

# 1996-2004 RL Electrical Troubleshooting Manual

General Information

Indexes

## In this manual:



**WARNING** Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

**CAUTION:** Indicates a possibility of personal injury or equipment damage if instructions are not followed.

**NOTE:** Gives helpful information.

**CAUTION:** Detailed descriptions of *standard* workshop procedures, safety principles, and service operations are not included. Please note that this manual does contain warnings and cautions against some specific service methods which could cause **PERSONAL INJURY**, or could damage a vehicle or make it unsafe. Please understand that these warnings cannot cover all conceivable ways in which service, whether or not recommended by American Honda might be done, or of the possible hazardous consequences of each conceivable way, nor could American Honda investigate all such ways. Anyone using service procedures or tools, whether or not recommended by American Honda, *must thoroughly satisfy themselves that neither personal safety nor vehicle safety will be jeopardized.*

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# How To Use This Manual

The next few pages describe how this manual is organized. They also explain what kind of information the manual contains, what that information means, and how to use it to troubleshoot electrical problems.

Circuit schematics break the entire electrical system into individual systems, like the Low Fuel Indicator Light on the next page. Only electrical components that work together are shown together, so you won't be distracted by unrelated wires.

Explanations of the abbreviations and symbols used in the schematics begin on [page 8](#). You'll need to know what they mean before you can use a schematic effectively.

# How To Use This Manual

## Circuit Schematics

Each schematic represents one circuit. A circuit's wires and components are arranged to show current flow, from power at the top of the page, to ground, at the bottom.

### Shared Circuits

Other circuits may share power or ground terminals or wiring with the circuit shown. A wire that connects one circuit to another, for example, is cut short and has an arrowhead at the end of it pointing in the direction of current flow. Next to the arrowhead is the name of the circuit or component which shares that wiring. To quickly check shared wiring, check the operation of a component it serves. If that component works, you know the shared wiring is OK.

### Connectors

All in-line and junction connectors are numbered (C725, C416, etc.). Component connectors are not numbered but are identified either by the name of the component if the component only has one connector, or by a capital letter (A, B, C, etc.) if the component has *more than one* connector.

Below most connector numbers and component names are PHOTO and VIEW numbers. The PHOTO number refers to a photo in the back of the book that shows the connector's location on the car. The VIEW number refers to an illustration in the back of the book that shows the connector face, wire colors, connector cavity numbers, and other details.

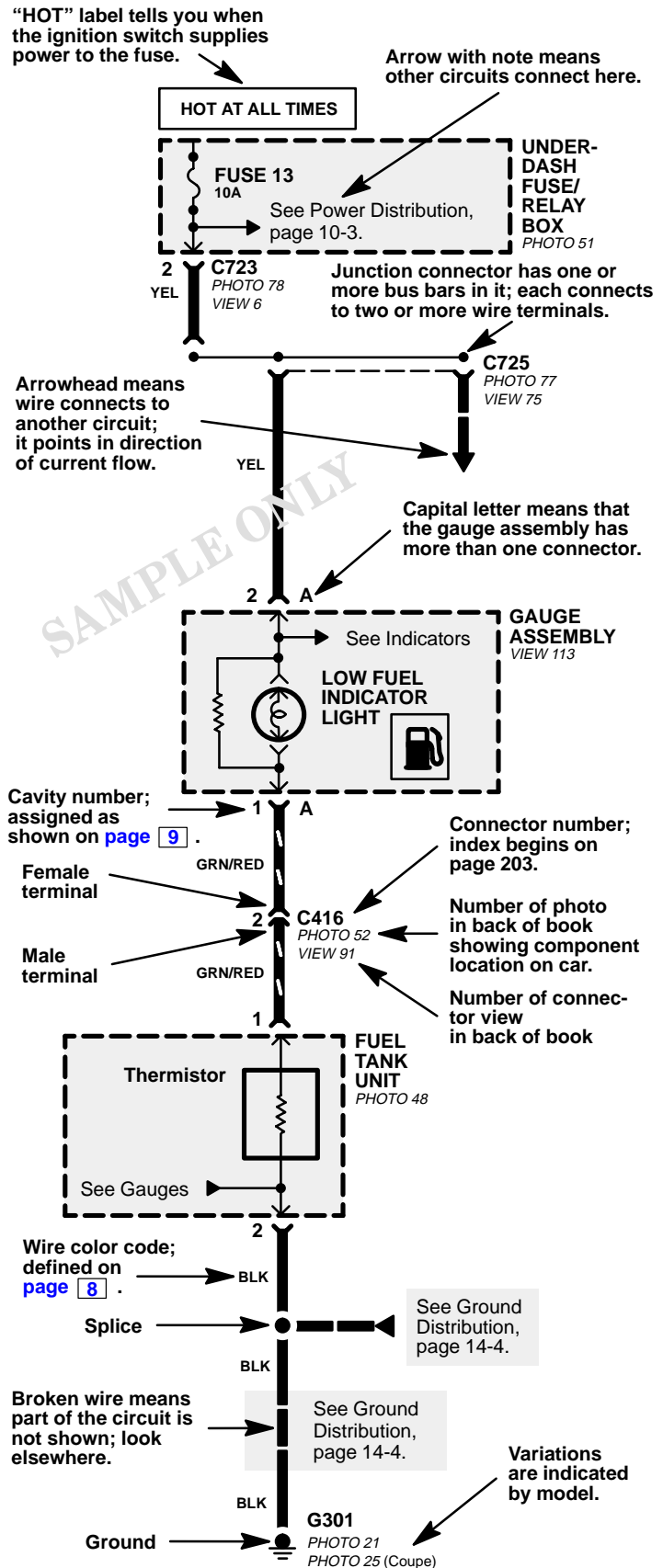
The connector cavity numbering sequence begins at the top left corner of the connector as seen from either of the viewpoints shown on [page 9](#).

### Wires

Wires are identified by the abbreviated names of their colors; the second color is the color of the stripe. Wires are also identified by their location in a connector. The number "2" next to the male and female wire terminals at C416, for example, means those terminals join in cavity 2 of connector C416.

### Symbols

A complete description of schematic symbols begins on [page 8](#).







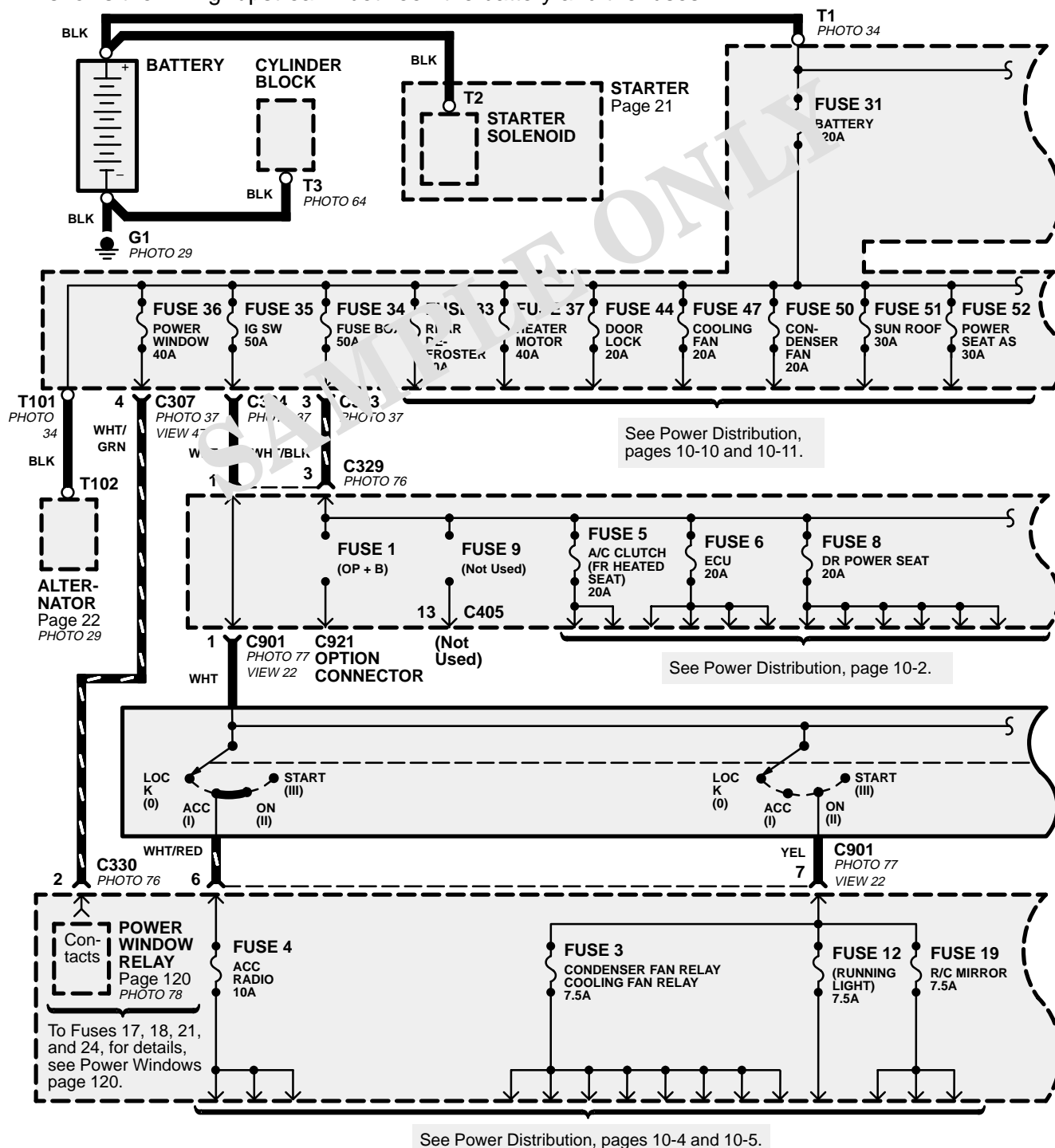
# How To Use This Manual

## Power Distribution Schematics

Power Distribution schematics show how power is supplied from the positive battery terminal to various circuits in the car. Refer to the Power Distribution section to get a more detailed picture of how power is supplied to the circuit you're working on.

### From Battery to Ignition Switch, Fuses, and Relays

Individual circuit schematics begin with a fuse. The first half of Power Distribution, however, shows the wiring "upstream" between the battery and the fuses.

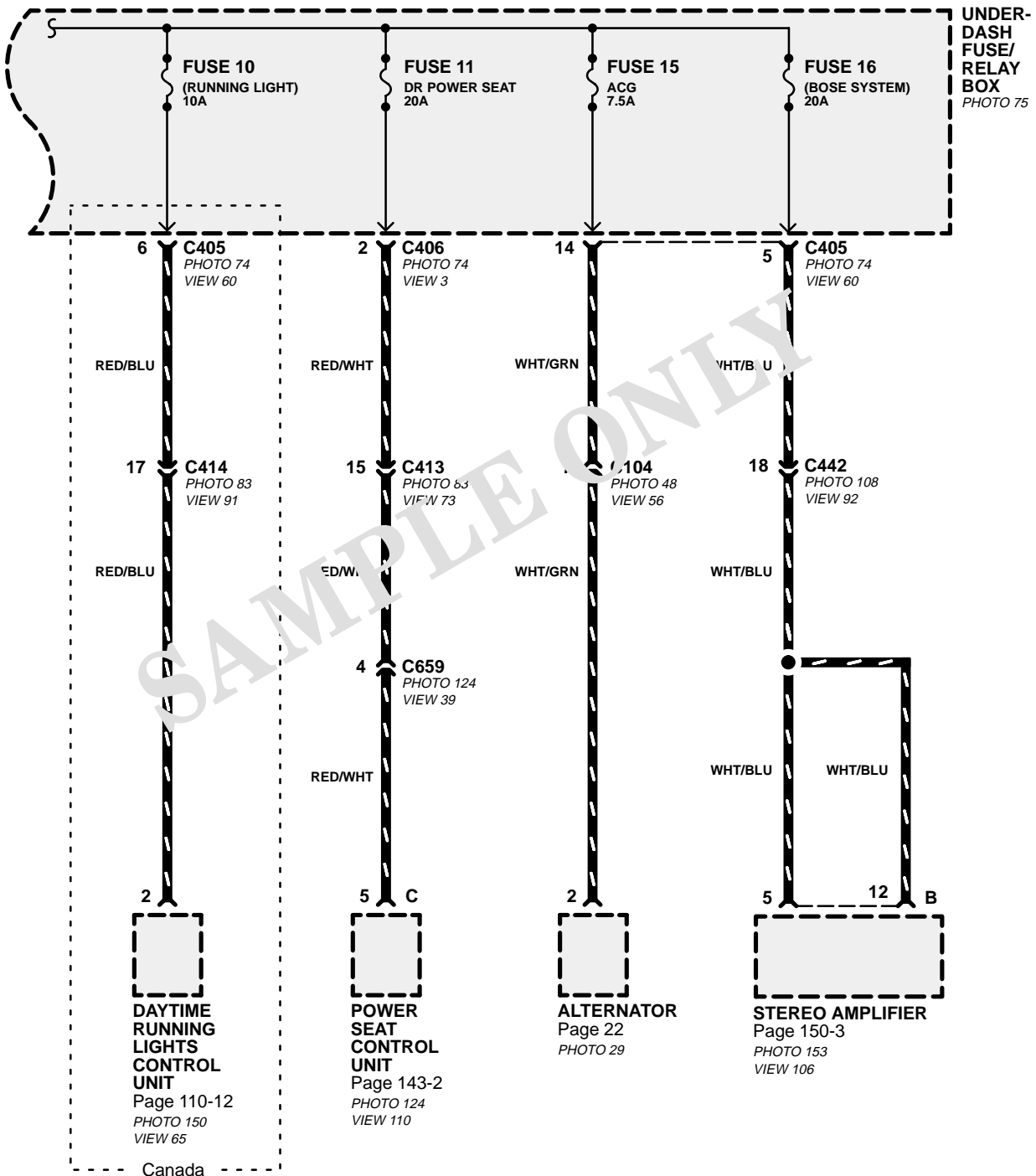


# How To Use This Manual

## Power Distribution Schematics

### From Fuses to Relays and Components

The second half of Power Distribution shows the wiring “From Fuses to Relays and Components.” This can speed your troubleshooting by showing which circuits share fuses. If Power Distribution shows that an inoperative circuit and another circuit share a fuse, check a component in the other circuit. If it works, you know the fuse is good and power is available to the inoperative circuit.

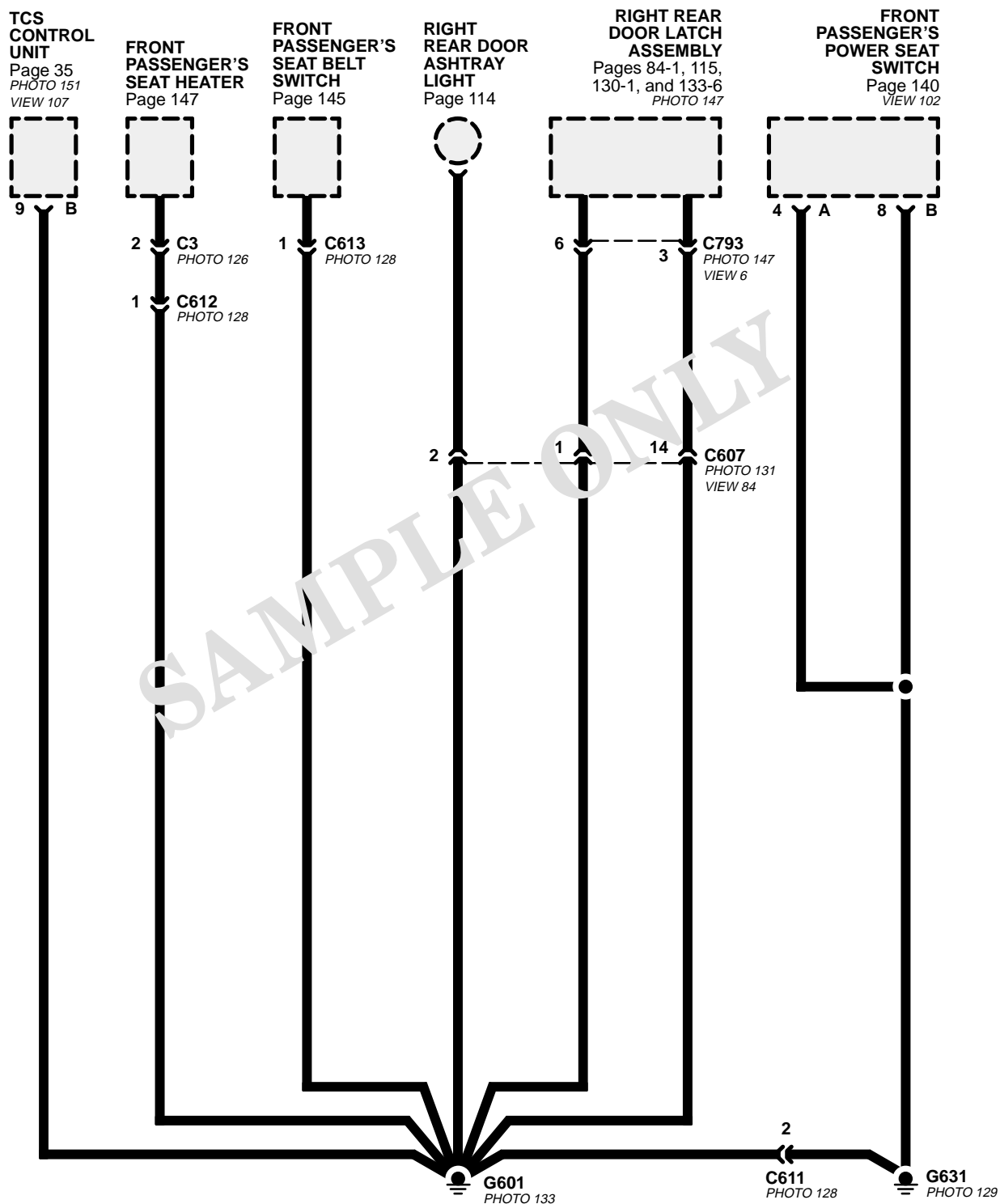




# How To Use This Manual

## Ground Distribution Schematics

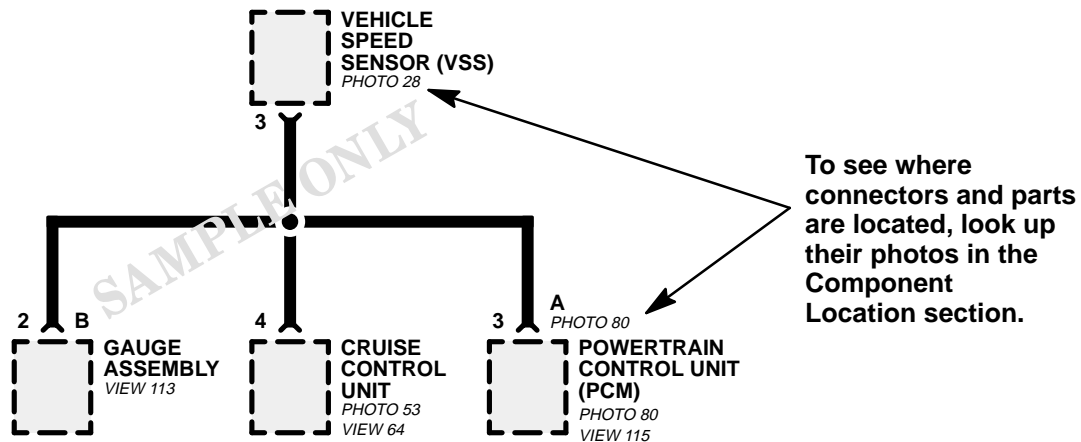
This sample Ground Distribution schematic shows all of the components that share two ground points.



# How To Use This Manual

## Component Locations

To see where a component or connector is located on the car, look up its photo number in the Component Location section in the back of the book. The photo will also tell you the color of the connector, and how many cavities it has.



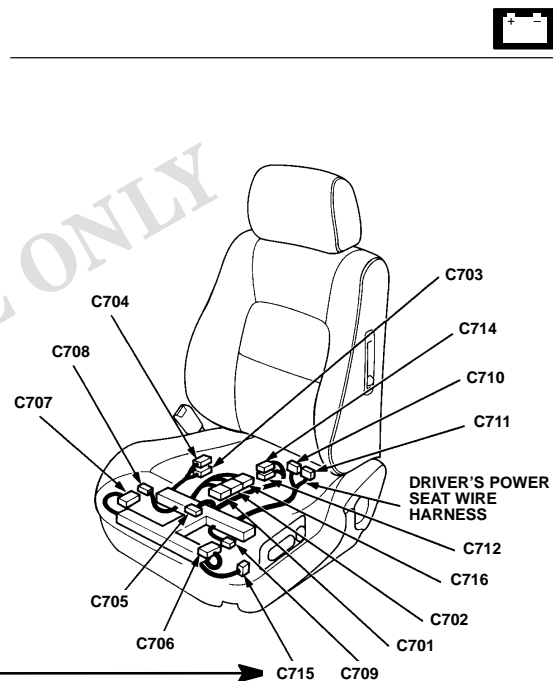
If there is no photo number below or beside a component name or a connector, ground, or terminal number, look up that name or number in the appropriate Connector Identification Chart in the Service Manual. The chart lists how many cavities a connector has, where it's located, and what it connects to. The related illustration shows the connector's location on the harness, and the harness routing.

### Connector Identification and Wire Harness Routing

#### Driver's Seat Wire Harness

Connector or Terminal	Number of Cavities	Location	Connects to	Notes
C701	10	Under driver's seat	Left side wire harness (C261)	
C702	5	Under driver's seat	Left side wire harness (C262)	
C703	2	Under driver's seat	Front up-down memory sensor	
C704	2	Under driver's seat	Rear up-down memory sensor	
C705	10	Under driver's seat	Power seat control unit	
C706	7	Under driver's seat	Power seat control unit	
C707	7	Under driver's seat	Power seat control unit	
C708	2	Under driver's seat	Slide sensor	
C709	2	Under driver's seat	Slide motor	
C710	2	Under driver's seat	Rear up-down motor	
C711	2	Under driver's seat	Front up-down motor	
C712	4	Under driver's seat	Recline motor	
C714	2	Under driver's seat	Recline limit switch	
C715	10	Left side of driver's seat	Power seat switch	
C716	14	Under driver's seat	Left side wire harness (C261)	

If a connector on a schematic has no photo number, look it up in the Connector Identification chart and related illustration.





# How To Use This Manual

## Connector Views

To see the configuration of a connector's cavities, look up its view number in the Connector View section in the back of the book. Each view includes the color of the connector, where it is located, and what it connects to.

Use the Connector Views to help locate the proper cavity when you need to probe a connector. It can be especially helpful if the connector has more than one wire of the same color. A dash symbol (—) indicates that the cavity is empty.

Connector views can also be used to help diagnose multiple symptoms in separate circuits which could be caused by a single problem in a connector shared by those circuits.

Here's an example:

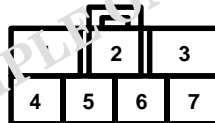
1. Pick one of the multiple symptoms and look up the schematic for that circuit.
2. Make a list of all the in-line and fuse box connectors in that schematic (include page numbers).
3. Then, in the Connector View section, look up each connector on your list to see if circuits related to the other symptoms run through one of them. If they do, inspect that connector for the problem.

Example: The blower, rear window defogger, and the windshield wiper don't work. List all in-line and fuse box connectors in the blower controls circuit and then check the Connector View section (sample below). You find that C324 is common to the blower controls, rear window defogger, and wiper/washer, so you inspect C324 and find the problem, bent terminals.

## Connector Views

### 21. C324

- Brown
- Behind left kick panel
- Connects left engine compartment wire harness to main wire harness



- |                                   |                           |
|-----------------------------------|---------------------------|
| 1. WHT (Blower controls)          | 4. BLU/YEL (Wiper/washer) |
| 2. YEL/BLU (Rear window defogger) | 5. BLU (Wiper/washer)     |
| 3. BLK/WHT (Starting)             | 6. BLK/YEL (Ignition)     |
|                                   | 7. WHT/BLU (ABS)          |

# Connector Views

## – Component Connector View Index

Connector	View
ABS Control Unit .....	111
ABS Inspection Connector .....	7
ABS Modulator Unit ('98-'99 models) .....	121
Audio Unit .....	108
Automatic Dimming Mirror/OnStar Switches and Microphone ('02-'03 USA) .....	133
Automatic Lighting Control Unit .....	63
Brake Light Failure Sensor .....	8
Climate Control Unit .....	103
Combination Light Switch .....	116
Cruise Control Unit .....	64
Dash Lights Brightness Controller .....	9
Data Link Connector (DLC) .....	70
Daytime Running Lights Control Unit .....	65
Door Multiplex Control Unit .....	87
Driver's Multiplex Control Unit .....	114
Driver's Power Seat Adjustment Switch ...	44
Driver's Seat Heater Switch .....	10
Fan Control Unit .....	52
Fog Light Switch .....	125
Front Passenger's Power Seat Switch ....	102
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Gauge Assembly .....	113
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Ignition Control Module (ICM) .....	100
Immobilizer Control Unit .....	98
Keyless Receiver Unit ('96-'01) .....	35
Keyless Receiver Unit ('02-'04) .....	132
Left Rear Window Switch .....	13
Moonroof Close Relay .....	14
Moonroof Control Unit .....	45
Moonroof Open Relay .....	15
Navigation Display Unit .....	88

Connector	View
Navigation Unit .....	104
Occupant Position Detection System (OPDS) Unit .....	126
OnStar Buttons and Microphone/ Homelink Unit ('04) .....	143
OnStar System Control Unit ( '02-'04 USA) .....	137
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Passenger's Multiplex Control Unit .....	112
PGM-FI Main Relay .....	99
Power Mirror Control Unit .....	105
Power Mirror Switch .....	46
Power Seat Control Unit .....	110
Power Window Control Unit ('02-'04) ....	134
Powertrain Control Module (PCM) .....	115
Rear Window Defogger Switch .....	16
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Spark Plug Voltage Detection Module ....	101
SRS Unit .....	75
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Steering Column Switch .....	120
Stereo Amplifier .....	106
TCS Control Unit .....	107
TCS Switch .....	18
Trailer Lighting Connector .....	19
Windshield Wiper/Washer Switch .....	119
VSA Converter .....	128
VSA Modulator Control Unit .....	127
VSA Switch .....	18
Yaw Rate/Lateral Acceleration Sensor ....	130
XM Satellite Radio Unit ('04) .....	141

# Connector Identification and Wire Harness Routing Index

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A/C Wire Harness .....	203-23
A/T Sub-harness .....	203-8
ABS Modulator Unit Wire Harness ('96-'97) .....	203-8
Accessory Power Socket Wire Harness ('99-'04) .....	203-23
Audio Sub-harness (with BOSE sound system) .....	203-36
Battery Ground Cables .....	203
Dashboard Wire Harness .....	203-22
Driver's Door Wire Harness .....	203-32
Driver's Power Seat Wire Harness ....	203-30
Engine Ground Cables .....	203
Engine Wire Harness .....	203-2
Front Passenger's Door Wire Harness .....	203-33
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Knock Sensor Sub-harness .....	203-6
Left Engine Compartment Wire Harness .....	203-12

Left Rear Door Wire Harness .....	203-34
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Main Wire Harness (Engine compartment branch) .....	203-16
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# Connector Views

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Connector	View	Connector	View
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C102	54	C442	92
C103	55	C443	67
C104	56	C444	93
C105	23	C445	97
C106	24	C446	79
C108	1	C448	80
C114	57	C456	81
C123	2	C464	82
C130	26	C470	38
C146	25	C475	122
C171	58	C476	94
C181	59	C477	29
C201	71	C484	117
C202	27	C487	129
C305	20	C488	139
C306	36	C501	30
C307	47	C502	83
C324	21	C504	68
C325	76	C609	84
C326	72	C629	85
C327	89	C632	118
C328	48	C638	135
C331	66	C651	74
C402	37	C659	39
C403	90	C663	86
C404	49	C677	142
C405	60	C669	40
C406	3	C670	69
C409	61	C705	4
C410	50	C709	31
C411	123	C710	32
C412	96	C743	131
C413	73	C744	33
C414	91	C748	41
C415	77	C753	42
C421	78	C764	34
C429	62	C768	43
C430	51	C783	5
C431	28	C793	6
C439	140	C901	22



# How To Use This Manual

## Symbols

### Wire Color Abbreviations

The following abbreviations are used to identify wire colors in the circuit schematics:

BLK	black
BLU	blue
BRN	brown
GRN	green
GRY	gray
LT BLU	light blue
LT GRN	light green
ORN	orange
PNK	pink
PUR	purple
RED	red
WHT	white
YEL	yellow

### Wires

A wavy line at the end of a wire means the wire is broken by the binding of the book or by a "choice" bracket but continues on the next page.



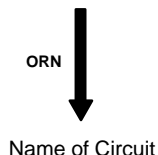
Wire insulation can be one color, or one color with another color stripe. (The second color is the stripe.)



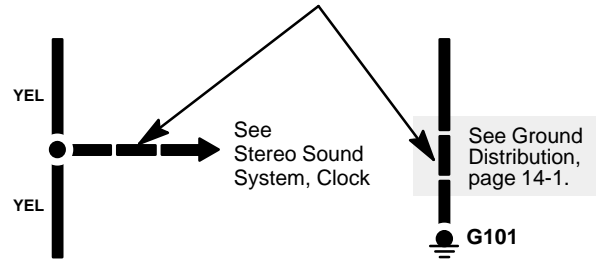
This circuit continues on another page. (The arrow shows direction of current flow.) To follow the RED/BLK wire in this example, you would turn to page 23-5 and look for the "Z" arrow.



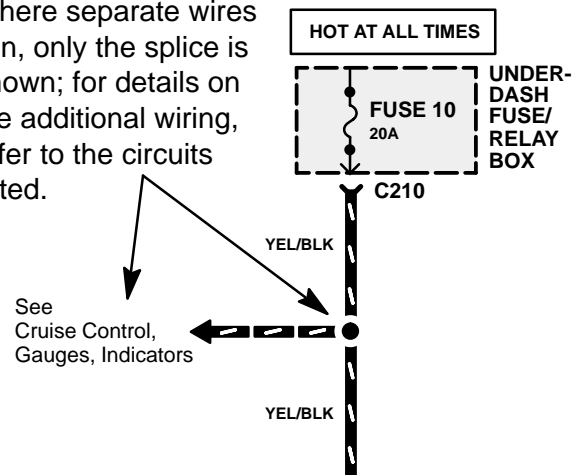
This means the branch of the wire connects to another circuit. The arrow points to the name of the circuit branch where the wire continues.



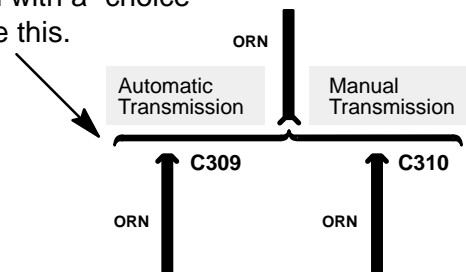
A broken line means this part of the circuit is not shown; refer to the circuit listed for the complete schematic.



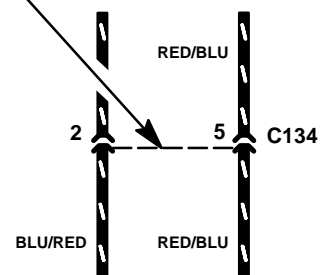
Where separate wires join, only the splice is shown; for details on the additional wiring, refer to the circuits listed.



Wire choices for options or different models are labeled and shown with a "choice" bracket like this.



This broken line means both terminals are in connector C134.



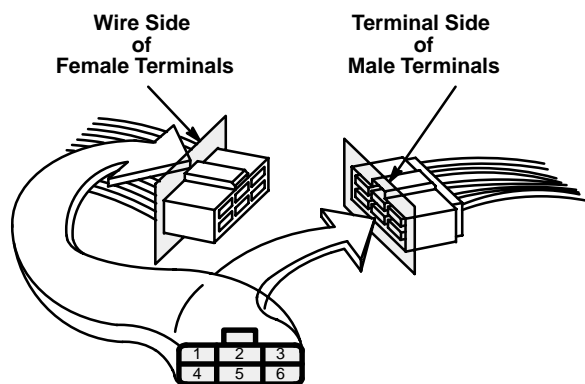


# How To Use This Manual

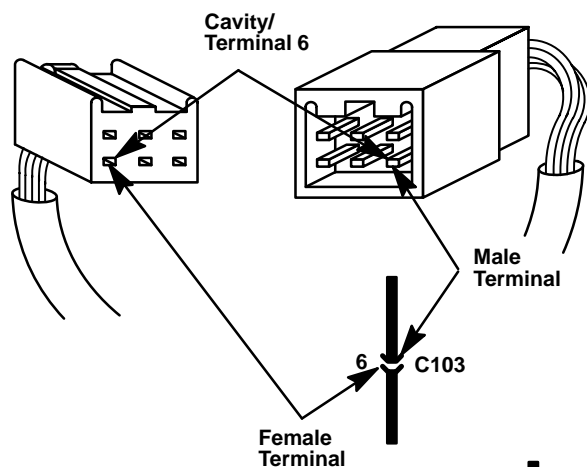
## – Symbols

### Connectors – “C”

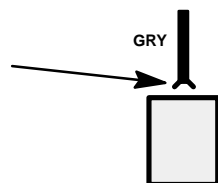
The cavities (and wire terminals) in each connector are numbered starting from the upper left, looking at the male terminals from the terminal side (or looking at the female terminals from the wire side. Both views are in the same direction so the numbers are the same.) All actual cavities are numbered, even if they have no wire terminals in them.



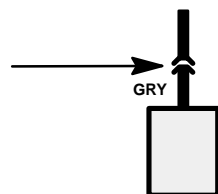
The connector cavity number is listed next to each terminal on the circuit schematic. The cavity/terminal shown below is #6.



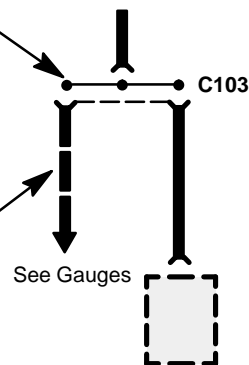
This means the connector connects directly to the component.



This means the connector connects to a lead (pigtail) wired directly to the component.



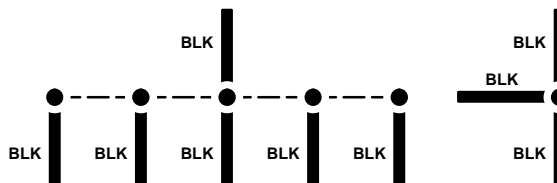
This symbol represents one bus bar inside the cap of a junction connector. A junction connector cap contains several bus bars, but only the one affecting that circuit will be shown. The dots represent tabs on the bus that the wire terminals connect to.



Remaining wires to the same bus are represented by a broken line.

### Splices

Splices are shown as a dot. Their location and the number of wires may vary depending on the harness manufacturer.



### Components

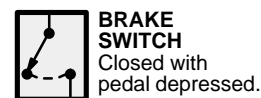
A solid border line means the entire component is shown.



A broken border line indicates that only part of the component is shown.



The name of the component appears next to its upper right corner followed by notes about its function.



# How To Use This Manual

## Symbols

### Ground – “G”

This symbol means the end of the wire is attached (grounded) to the car frame or to a metal part connected to the frame.

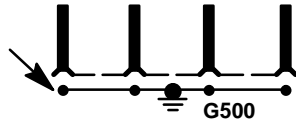


Each wire ground (G) is numbered for reference.

This ground symbol (dot and 3 lines) overlapping the component means the housing of the component is grounded to the car frame or to a metal part connected to the frame.



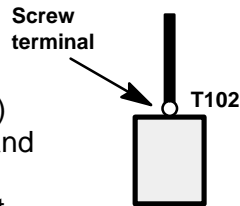
This symbol represents the bus inside a ground connector. The dots represent tabs on the bus that the wire terminals connect to.



The ground symbol (large dot) is the connection between the bus and metal (grounded) part of the car.

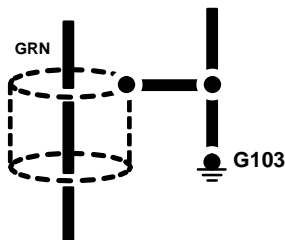
### Terminals – “T”

Each “T” terminal (ring type) is numbered for reference and location. A “T” terminal is secured with a screw or bolt.



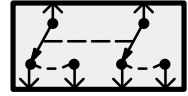
### Shielding

This represents RFI (Radio Frequency Interference) shielding around a wire. The shielding is always connected to ground.

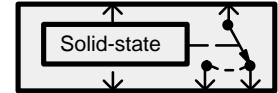
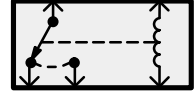


### Switches

These switches move together; the broken straight line between them means they are mechanically connected.

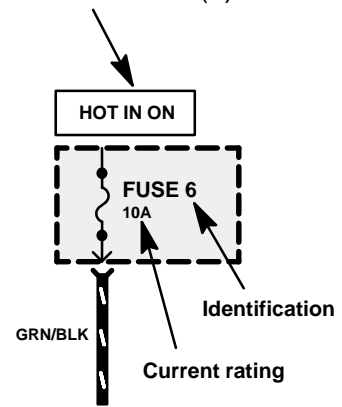


Other types of switches are controlled by a coil or a solid state circuit. Unless otherwise noted, all switches are shown in their normal (rest) position, with power off.



### Fuses

This means power is supplied when the ignition switch is in ON (II).



### Diodes

A rectifier diode works like a one way valve. It allows current to flow only in the direction of the arrow.



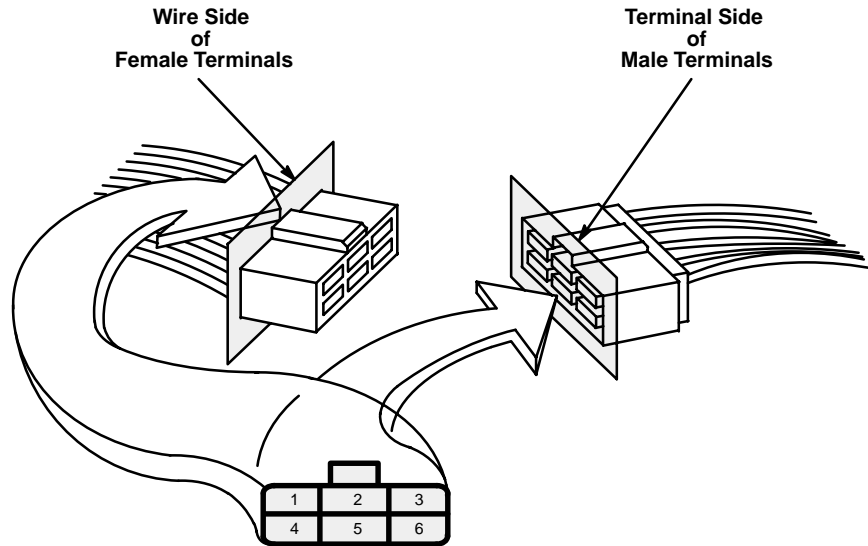
A Zener diode blocks reverse current at normal voltages just like a rectifier diode. At high voltages, however, a Zener diode allows current to flow in reverse.



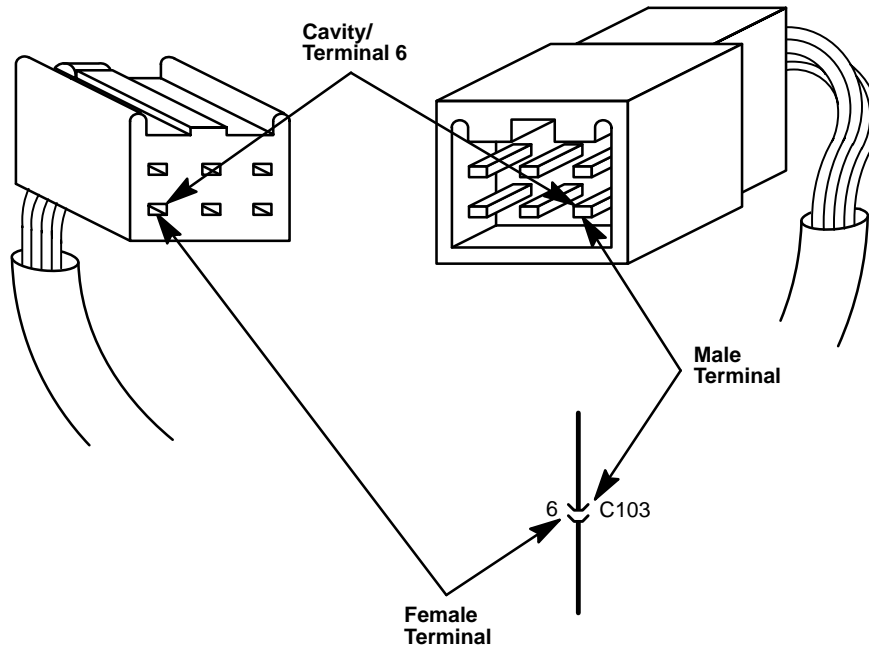
# Connector Views

## – Terminal Numbering System

The cavities (and wire terminals) in each connector are numbered starting from the upper left, looking at the male terminals from the terminal side (or looking at the female terminals from the wire side. Both views are in the same direction so the numbers are the same.) All actual cavities are numbered, even if they have no wire terminals in them.



The connector cavity number is listed next to each terminal on the circuit schematic. The cavity/terminal shown below is #6.





# How To Use This Manual

## Five-Step Troubleshooting

### 1. Verify The Complaint

Turn on all the components in the problem circuit to check the accuracy of the customer complaint. Note the symptoms. Do not begin disassembly or testing until you have narrowed down the problem area.

### 2. Analyze The Schematic

Look up the schematic for the problem circuit. Determine how the circuit is supposed to work by tracing the current paths from the power source through the circuit components to ground. Also, trace circuits that share wiring with the problem circuit. The names of circuits that share the same fuse, ground, or switch, and so on, are referred to in each circuit schematic. Try to operate any shared circuits you didn't check in step 1. If the shared circuits work, the shared wiring is OK, and the cause must be in the wiring used only by the problem circuit. If several circuits fail at the same time, the fuse or ground is a likely cause.

Based on the symptoms and your understanding of the circuit's operation, identify one or more possible causes.

### 3. Isolate The Problem By Testing The Circuit

Make circuit tests to check the diagnosis you made in step 2. Keep in mind that a logical, simple procedure is the key to efficient troubleshooting. Test for the most likely cause of failure first. Try to make tests at points that are easily accessible.

### 4. Fix The Problem

Once the specific problem is identified, make the repair. Be sure to use proper tools and safe procedures.

### 5. Make Sure The Circuit Works

Turn on all components in the repaired circuit in all modes to make sure you've fixed the entire problem. If the problem was a blown fuse, be sure to test all of the circuits on that fuse. Make sure no new problems turn up and the original problem does not recur.

## Test Equipment

### CAUTION:

**Most circuits include solid-state devices. Test the voltages in these circuits only with a 10-megaohm or higher impedance digital multimeter. Never use a test light or analog meter on circuits that contain solid-state devices. Damage to the devices may result.**

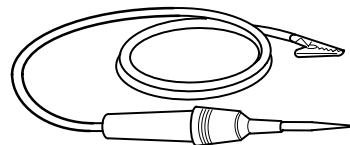
### Test Light and DVOM

On circuits without solid-state devices, use a test light to check for voltage. A test light is made up of a 12 volt bulb with a pair of leads attached. After grounding one lead, touch the other lead to various points along the circuit where voltage should be present. The bulb will go on if there is voltage at the point being tested. If you need to know how much voltage is present, use a digital volt/ohmmeter (DVOM).

### Self-Powered Test Light and DVOM

Use a self-powered test light to check for continuity. This tool is made up of a light bulb, battery, and two leads. To test it, touch the leads together: the light should go on.

Use a self-powered test light only on an unpowered circuit. First, disconnect the battery, or remove the fuse that feeds the circuit you are working on. Select two points in the circuit between which you want to check continuity. Connect one lead of the self-powered test light to each point. If there is continuity, the test light's circuit will be completed, and the light will go on.



SELF-POWERED TEST LIGHT

If, in addition, you need to know exactly how much resistance there is between two points, use a digital volt/ohmmeter (DVOM).

# How To Use This Manual

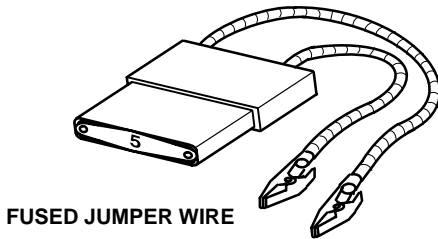
## Test Equipment

In the "OHMS" range, the DVOM will measure resistance between two points along a circuit. Low resistance means good continuity.

Diodes and solid-state devices in a circuit can make a DVOM give a false reading. To check a reading, reverse the leads, and take a second reading. If the readings differ, the component is affecting the measurement.

### Jumper Wire

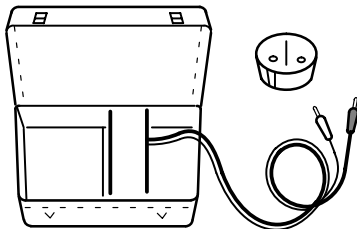
Use a jumper wire to bypass an open circuit. A jumper wire is made up of an in-line fuse holder connected to a set of test leads. It should have a five ampere fuse. Never connect a jumper wire across a short circuit. The direct battery short will blow the fuse.



FUSED JUMPER WIRE

### Short Finder (Short Circuit Locator)

Short finders are available to locate shorts to ground. The short finder creates a pulsing magnetic field in the shorted circuit which you can follow to the location of the short. Its use is explained on [page 15](#).



SHORT FINDER

To order any test equipment shown above, contact your local tool supplier. For a list of suppliers and tool numbers, refer to Acura Required Special Tools and Equipment Service Bulletin.

## Troubleshooting Precautions

### Before Troubleshooting

1. Check the main fuse and the fuse box.
2. Check the battery for damage, state of charge, and clean and tight connections.

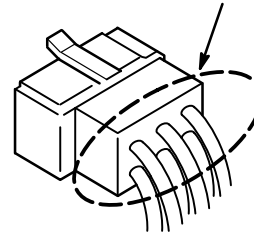
#### CAUTION:

- Do not quick-charge a battery unless the battery ground cable has been disconnected, or you will damage the alternator diodes.
- Do not attempt to crank the engine with the ground cable disconnected or you will severely damage the wiring.

### While You're Working

1. Make sure connectors are clean, and have no loose terminals or receptacles.
2. Make sure that connectors without wire seals are packed with dielectric (silicone) grease. Part Number: 08798-9001.

Pack with dielectric (silicone) grease



3. When connecting a connector, push it until it "clicks" into place.

#### CAUTION:

- Do not pull on the wires when disconnecting a connector. Pull only on the connector housings.
- Most circuits include solid-state devices. Test the voltages in these circuits only with a 10-megaohm or higher impedance digital multimeter. Never use a test light or analog meter on circuits that contain solid-state devices. Damage to the devices may result.



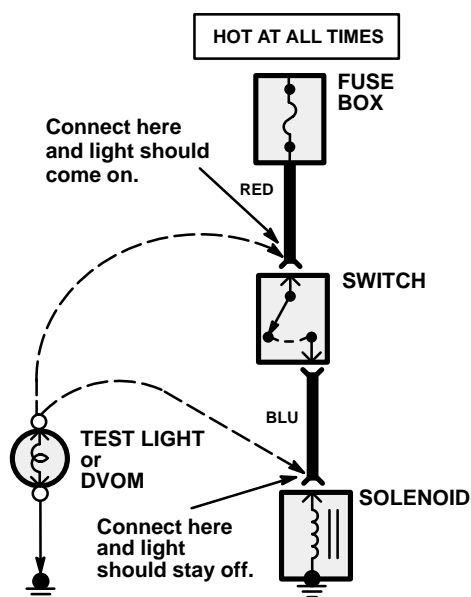
# How To Use This Manual

## Troubleshooting Tests

### Testing for Voltage

When testing for voltage at a connector without wire seals, you do not have to separate the two halves of the connector. Instead, probe the connector from the back. Always check both sides of the connector because dirty, corroded, and bent terminals can cause problems (no electrical contact = an open).

1. Connect one lead of the test light to a known good ground, or, if you're using a digital volt ohmmeter (DVOM), place it in the appropriate DC volts range, and connect its negative lead to ground.



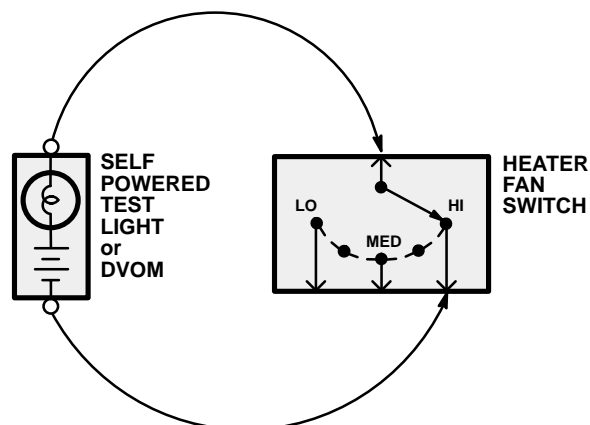
2. Connect the other lead of the test light or DVOM to the point you want to check.
3. If the test light glows, there is voltage present. If you're using a DVOM, note the voltage reading. It should be within one volt of measured battery voltage. A loss of more than one volt indicates a problem.

**NOTE:** Always use a DVOM on high impedance circuits. A test light may not glow (even with battery voltage present).

### Testing for Continuity

When testing for continuity at a connector without wire seals, you do not have to separate the two halves of the connector. Instead, probe the connector from the back. Always check both sides of the connector because dirty, corroded, and bent terminals can cause problems (no electrical contact = an open).

1. Disconnect the negative cable from the car battery. If you're using a DVOM, place it in the lowest "OHMS" range.
2. Connect one lead of a self-powered test light or DVOM to one end of the part of the circuit you want to test.



3. Connect the other lead to the other end.
4. If the self-powered test light glows, there is continuity. If you're using a DVOM, a low reading or no reading (zero), means good continuity.

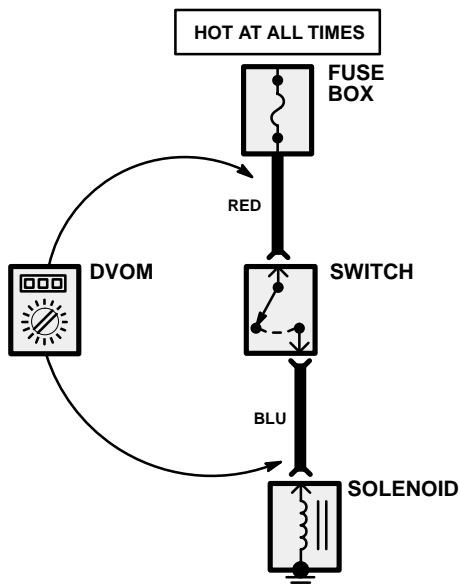
# How To Use This Manual

## Troubleshooting Tests

### Testing for Voltage Drop

Wires, connectors, and switches are designed to conduct current with a minimum loss of voltage. A voltage drop of more than one volt indicates a problem.

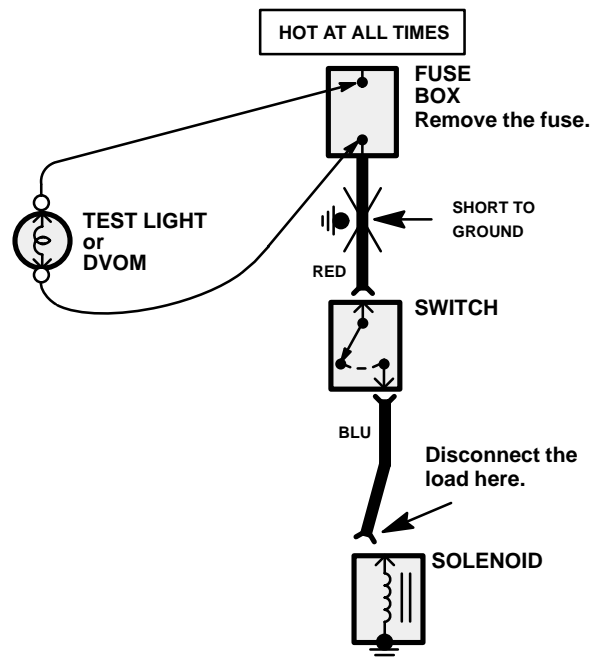
1. Place the digital volt/ohmmeter (DVOM) in the appropriate DC volts range. Connect the positive lead to the end of the wire (or to the connector or switch) closest to the battery.



2. Connect the negative lead to the other end of the wire (or the other side of the connector or switch).
3. Turn on the components in the circuit.
4. The DVOM will show the difference in voltage between the two points. A difference, or drop, of more than one volt indicates a problem. Check the circuit for loose, dirty, or bent terminals.

### Testing for a Short with a Test Light or DVOM

1. Remove the blown fuse and disconnect the load.
2. Connect a test light or digital volt/ohmmeter (DVOM), switched to the appropriate DC volts range, across the fuse terminals to make sure voltage is present. You might have to turn the ignition switch to ON; check the schematic to see.



3. Beginning near the fuse box, wiggle the harness. Continue this at convenient points about six inches apart while watching the test light or DVOM.
4. Where the test light goes off, or the DVOM voltage drops to zero, there is a short to ground in the wiring near that point.

NOTE: Always use a DVOM on high impedance circuits. A test light may not glow (even with battery voltage present).

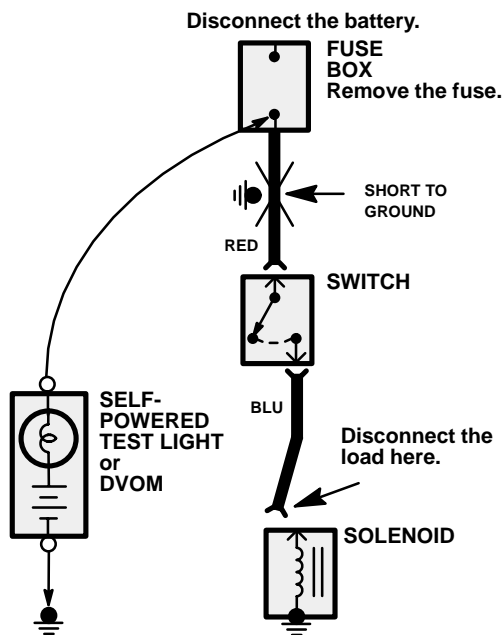


# How To Use This Manual



## Testing for a Short with a Self-Powered Test Light or DVOM

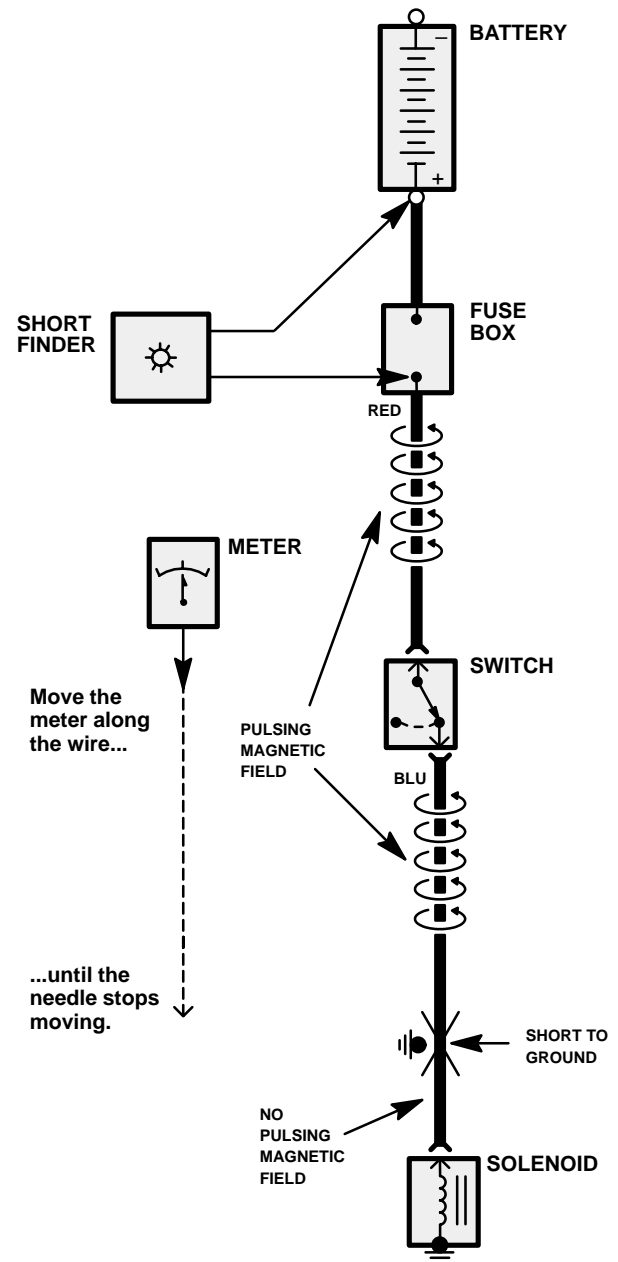
1. Remove the blown fuse and disconnect the battery and load.
2. Connect one lead of a self-powered test light or digital volt/ohmmeter (DVOM) (switched to the lowest "OHMS" range) to the fuse terminal on the load side.



3. Connect the other lead to a known good ground.
4. Beginning near the fuse box, wiggle the harness. Continue this at convenient points about six inches apart while watching the test light or DVOM.
5. If the self-powered test light goes on or the DVOM displays a low reading or no reading (zero), there is a short to ground in the wiring near that point.

## Testing for a Short with a Short Circuit Locator (Short Finder)

1. Remove the blown fuse. Leave the battery connected.
2. Connect the short finder across the battery terminals and the load (component) side of the fuse terminal.



3. Close all switches in the circuit you're testing.

# How To Use This Manual

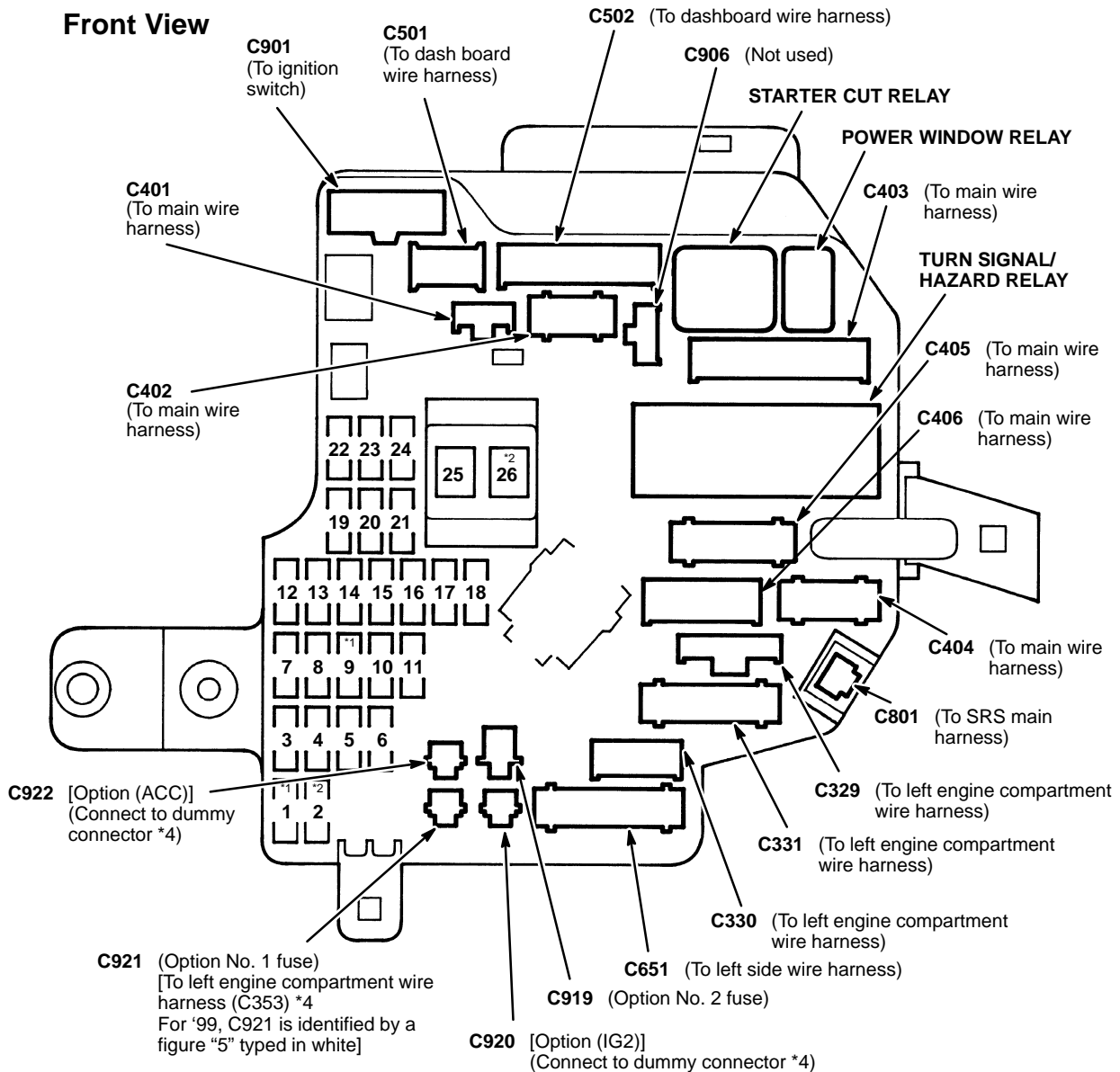
## Troubleshooting Tests

4. Turn on the short finder. This creates a pulsing magnetic field around the wiring between the fuse box and the short.
5. Beginning at the fuse box, slowly move the short finder along the circuit wiring. The meter will show current pulses through sheet metal and body trim. As long as the meter is between the fuse and the short, the needle will move with each current pulse. Once you move the meter past the point of the short, the needle will stop moving. Check the wiring and connectors in this area to locate the cause of the short.

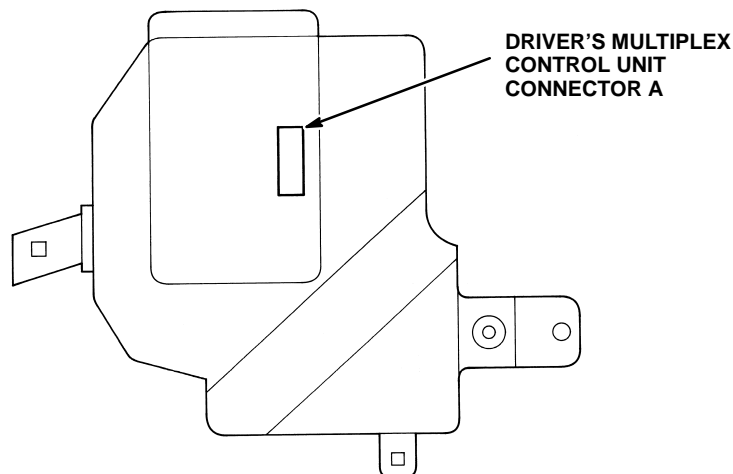
# Fuse/Relay Information

## – Under-dash Fuse/Relay Box

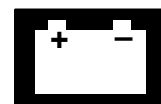
### Front View



### Rear View



- \*1 : Not Used ('96-'98)
- \*2 : Not Used
- \*3 : '96-'98
- \*4 : '99-'04



# Fuse/Relay Information

## – Under-dash Fuse/Relay Box

Fuse Number	Fuse Name	Amps	Page	Component or Circuit Protected
1 (*3)	(OP +B)	–	–	Not used
1 (*10)	SMALL LIGHT	15A	<a href="#">10-2</a>	Exterior and Interior lights, Taillight relay
2	(OP)	–	<a href="#">10-1</a>	Not used
3	CONDENSER FAN RELAY COOLING FAN RELAY	7.5	<a href="#">10-6</a>	A/C compressor clutch relay, Blower controls, Climate control unit, Condenser fan motor, Fans
4	ACC RADIO	10	<a href="#">10-5</a>	Accessory power socket, Cigarette lighter, Navigation display unit, Navigation unit, OnStar control unit (*9)
5	A/C CLUTCH (FR HEATED SEAT)	20	<a href="#">10-2</a>	A/C compressor clutch, Seat heaters
6	ECU	20	<a href="#">10-2</a>	Data link connector, Immobilizer control unit, PGM-FI main relay
7	SRS	10	<a href="#">10-10</a>	SRS unit
8	DR POWER SEAT RECLINING & RR HEIGHT	20	<a href="#">10-3</a>	Power seats
9 (*10)	BOSE SYSTEM	20	<a href="#">10-3</a>	Bose sound system
10	(RUNNING LIGHT)	10	<a href="#">10-3</a>	Daytime running lights control unit
11	DR POWER SEAT SLIDE & FR HEIGHT	20	<a href="#">10-4</a>	Power seats
12	(RUNNING LIGHT)	7.5	<a href="#">10-6</a>	Daytime running lights control unit
13 (*3)	METER	7.5	<a href="#">10-10</a>	Back-up lights, Gauge relay, Keyless receiver unit, Multiplex control unit, Seat belt tension reducer, Vehicle speed sensor (VSS)
13 (*10)	METER SUN ROOF	7.5	<a href="#">10-10</a>	Automatic dimming mirror, Back-up lights, Brake light failure sensors, Gauge relay, Keyless receiver unit, Moonroof, Multiplex control unit, Seat belt tension reducer, Vehicle speed sensor (VSS), Windshield wiper motor relay
14	STARTER SIGNAL	7.5	<a href="#">23-1</a>	PGM-FI main relay, Powertrain control module (PCM)
15	ACG	7.5	<a href="#">10-4</a>	Alternator
16 (*3)	(BOSE SYSTEM)	20	<a href="#">10-4</a>	Bose sound system
16 (*10)	ACC SOCKET	10	<a href="#">10-4</a>	Accessory power socket
17	POWER WINDOW MPCS	20 7.5 (*5)	<a href="#">120</a> <a href="#">120-4</a> (*2) <a href="#">120-8</a> (*4) <a href="#">120-13</a> (*8)	Multiplex control unit (door)

\*1: '96-'97

\*2: '98

\*3: '96-'98

\*4: '99-'01

\*5: '98-'04

\*6: '96-'99

\*7: '00-'04

\*8: '02-'04

\*9: '02-'04 USA

\*10: '99-'04

# Fuse/Relay Information

## – Under-dash Fuse/Relay Box

Fuse Number	Fuse Name	Amps	Page	Component or Circuit Protected
18	POWER WINDOW MPCS or FR-R	20 30 (*2)	<a href="#">120</a> <a href="#">120-4</a> (*2) <a href="#">120-8</a> (*4) <a href="#">120-13</a> (*8)	Power windows
19	R/C MIRROR	7.5	<a href="#">10-7</a>	ABS control unit, Power mirrors, Rear window defogger relay, VSA system (*7), Automatic lighting control unit
20	ECU	20	<a href="#">10-8</a>	Alternator, Automatic lighting control unit (USA), Clock, Cruise control, DPMS, Gauge assembly, Immobilizer control unit (*3), PGM-FI, Power seats, Shift lock solenoid, TCS (*6), Turn signal/hazard relay, VSA system (*7)
21	POWER WINDOW RR-L	20 30 (*2)	<a href="#">120</a> <a href="#">120-4</a> (*2) <a href="#">120-8</a> (*4) <a href="#">120-13</a> (*8)	Power windows
22	FUEL PUMP	20	<a href="#">10-11</a>	Fuel pump relay, PGM-FI main relay, SRS unit
23 (*3)	SUN ROOF WASHER	10	<a href="#">10-12</a>	Moonroof, Multiplex control unit, Wiper/washer
23 (*9)	SRS	7.5	<a href="#">10-12</a>	Occupant position detection system (*9)
24	POWER WINDOW RR-R	20 30 (*2)	<a href="#">120</a> <a href="#">120-4</a> (*2) <a href="#">120-8</a> (*4) <a href="#">120-13</a> (*8)	Multiplex control unit, Power windows
25	IG COIL	30	<a href="#">10-11</a>	Ignition system
26	–	–	<a href="#">10-1</a>	Not used

\*1: '96-'97

\*2: '98

\*3: '96-'98

\*4: '99-'01

\*5: '98-'04

\*6: '96-'99

\*7: '00-'04

\*8: '02-'04

\*9: '99-'04

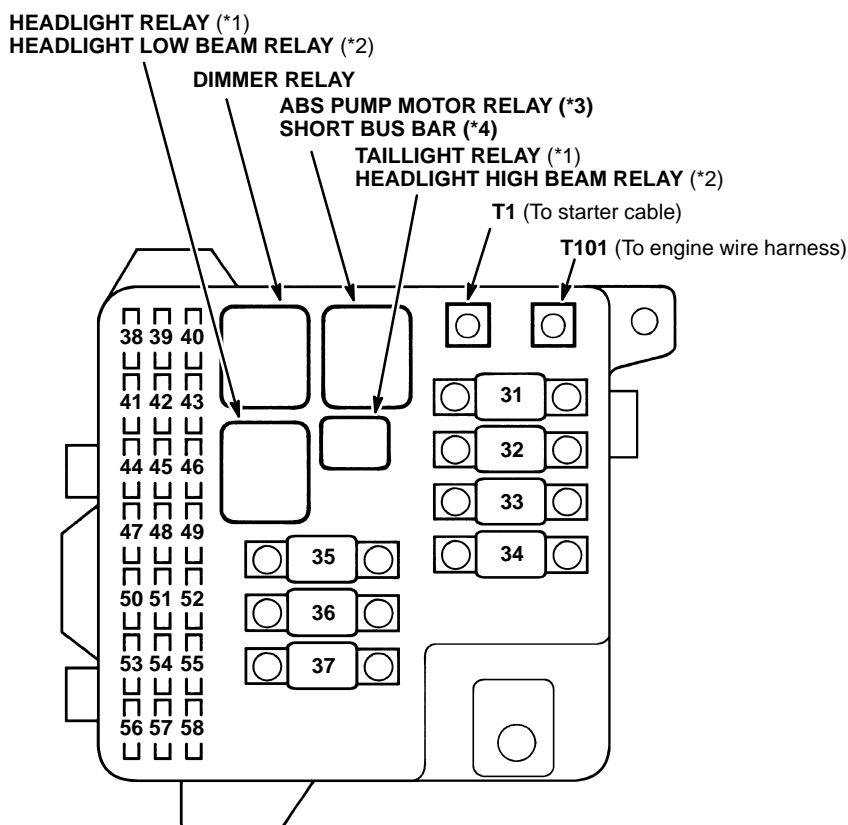


# Fuse/Relay Information

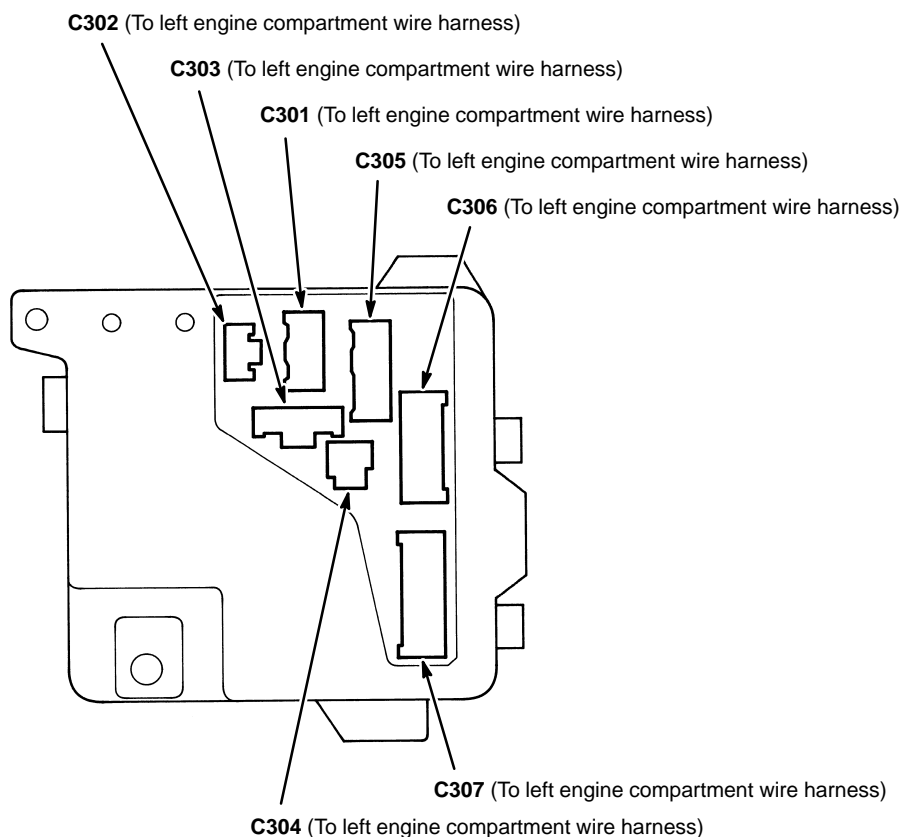
## – Under-hood Fuse/Relay Box

### Front View

- \*1: '96-'98
- \*2: '99-'04
- \*3: '96-'99
- \*4 : '00-'04



### Rear View



# Fuse/Relay Information

## – Under-hood Fuse/Relay Box

Fuse Number	Fuse Name	Amps	Page	Component or Circuit Protected
31	BATTERY	120	<a href="#">10</a>	Power distribution
32 (*6)	ABS MOTOR	40	<a href="#">10-1</a>	ABS pump motor
32 (*7)	VSA MOTOR	40	<a href="#">10-18</a>	VSA modulator/control unit (*7)
33	REAR DEFROSTER	40	<a href="#">10-13</a>	Rear window defogger
34	FUSE BOX	50	<a href="#">10</a>	Power distribution
35	IG SW	50	<a href="#">10</a>	Ignition switch
36	POWER WINDOW	40	<a href="#">10</a>	Power distribution
37	HEATER MOTOR	40	<a href="#">10-13</a>	Blower motor
38 (*6)	ABS UNIT	7.5	<a href="#">44-1, 44-7</a>	ABS control unit
39	STOP HORN	15 (*3) 20 (*4)	<a href="#">10-18</a>	Brake lights, Horns, Key interlock solenoid, Security horn relay (*4)
40	HAZARD	10	<a href="#">10-18</a>	Turn signal/hazard relay
41 (*1)	ABS B2	15	<a href="#">10-19</a>	ABS control unit, ABS rear solenoid
41	DR POWER WINDOW	30 (*2) 20 (*4)	<a href="#">10-19</a>	Driver's power window, Power window control unit (*8)
42	(TCS)	15	<a href="#">10-19</a>	TCS control unit (*6), VSA converter unit (*7)
43 (*1)	ABS B1	20	<a href="#">10-19</a>	ABS solenoids
43 (*5)	ABS	20	<a href="#">10-19</a>	ABS solenoids
43 (*7)	VSA	20	<a href="#">10-19</a>	VSA modulator/control unit (*7)
44	DOOR LOCK	20	<a href="#">10-13</a>	Keyless receiver unit, Multiplex control unit (passenger's)
45 (*3)	R HEAD LIGHT	15	<a href="#">100 (Canada 100-2)</a>	Daytime running lights control unit (Canada), High beam indicator light, Right headlight
45 (*4)	R HEAD LIGHT LOW	20	<a href="#">100-8 ('99 Canada 100-10) ('00-'04 Canada 100-12)</a>	Right headlight low beam
46 (*3)	L HEAD LIGHT	15	<a href="#">100 (Canada 100-2)</a>	Left headlight
46 (*4)	L HEAD LIGHT LOW	20	<a href="#">100-8 ('99 Canada 100-10) ('00-'04 Canada 100-12)</a>	Left headlight low beam

\*1: '96-'97

\*2: '98

\*3: '96-'98

\*4: '99-'04

\*5: '98-'99

\*6: '96-'99

\*7: '00-'04

\*8: '02-'04



# Fuse/Relay Information

## – Under-hood Fuse/Relay Box

Fuse Number	Fuse Name	Amps	Page	Component or Circuit Protected
47	COOLING FAN	20	<a href="#">10-13</a>	Radiator fan motor
48 (*3)	SMALL LIGHT	7.5	<a href="#">100-4</a>	Ashtray light, Climate control unit, Console lights, Dash lights, Front side marker lights, Glove box light, Hazard switch light, Moonroof switch light, Navigation display unit, Power mirror switch light, Rear ceiling light, Rear window defogger switch light, Stereo sound system, TCS switch light, Vanity light
48 (*4)	L HEAD LIGHT HIGH	10	<a href="#">100-8</a> ('99 Canada <a href="#">100-10</a> ('00-'04 Canada <a href="#">100-12</a> )	Left headlight high beam
49 (*3)	SMALL LIGHT	7.5	<a href="#">100-4</a>	Front fog light switch light, Front parking lights, License plate lights, Taillights
49 (*4)	R HEAD LIGHT HIGH	10	<a href="#">100-8</a> ('99 Canada <a href="#">100-10</a> ('00-'04 Canada <a href="#">100-12</a> )	Right headlight high beam
50	CONDENSER FAN	20	<a href="#">10-13</a>	Condenser fan motor
51	SUN ROOF	30	<a href="#">10-14</a>	Moonroof motor
52	POWER SEAT AS	30	<a href="#">10-14</a>	Front passenger's power seat recline and slide motors
53	FR FOG	15 (*3) 20 (*4)	<a href="#">10-14</a>	Fog lights
54	ETS	20	<a href="#">10-14</a>	Power mirror control unit ('96-'98), Steering column control unit
55	METER	15	<a href="#">10-14</a>	Gauge assembly, Power mirror defogger
56	BACK UP RADIO	7.5	<a href="#">10-15</a>	Automatic lighting control unit, Climate control unit, Clock, DPMS, Gauge assembly, Multiplex control unit, Navigation control unit, OnStar control unit (*8), OnStar system interface unit (*8), Powertrain control module (PCM), Security system, Stereo sound system, XM satellite radio unit ('04)
57	INTERIOR LIGHTS	20	<a href="#">10-16</a>	Audio unit, Ceiling lights, Cigarette lighter, Courtesy lights, Front spotlights, HomeLink system, Ignition key light, Trunk light, Vanity light (*4)
58	WIPER	30	<a href="#">10-17</a>	Windshield wiper motor

\*1: '96-'97

\*2: '98

\*3: '96-'98

\*4: '99-'04

\*5: '98-'99

\*6: '96-'99

\*7: '00-'04

\*8: '02-'04



# Ground-to-Components Index

NOTE: All ground wires are BLK unless otherwise noted.

Ground	Page	Component or Circuit Grounded
G1	14	Battery, Engine cylinder block
G2	14	Right valve cover
G101	14	Data link connector (DLC), PCM (PG1 and PG2 are BLK; LG1 and LG2 are BRN/BLK), PGM-FI main relay, TCS control unit (2 wires, BRN/BLK) ('96-'99), VSA connector unit (2 BRN/BLK) ('00-'04)  Shielding between the PCM and these components (all have BRN/BLK wires): CKP/CYP sensor, Countershaft speed sensor, Knock sensors, Left and right primary HO2S, Mainshaft speed sensor, Secondary HO2S
G102	14-1	Shielding between the spark plug voltage detection module and the ignition coils
G151	14-1	Ignition control module (ICM) (2 wires)
G201	14-2	A/C pressure switch, Hood switch, Horns ('96-'98), Keyless buzzer, Right fog light, Right front parking light ('96-'98), Right front side marker light, Right front turn signal light ('96-'98), Right front turn signal/parking lights ('99-'04), Right headlight low beam ('99-'04), Security horn ('99-'00)..... plus everything grounded through G202
G202	14-2	Spark plug voltage detection module ..... plus everything grounded through G201
G251	14-3 (*1) and 14-4 (*2)	ABS pump motor, ABS pressure switch ('96-'97), Cigarette lighter relay, Driver's power window relays A & B ('98-'04), Front seat heater relay, Navigation display unit, Power window master switch relay ('98-'04), Seat heater switches for both front seats '99-'04 only: Accessory power socket, Automatic lighting control unit, Clock, Cruise control main switch, Daytime running lights control unit (Canada), Door multiplex control unit, Driver's door latch (2 wires), Driver's door key cylinder switch, Driver's door lock switch, Driver's multiplex control unit, Driver's power window motor, Gauge assembly, Glove box light, Ignition key switch, Immobilizer control unit, Left rear door latch, Power mirror control unit, Power seat control unit, Power window relay, Select/Reset switch, Steering column control unit, Steering column switch, Turn signal/hazard relay, Trunk opener switch, VSA modulator/control unit ('00-'04)
G301	14-6	Accessory power socket relay ('99-'04), ABS front and rear fail-safe relays ('96-'97), Brake fluid level switch ('99-'04), Cruise control actuator, Dimmer relay, Front seat heater relay ('98-'04), Gauge relay, Left headlight low beam ('99-'04), Left fog light, Left front parking light ('96-'98), Left front turn signal light ('96-'98), Left front turn signal/parking light ('99-'04), Left front side marker light ('99-'04), Power window master switch relay ('96-'97), Radiator fan main relay, Windshield wiper intermittent relay, Windshield wiper motor relay
G302	14-7	Brake fluid level switch ('96-'98), Left front side marker light ('96-'98), Radiator fan motor, Windshield washer motor, Windshield wiper motor

\*1: '96-'98

\*2: '99-'04

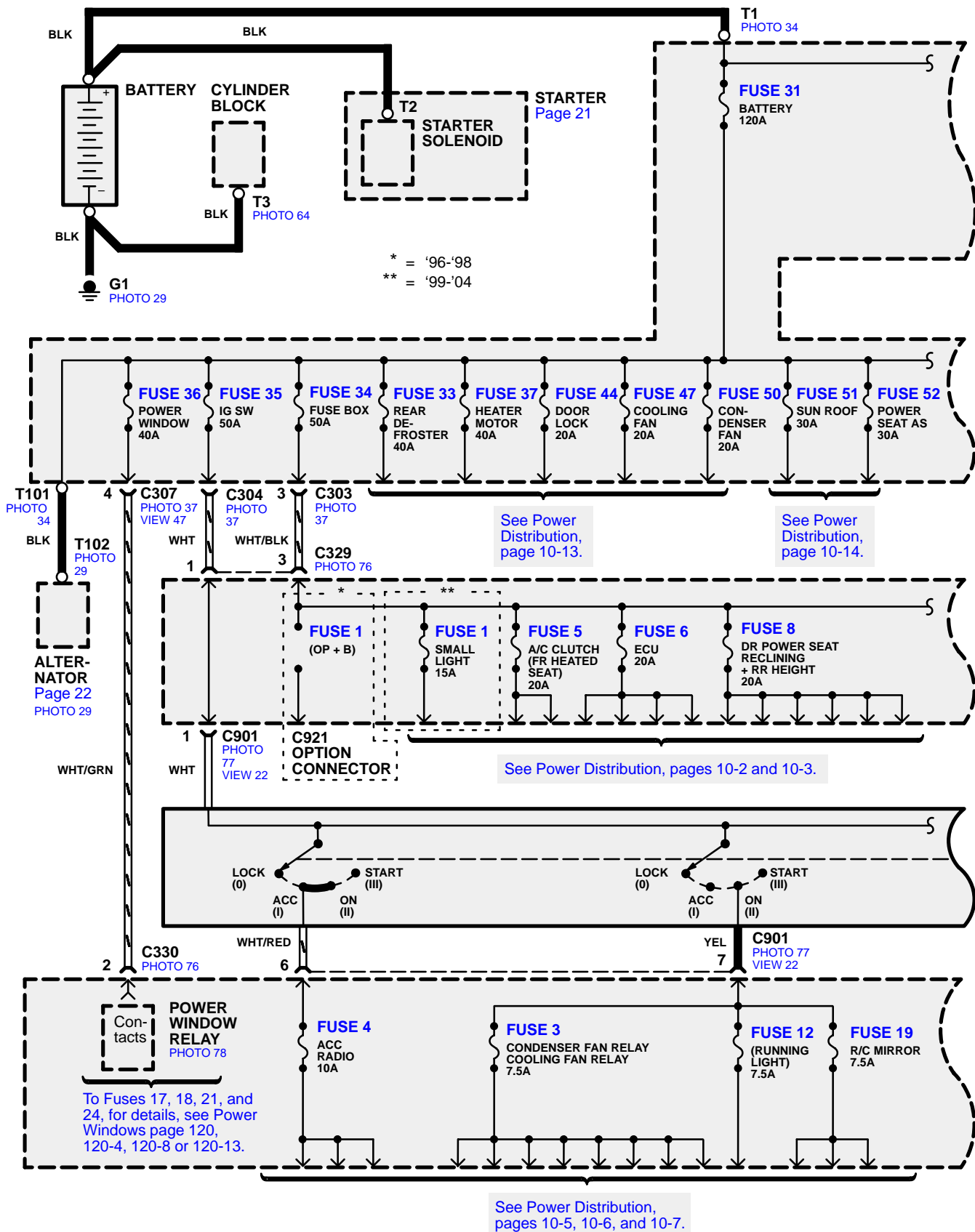


# Ground-to-Components Index

Ground	Page	Component or Circuit Grounded
G401	14-8 (*1) and 14-10 (*2)	Automatic dimming mirror, Cigarette lighter, Combination light switch (2 wires), Cruise control unit, Front/Rear ceiling lights, Gauge assembly, Left power mirror, Left rear door latch, Power mirror control unit, Power mirror switch, Steering column control unit (2 wires: '96-'98, 1 wire: '99-'04), Steering column switch, Vanity lights, VSA modulator control unit ('00-'04), Windshield wiper/washer switch ..... plus everything grounded through G402 For '96-'98 only: Automatic lighting control unit, Clock, Cruise control main switch, Daytime running lights control unit (Canada), Door multiplex control unit, Driver's door latch (2 wires), Driver's door key cylinder switch, Driver's door lock switch, Driver's multiplex control unit, Driver's window motor, Gauge assembly, Glove box light, Ignition key switch, Immobilizer control unit, Left rear door latch, Power window relay, Select/Reset switch, Steering column control unit, Turn signal/hazard relay, Trunk opener switch
G402	14-12	ABS control unit (3 wires on '96-'97, 2 wires on '98-'99), A/T gear position switch, Audio unit, Blower motor high relay, Climate control unit, Data link connector (DLC), Fan control unit, Front fog light switch (USA), Front passenger's door key cylinder switch, Front passenger's door latch (2 wires), Front passenger's door lock switch, Multiplex control inspection connector, Park pin switch, Passenger's multiplex control unit (2 wires), Power transistor, Rear window defogger switch, Right power mirror, Shielding between audio unit and stereo amplifier with Bose sound system ('96 model), VSA converter unit ('00-'04).....plus everything grounded through G401
G403	14-19	Audio unit, Shielding between audio unit and stereo amplifier with Bose sound system ('97-'04), Shielding for all VSA components
G404	14-13	ABS control unit (2 wires), Blower motor relay, Passenger's multiplex control unit, Trunk opener main switch, VSA converter unit ('00-'04)
G601	14-14	Front passenger's occupant detection system unit ('99-'04), Front passenger's seat belt switch, Front passenger's seat heater, OnStar control unit (*3), Right rear door ashtray light, Right rear door latch (2 wires), Right rear window switch ('98-'04), TCS control unit, Yaw rate lateral/acceleration sensor shield ('00-'04)..... plus everything grounded through G641
G602	14-15	Keyless control unit, Moonroof open and close relays, Shielding between moonroof relays and motor, Yaw rate lateral/acceleration sensors Shield ('00-'04)
G603	14-15	Navigation unit, Stereo amplifier (2 wires) (Bose sound system)
G641	14-14	Front passenger's power seat switch, ..... plus everything grounded through G601
G651	14-16	Automatic lighting control unit (USA), Daytime running lights control unit (Canada), Driver's seat belt switch, Driver's lumbar switch, Driver's seat heater, Left rear door ashtray light, Left rear door latch, Left rear window switch ('98-'04), Power seat control unit (2 wires), Traction control unit ('97-'99).....plus everything grounded through G681
G652	14-16	Fuel pump, Fuel tank unit
G681	14-16	Power seat control unit, ..... plus everything grounded through G651
G701	14-17 (*1) and 14-18 (*2)	High mount brake light, Left and right brake lights failure sensors ('99-'04), Left and right license plate lights, Left and right rear turn signal lights, Left and right taillights, XM satellite radio unit ('04), Trailer lighting connector, Trunk latch (3 wires), Trunk key cylinder switch
G801	14-17 (*1) and 14-18 (*2)	SRS unit (2 wires), SRS MES connector ('99-'04)

# Power Distribution

– From Battery to Ignition Switch, Fuses, and Relays

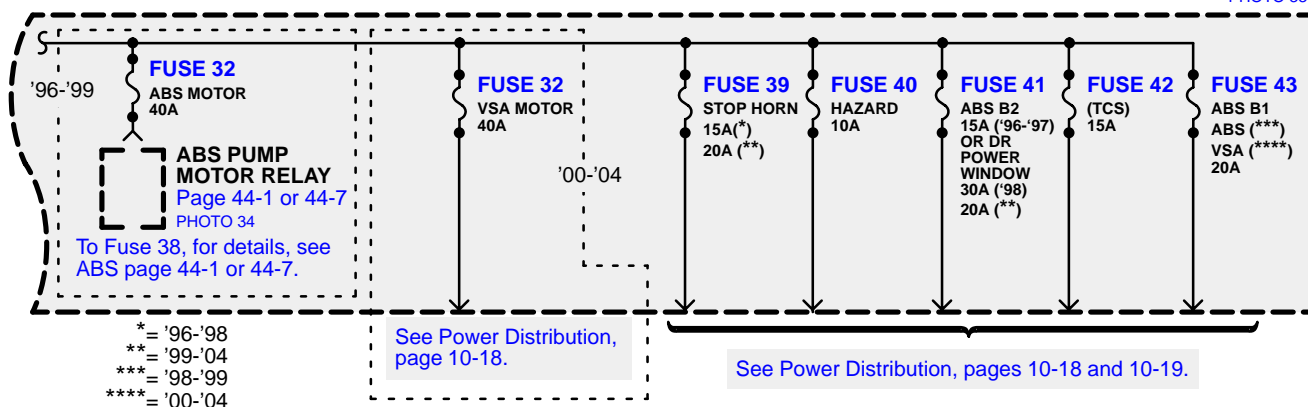




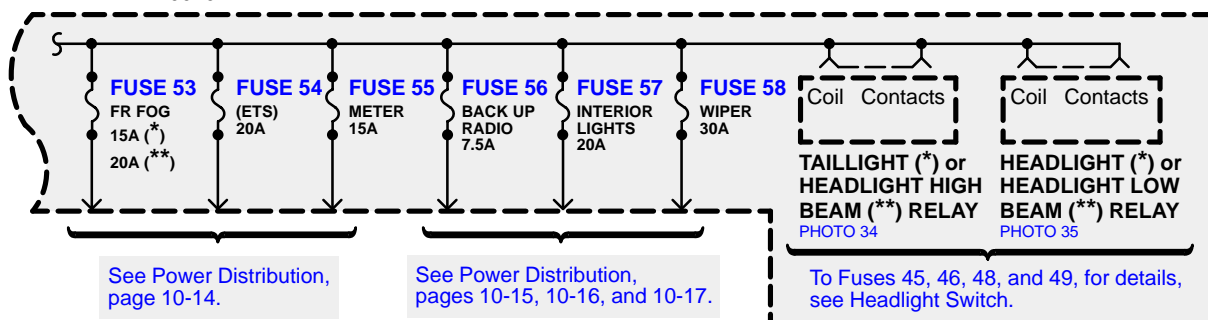
# Power Distribution

– From Battery to Ignition Switch, Fuses, and Relays

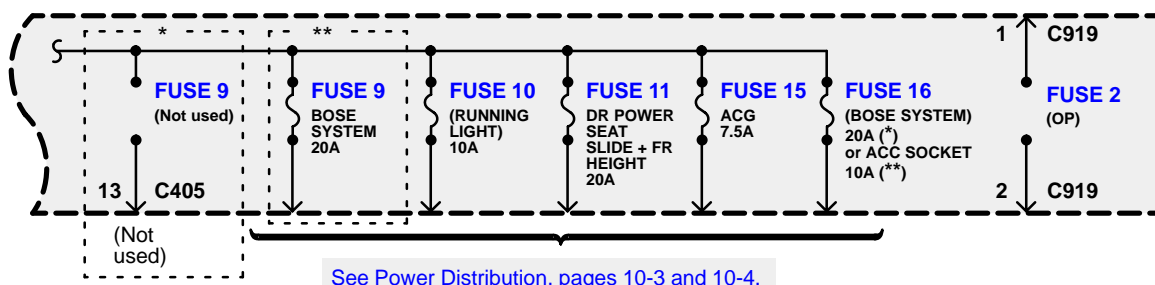
UNDER-HOOD FUSE/RELAY BOX  
PHOTO 33



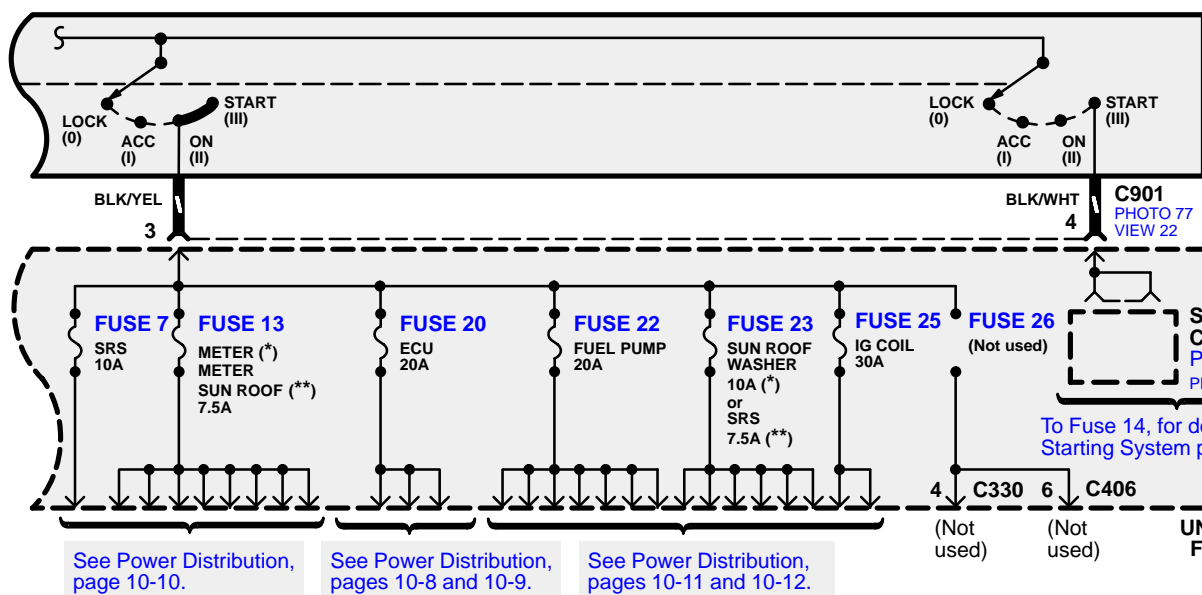
UNDER-HOOD FUSE/RELAY BOX  
PHOTO 33



UNDER-DASH FUSE/RELAY BOX  
PHOTO 75

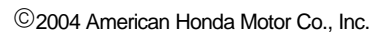


IGNITION SWITCH  
PHOTO 85



## ProCarManuals.com

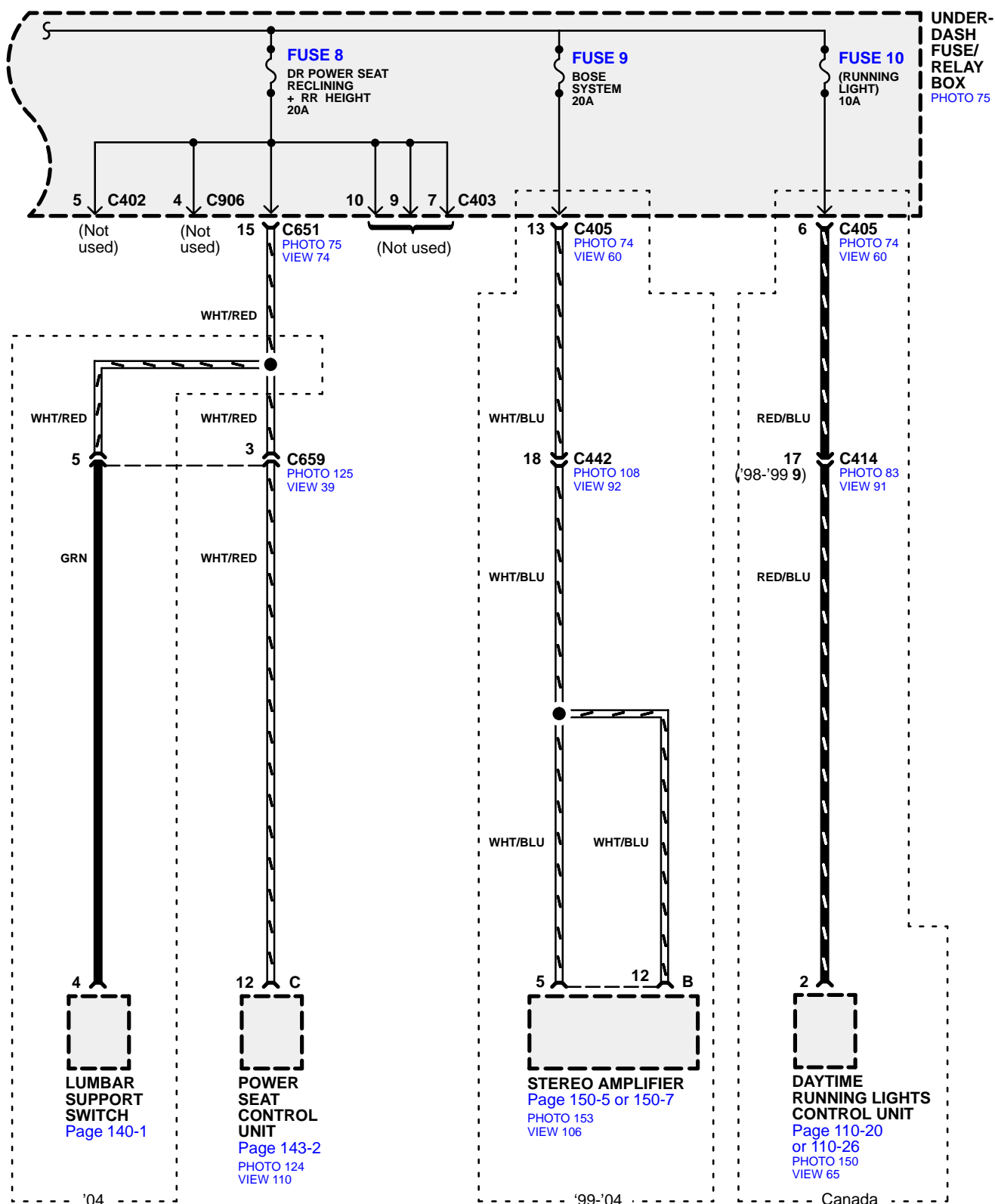
## – From Fuses to Relays and Components





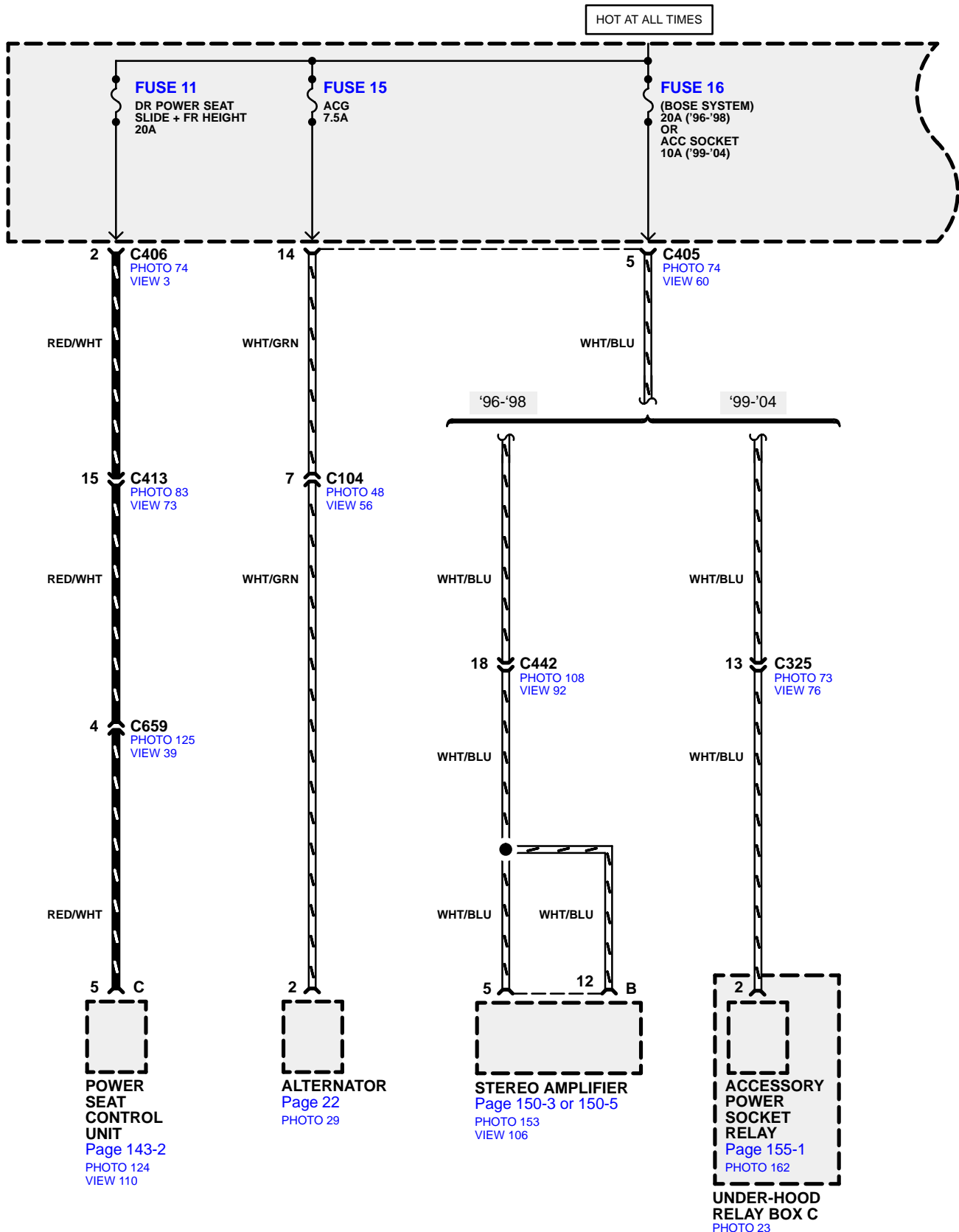
# Power Distribution

## – From Fuses to Relays and Components



# Power Distribution

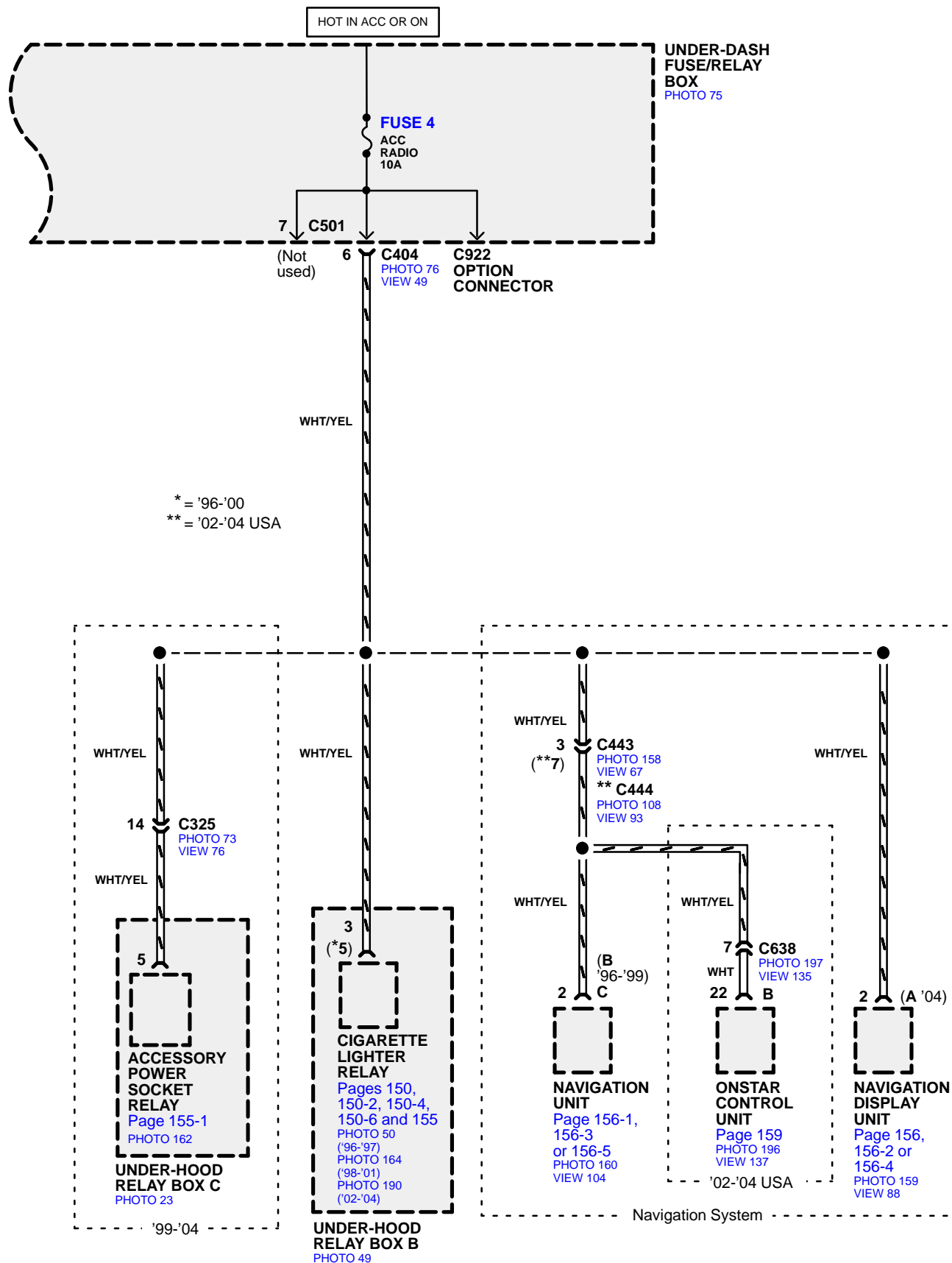
## — From Fuses to Relays and Components





# Power Distribution

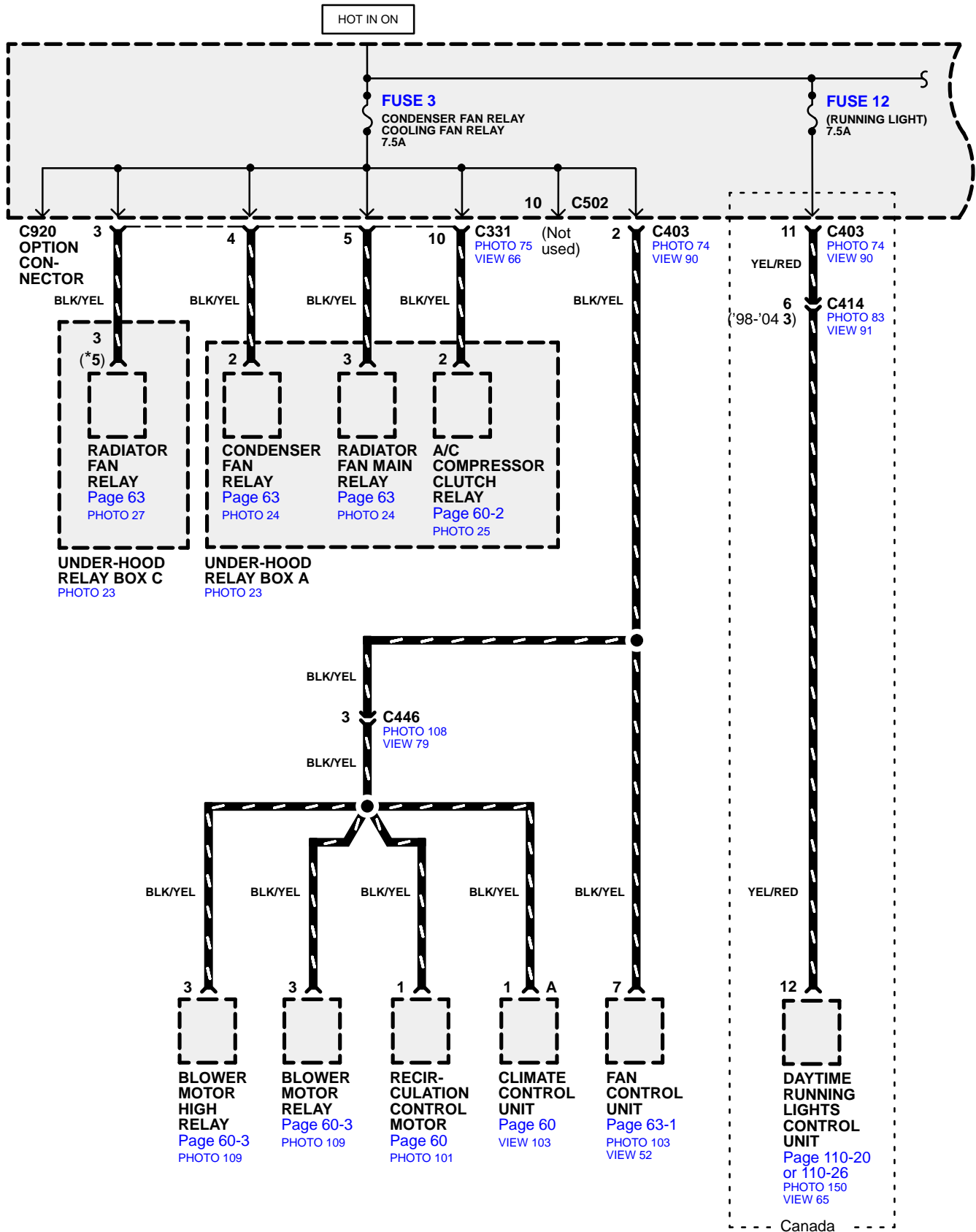
## – From Fuses to Relays and Components





# Power Distribution

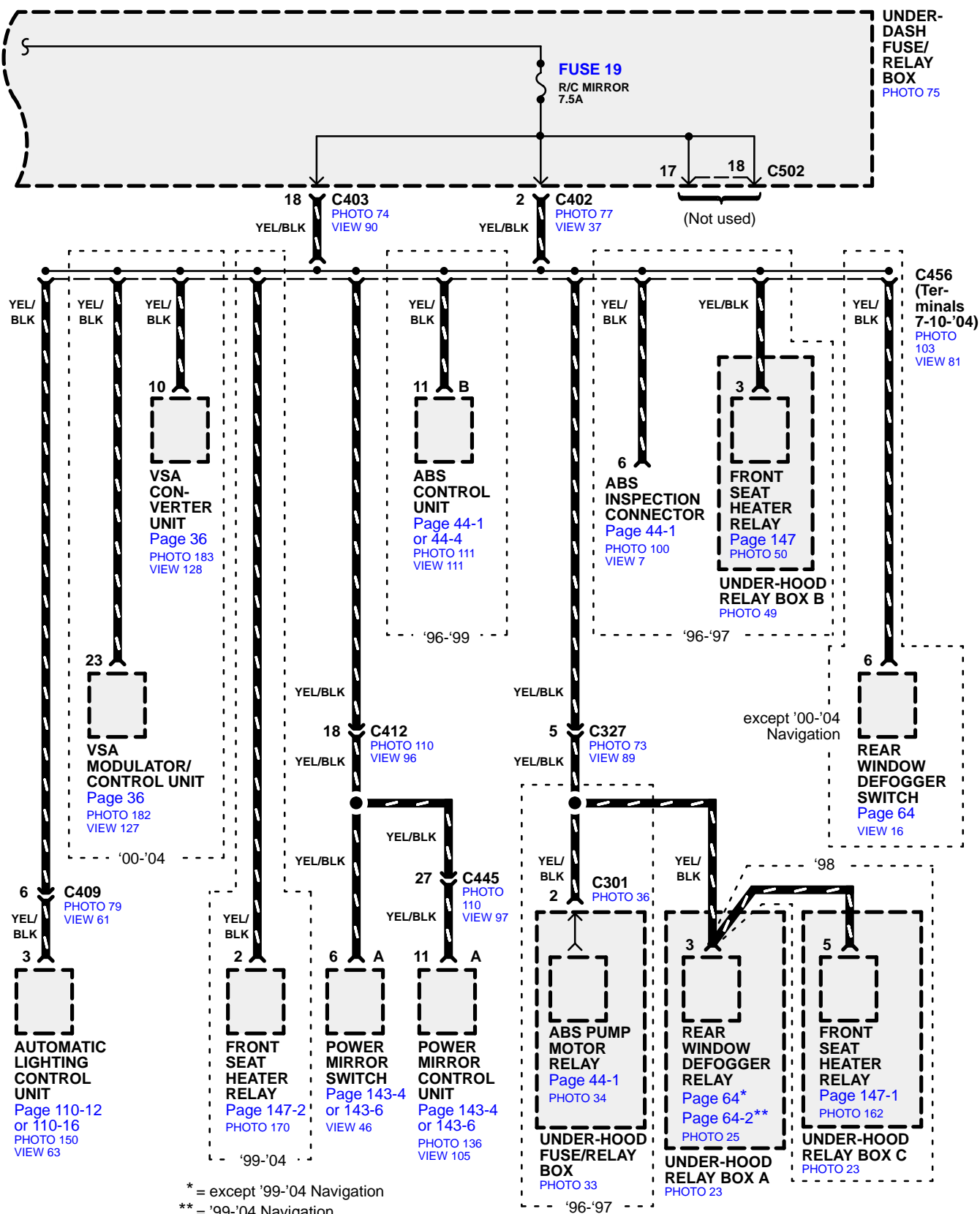
## — From Fuses to Relays and Components





# Power Distribution

## – From Fuses to Relays and Components



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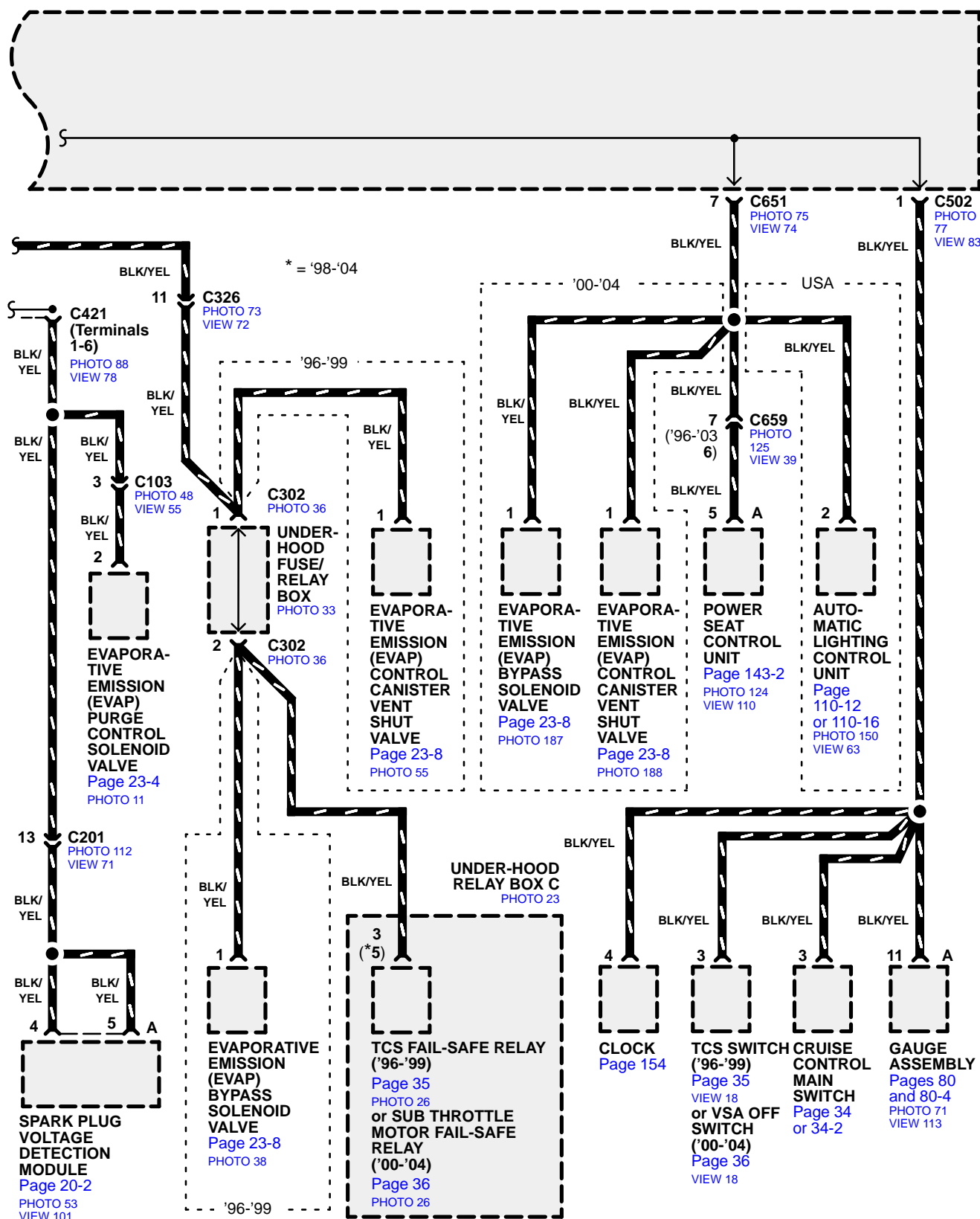




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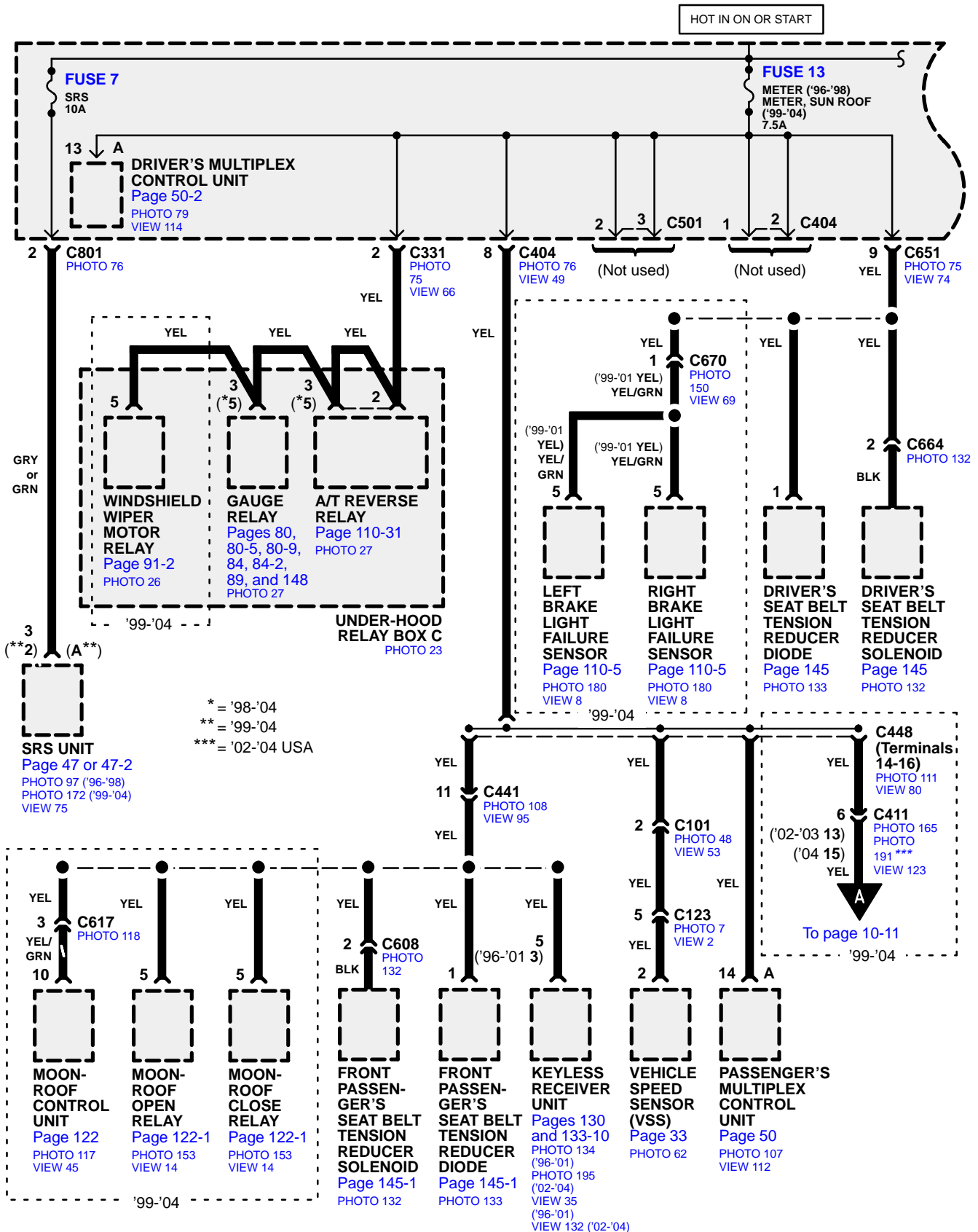
## – From Fuses to Relays and Components

UNDER-DASH FUSE/RELAY BOX  
PHOTO 75



# Power Distribution

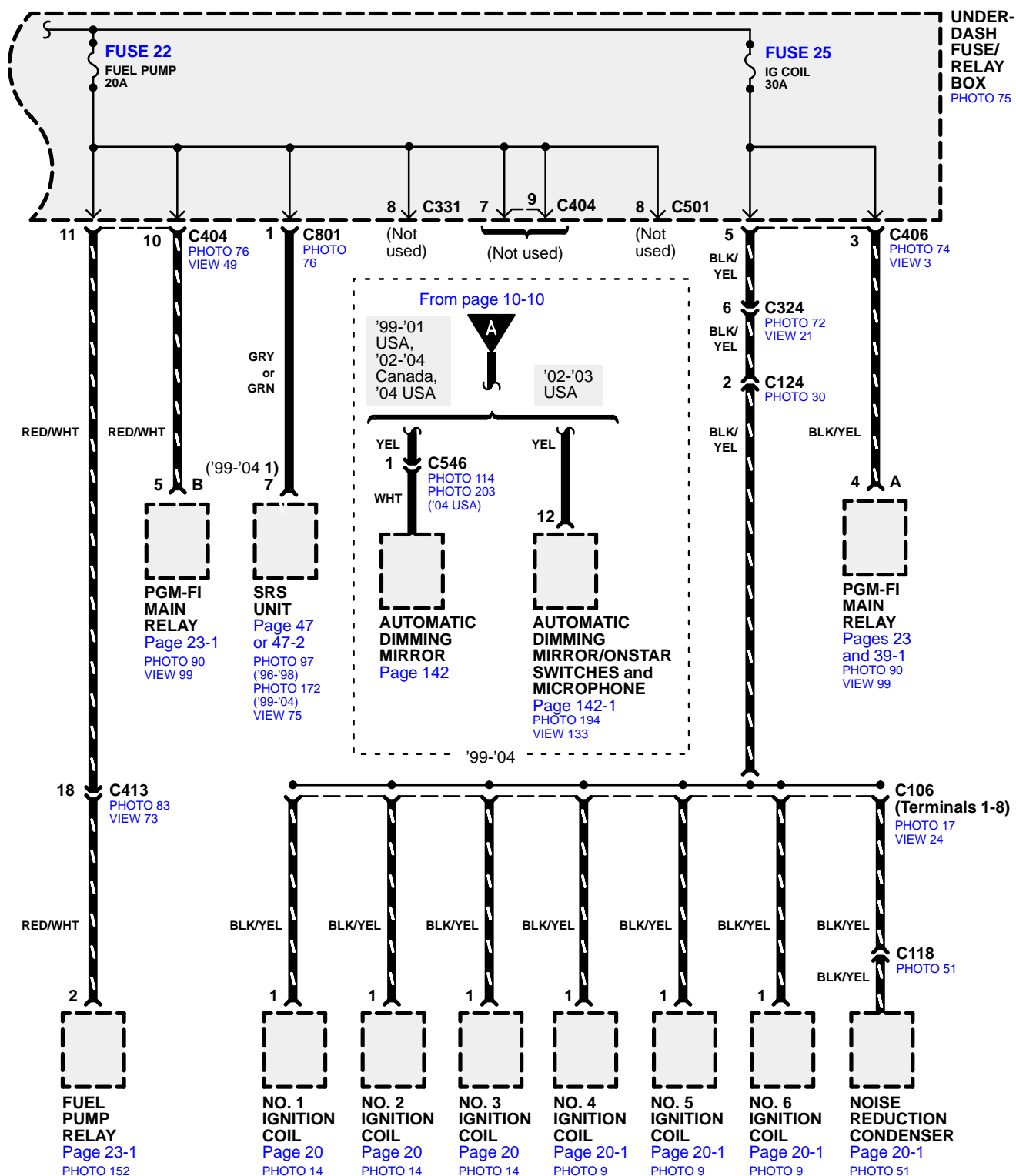
## – From Fuses to Relays and Components





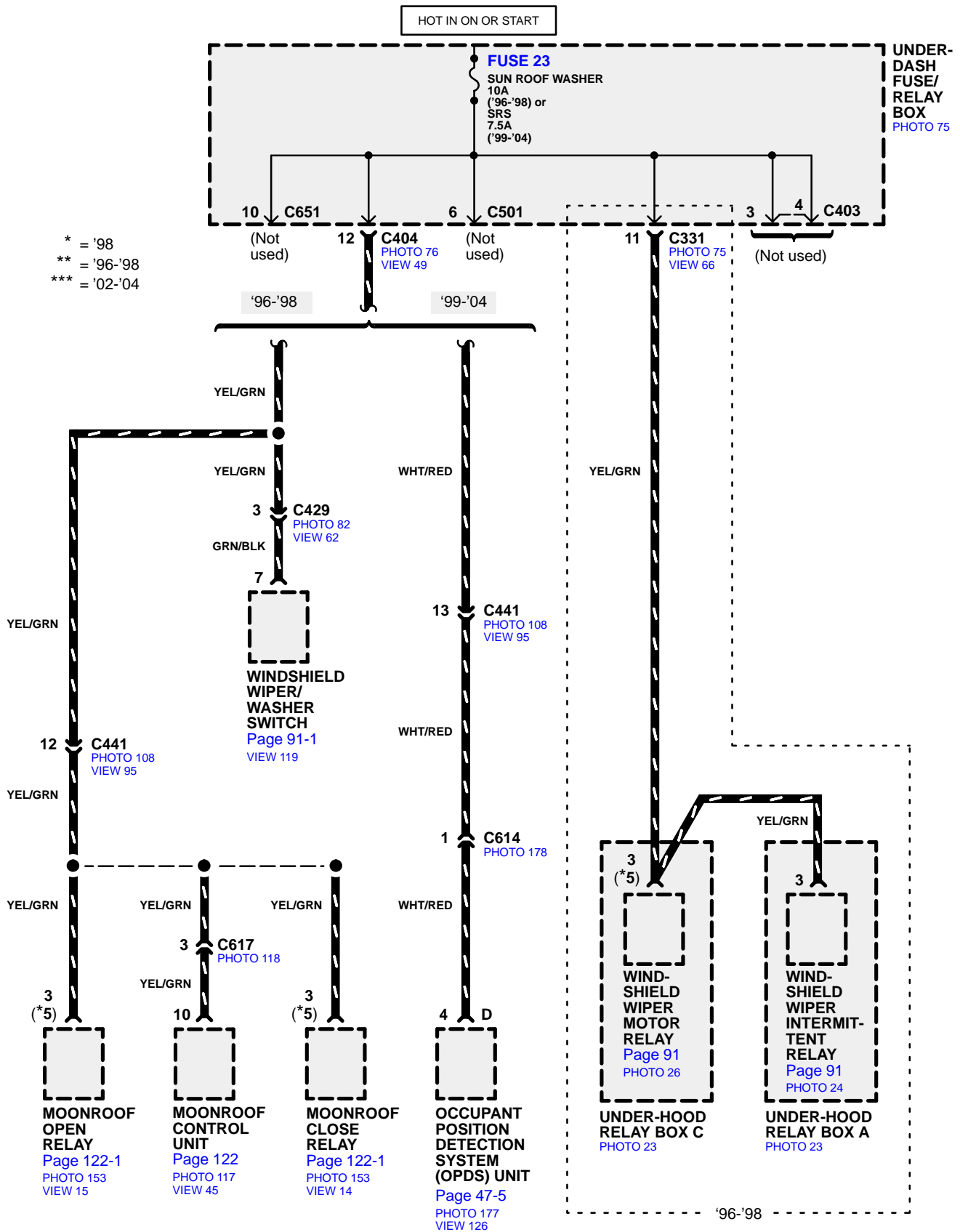
# Power Distribution

## – From Fuses to Relays and Components



# Power Distribution

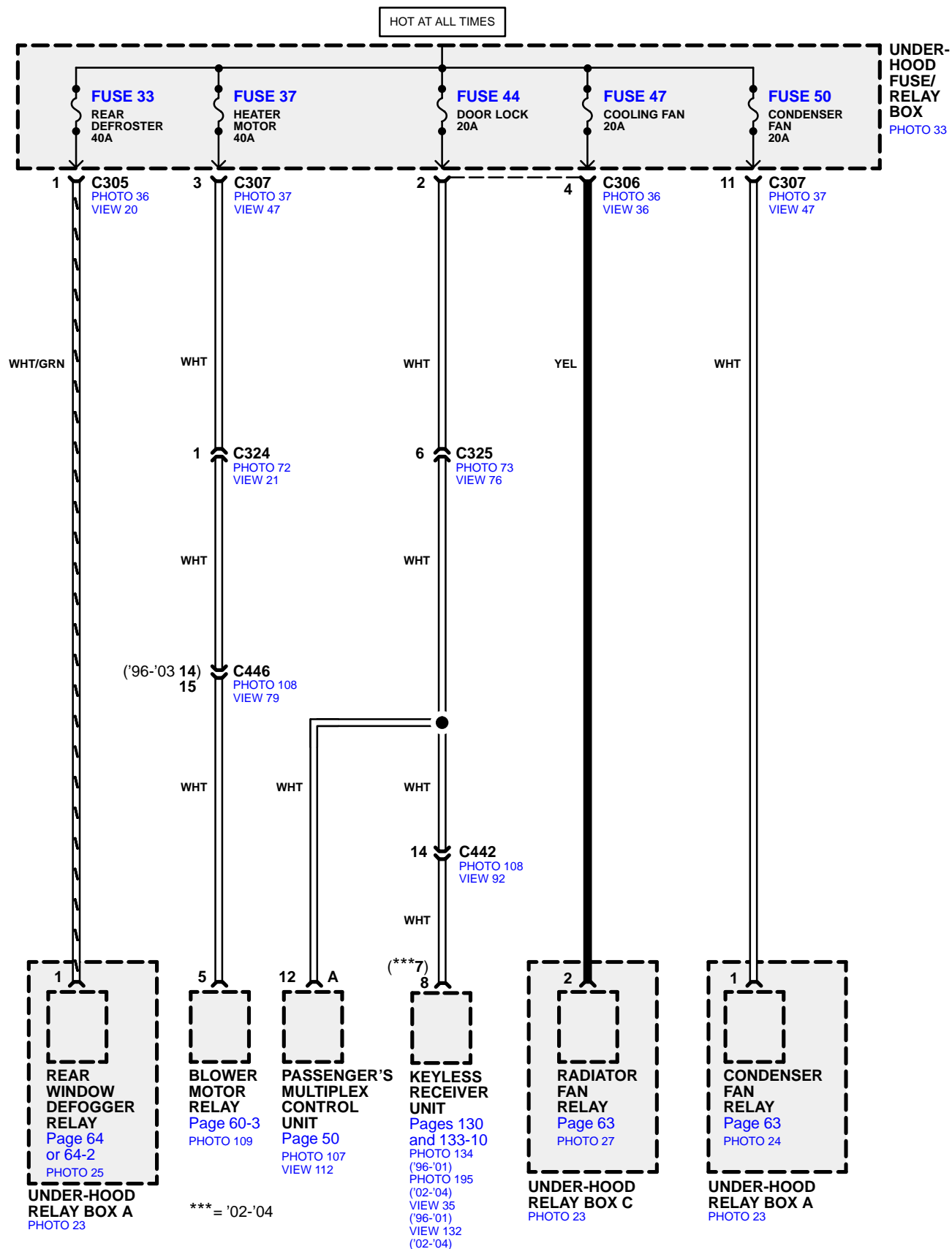
## – From Fuses to Relays and Components





# Power Distribution

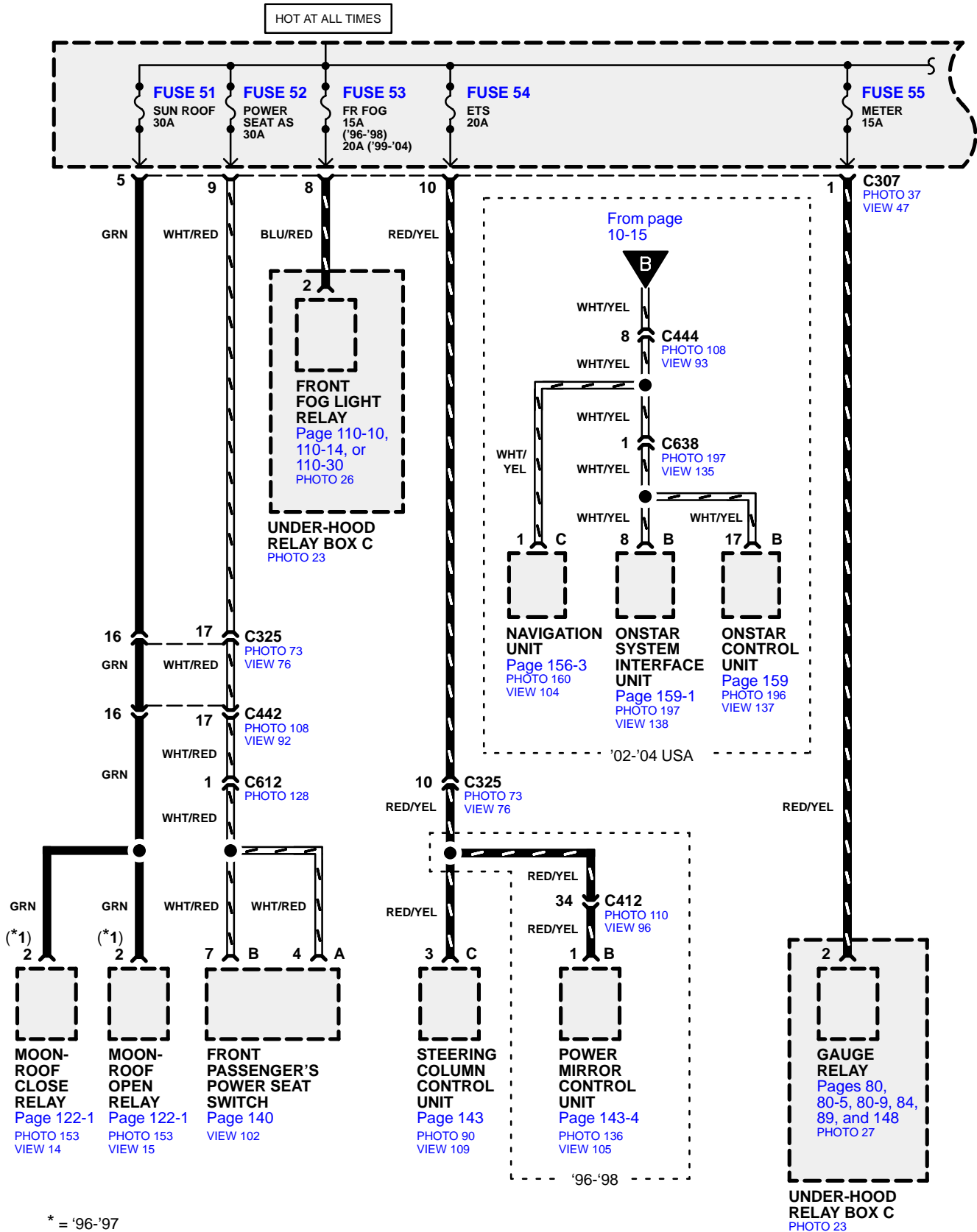
## – From Fuses to Relays and Components





# Power Distribution

## – From Fuses to Relays and Components





## — From Fuses to Relays and Components



ProCarManuals.com

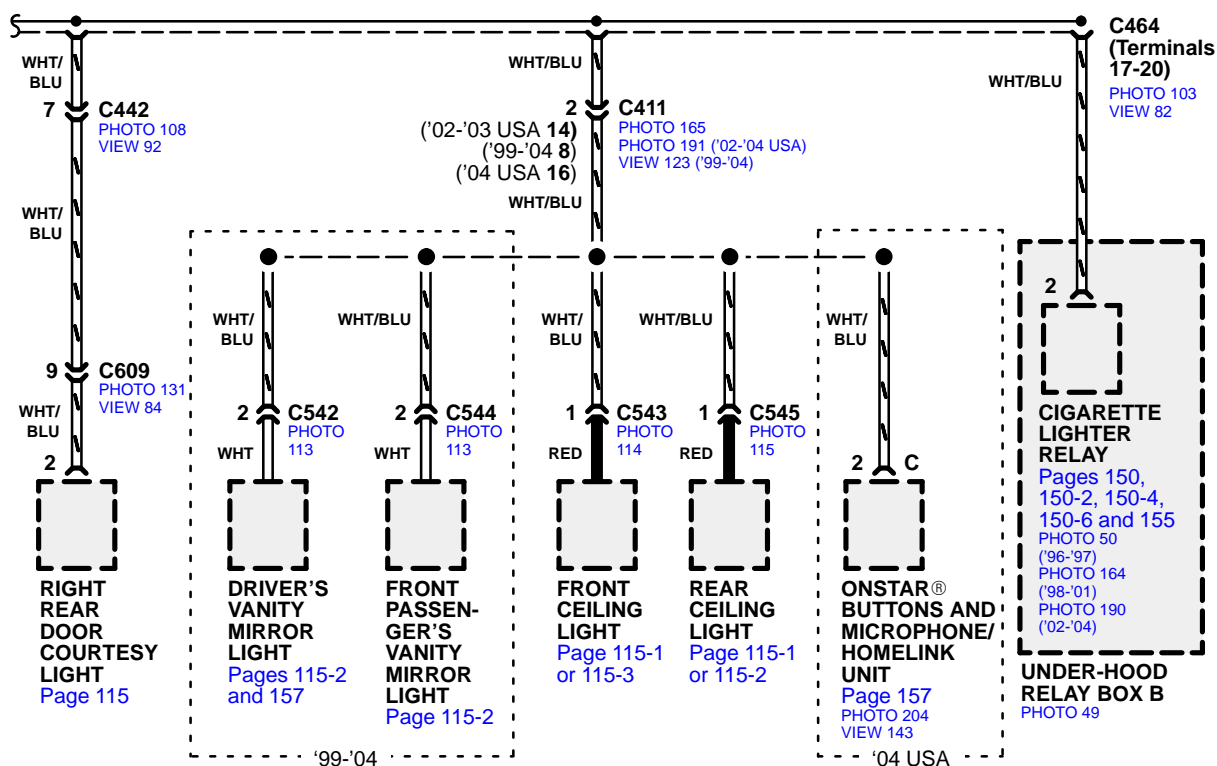
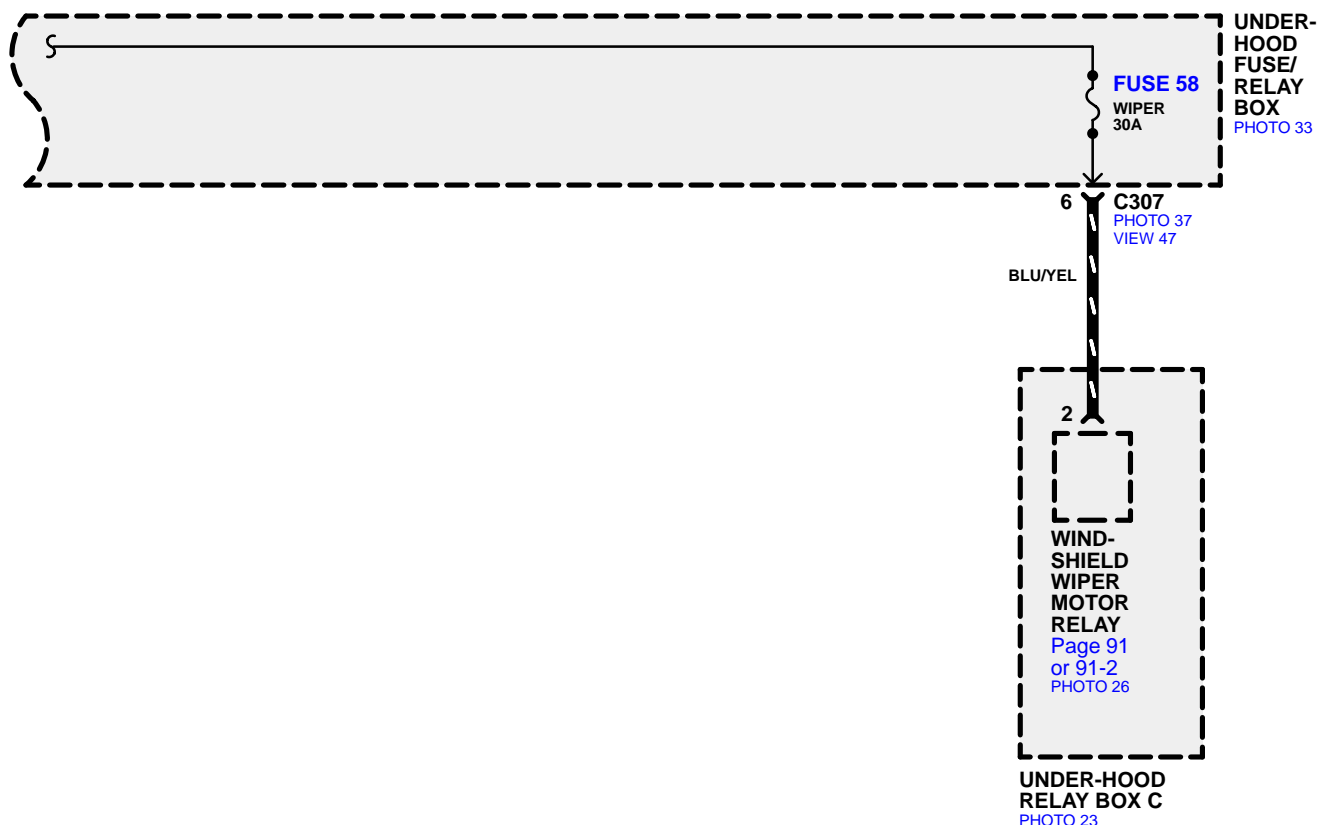
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# Power Distribution

## - From Fuses to Relays and Components



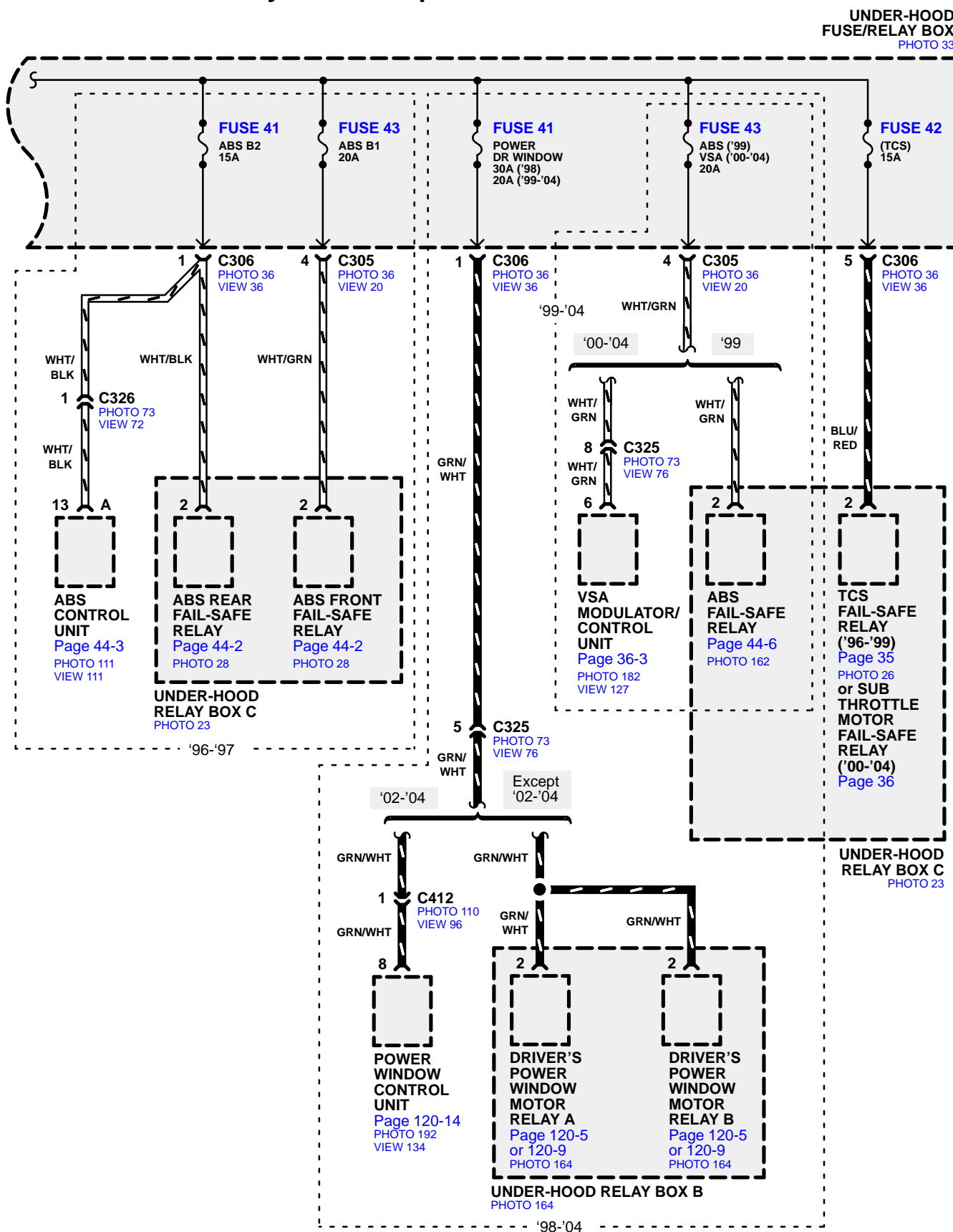
ProCarManuals.com

## – From Fuses to Relays and Components



## Power Distribution

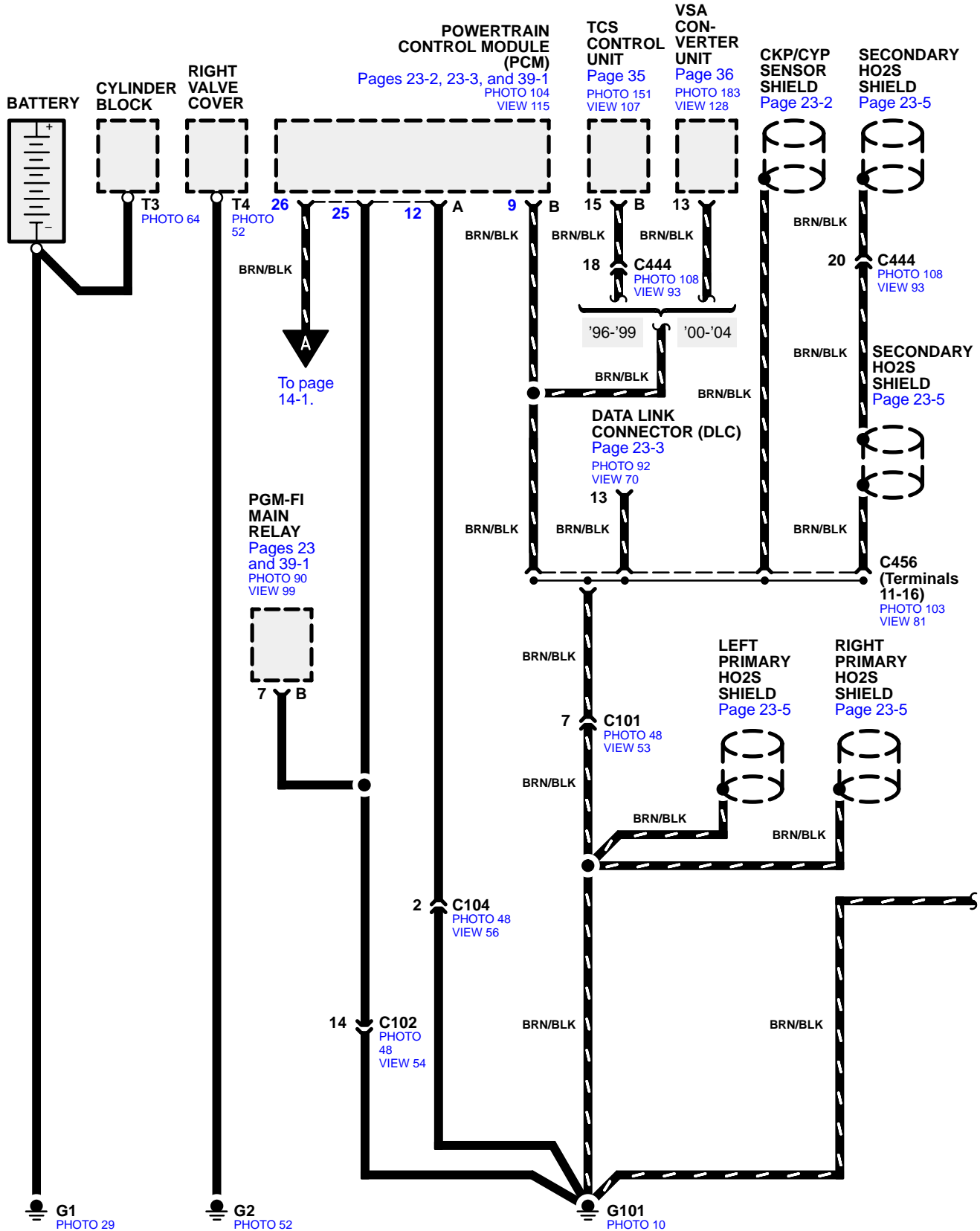
## – From Fuses to Relays and Components



# Ground Distribution

## – G1, G2, G101, G102, and G151

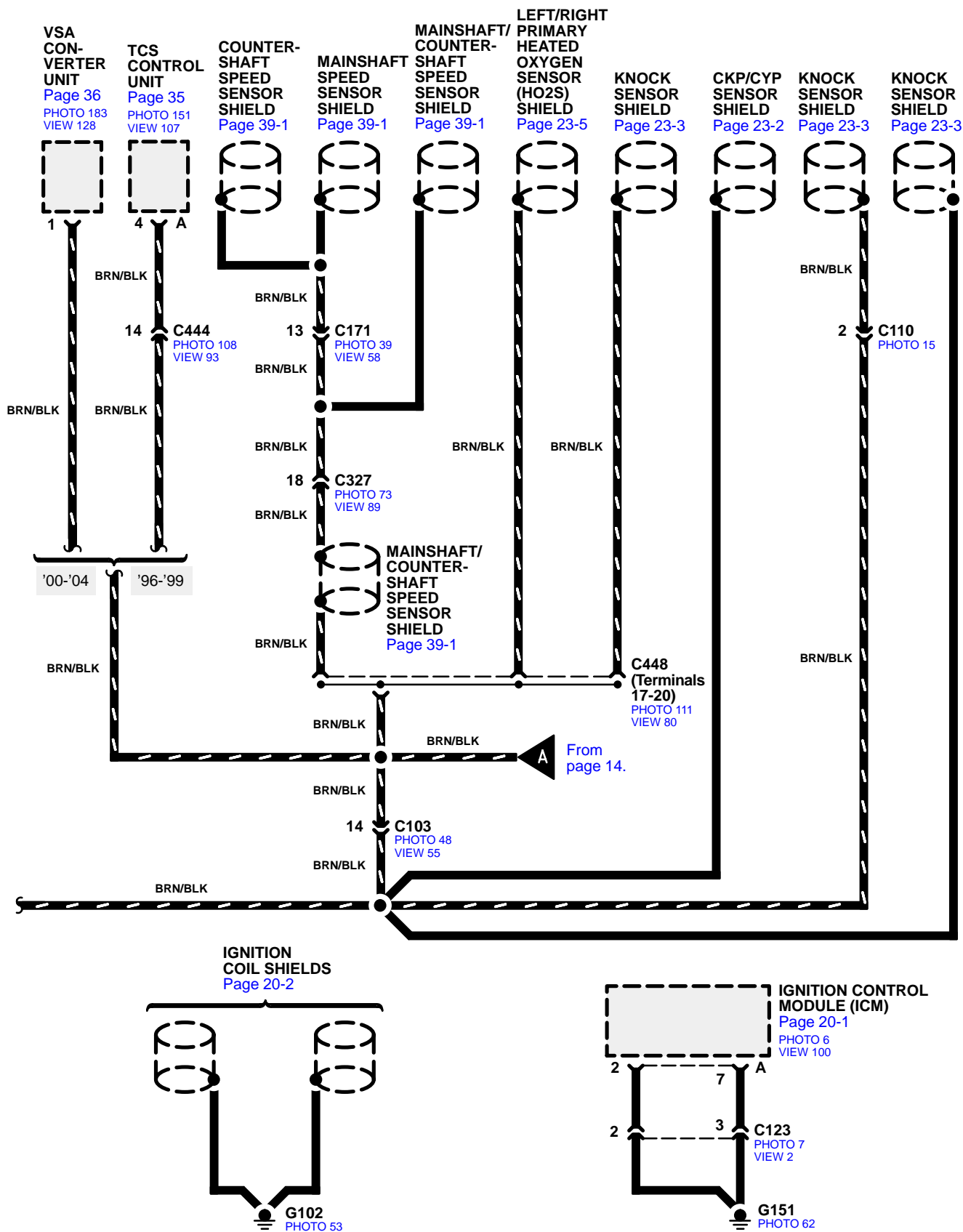
NOTE: Wires shown without color codes are black.





# Ground Distribution

– G1, G2, G101, G102, and G151

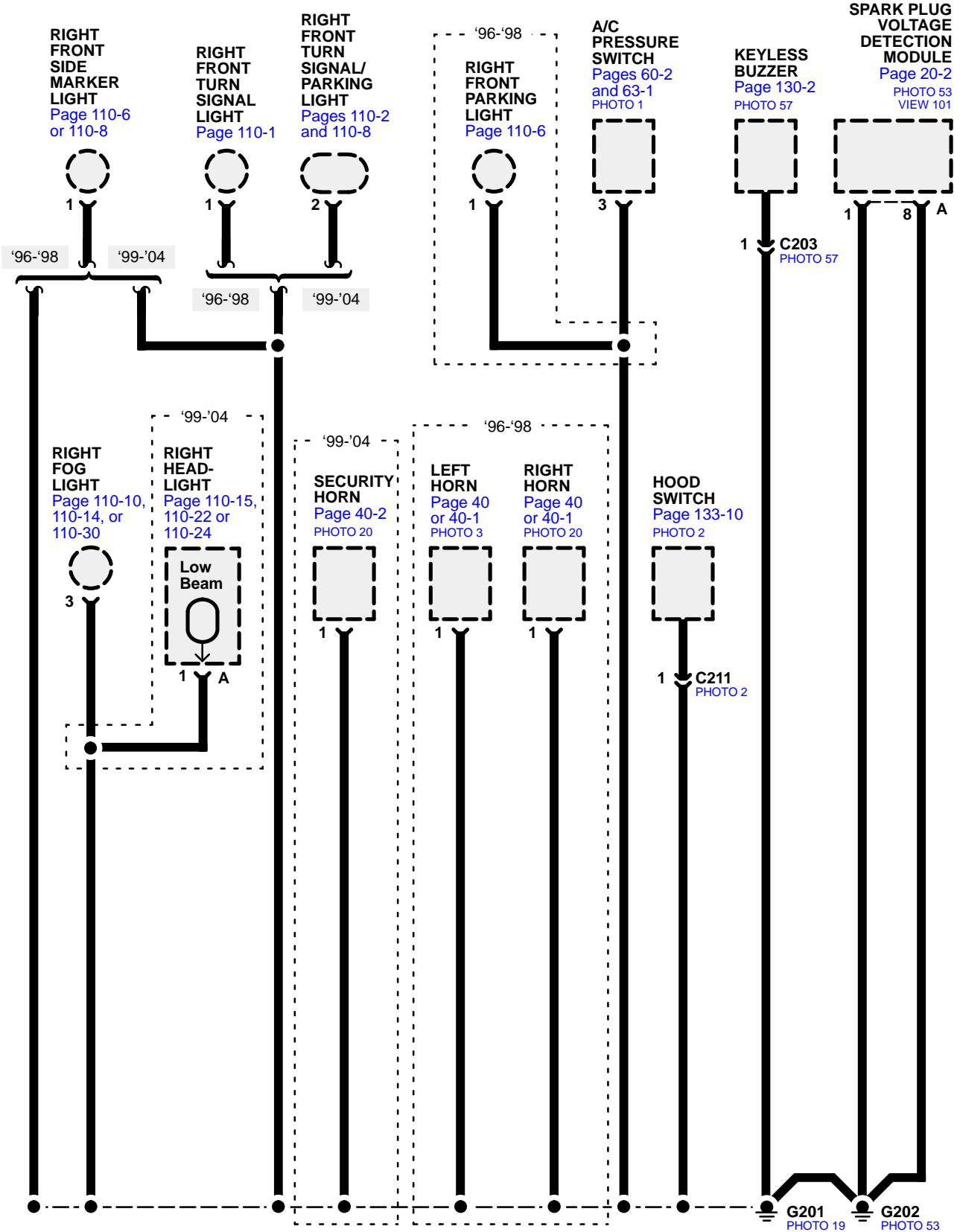




# Ground Distribution

## - G201 and G202

NOTE: Wires shown without color codes are black.



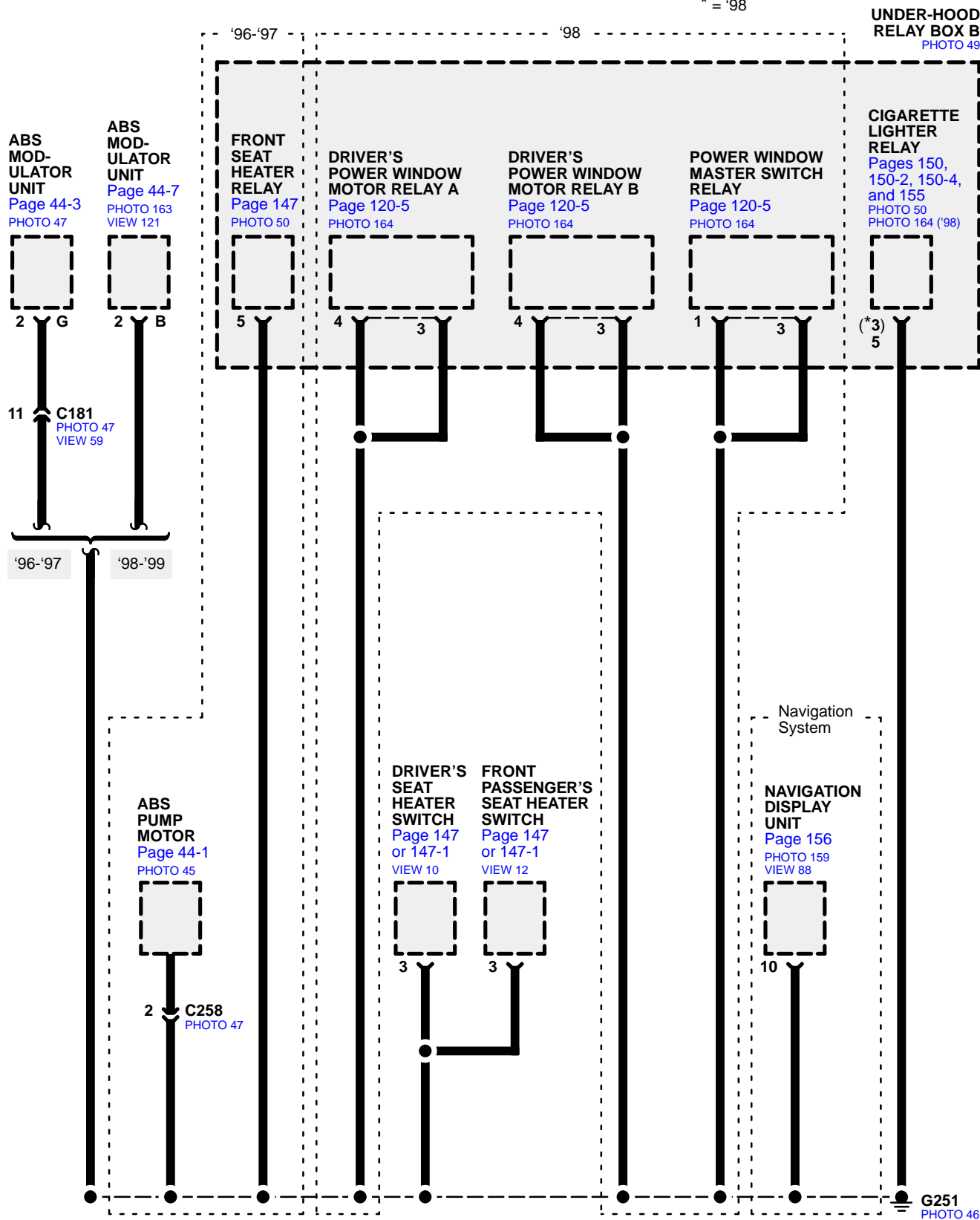


# Ground Distribution

## – G251 ('96-'98)

NOTE: Wires shown without color codes are black.

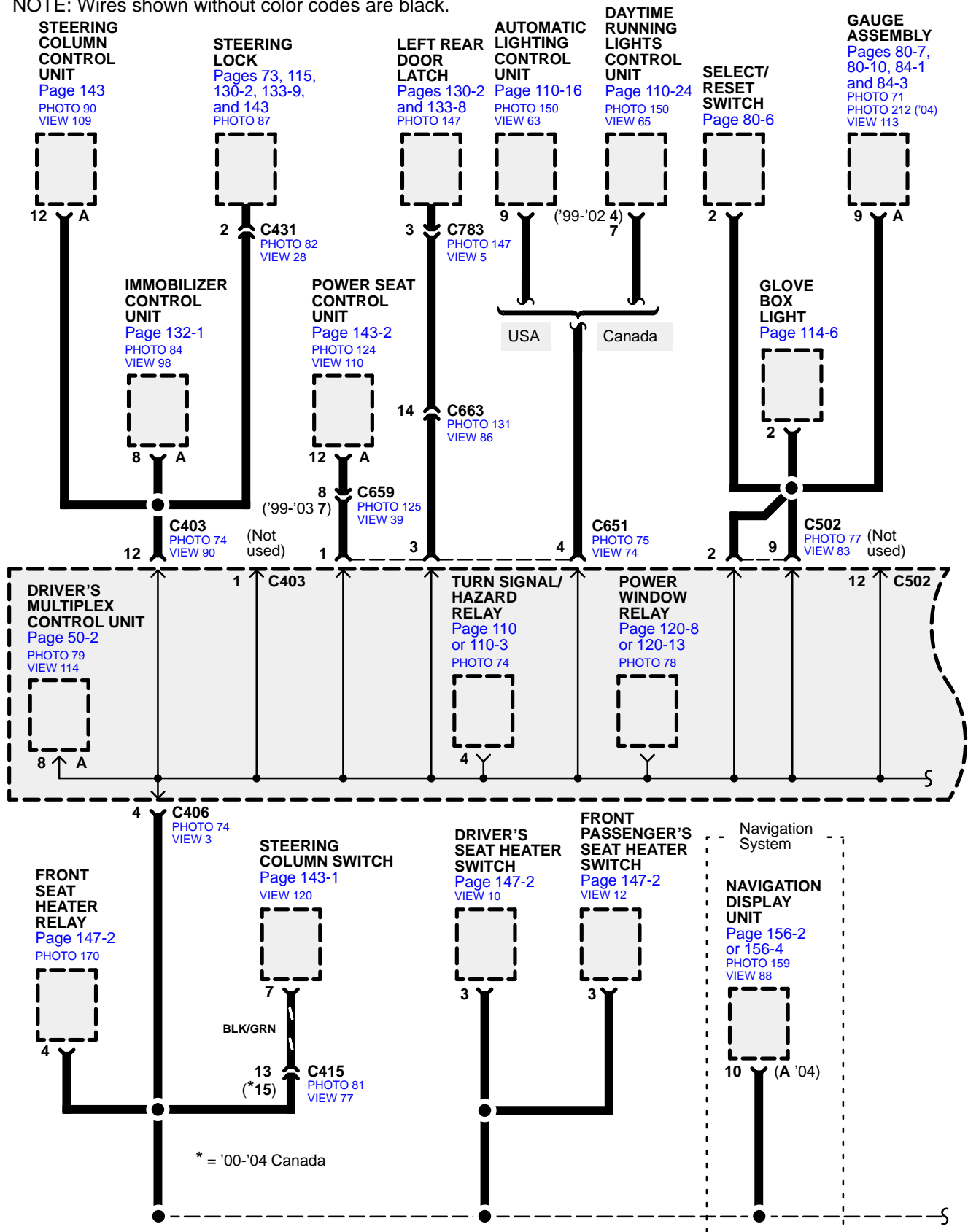
\* = '98



# Ground Distribution

## - G251 ('99-'04)

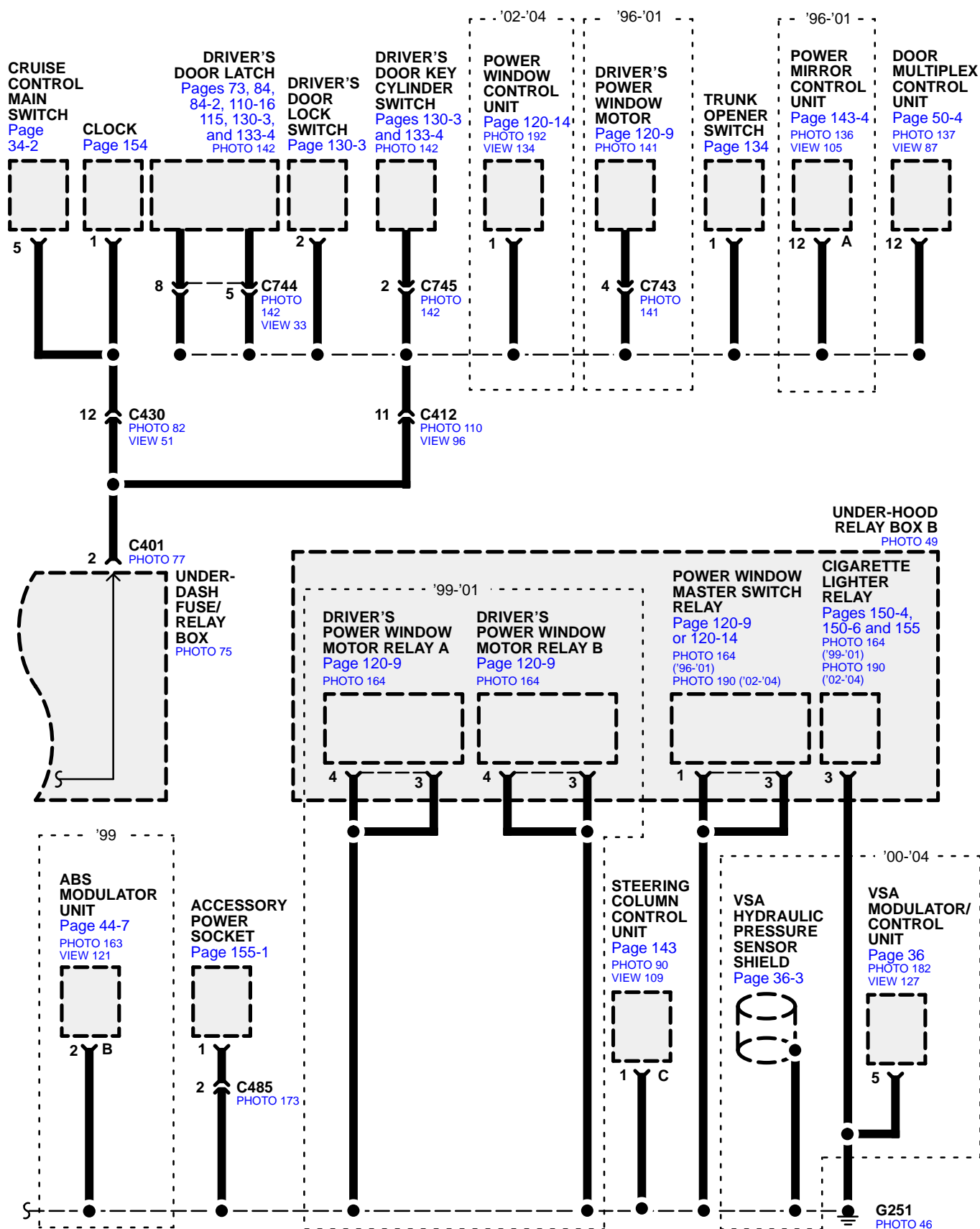
NOTE: Wires shown without color codes are black.





# Ground Distribution

- G251 ('99-'04)



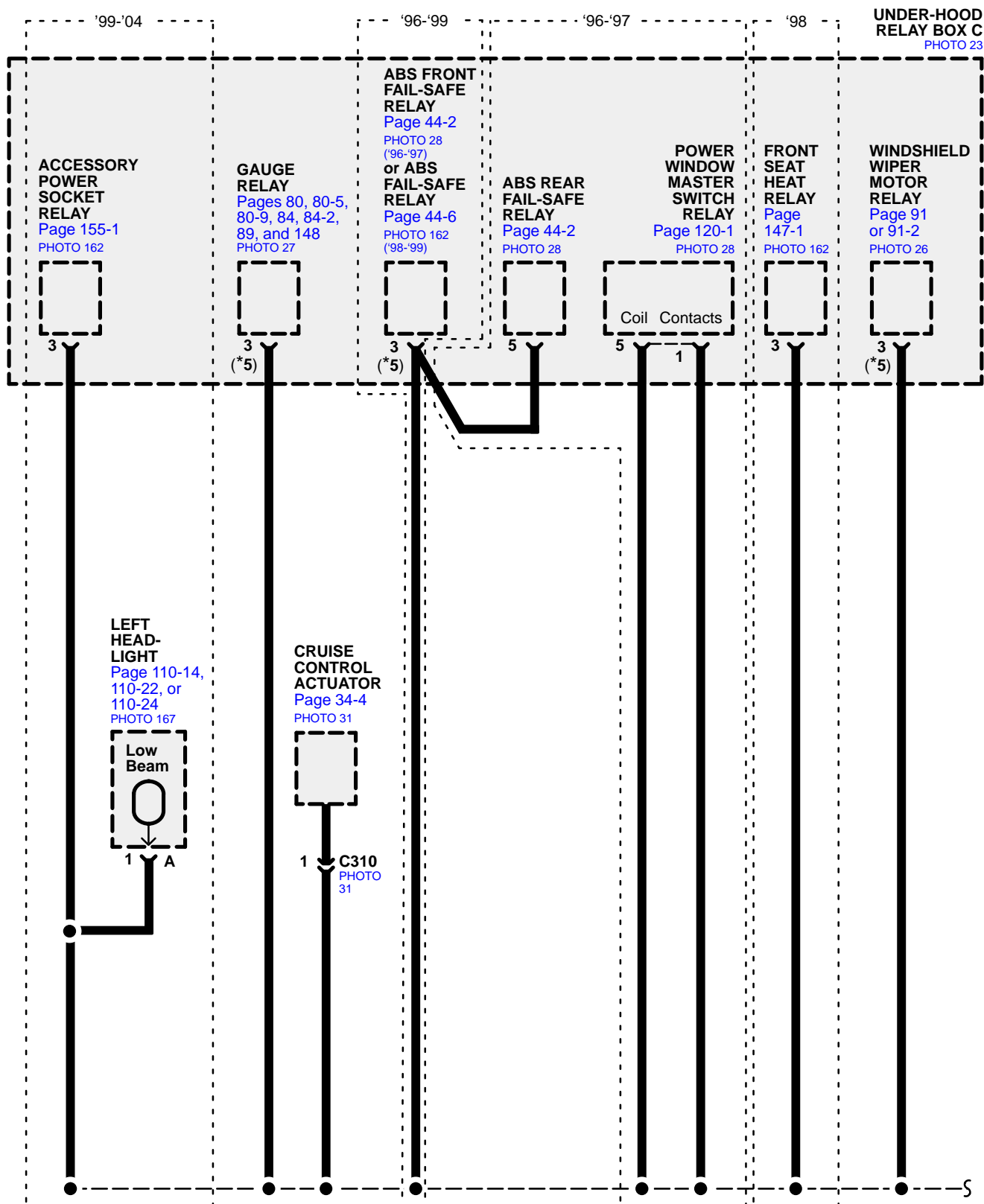
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# Ground Distribution

## - G301 and G302

NOTE: Wires shown without color codes are black.

\* = '96-'97





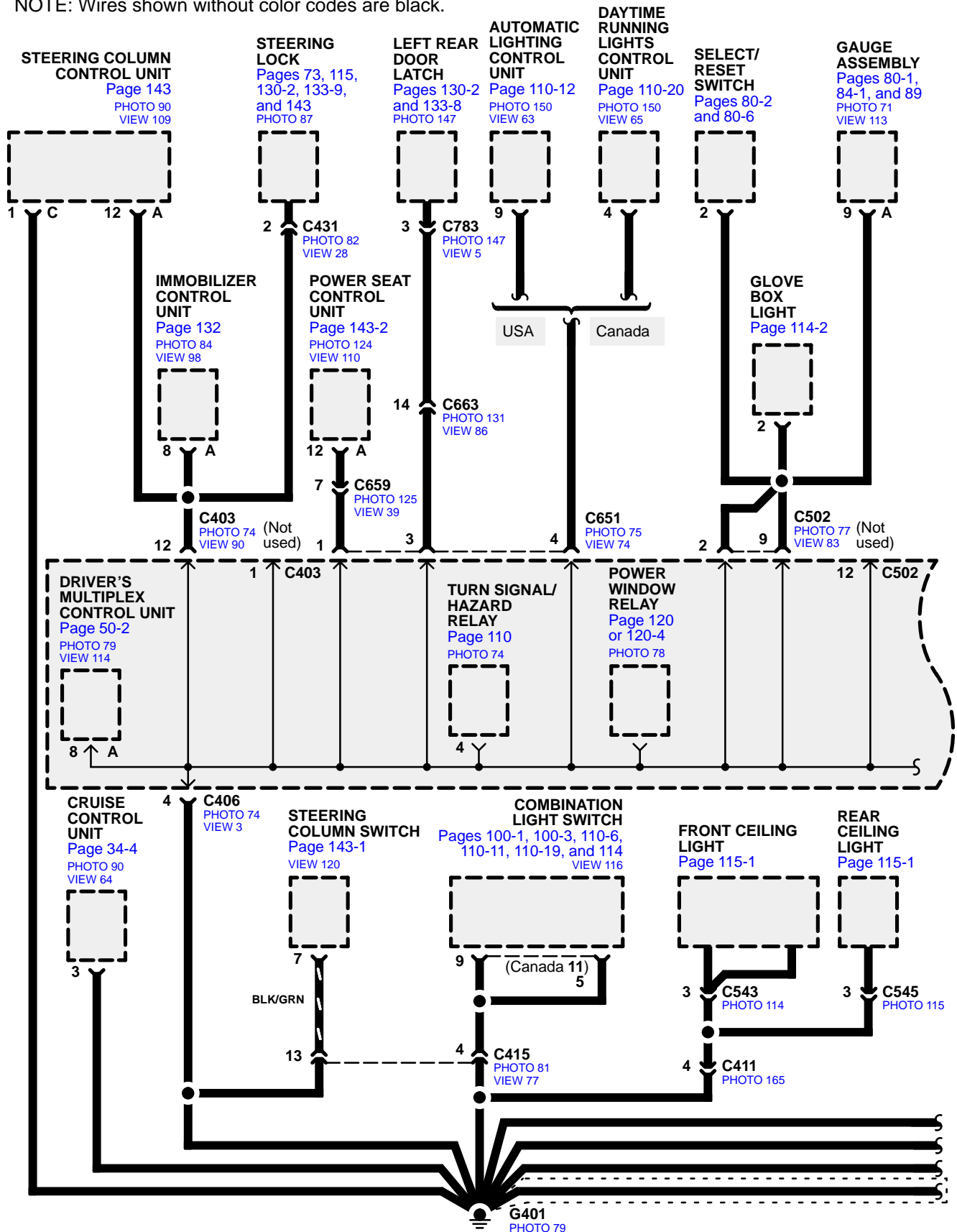
## ProCarManuals.com



# Ground Distribution

## - G401 ('96-'98)

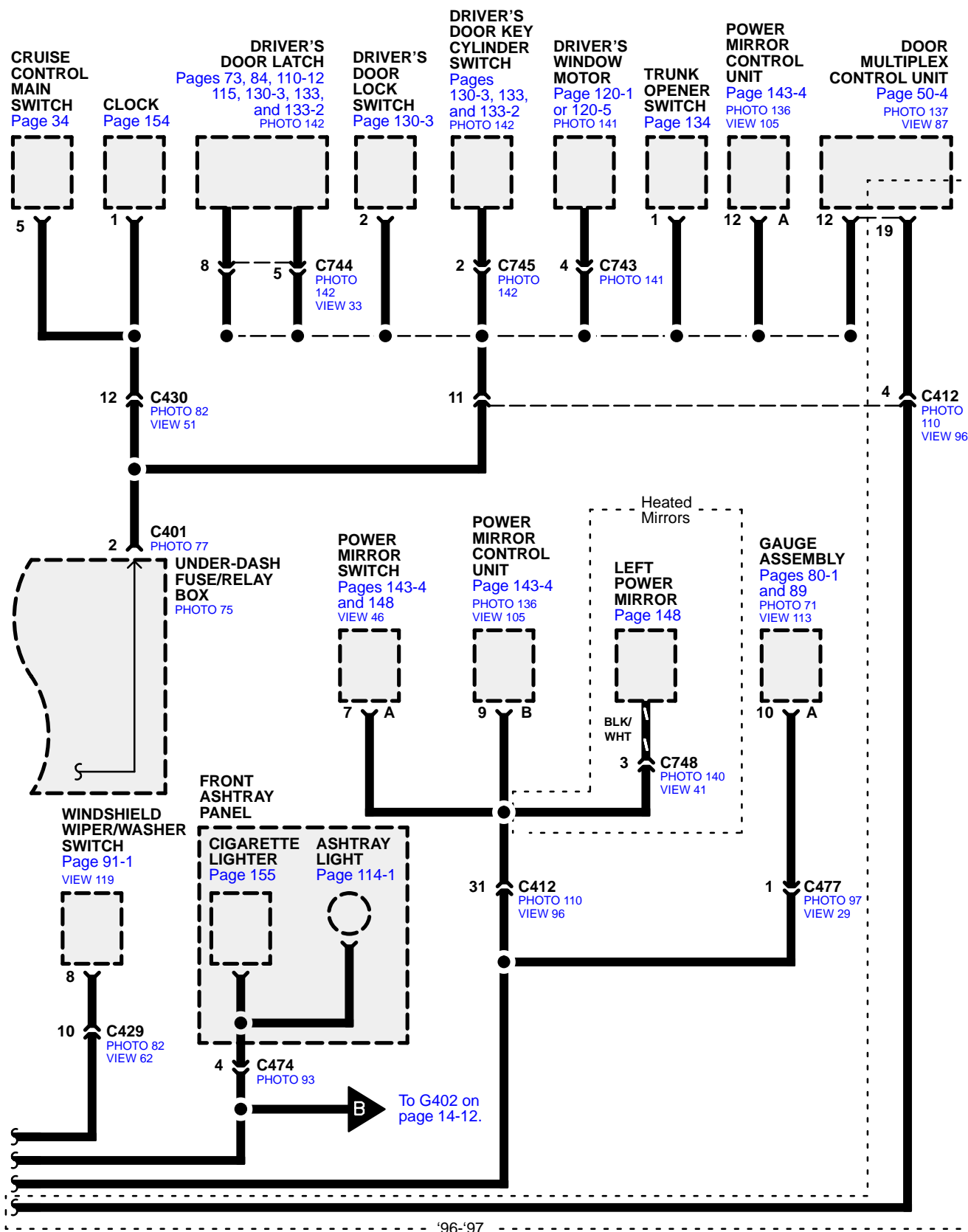
NOTE: Wires shown without color codes are black.





# Ground Distribution

- G401 ('96-'98)

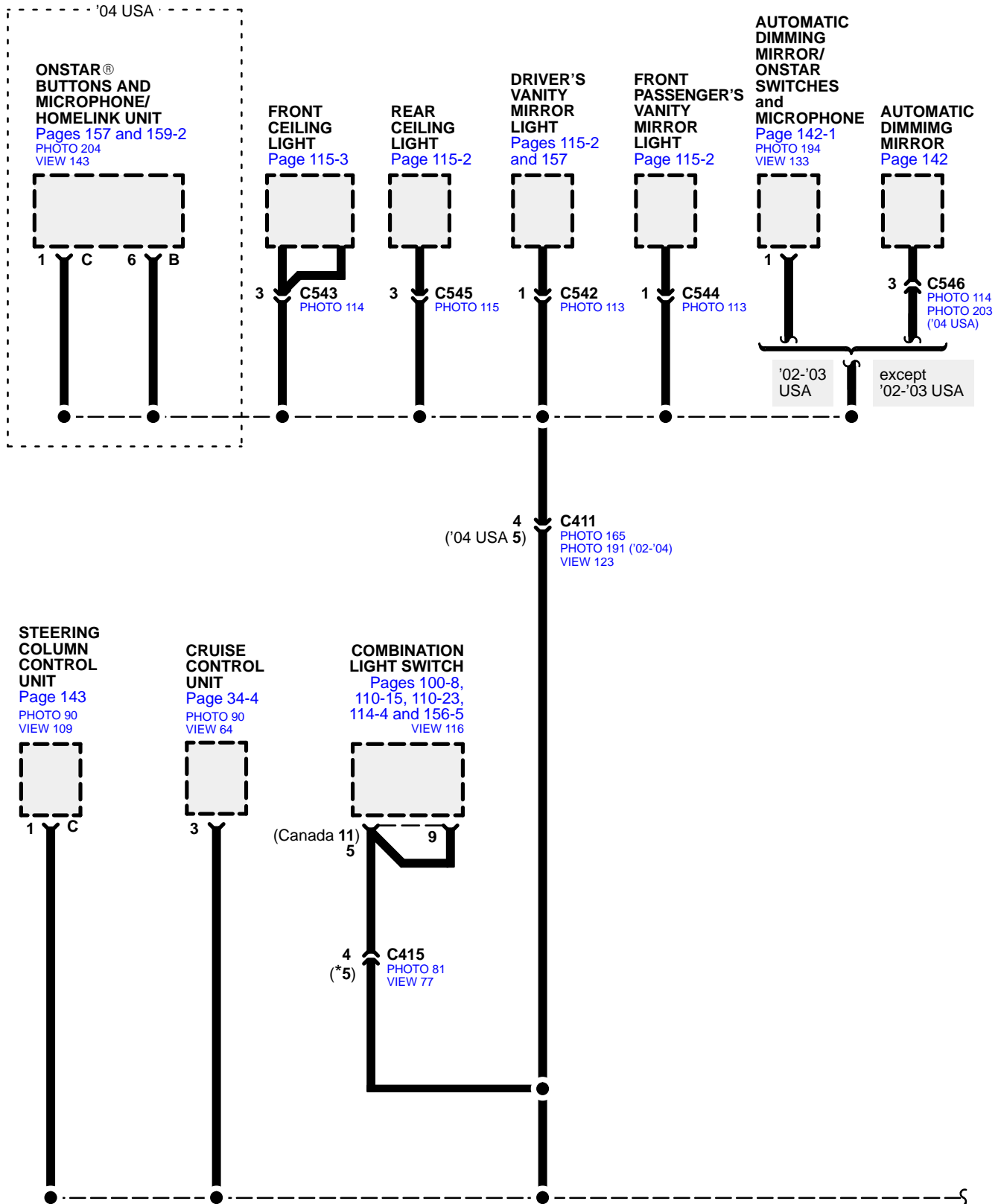




# Ground Distribution

## – G401 ('99-'04)

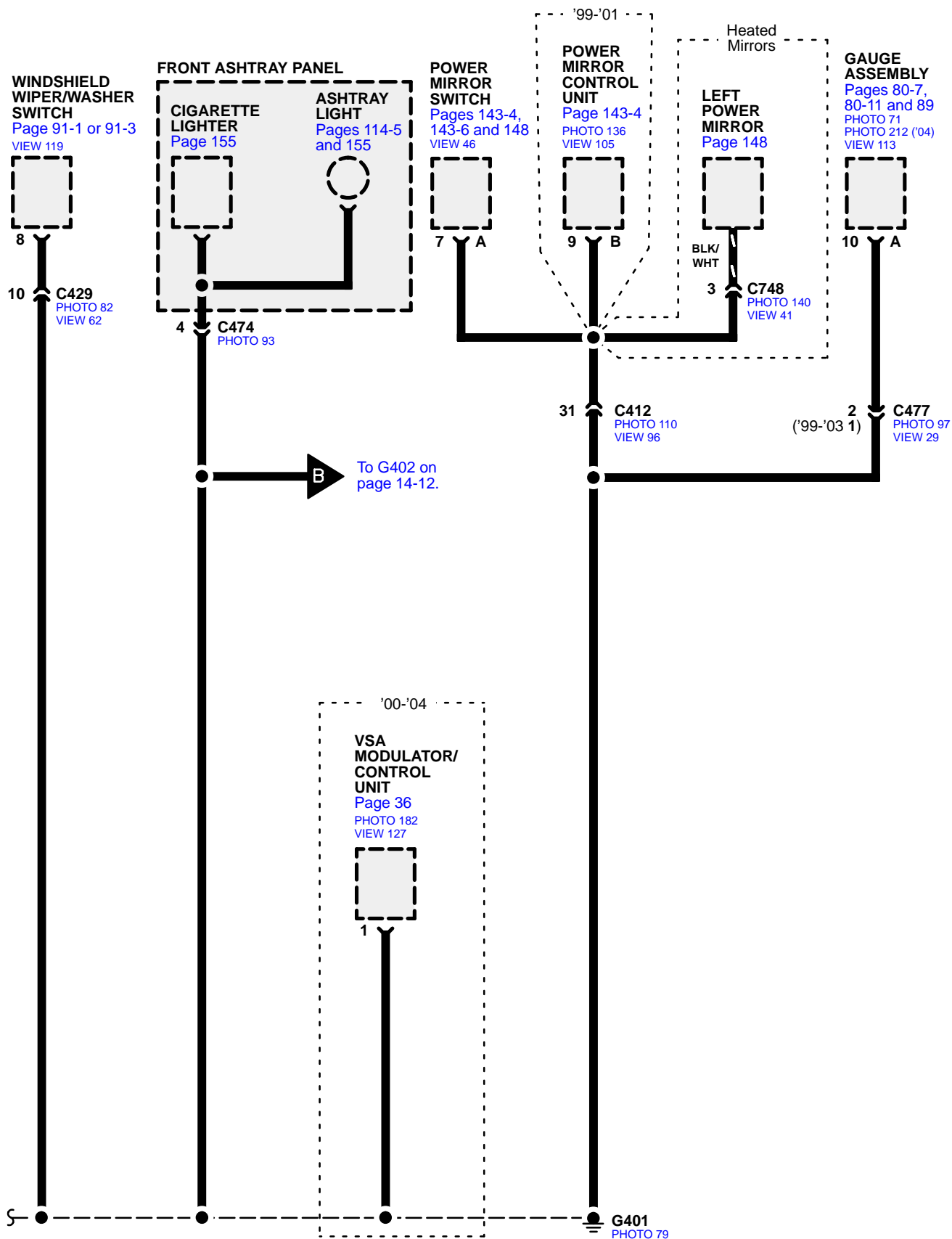
NOTE: Wires shown without color codes are black.





# Ground Distribution

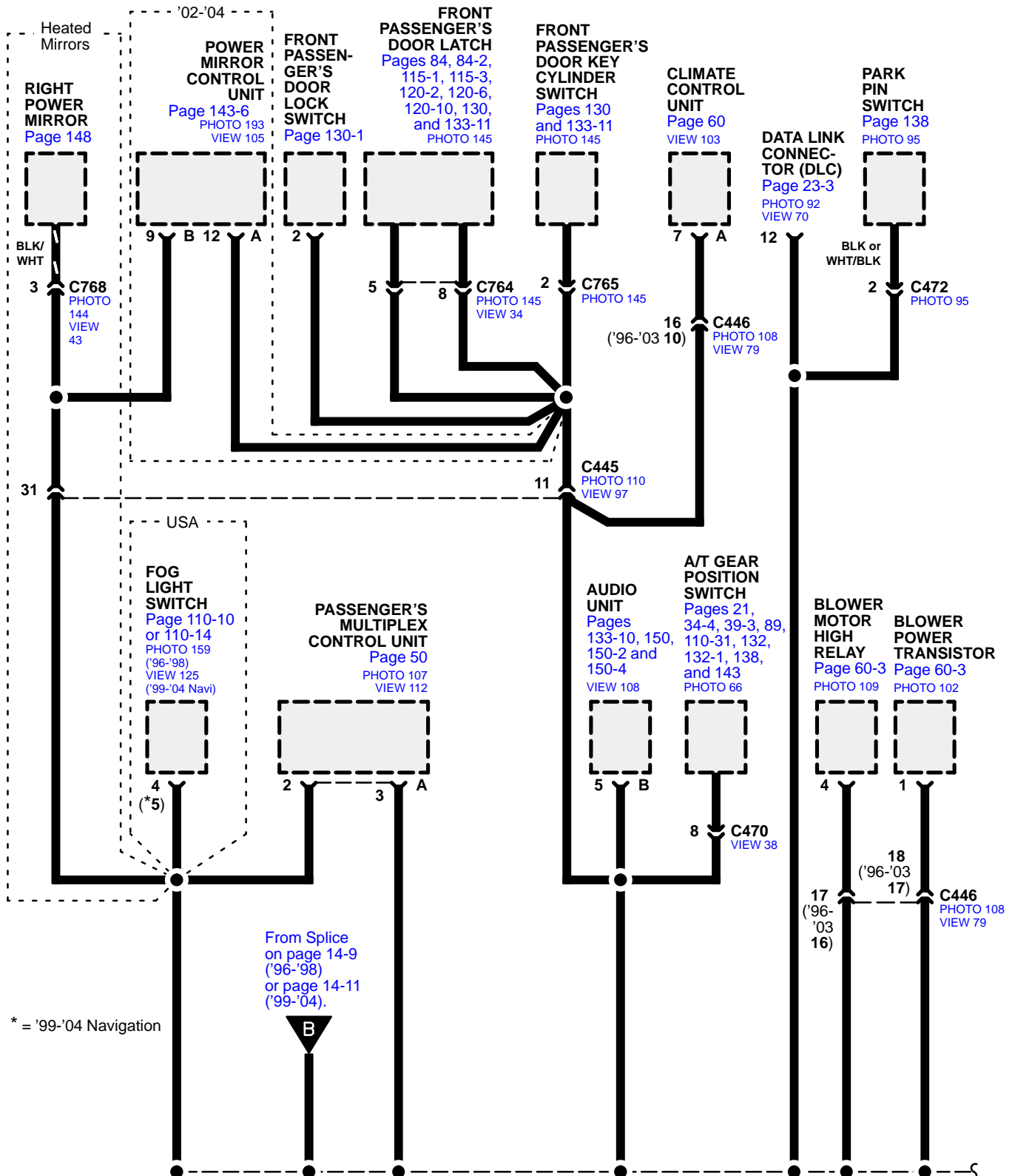
– G401 ('99-'04)



# Ground Distribution

## — G402 and G404 —

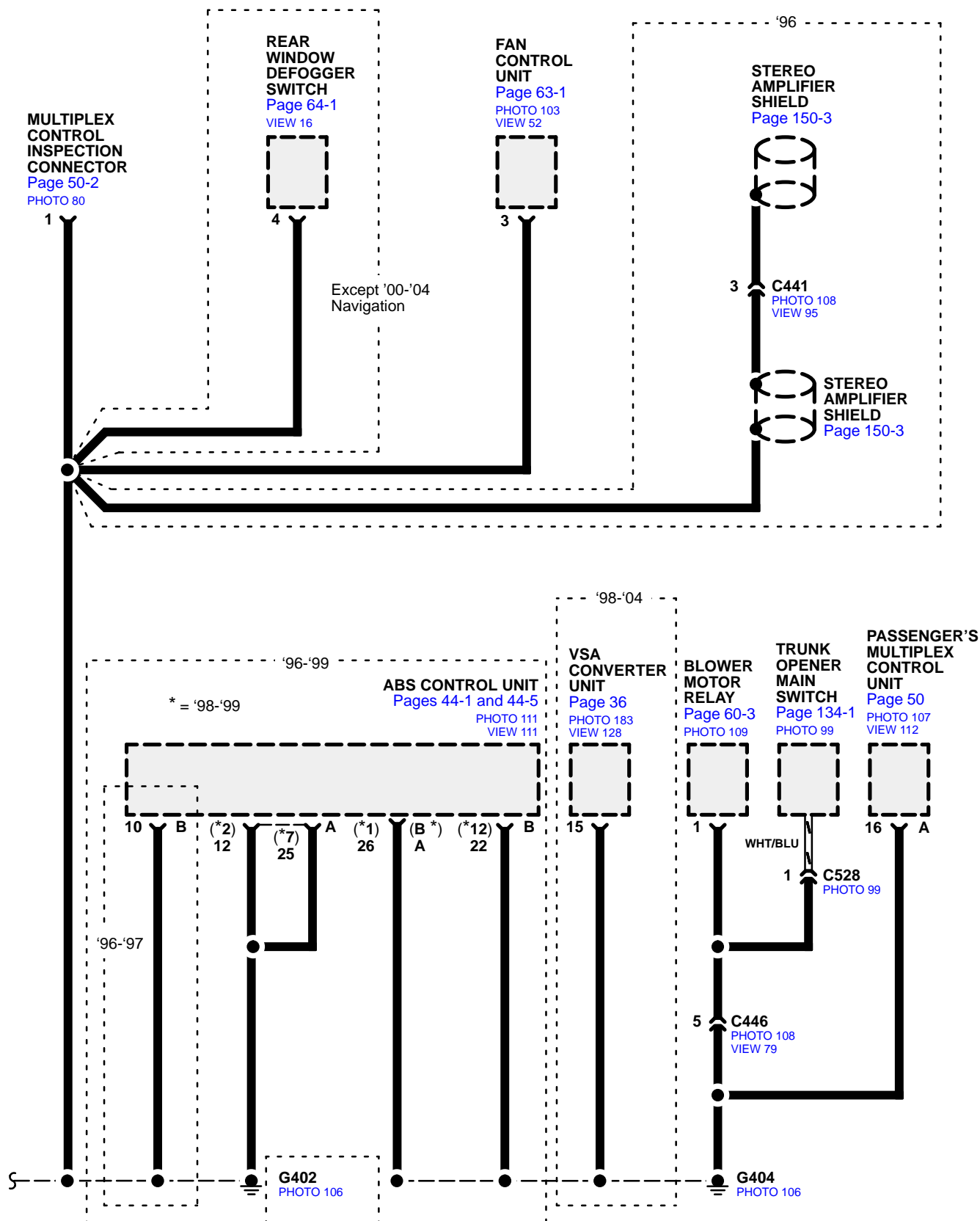
NOTE: Wires shown without color codes are black.





# Ground Distribution

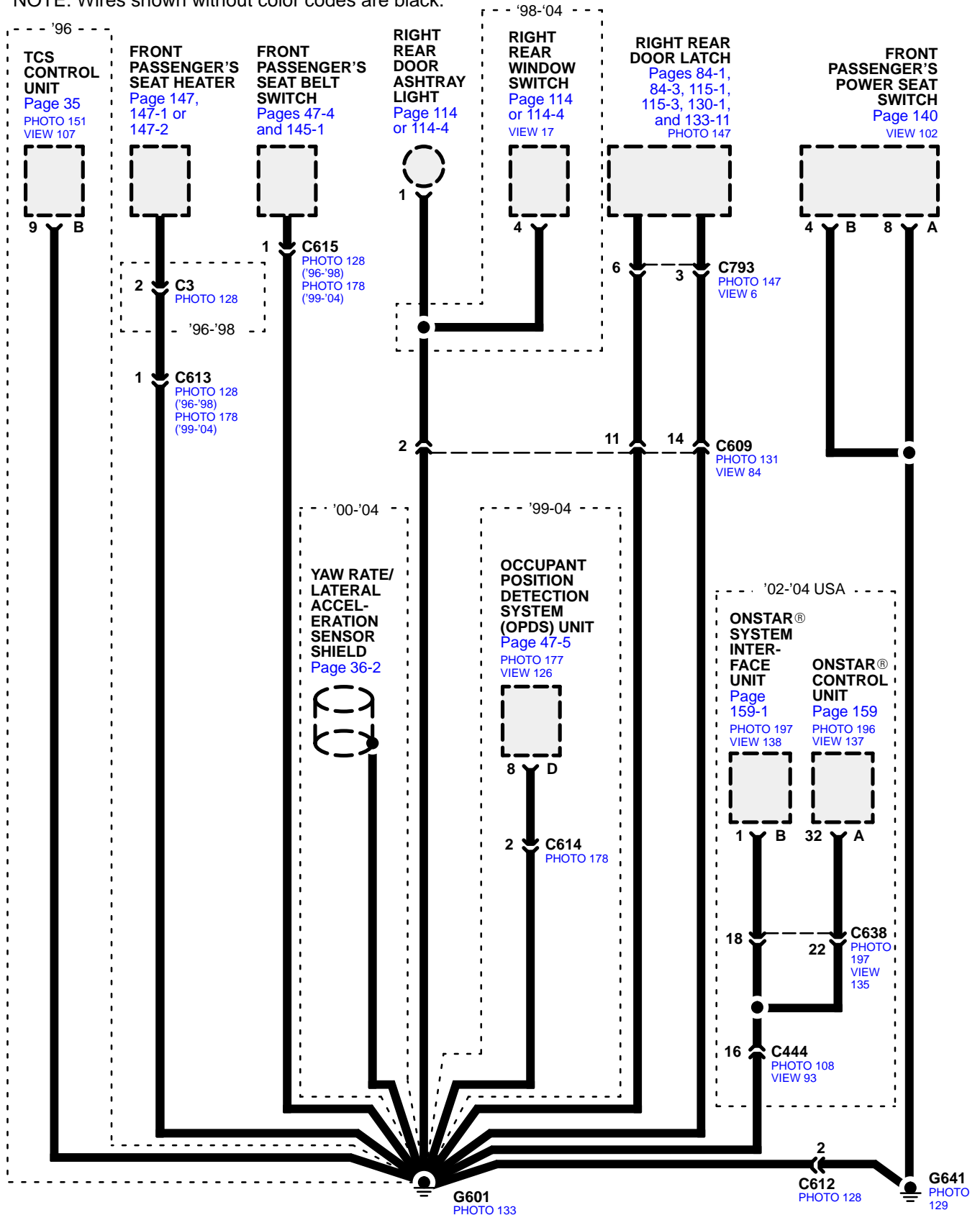
– G402 and G404



# Ground Distribution

## - G601 and G641

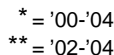
NOTE: Wires shown without color codes are black.





- **G602 and G603**

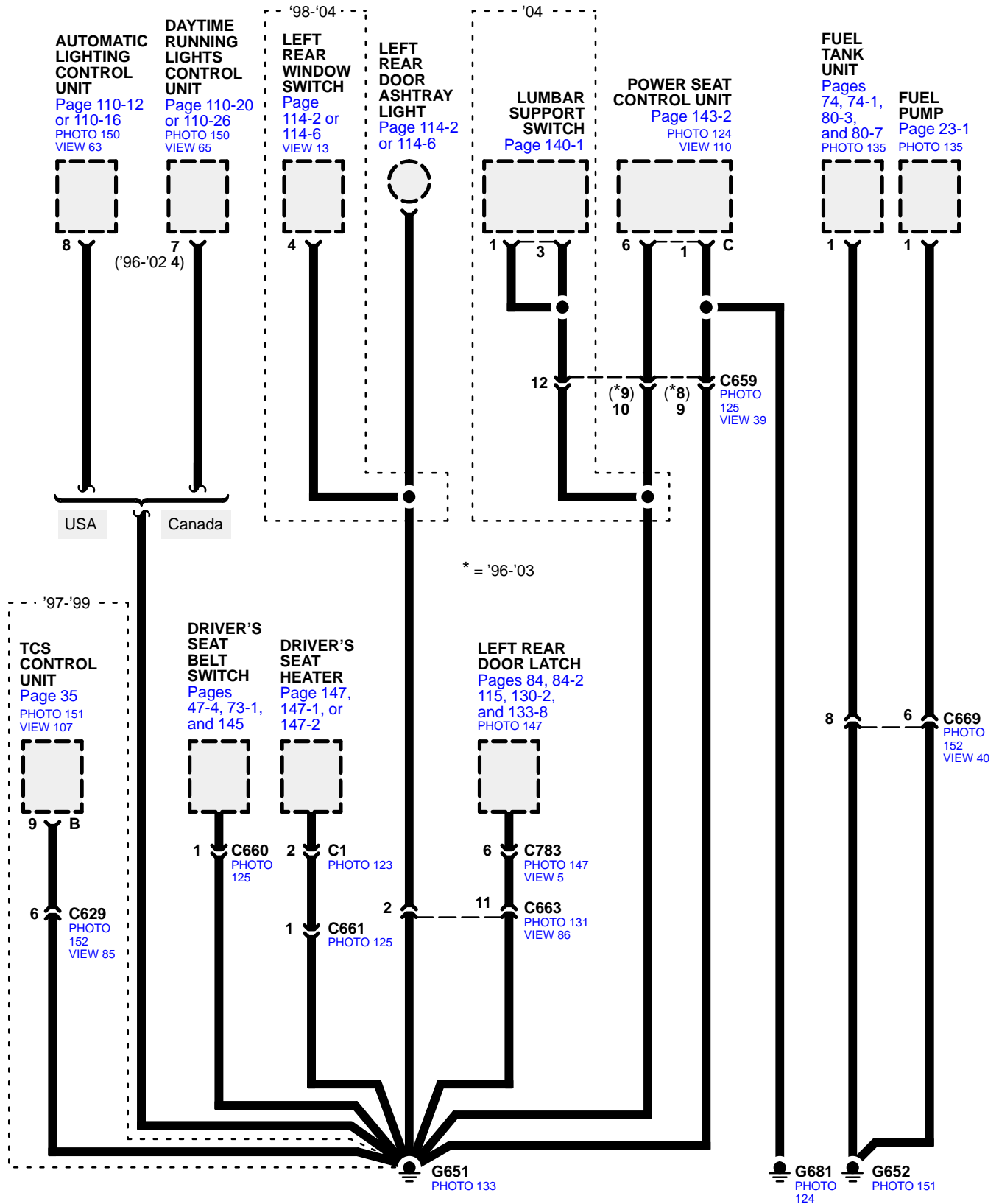
NOTE: Wires shown without color codes are black.



# Ground Distribution

## – G651, G652, and G681

NOTE: Wires shown without color codes are black.

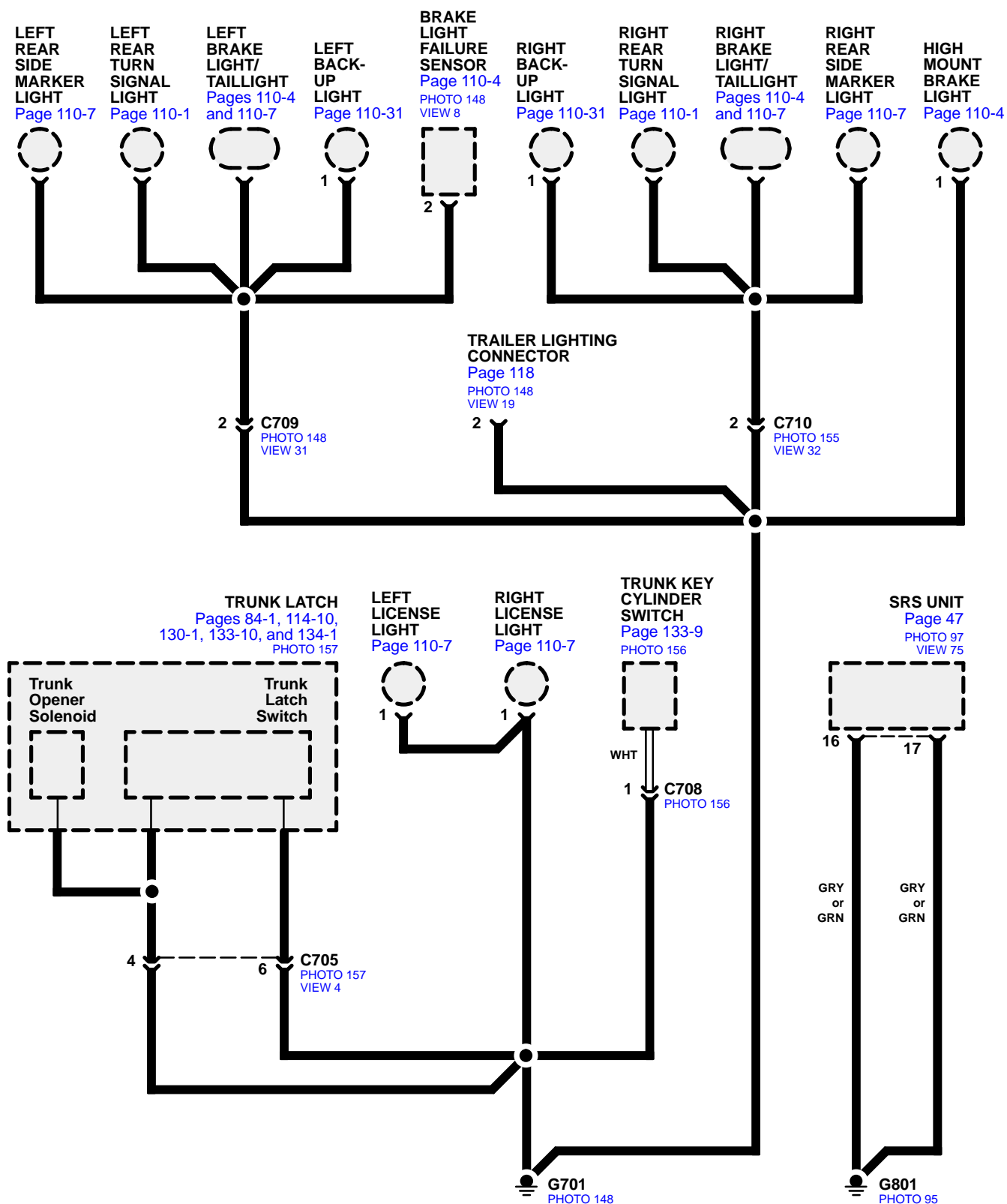




# Ground Distribution

## – G701 ('96-'98) and G801 ('96-'98)

NOTE: Wires shown without color codes are black.

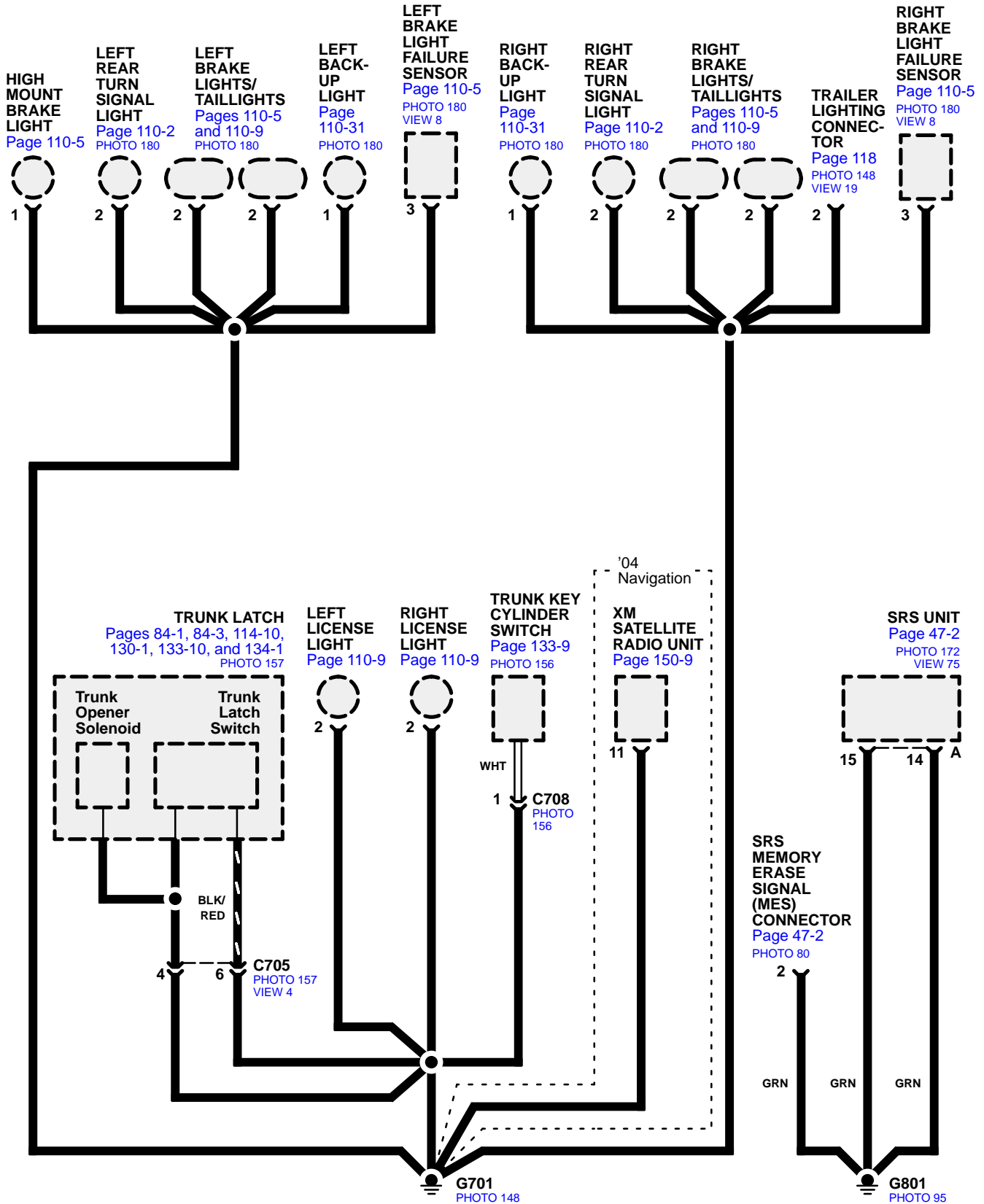




# Ground Distribution

## – G701 ('99-'04) and G801 ('99-'04)

NOTE: Wires shown without color codes are black.

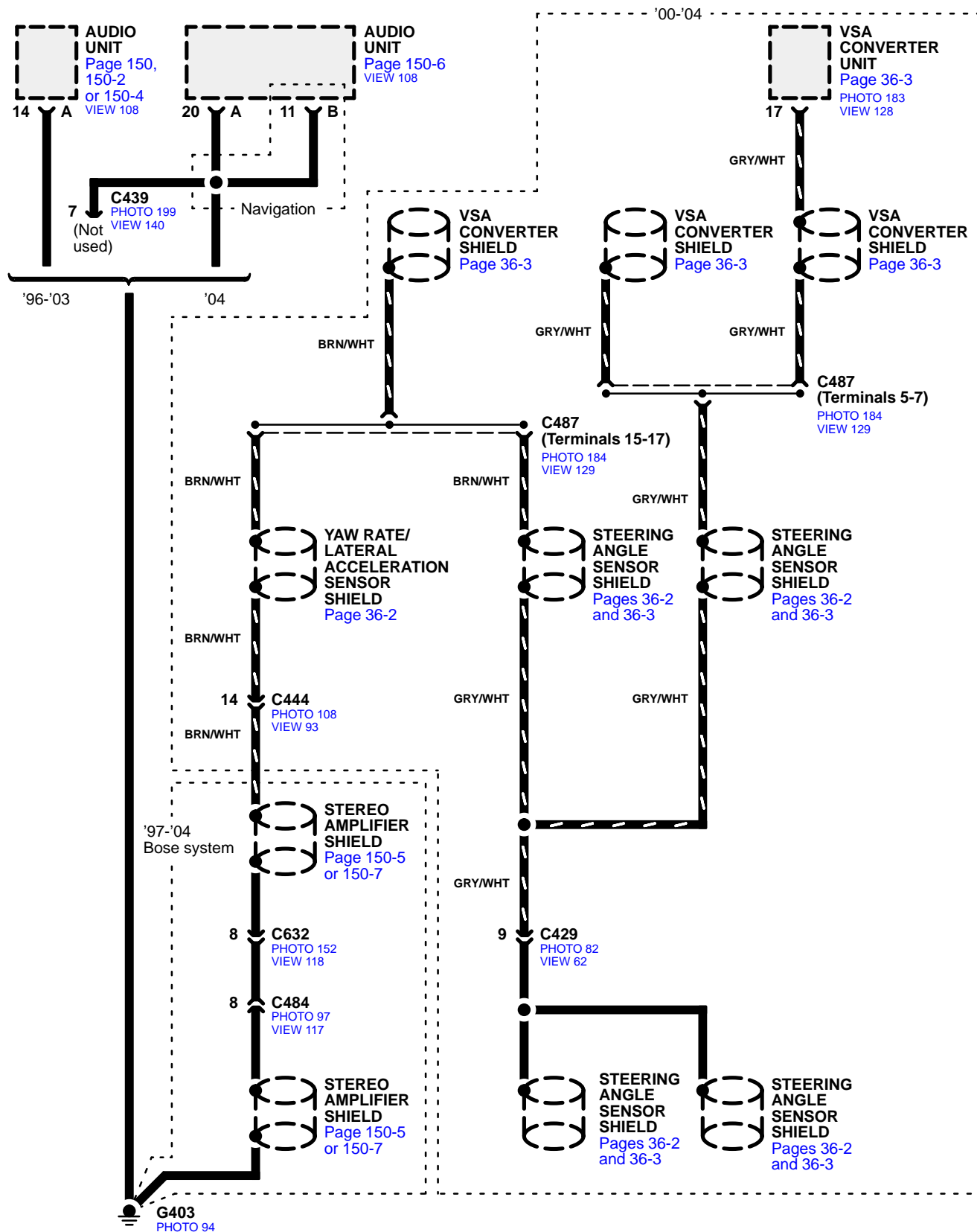




# Ground Distribution

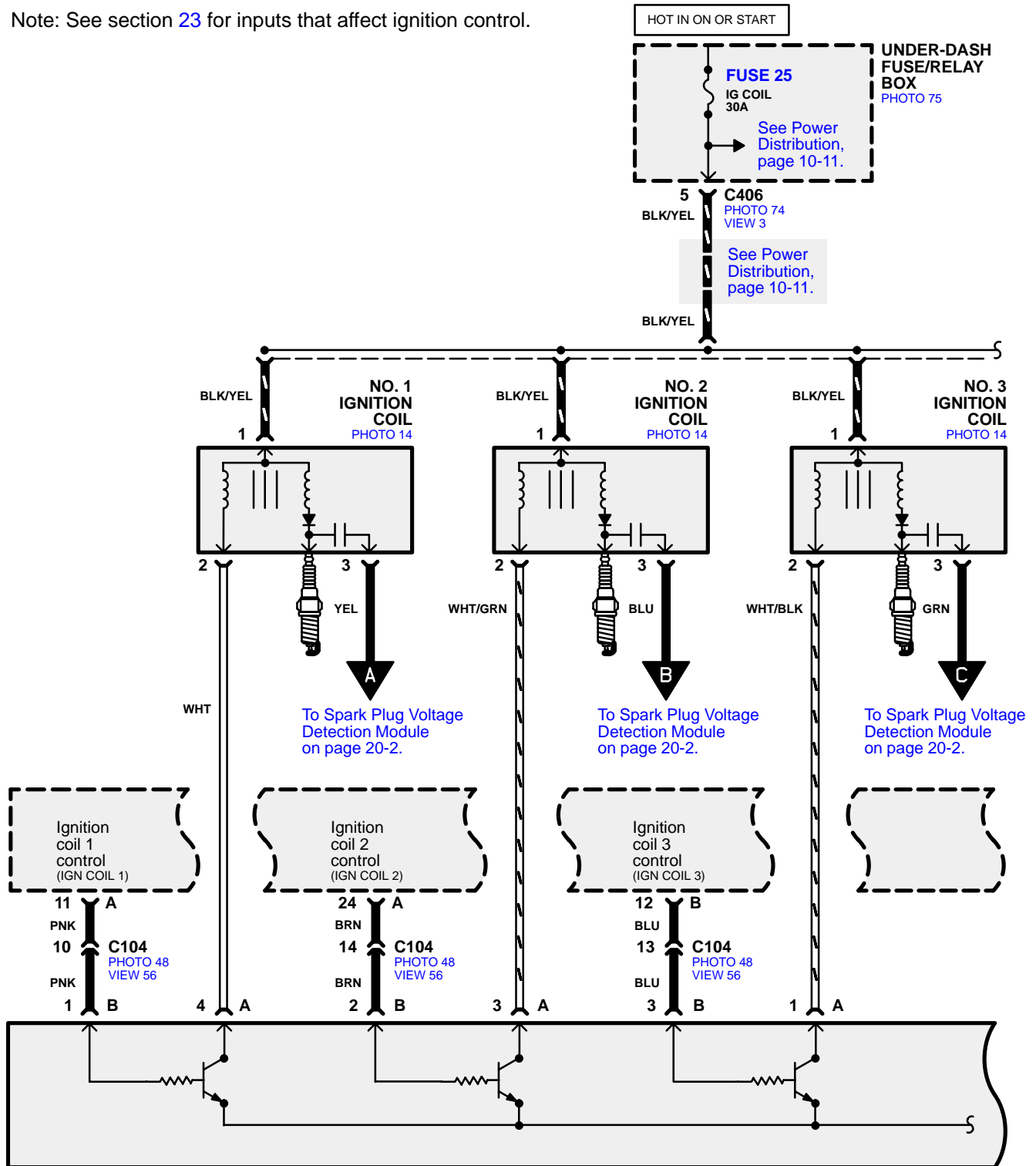
## G403

NOTE: Wires shown without color codes are black.



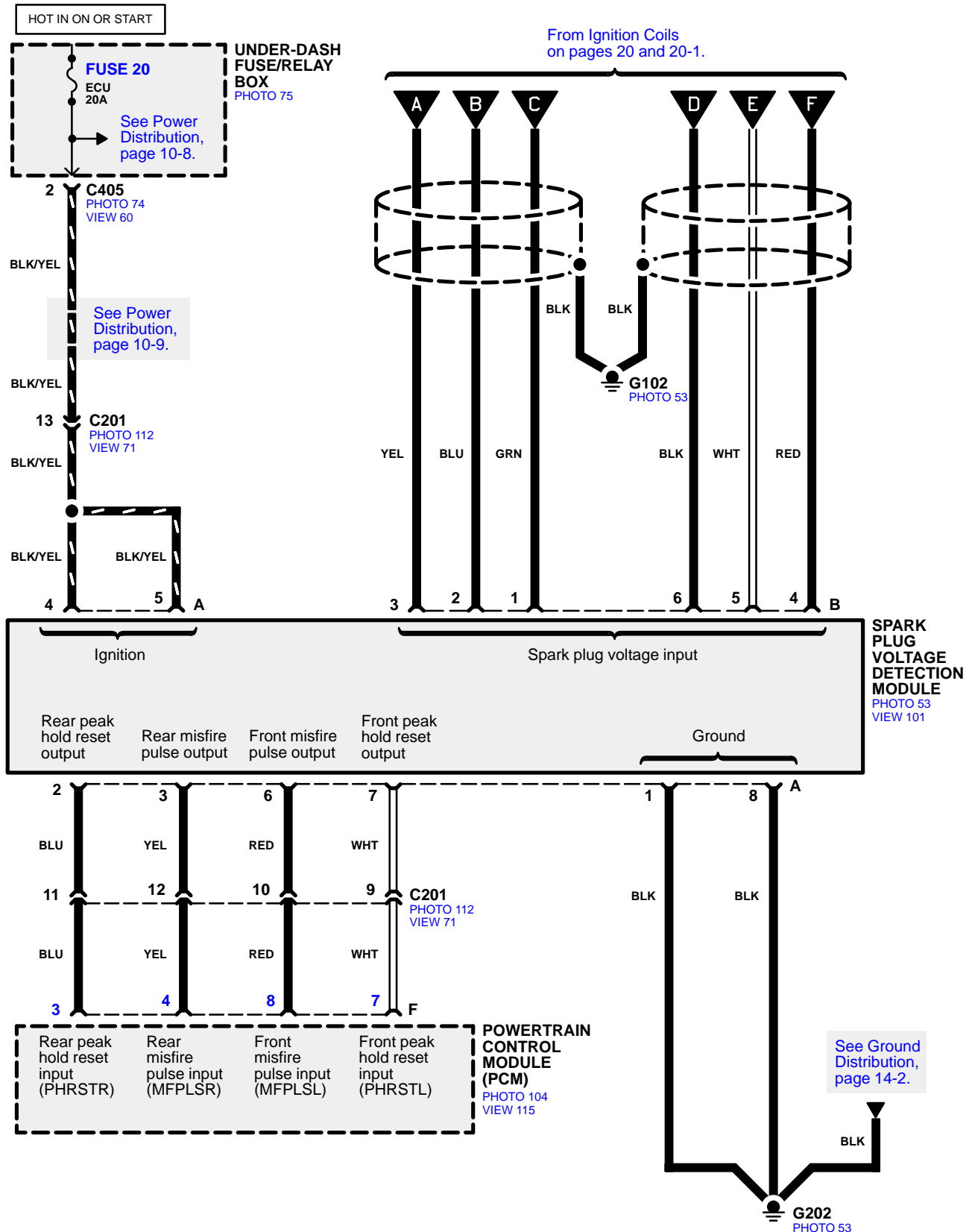
# Ignition System

Note: See section 23 for inputs that affect ignition control.

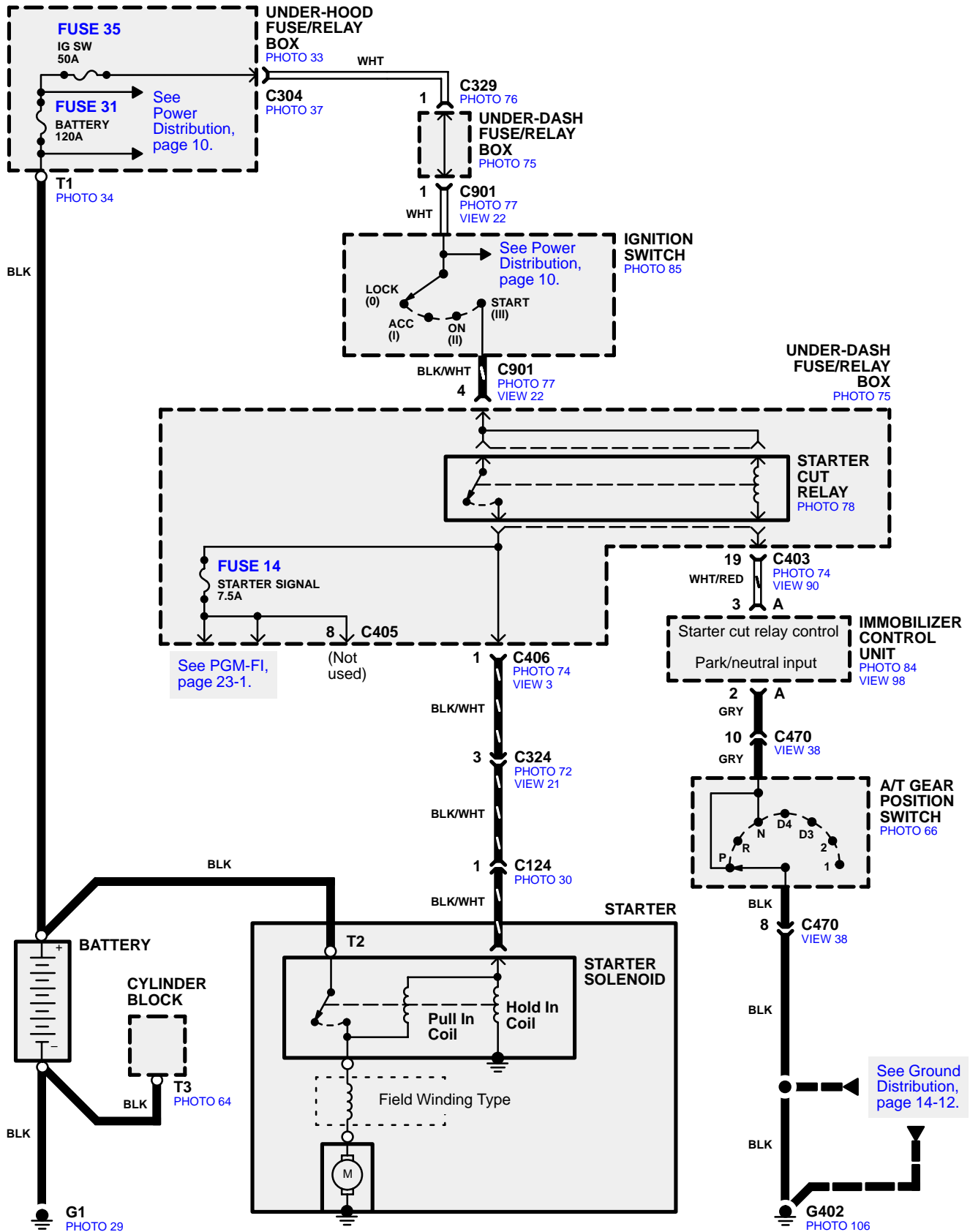




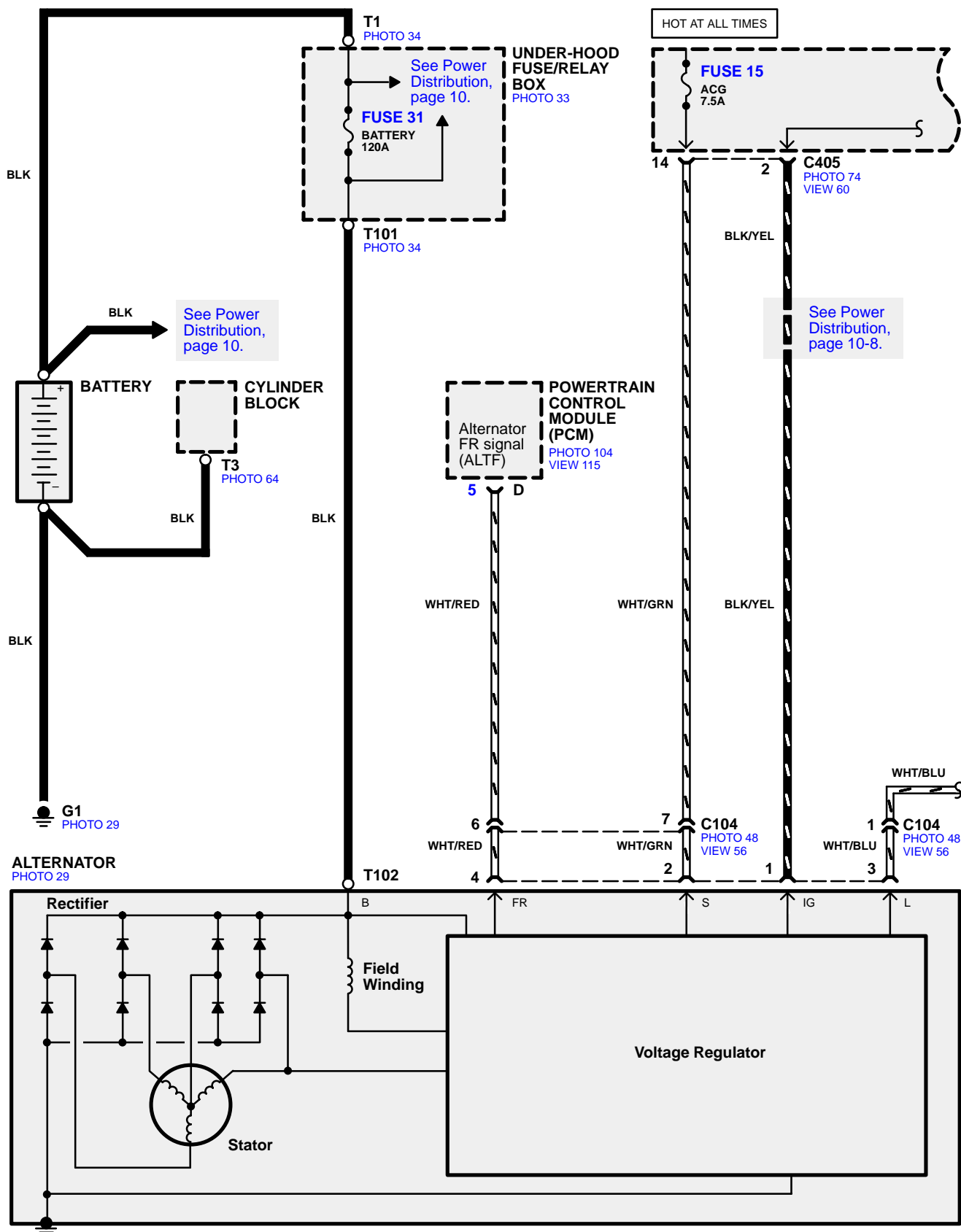
# Ignition System



# Starting System

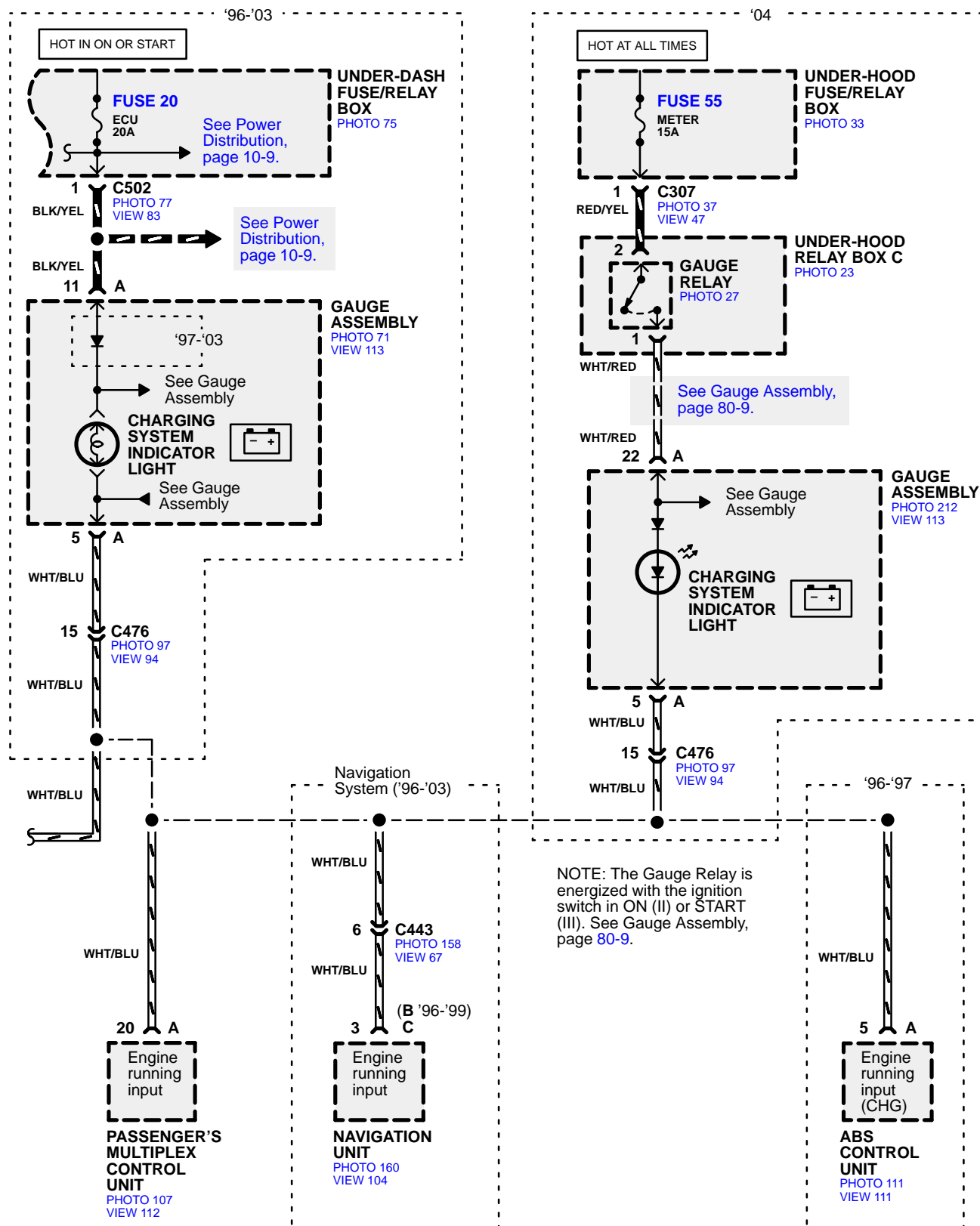


# Charging System



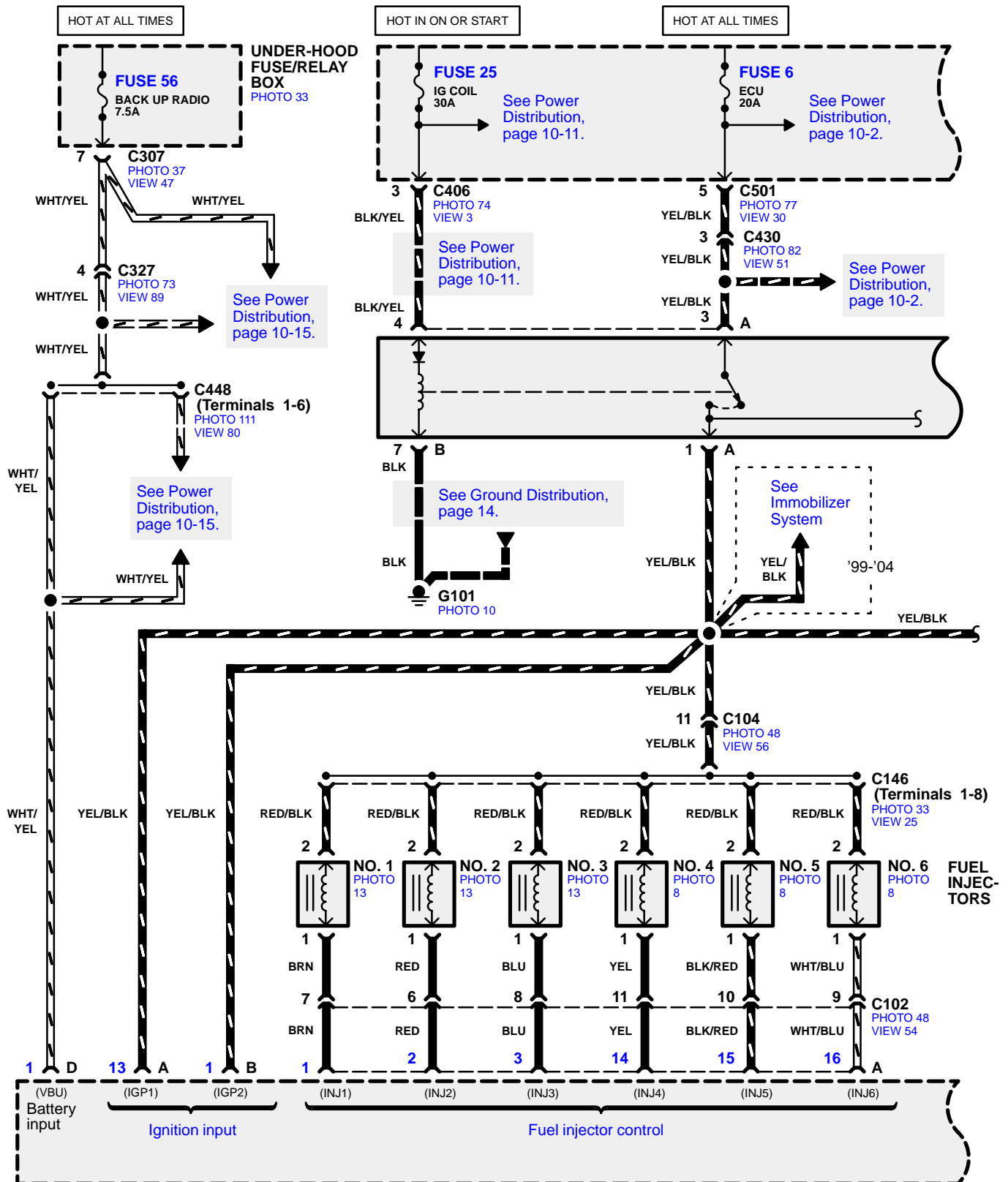


# Charging System





# Programmed Fuel Injection System (PGM-FI)

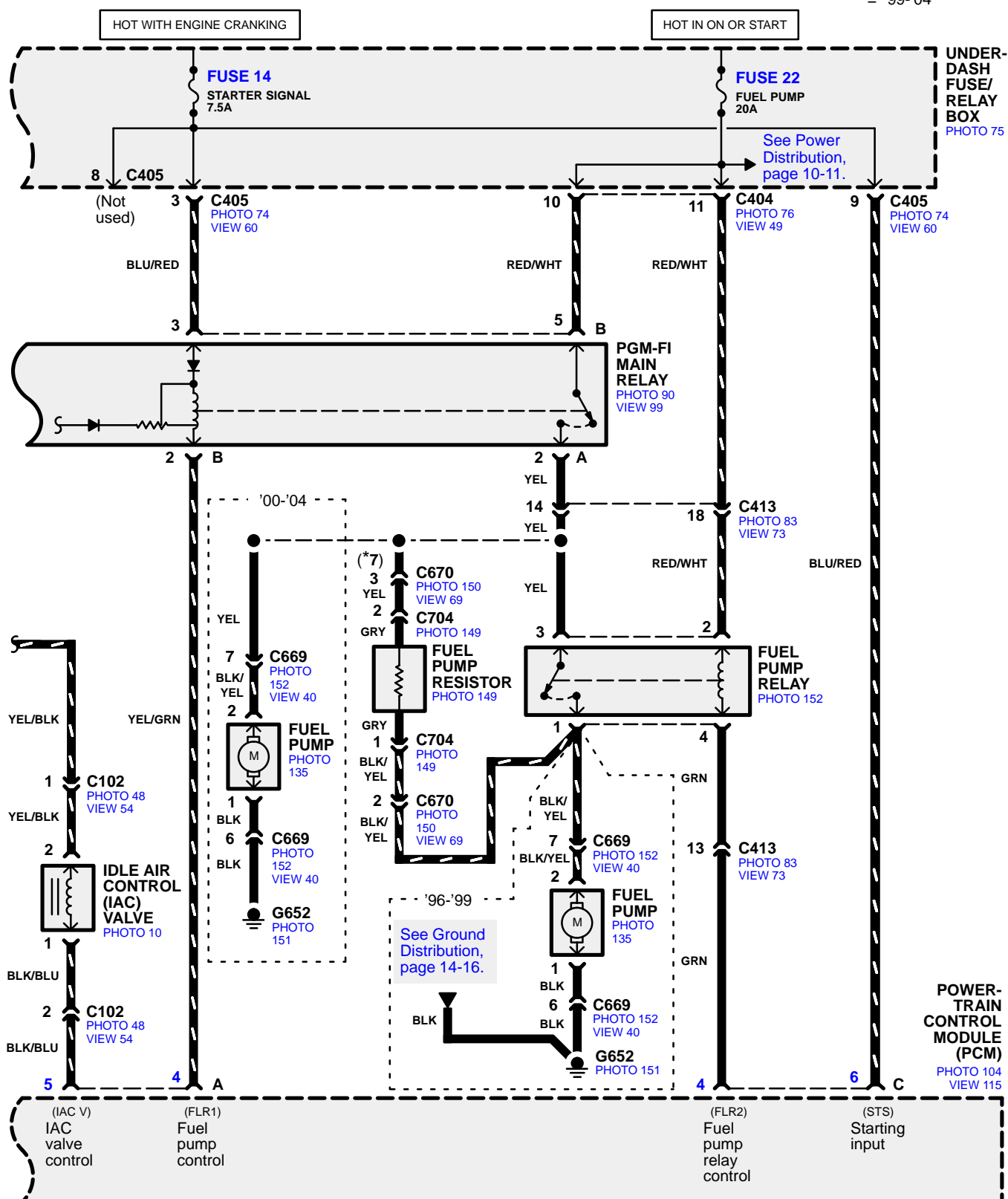




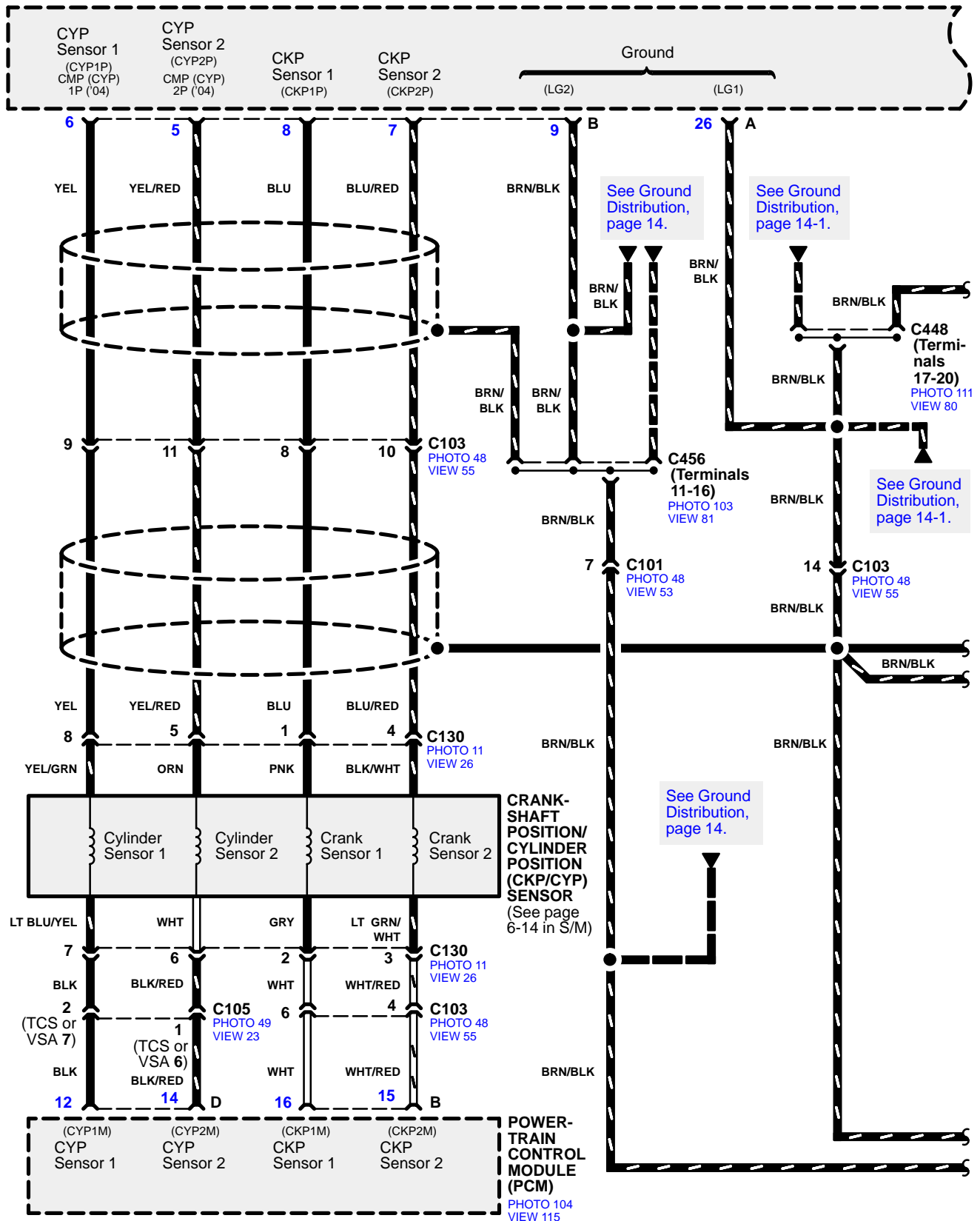
# Programmed Fuel Injection System (PGM-FI)

NOTE: Fuse 14 is HOT with Ignition Switch in START (III) and A/T Gear Selector in PARK (P) or NEUTRAL (N), see Starting System, page 21.

\* = '99-'04

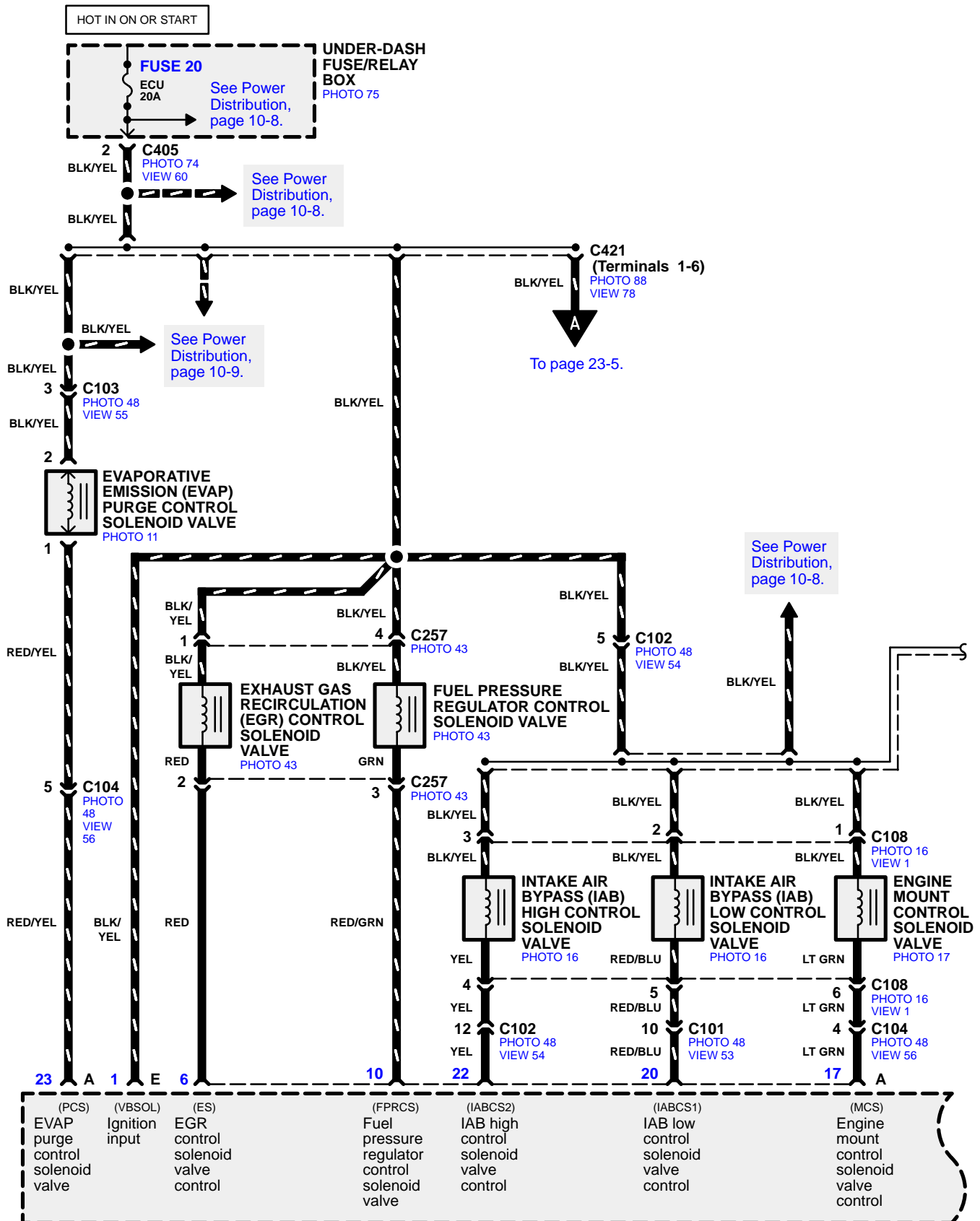


# Programmed Fuel Injection System (PGM-FI)



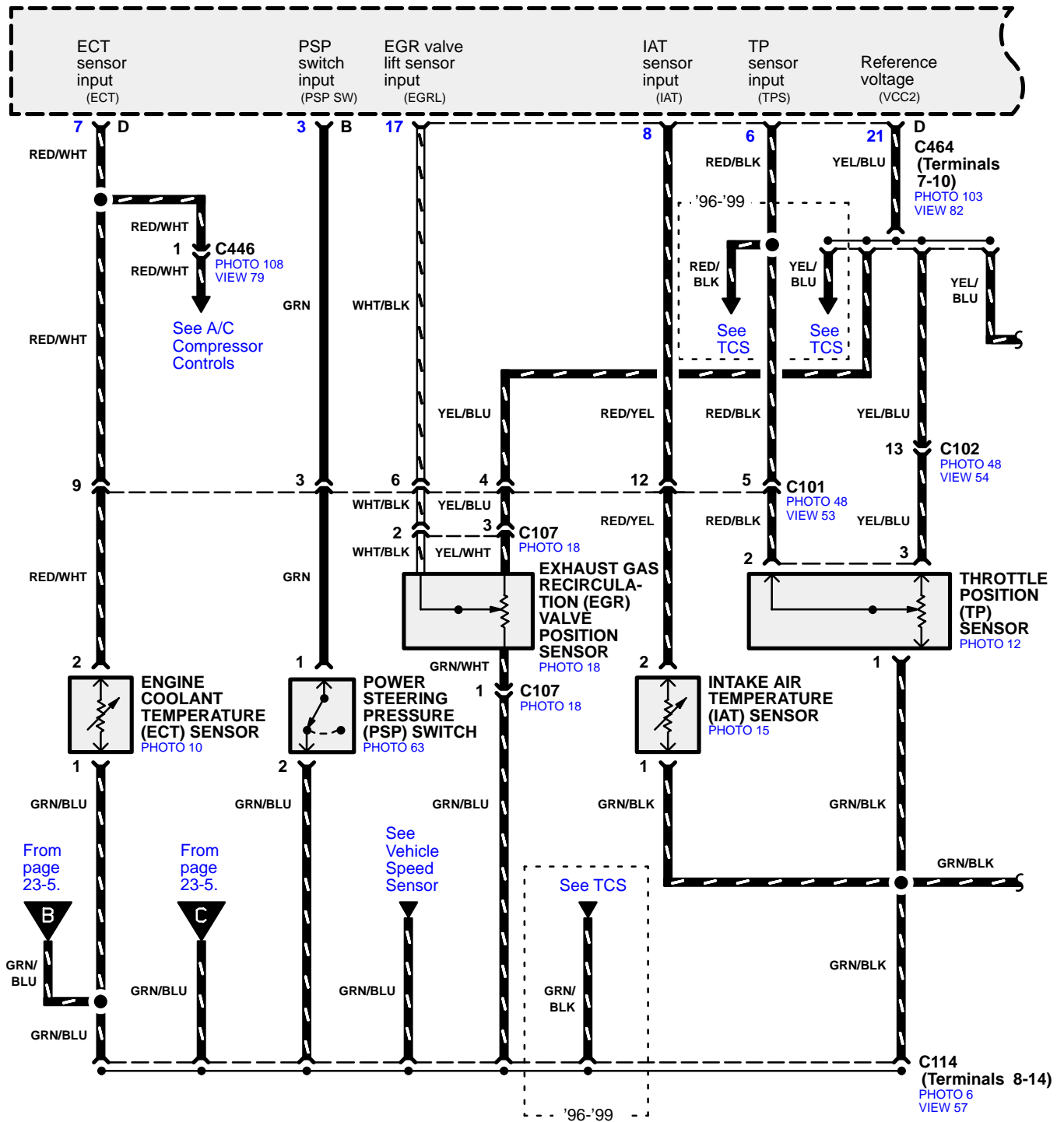


# Programmed Fuel Injection System (PGM-FI)



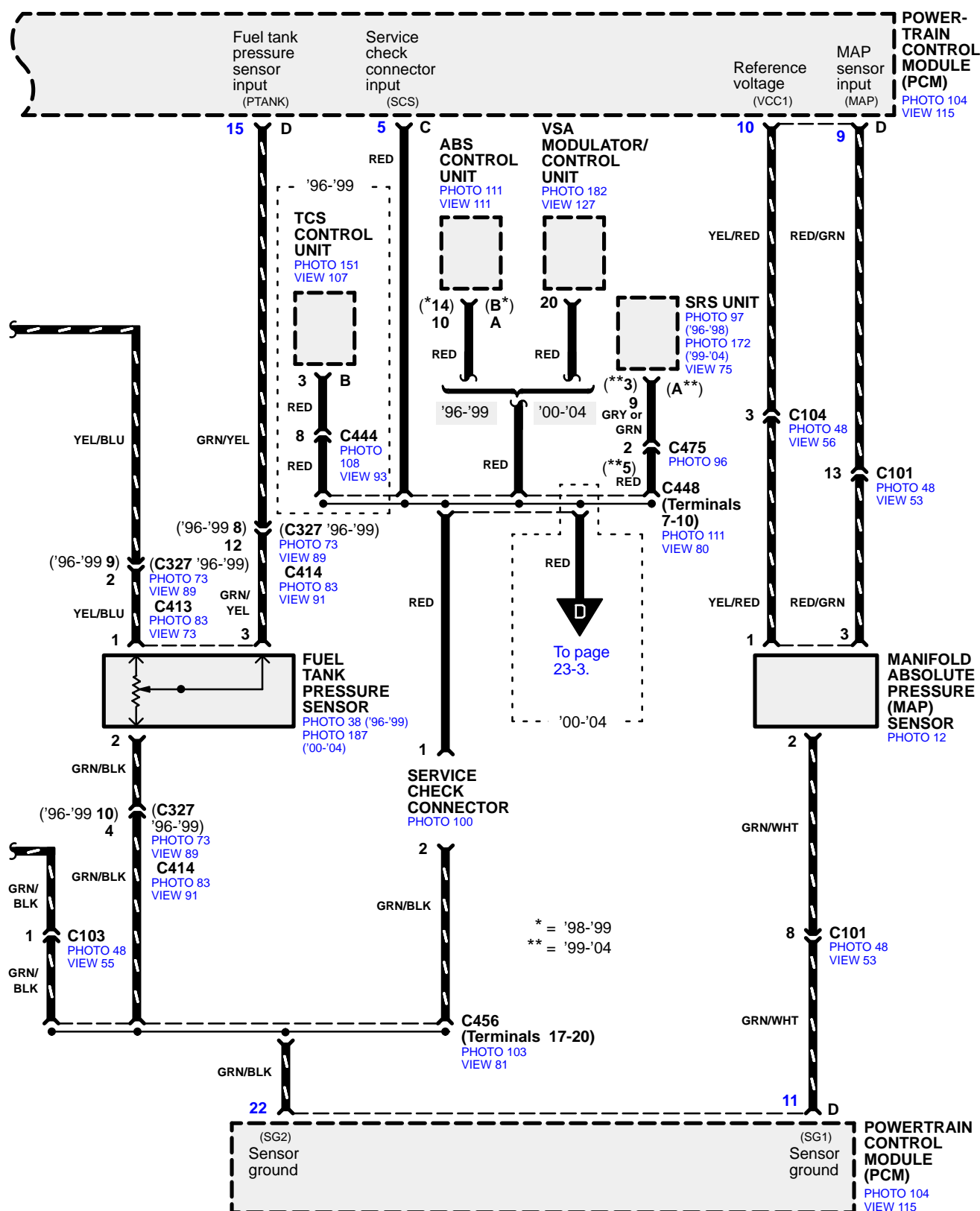


# Programmed Fuel Injection System (PGM-FI)





# Programmed Fuel Injection System (PGM-FI)



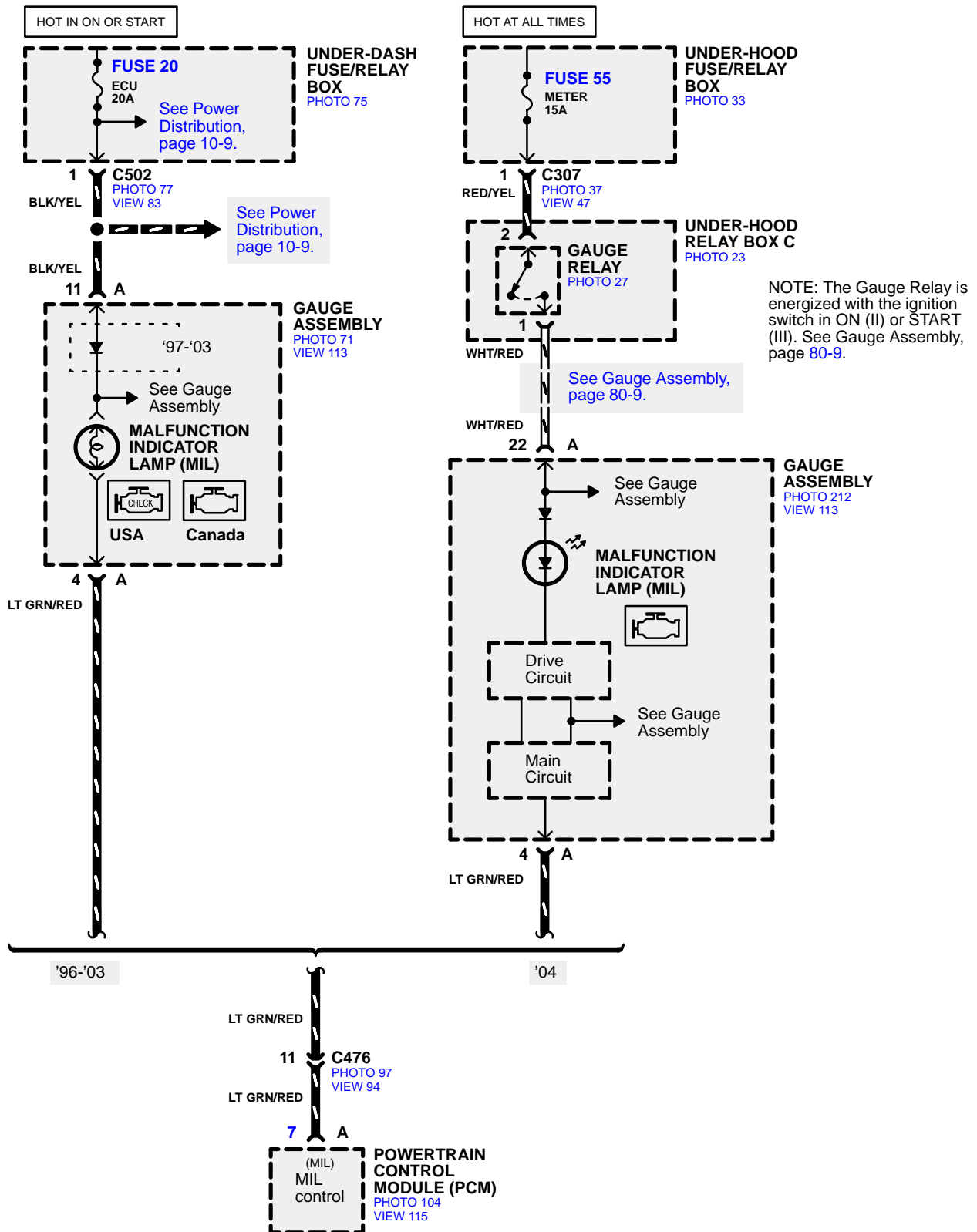


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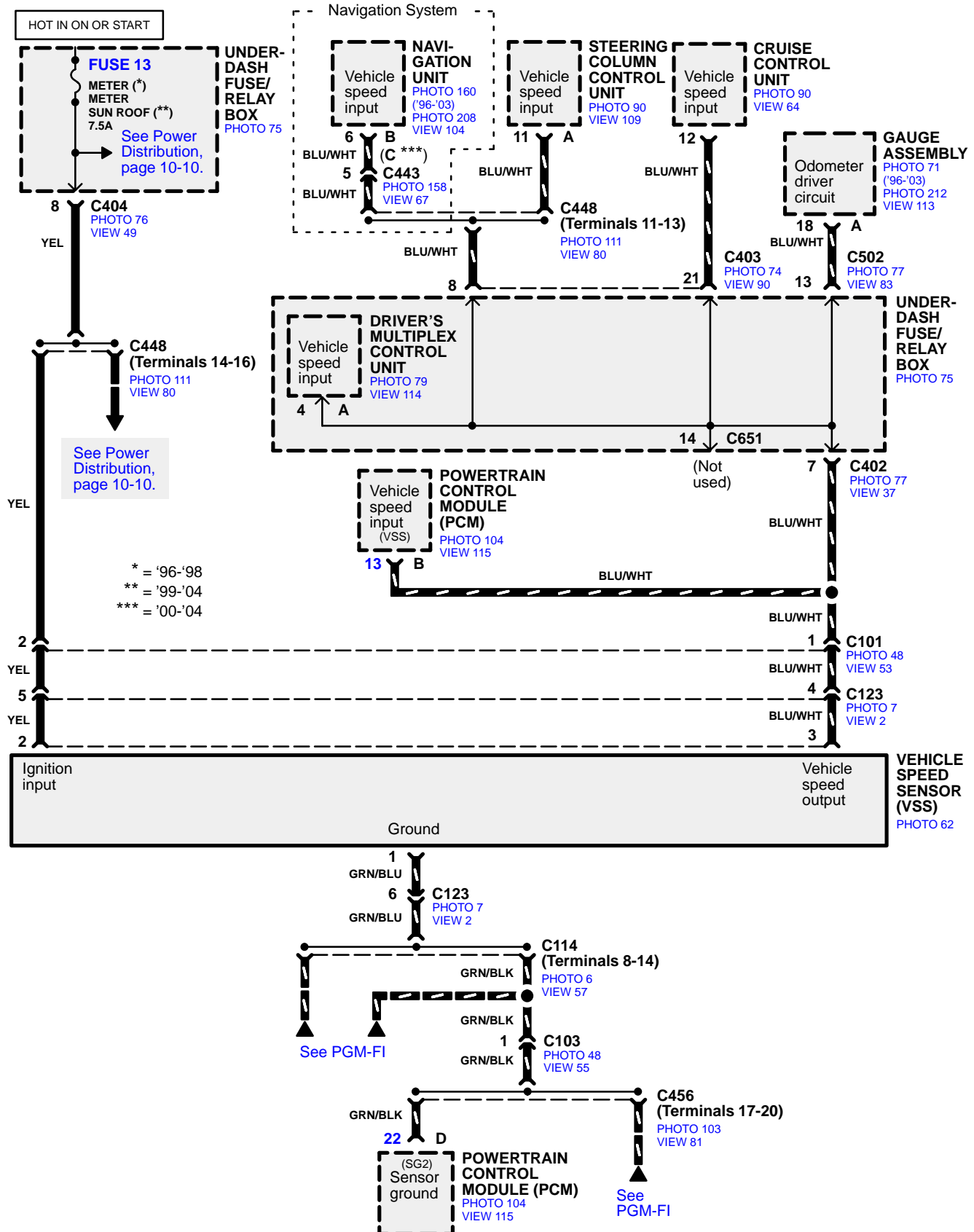




# Programmed Fuel Injection System (PGM-FI)



# Vehicle Speed Sensor (VSS)





# Vehicle Speed Sensor (VSS)

## – How the Circuit Works

---

With the ignition switch in ON (II) or START (III), battery voltage is supplied through fuse 13 and the YEL wire to the vehicle speed sensor (VSS). The sensor is grounded through the PCM. The speedometer and other control units in the circuit supply 5 volts or more to the BLU/WHT wire. The vehicle speed sensor (VSS) intermittently grounds the BLU/WHT wire which generates a pulsed signal in it. The number of pulses per minute increases/decreases with the speed of the car.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

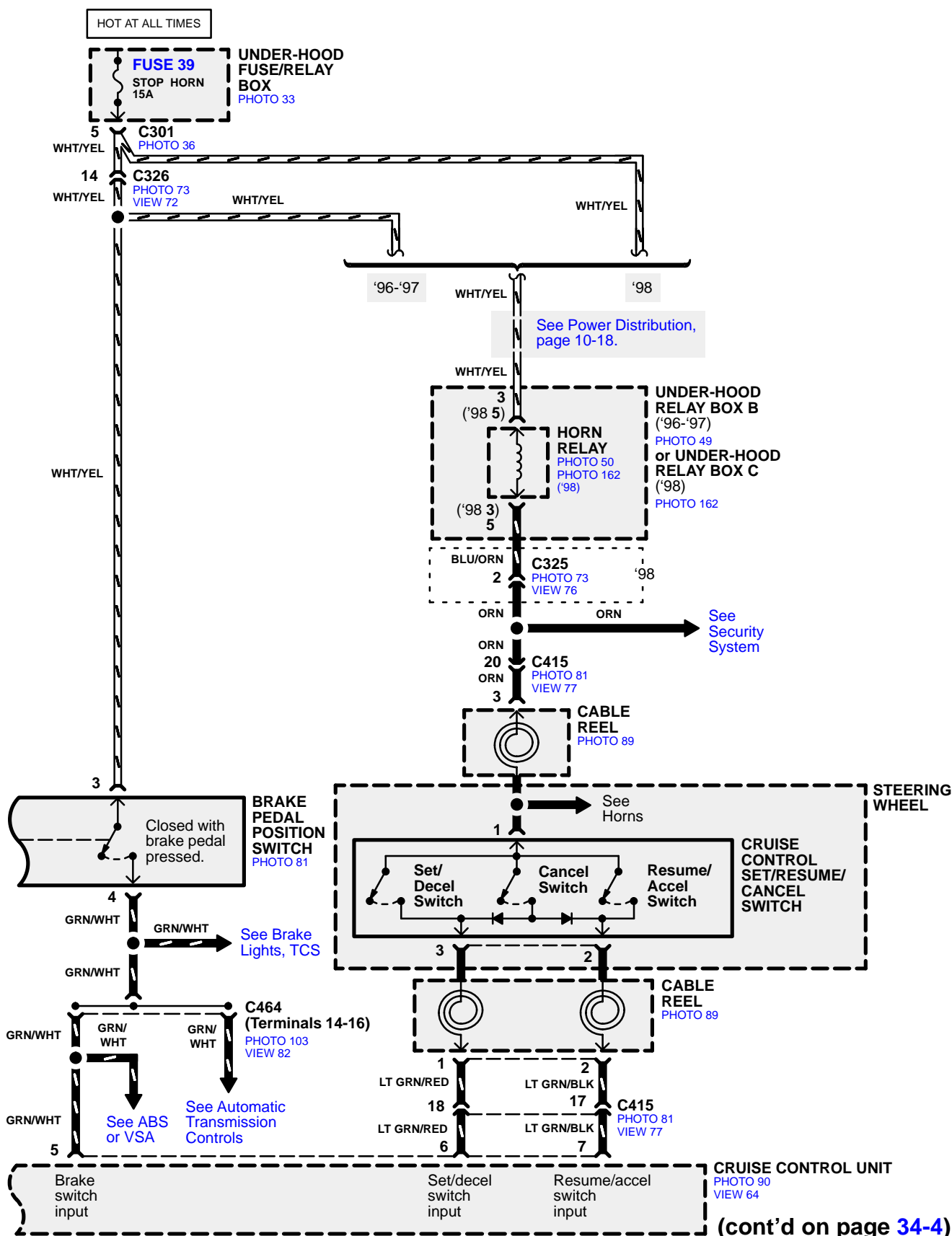
**- '96-'98**





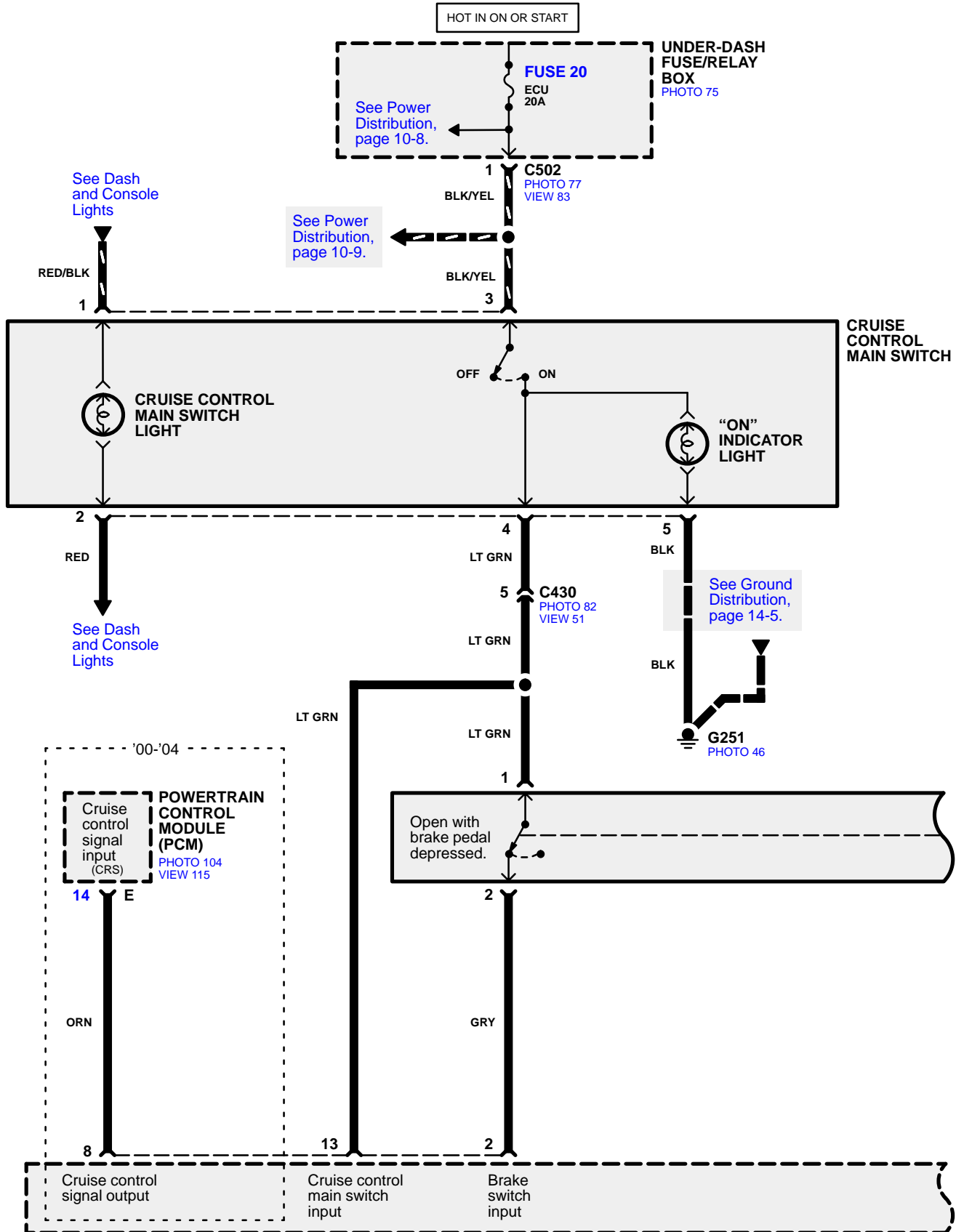
# Cruise Control

— '96-'98



# Cruise Control

– '99-'04

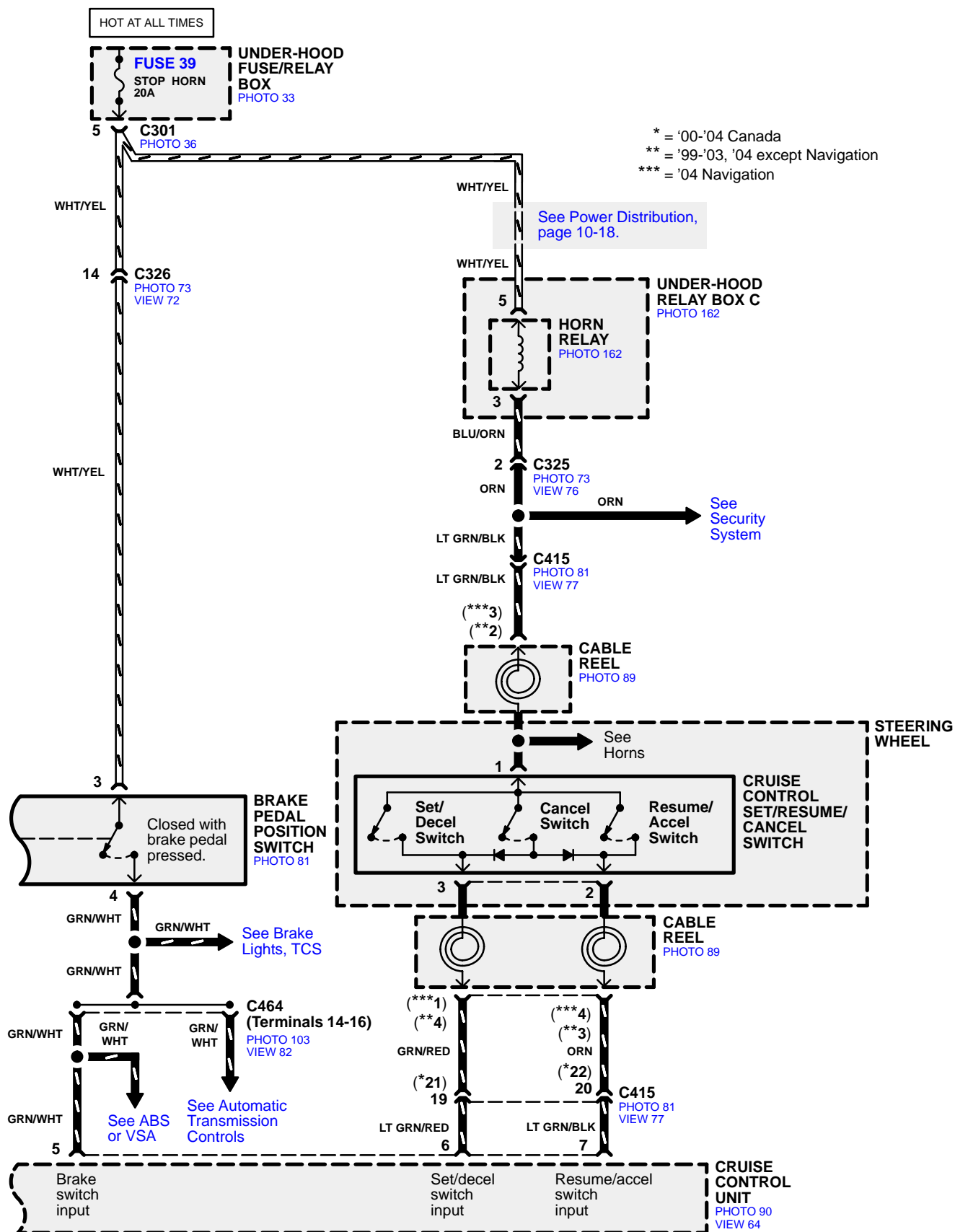






# Cruise Control

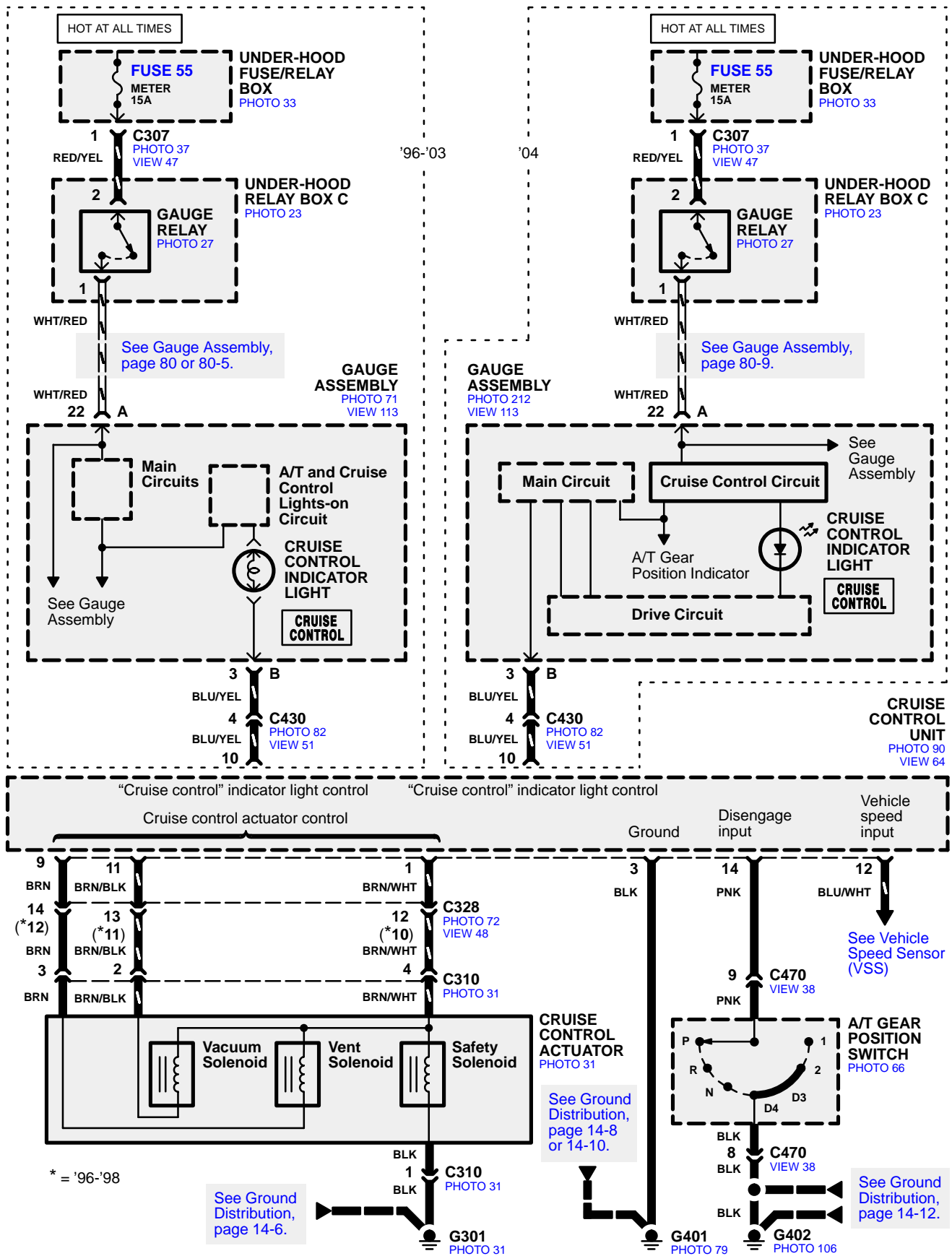
– '99-'04

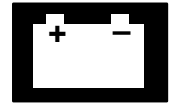


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# Cruise Control

## All Models





# Cruise Control

## – How the Circuit Works

The cruise control system uses mechanical and electrical devices to maintain the car's speed at a setting selected by the driver.

### System Description

The cruise control unit receives command signals from the cruise control main switch and the cruise control Set/Resume/Cancel switch. With the ignition switch in ON (II) or START (III), voltage is provided to the cruise control main switch through fuse 20. When you push the switch to ON, power is provided to the cruise control unit and the brake pedal position switch.

The cruise control unit receives information about operating conditions from the brake pedal position switch, the vehicle speed sensor (VSS), and the A/T gear position switch. The cruise control unit then sends signals to the cruise control actuator which regulates the throttle position to maintain the selected speed. The control unit compares the actual speed of the car to the selected speed, and then opens or closes the throttle as necessary to match the selected speed.

The brake pedal position switch releases the system's control of the throttle at the instant you press on the brake pedal. The switch sends a signal to the control unit by removing power from the normally closed brake input (GRY wire), and providing power at the normally open brake input (GRN/WHT wire). The control unit responds by allowing the throttle to close. The A/T gear position switch sends a "disengage" signal to the control unit that also allows the throttle to close if the shifter is moved from the "D" position.

The cruise control system will set and automatically maintain any speed above 25 mph (40 km/h). To set it, make sure the main switch is on and the switch indicator is on. Then, after reaching the desired speed, press the SET switch. This sends a "set" signal to the cruise control unit which, in turn, controls the cruise control actuator to maintain the set speed.

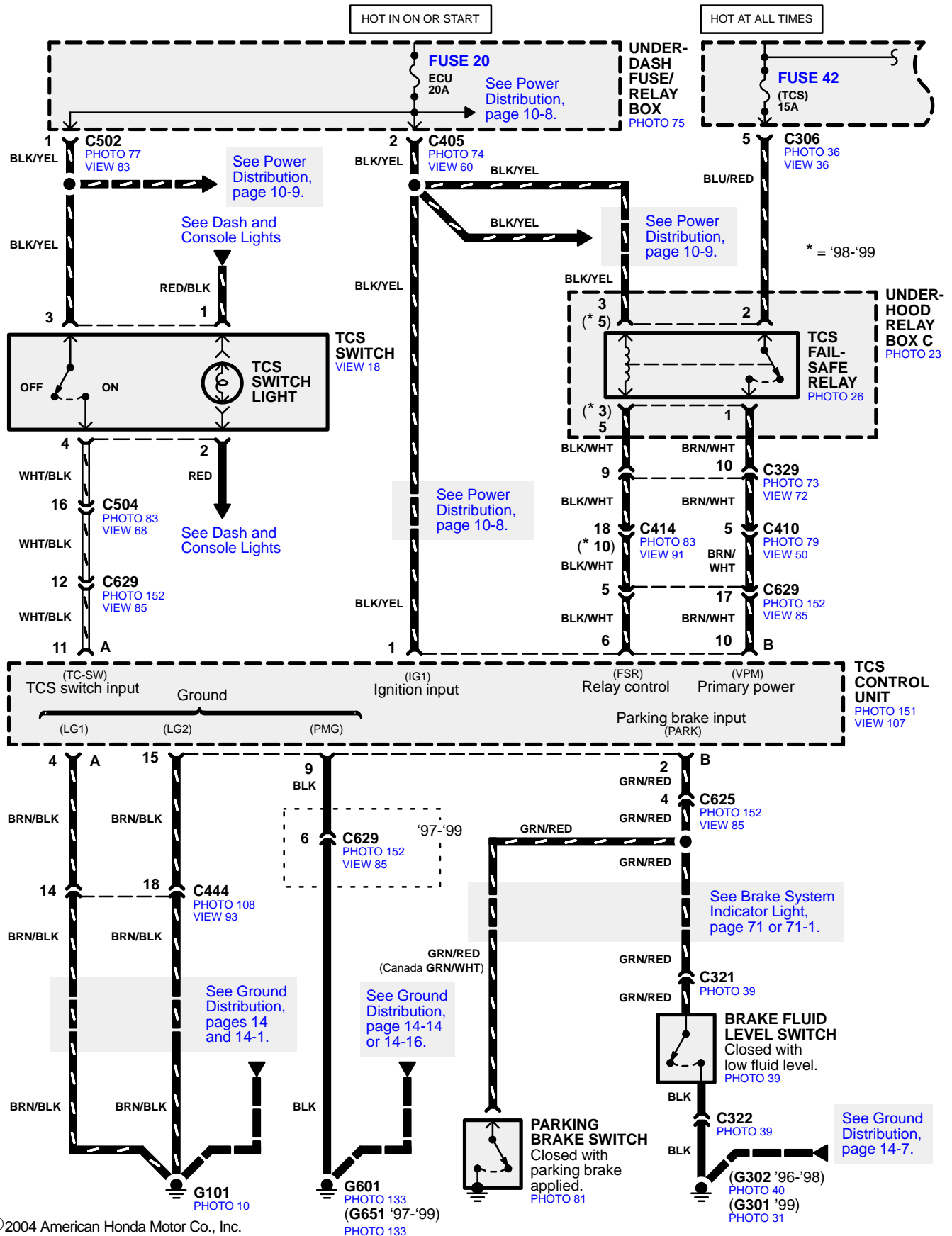
When you push the SET switch and the cruise control system is on, the cruise control ON indicator lights up.

You can cancel the cruise control system by pushing the cancel switch or by turning the main switch off. This removes power to the control unit and erases the set speed from memory. If the system is disengaged temporarily by the brake pedal position switch, or A/T gear position switch, and the car's speed is still above 25 mph, press the RESUME switch: the car will automatically return to the previously set speed.

For gradual acceleration without pressing the accelerator pedal, push the RESUME switch and hold it there. This will send an "acceleration" signal to the control unit. When you release the switch, the system will be reprogrammed for the new speed. To slow the car down, push the SET switch in and hold it there. This sends a "deceleration" signal to the control unit, causing the car to coast. When the desired speed is reached, release the SET switch. This reprograms the system for the new speed.

Refer to the Service Manual (Section 4, Engine Electrical) for specific tests or troubleshooting procedures.

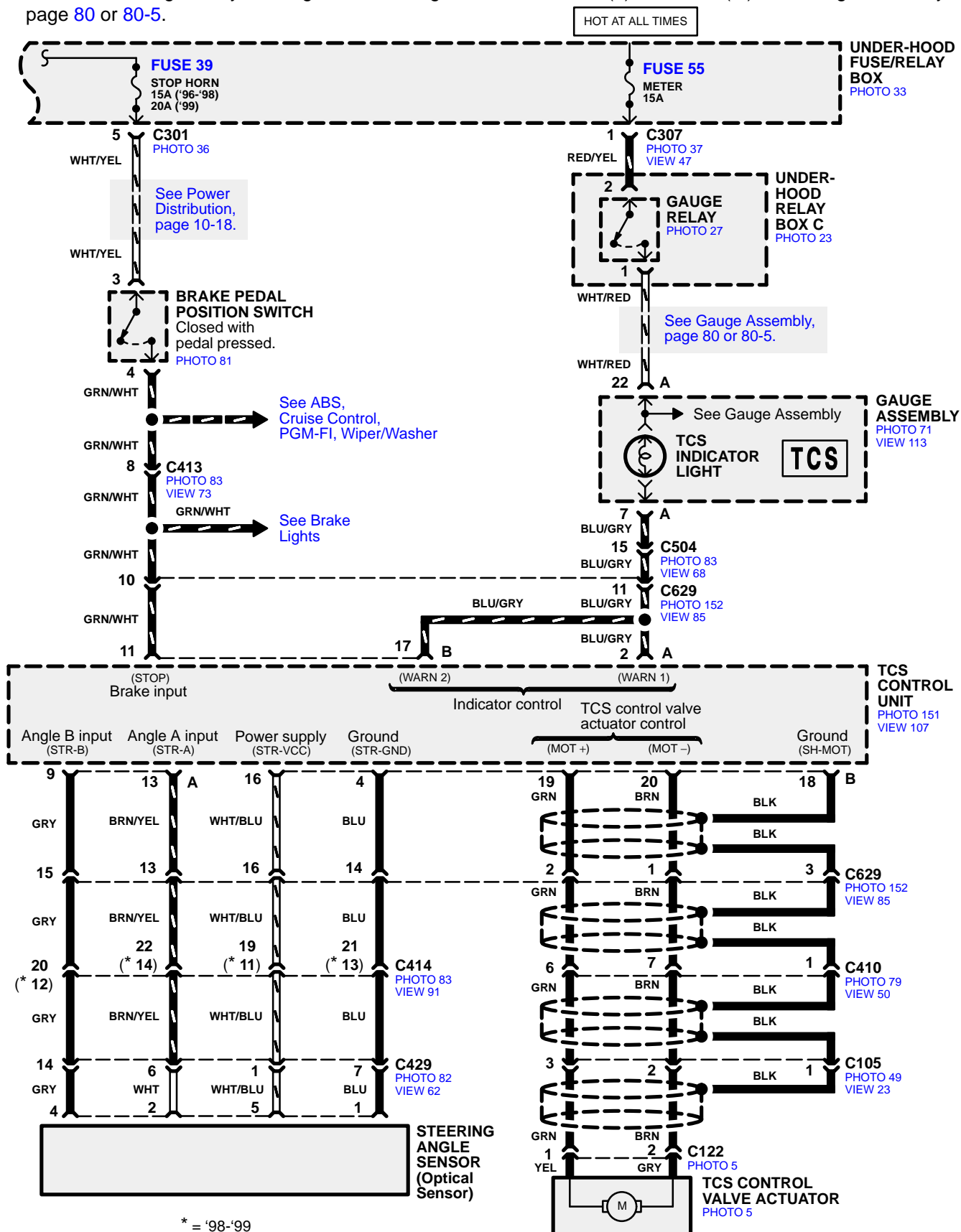
# Traction Control System (TCS) ('96-'99)



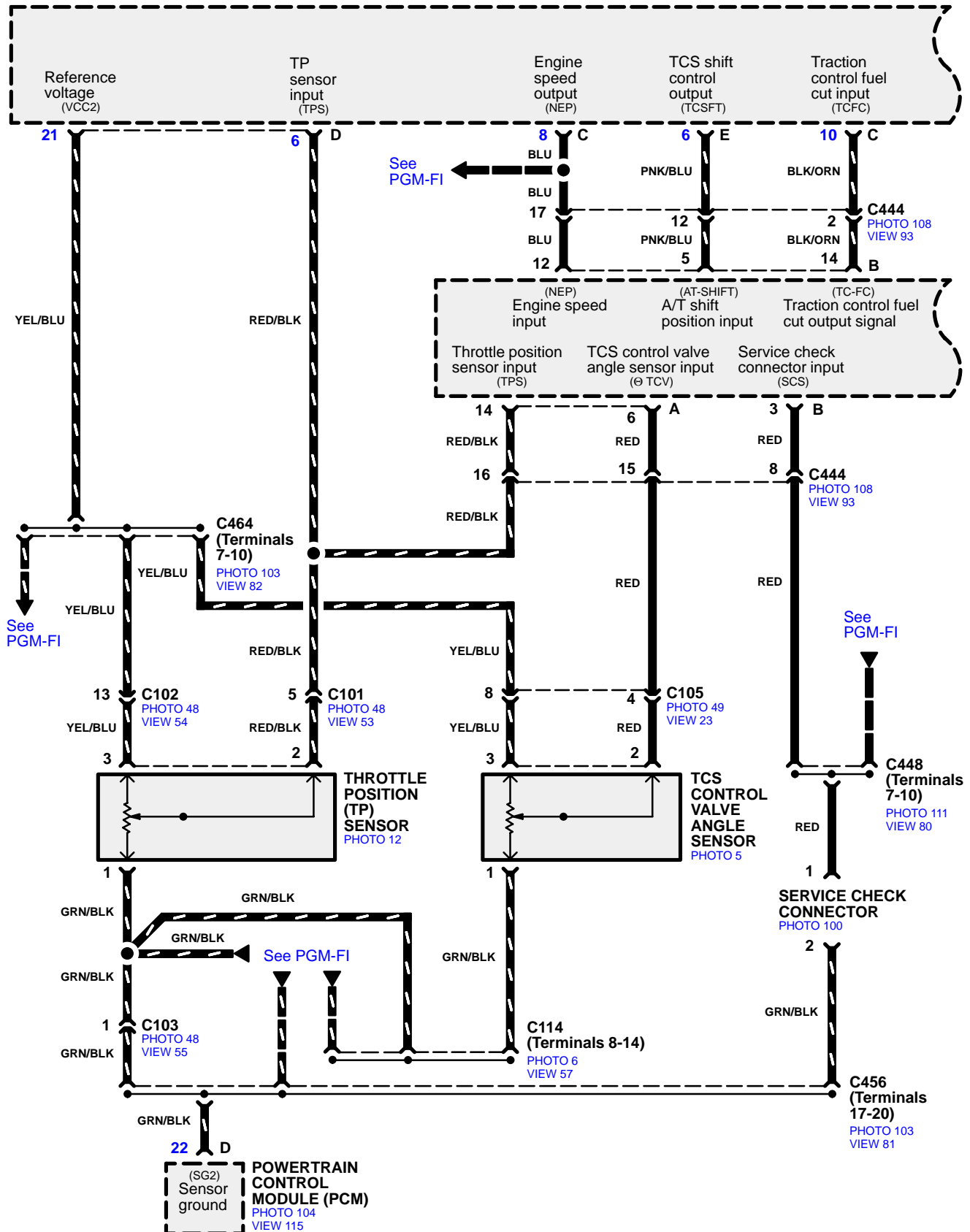


# Traction Control System (TCS) ('96-'99)

NOTE: The Gauge Relay is energized with the Ignition Switch in ON (II) or START (III), see Gauge Assembly, page 80 or 80-5.

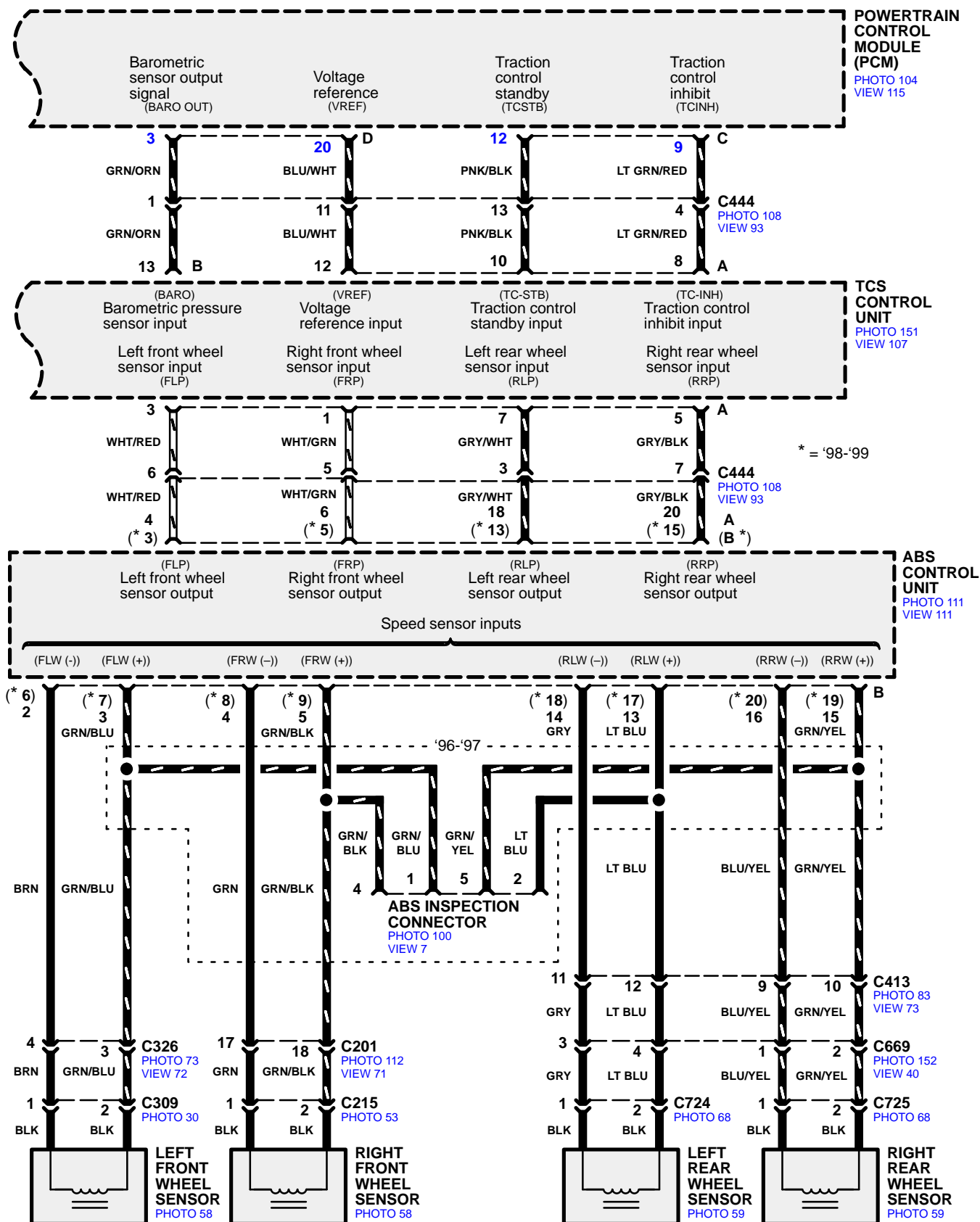


# Traction Control System (TCS) ('96-'99)





# Traction Control System (TCS) ('96-'99)



# Traction Control System (TCS) ('96-'99)

## – How the Circuit Works

---

The traction control system is a variable system that monitors the amount of wheel spin under different driving conditions. During straight line acceleration, the TCS control unit may determine that some wheel spin is beneficial. During cornering, it may determine to reduce wheel spin by adjusting engine power and braking. The system is not designed to correct for gross errors of judgment on the part of the driver.

The TCS control unit communicates with the ABS control unit to obtain information from the wheel speed sensors about wheel speed and frequency of wheel rotational vibration. The wheel rotational vibration is used by the TCS control unit to signal the powertrain control module (PCM) to reduce engine power under certain rough road conditions. The TCS control unit also communicates with the PCM to monitor A/T gear position, throttle position, engine rpm, atmospheric pressure, and "TCS inhibit" information.

The TCS control unit also monitors input from the steering angle sensor. When you turn the steering wheel, the steering angle sensor sends a signal to the TCS control unit which reads it as a specific cornering radius. The TCS control unit also determines the straight ahead position by comparing the front wheel speed inputs from the ABS control unit. When the left front and right front wheels are rotating at the same speed, the car is moving in a straight line. The TCS control unit determines the yaw angle by comparing the actual cornering radius provided by the wheel speed sensor inputs to the steering angle. If required, the control unit will signal the TCS control valve actuator and the PCM to reduce engine power and slow the car down to maintain the cornering radius set by the steering angle sensor when you turned the wheel.

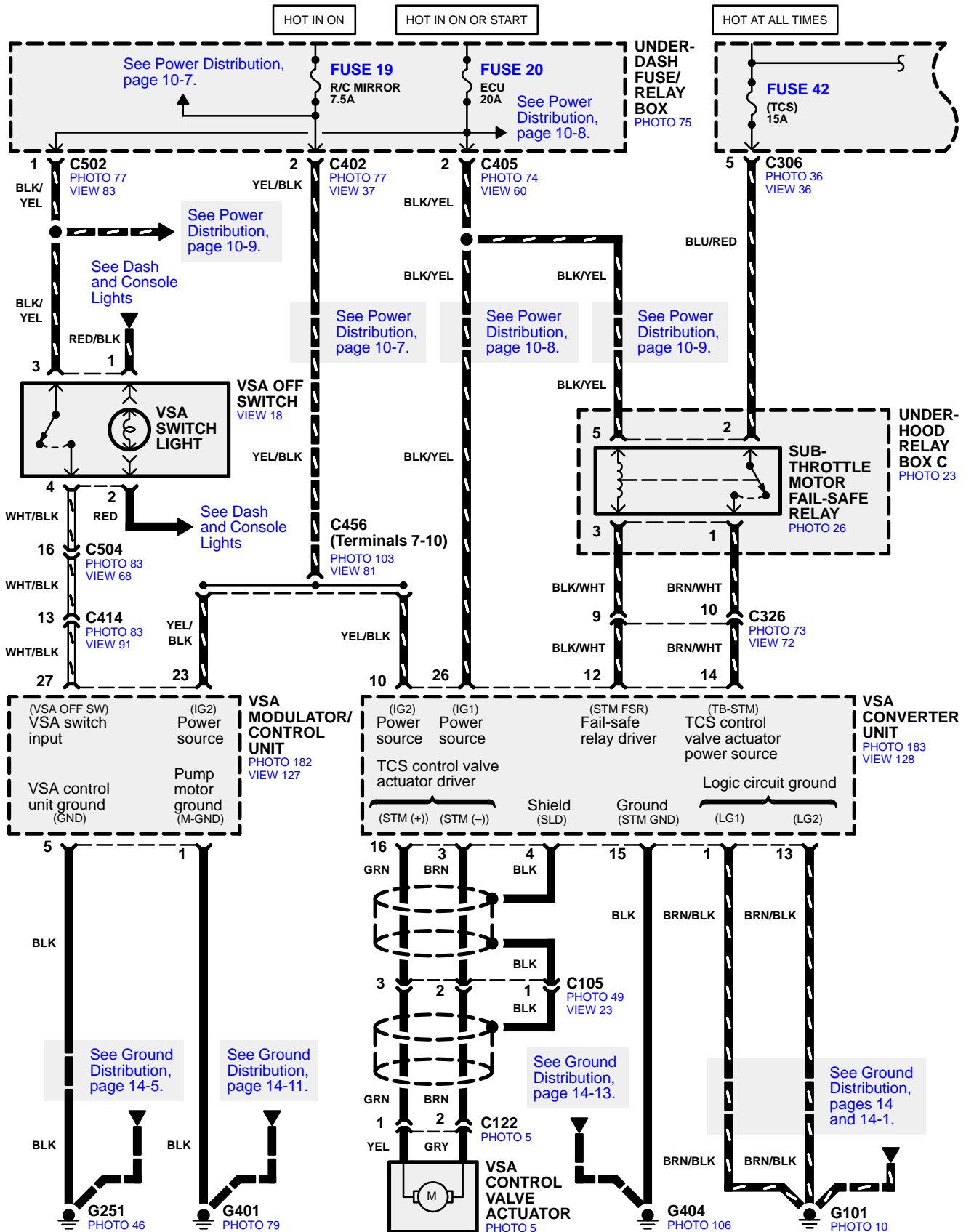
The TCS control unit is a self-diagnosing component and monitors the sensors for irregular signals.

Refer to the Service Manual (Section 19, Brakes) for testing and troubleshooting procedures.



# Vehicle Stability Assist (VSA) System

– '00-'04





NOTE: The Gauge Relay is energized with the Ignition Switch in ON (II) or START (III). See Gauge Assembly, page 80-5.



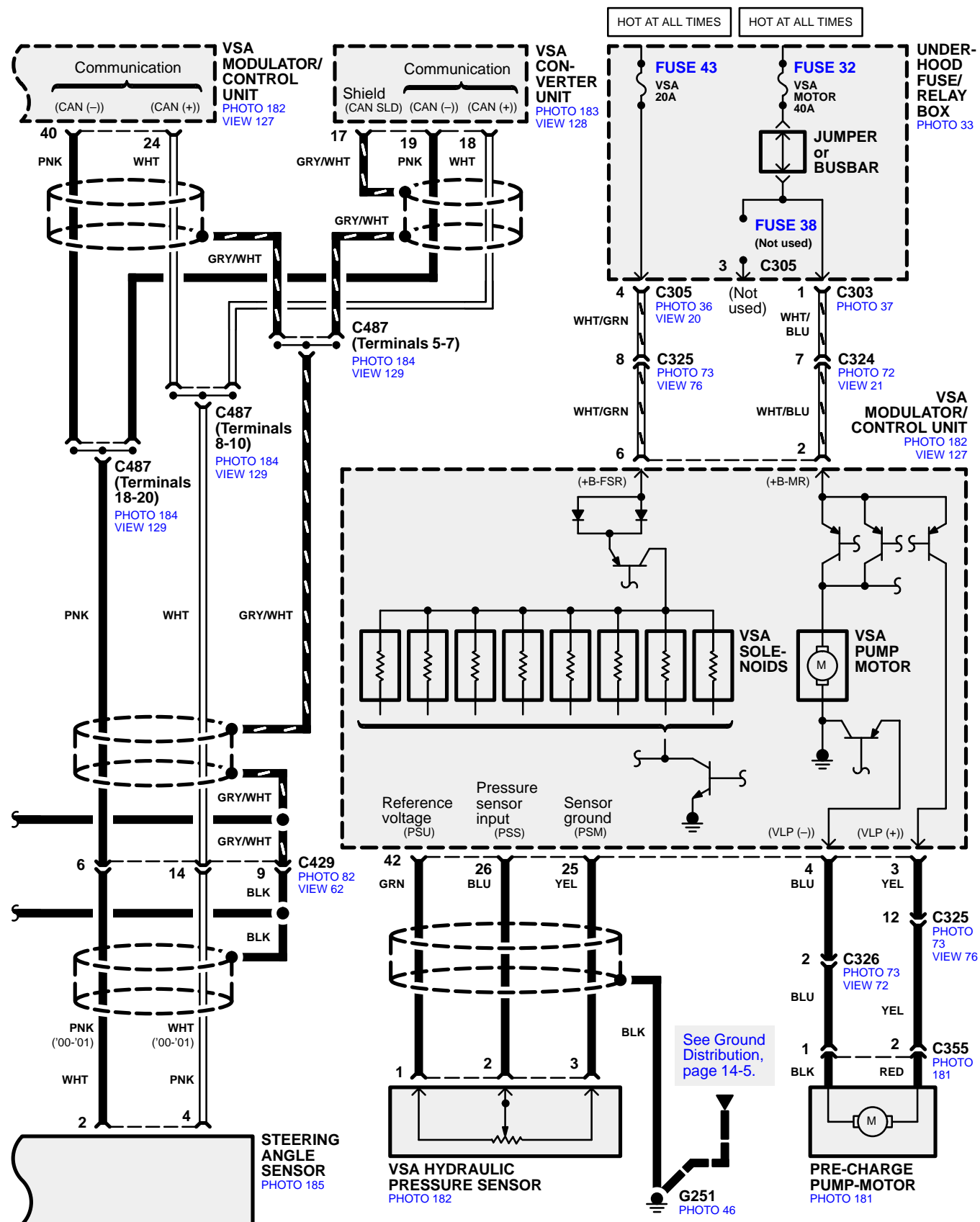
– '00-'04





# Vehicle Stability Assist (VSA) System

– '00-'04



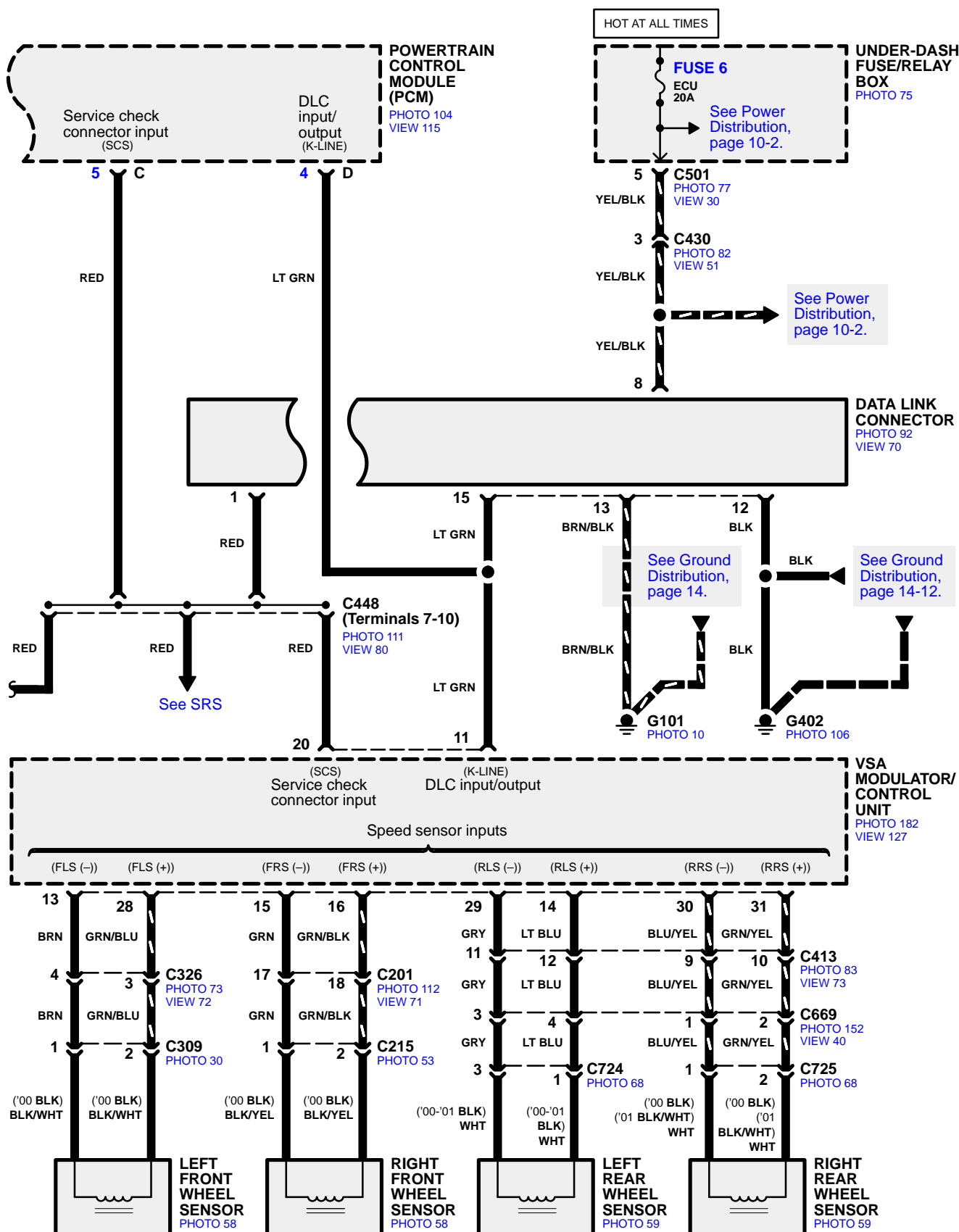
– '00-'04





# Vehicle Stability Assist (VSA) System

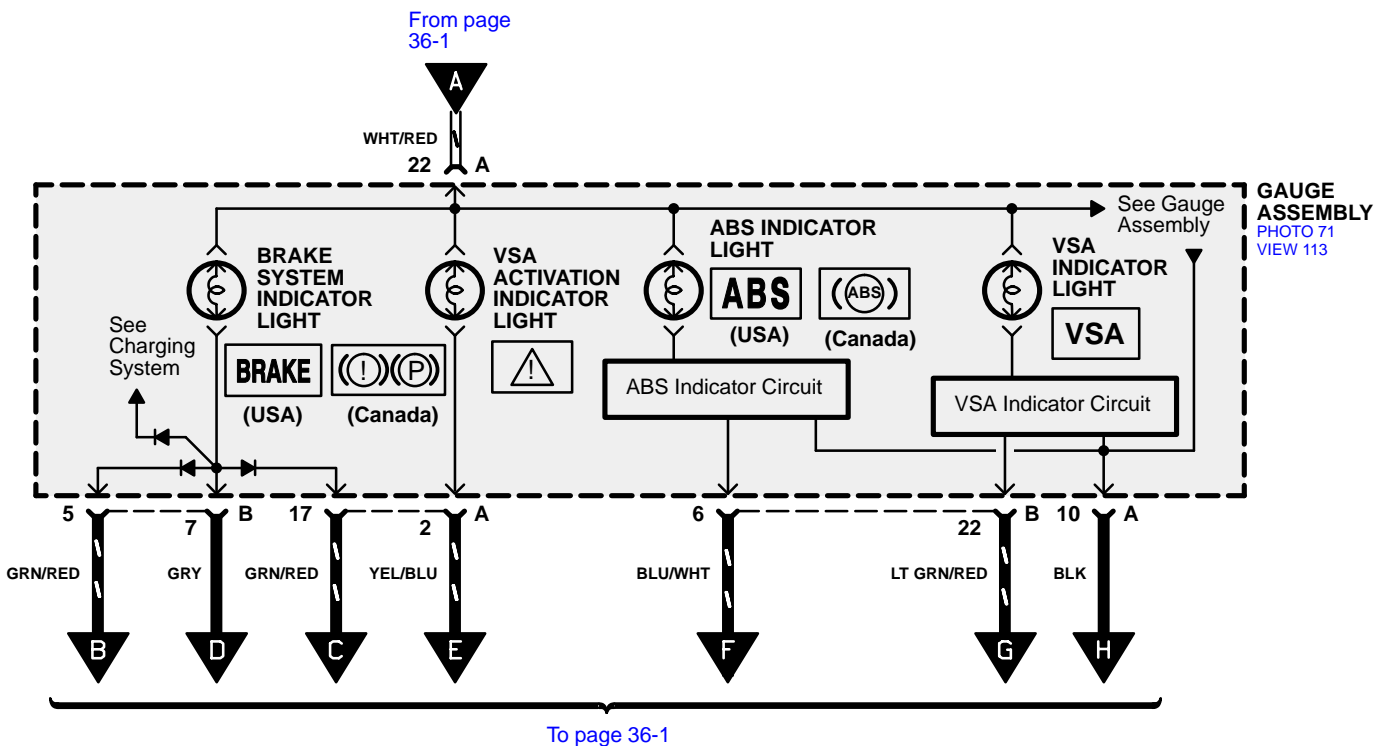
– '00-'04



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# Vehicle Stability Assist (VSA) System

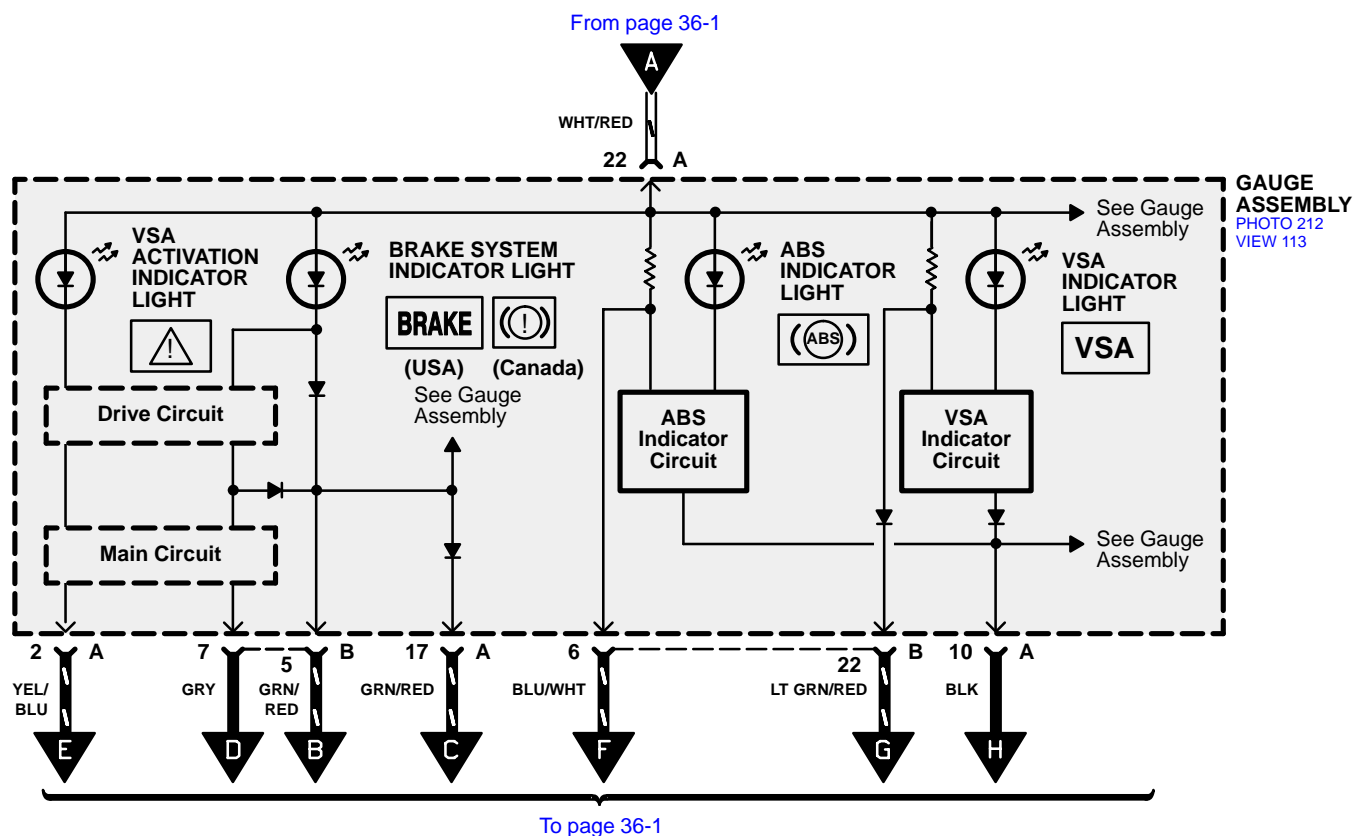
– '00-'03





# Vehicle Stability Assist (VSA) System

- '04



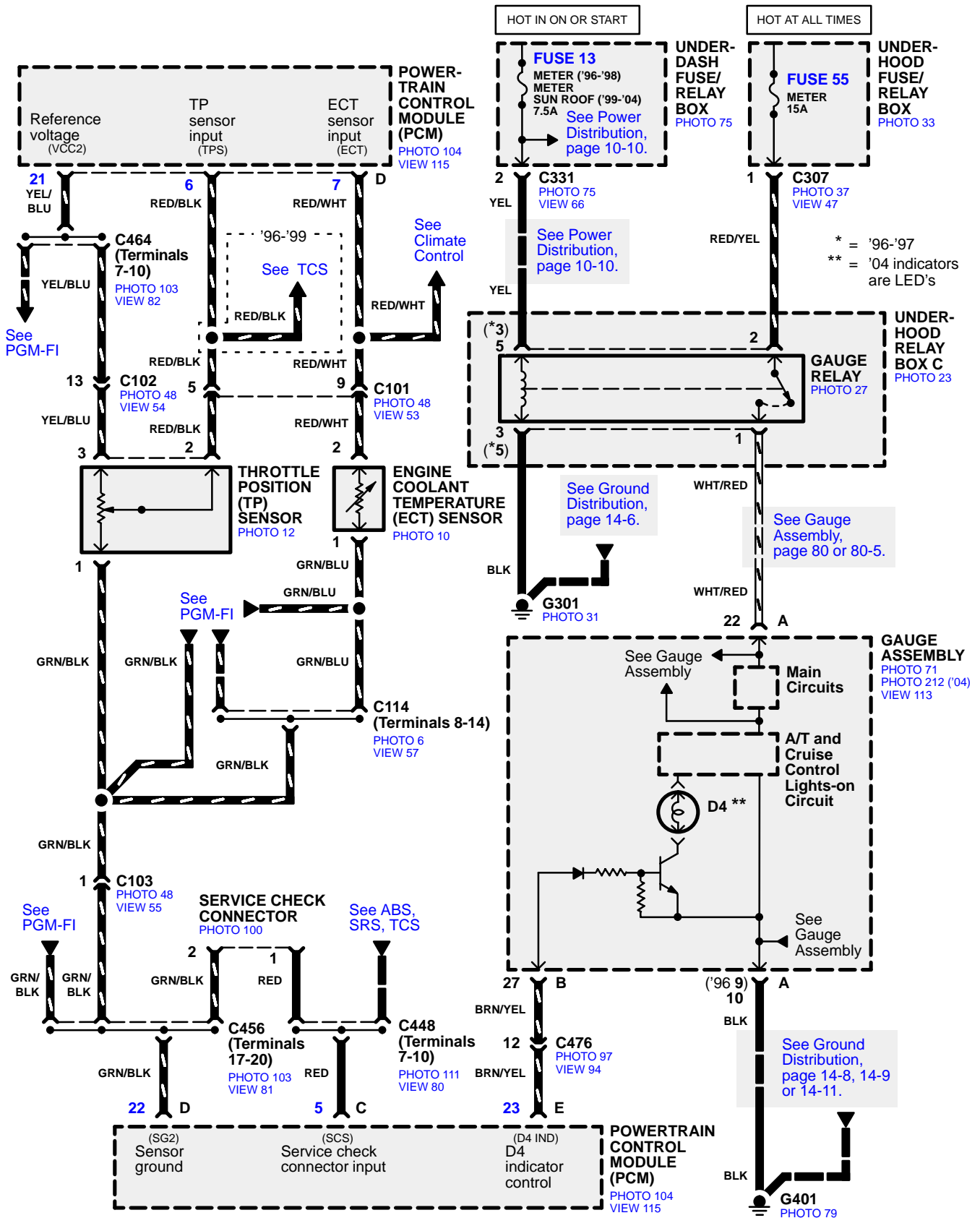


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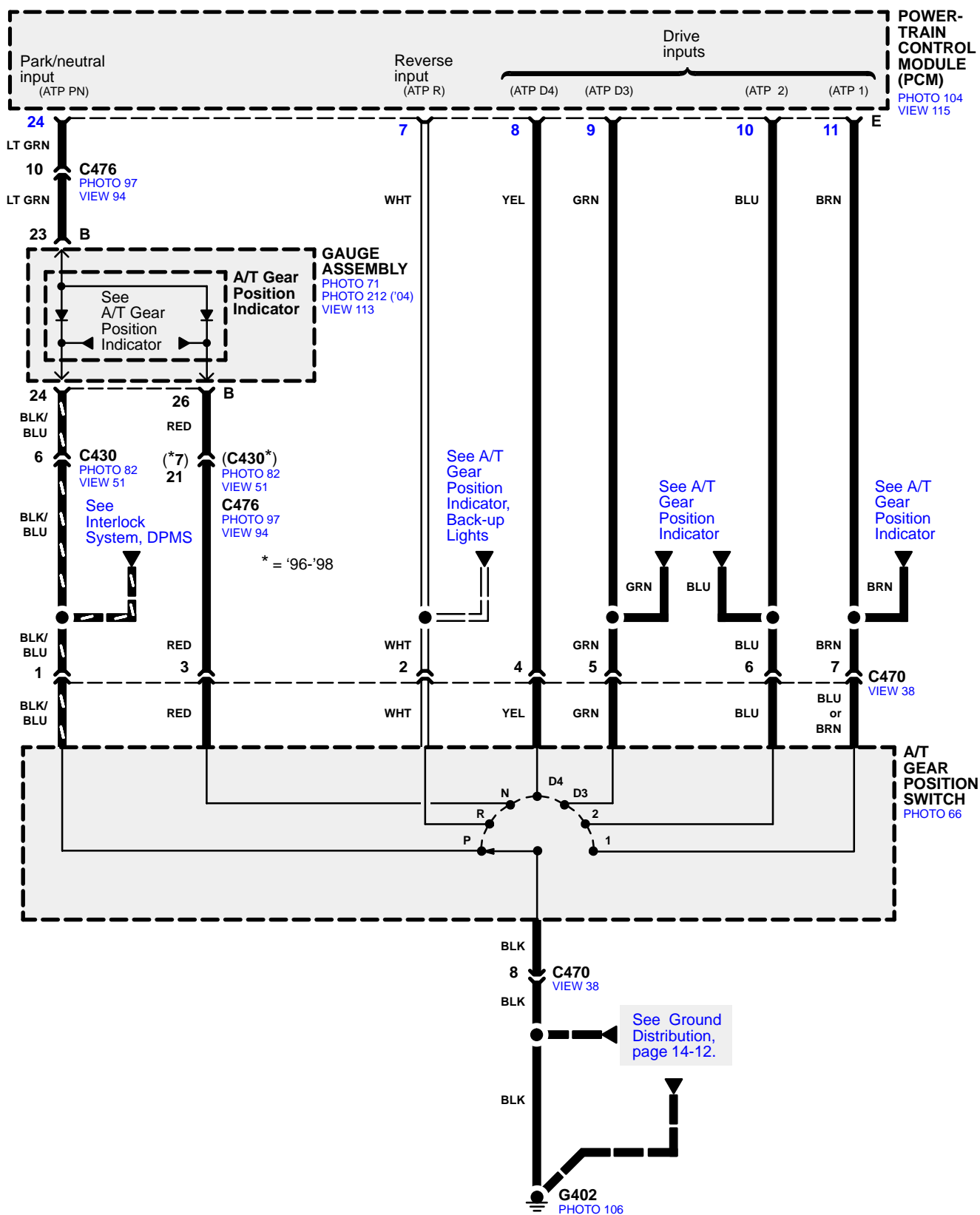


# Automatic Transmission Controls





# Automatic Transmission Controls



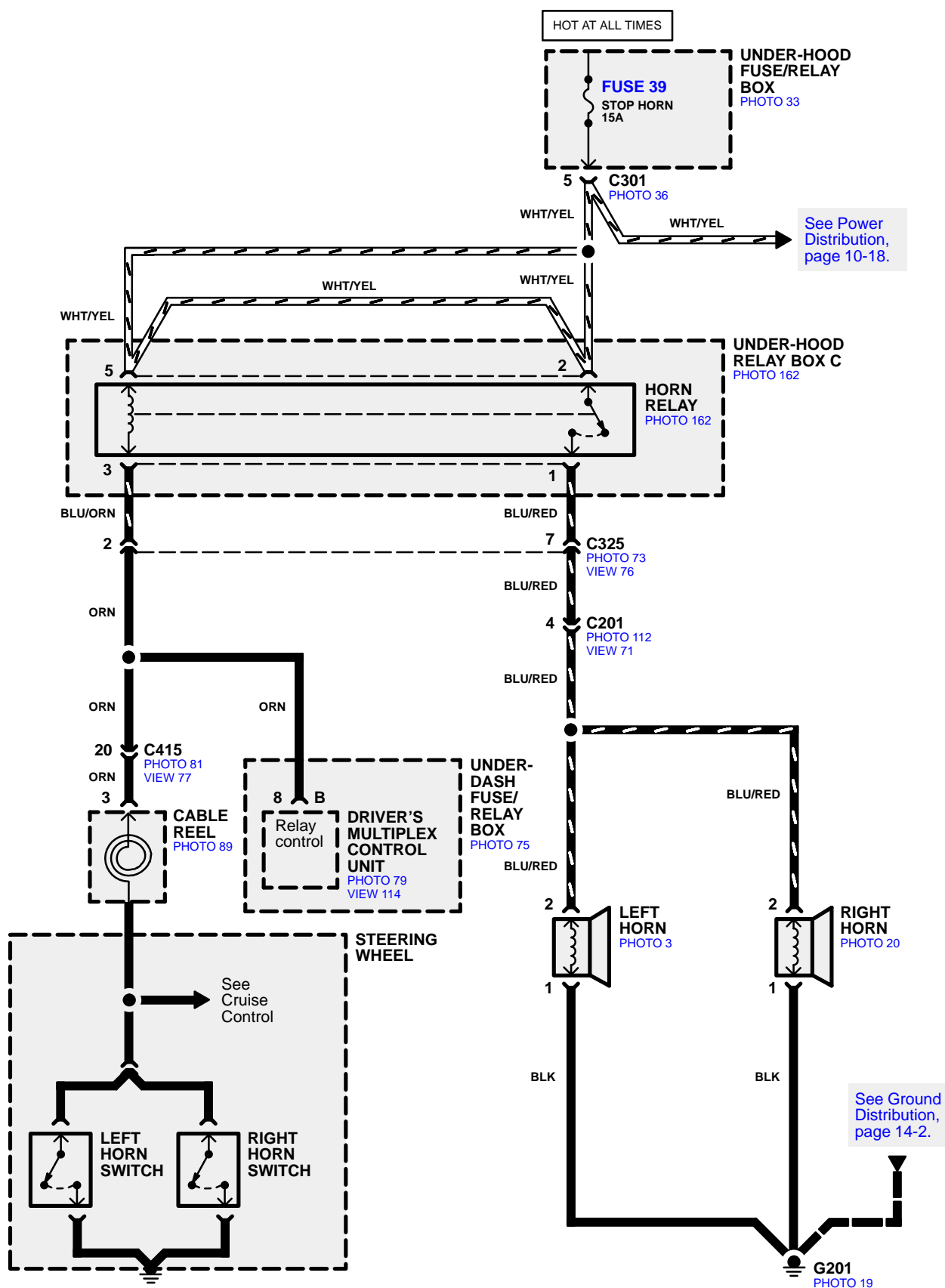
**– ‘96-‘97**





# Horns

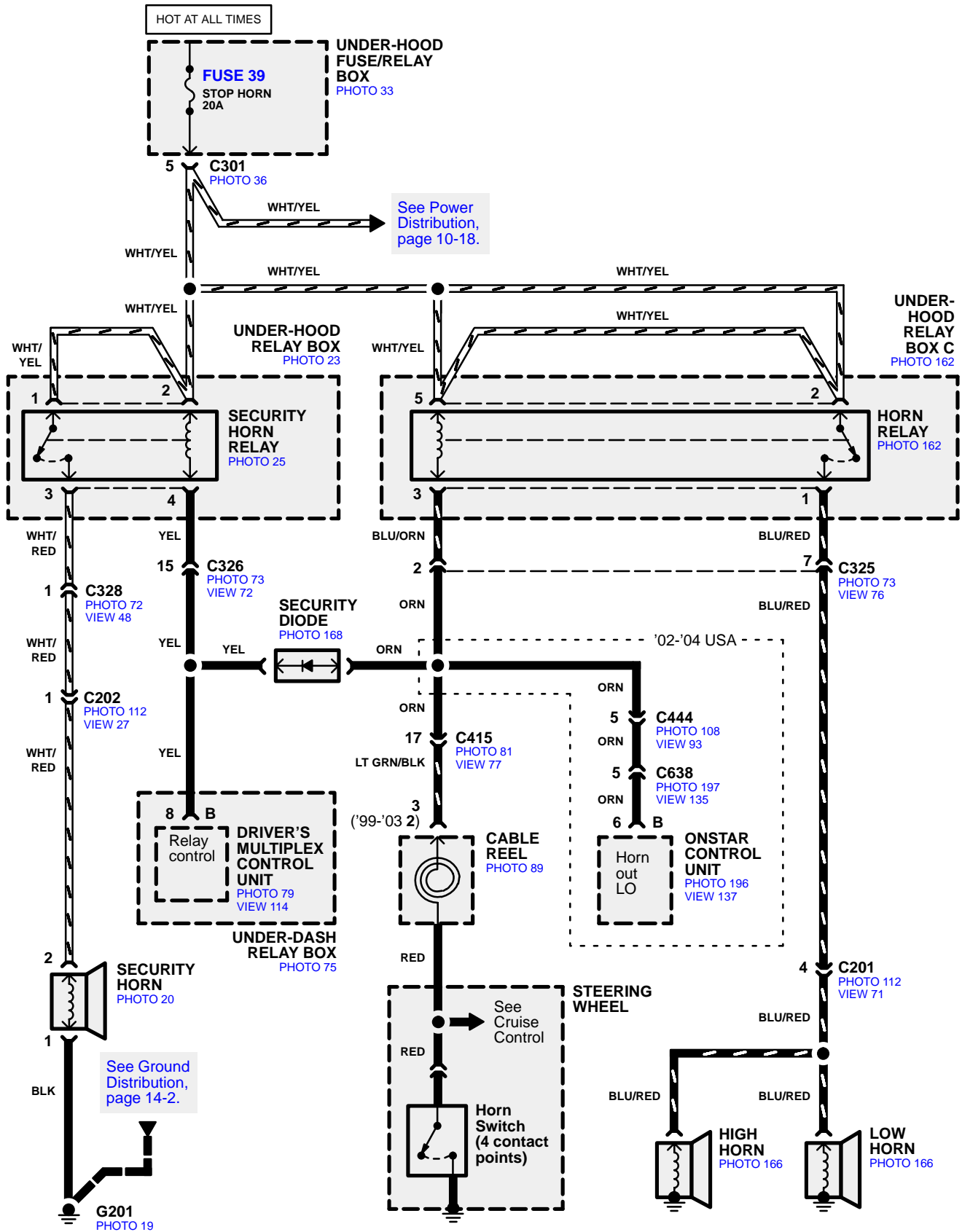
— '98



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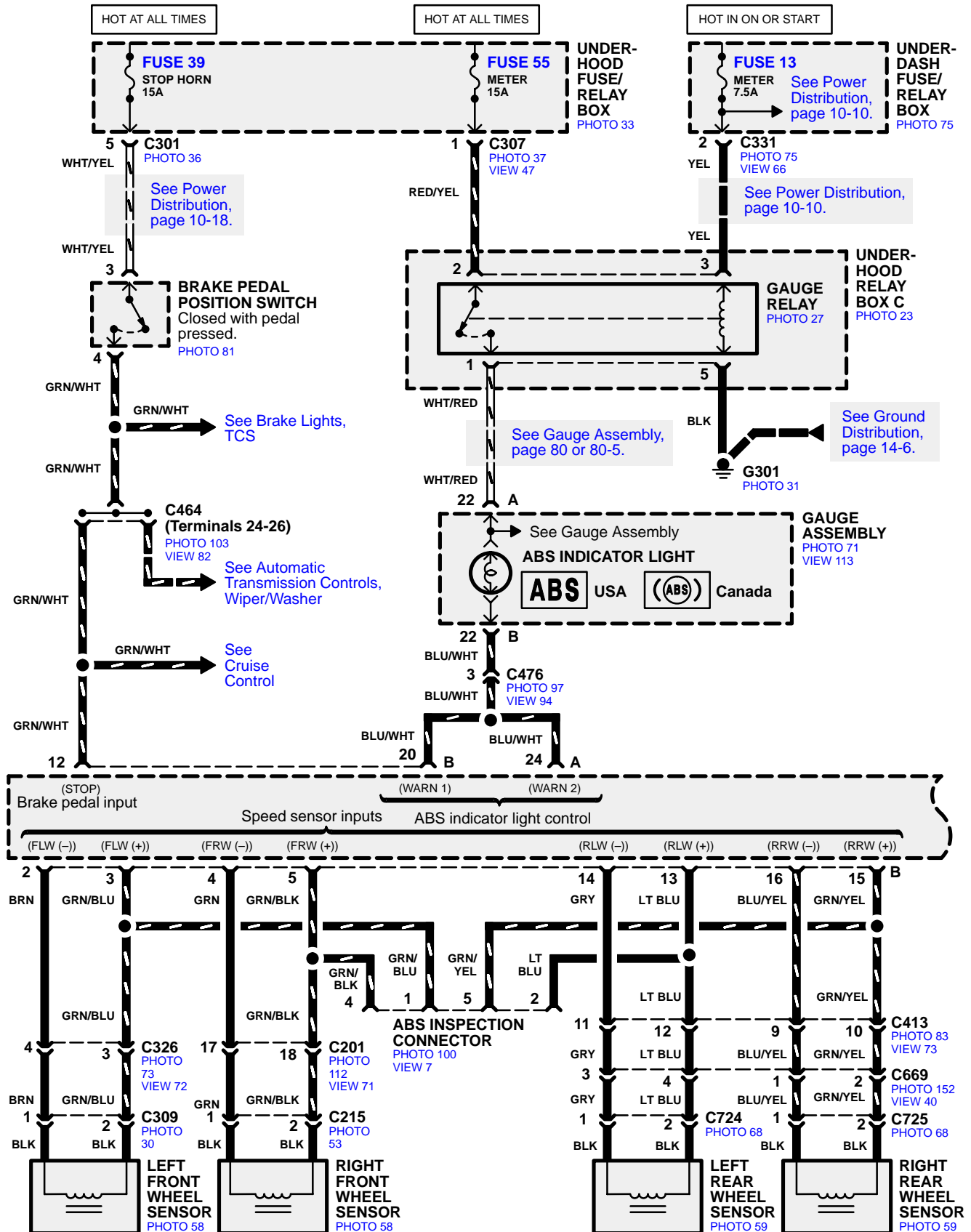
# Horns

– '99-'04



# Anti-Lock Brake System (ABS)

– '96-'97

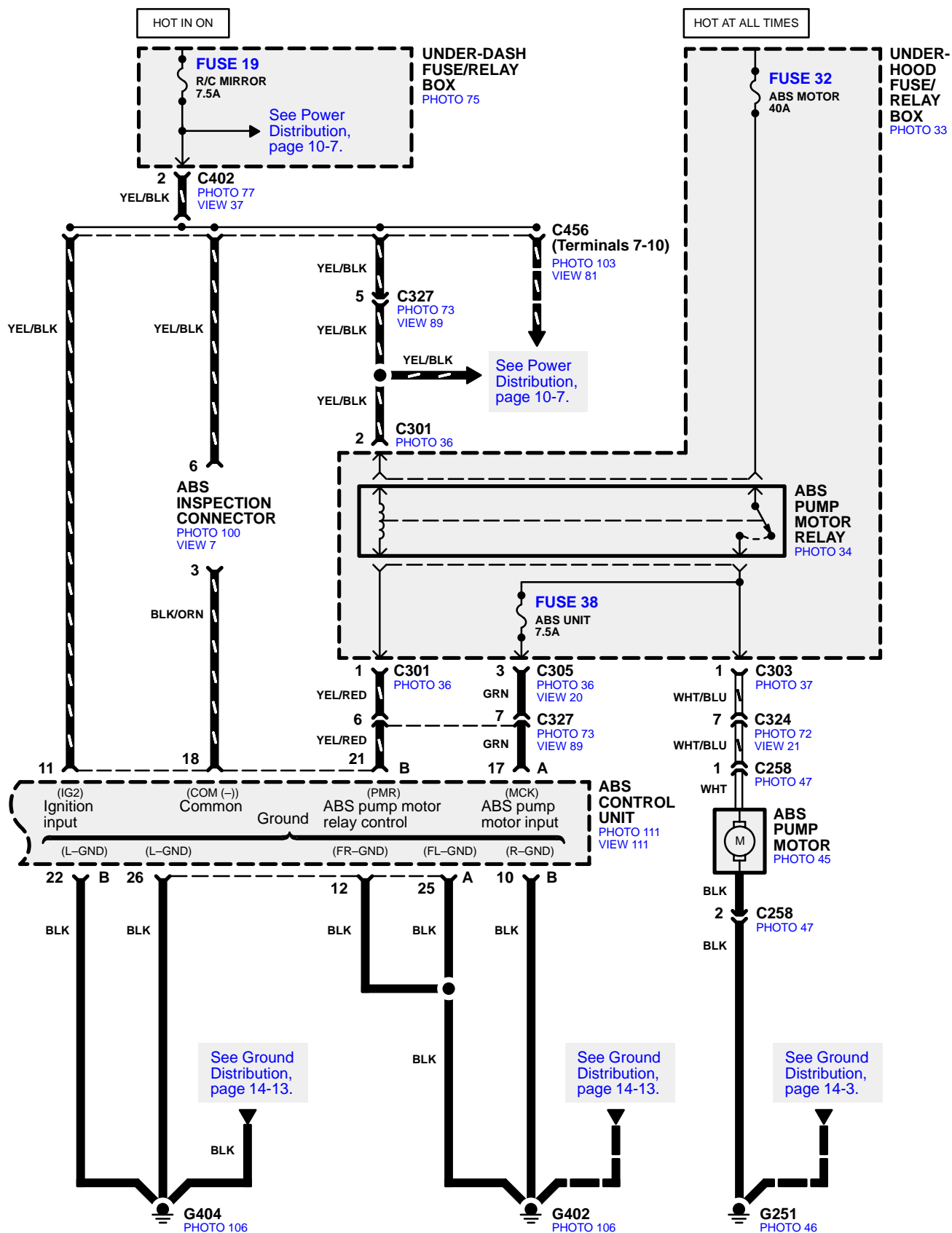






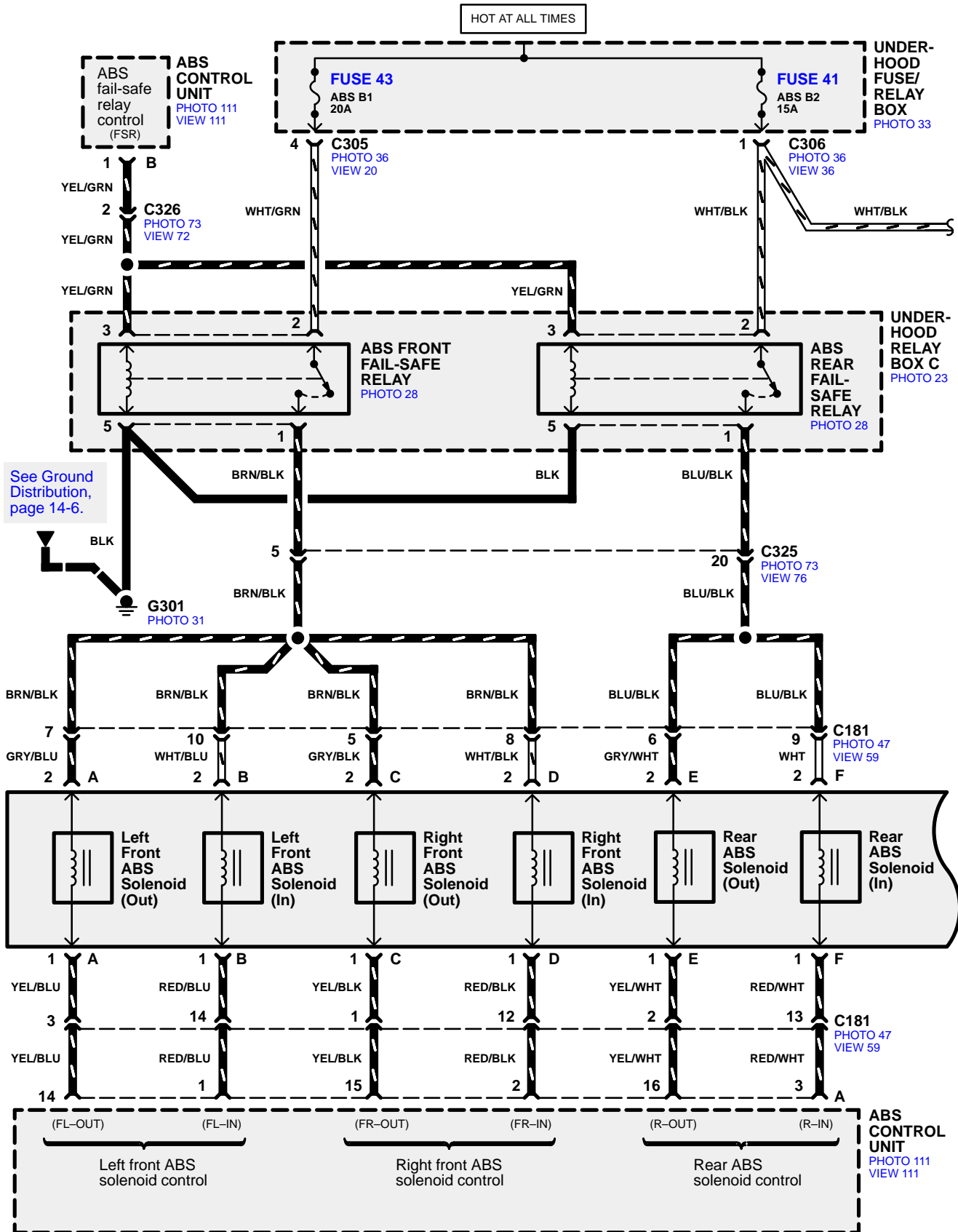
# Anti-Lock Brake System (ABS)

– '96-'97



# Anti-Lock Brake System (ABS)

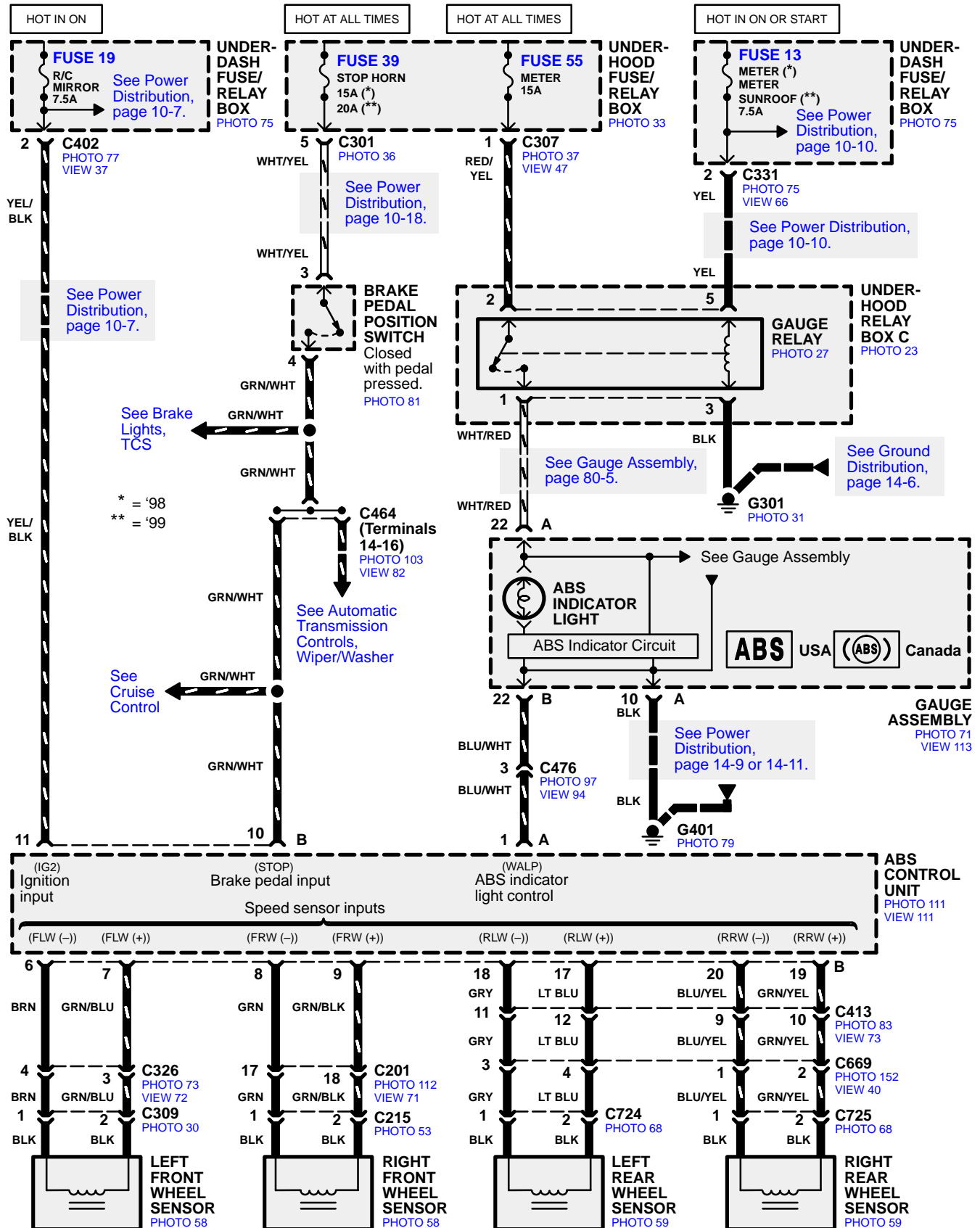
– '96-'97



[illegible]

# Anti-Lock Brake System (ABS)

— '98-'99



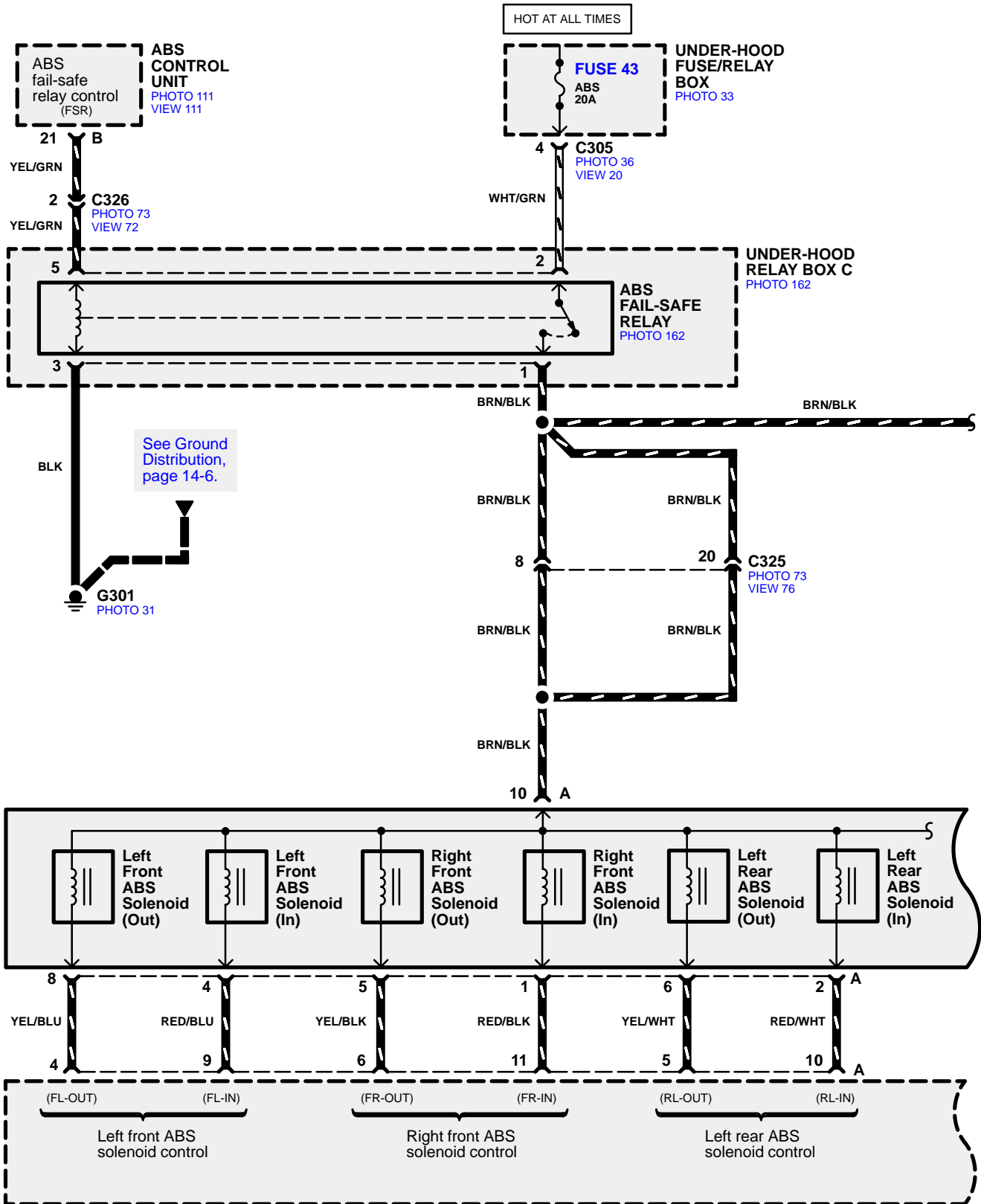


ProCarManuals.com



# Anti-Lock Brake System (ABS)

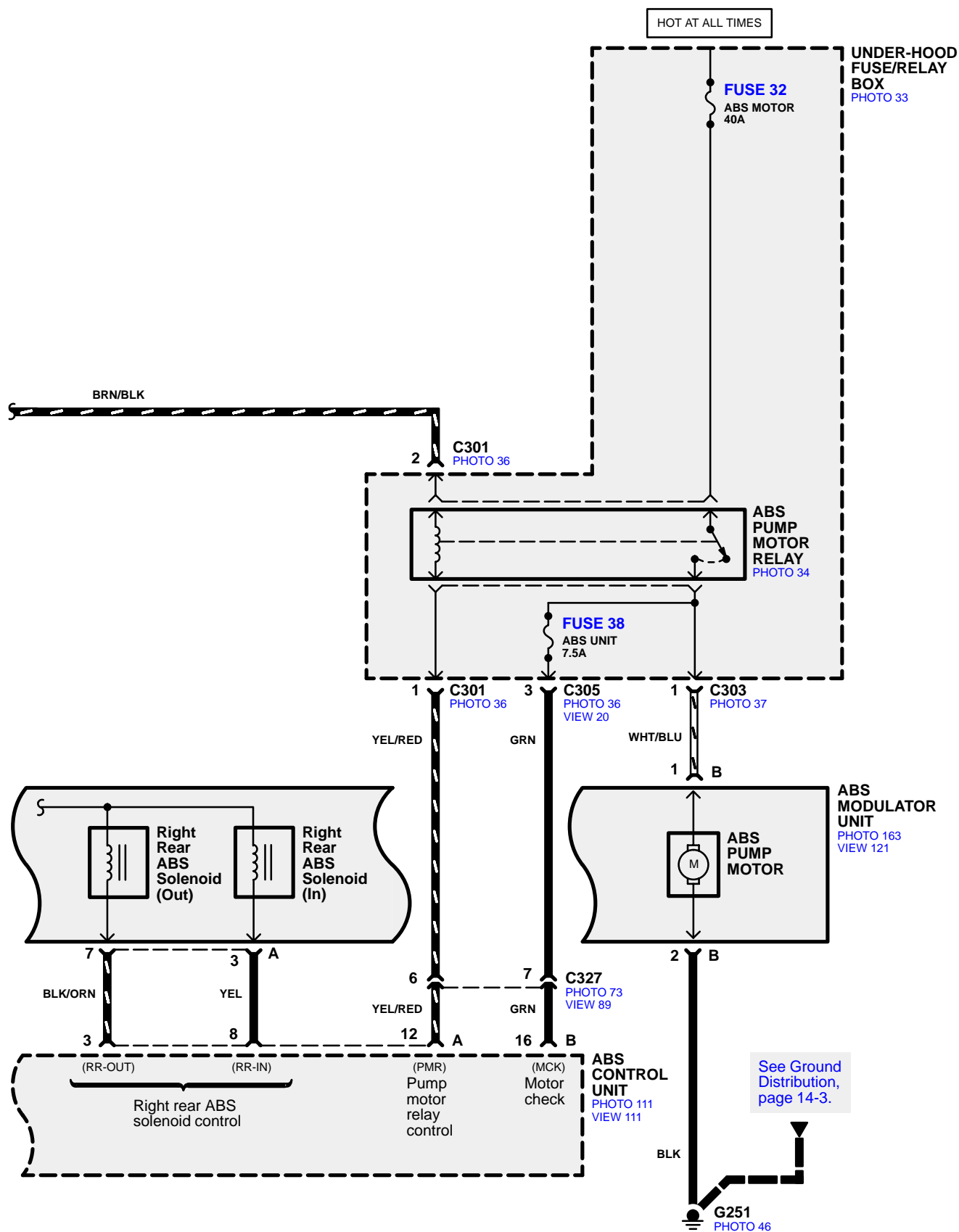
– '98-'99





# Anti-Lock Brake System (ABS)

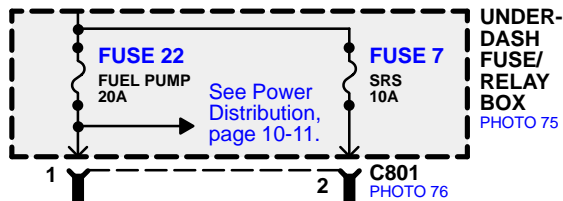
– '98-'99



# Supplemental Restraint System (SRS)

— '96-'98

HOT IN ON OR START

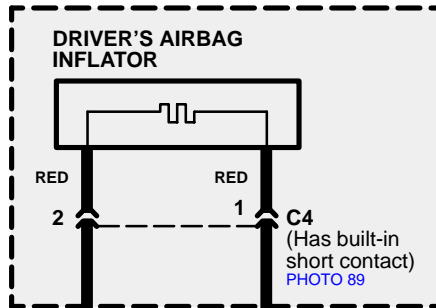


**WARNING**

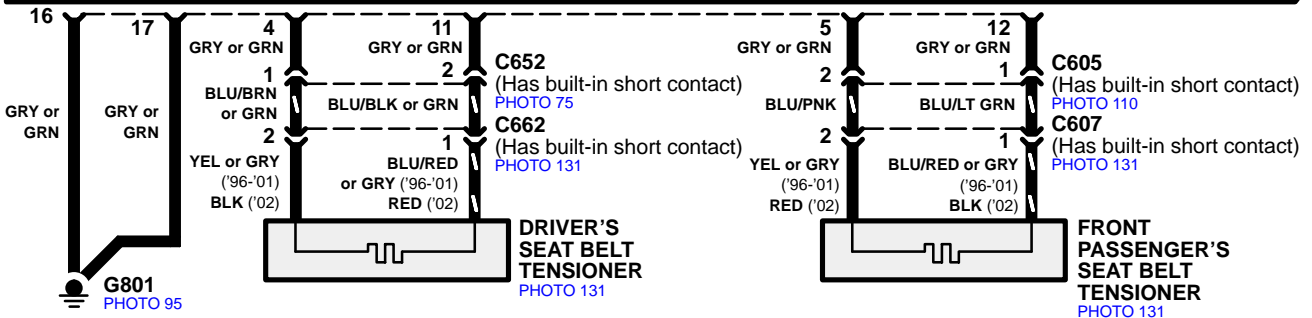
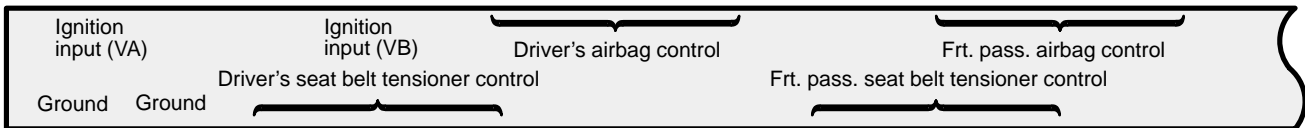
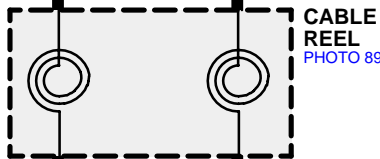
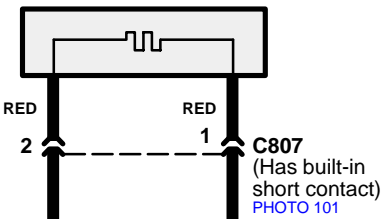
To avoid accidental deployment and possible injury, always disconnect the driver's and front passenger's airbag connectors and seat belt tensioner connectors (automatically shorted) before working near any SRS wiring.

**CAUTION:** Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.

## STEERING WHEEL



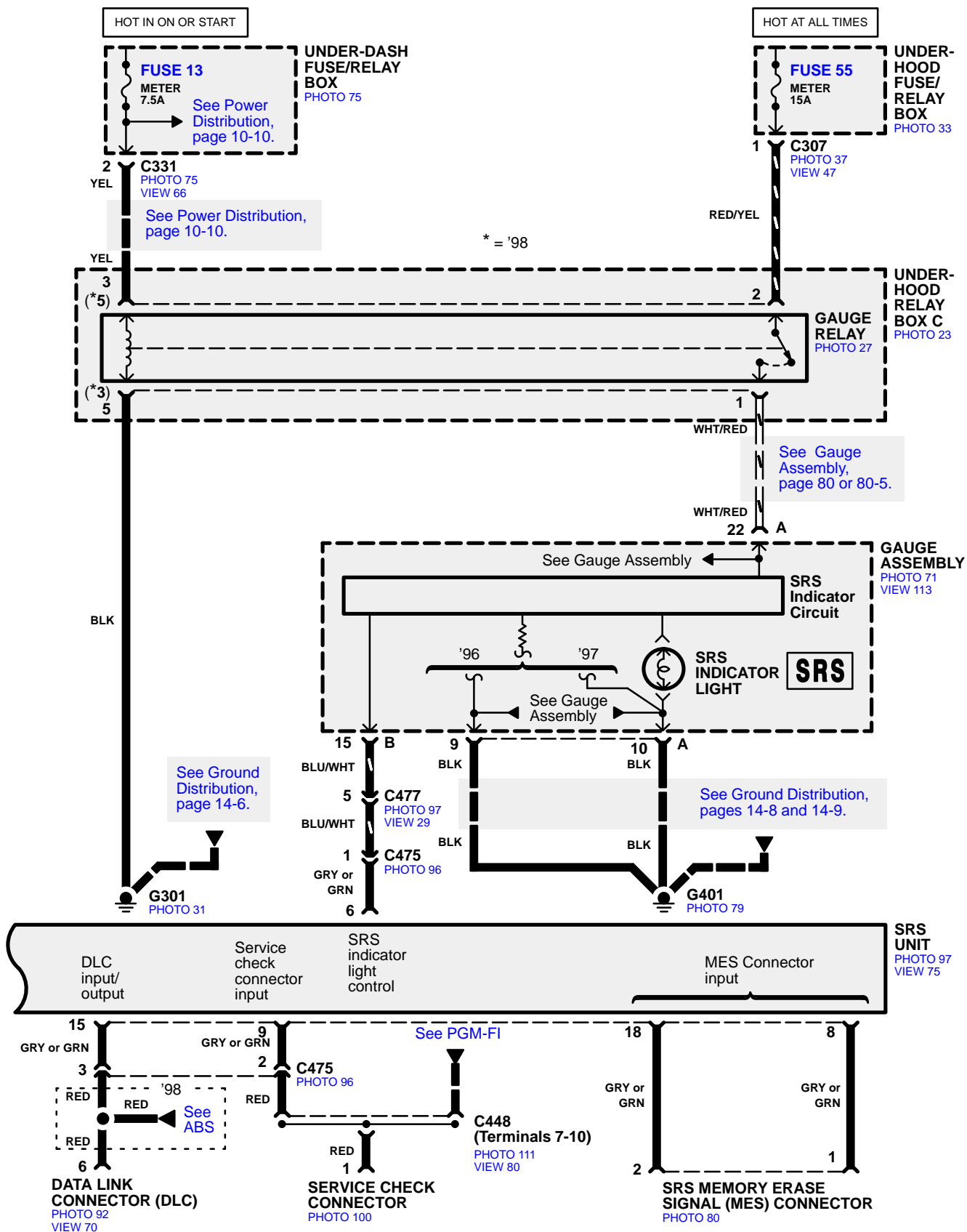
## FRONT PASSENGER'S AIRBAG INFLATOR





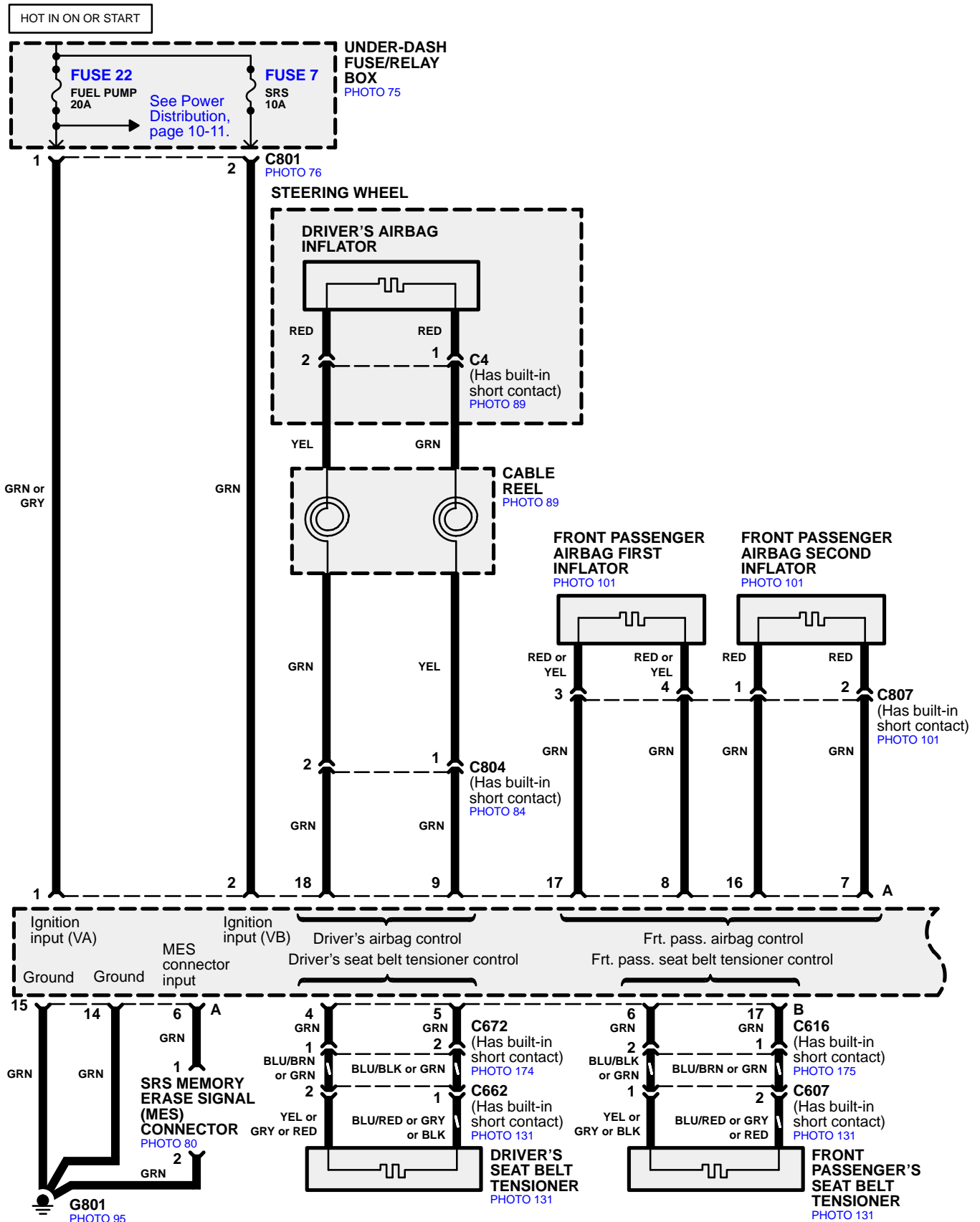
## Supplemental Restraint System (SRS)

– '96-'98



# Supplemental Restraint System (SRS)

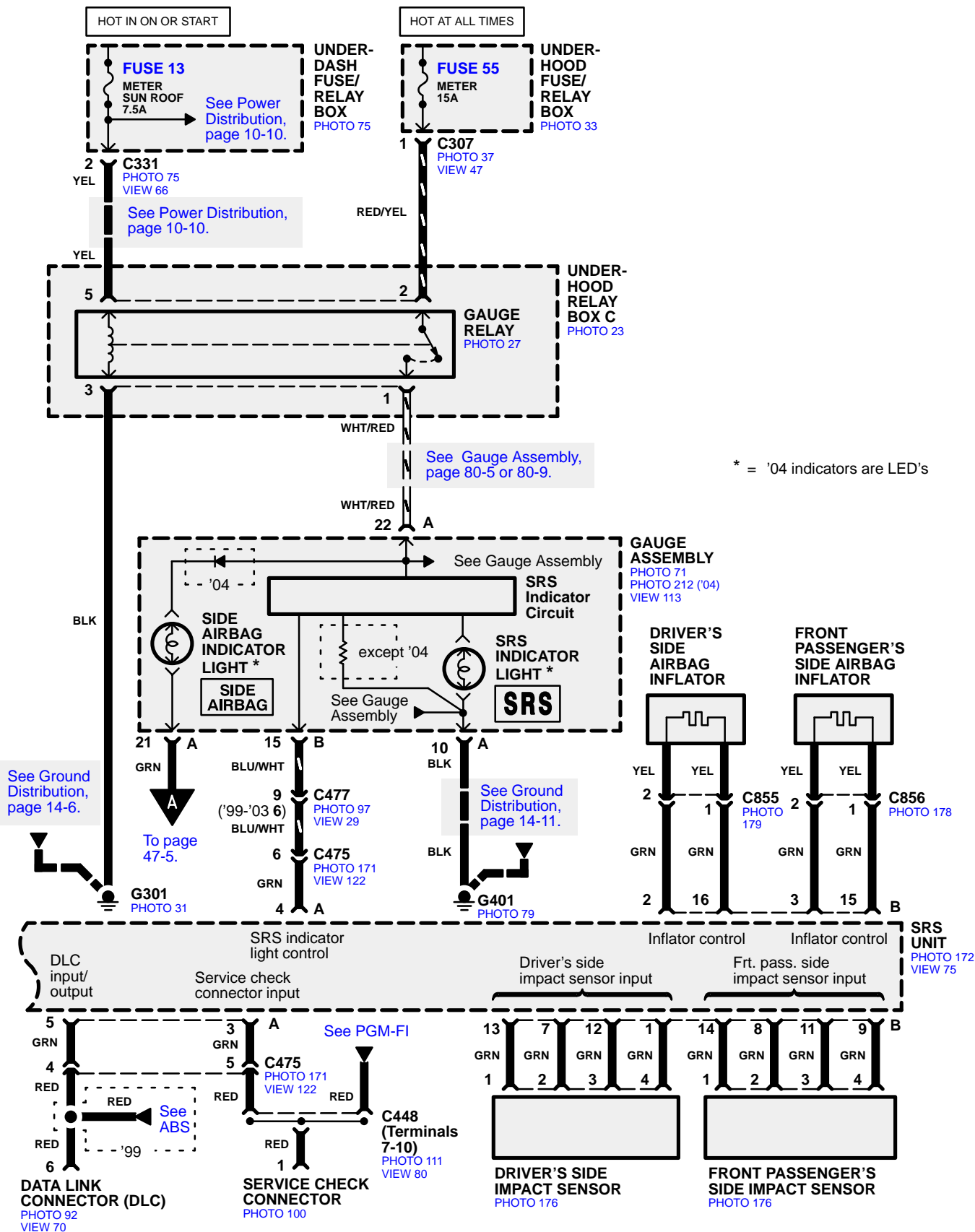
— '99-'04





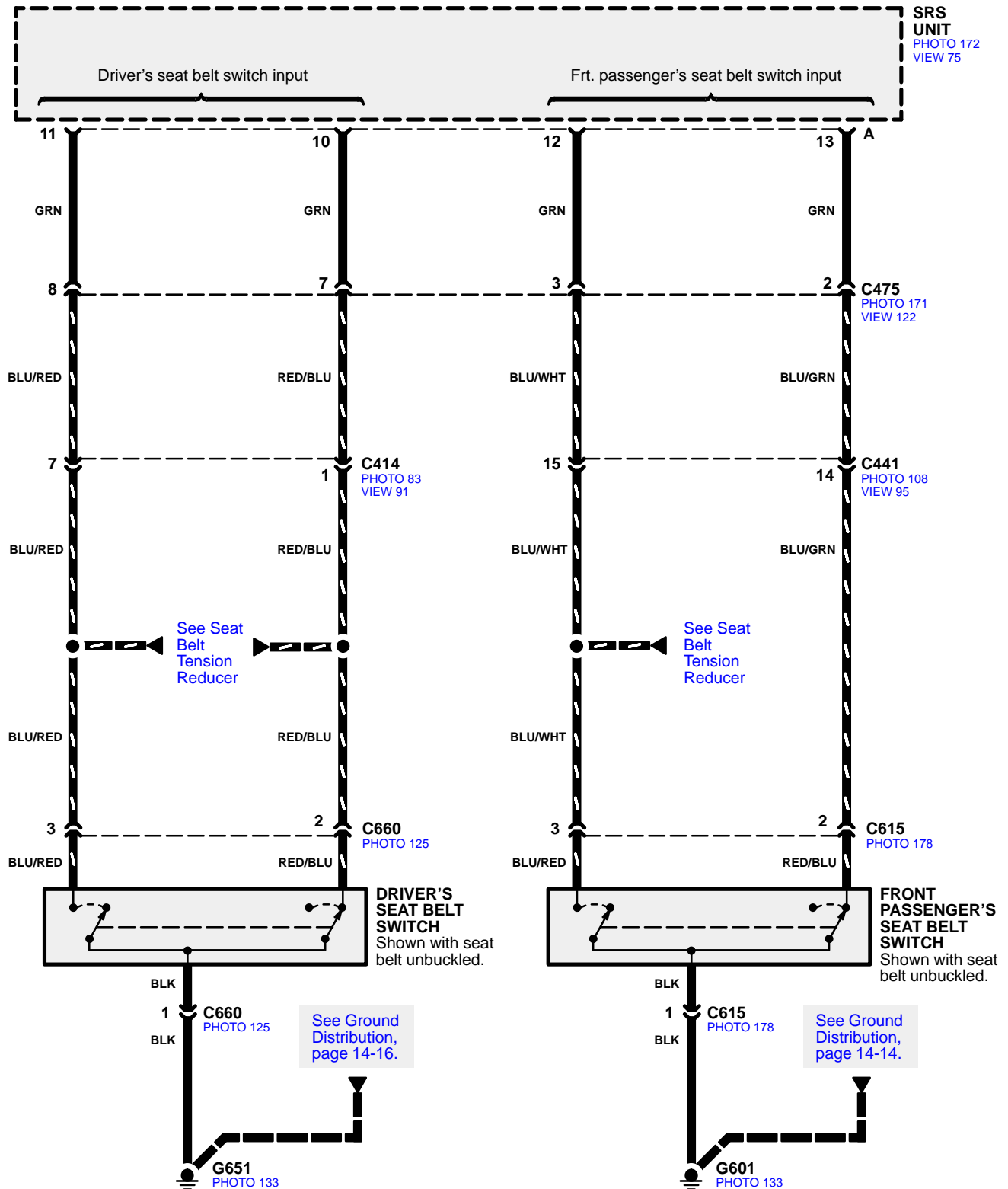
# Supplemental Restraint System (SRS)

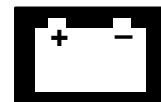
– '99-'04



# Supplemental Restraint System (SRS)

– '99-'04

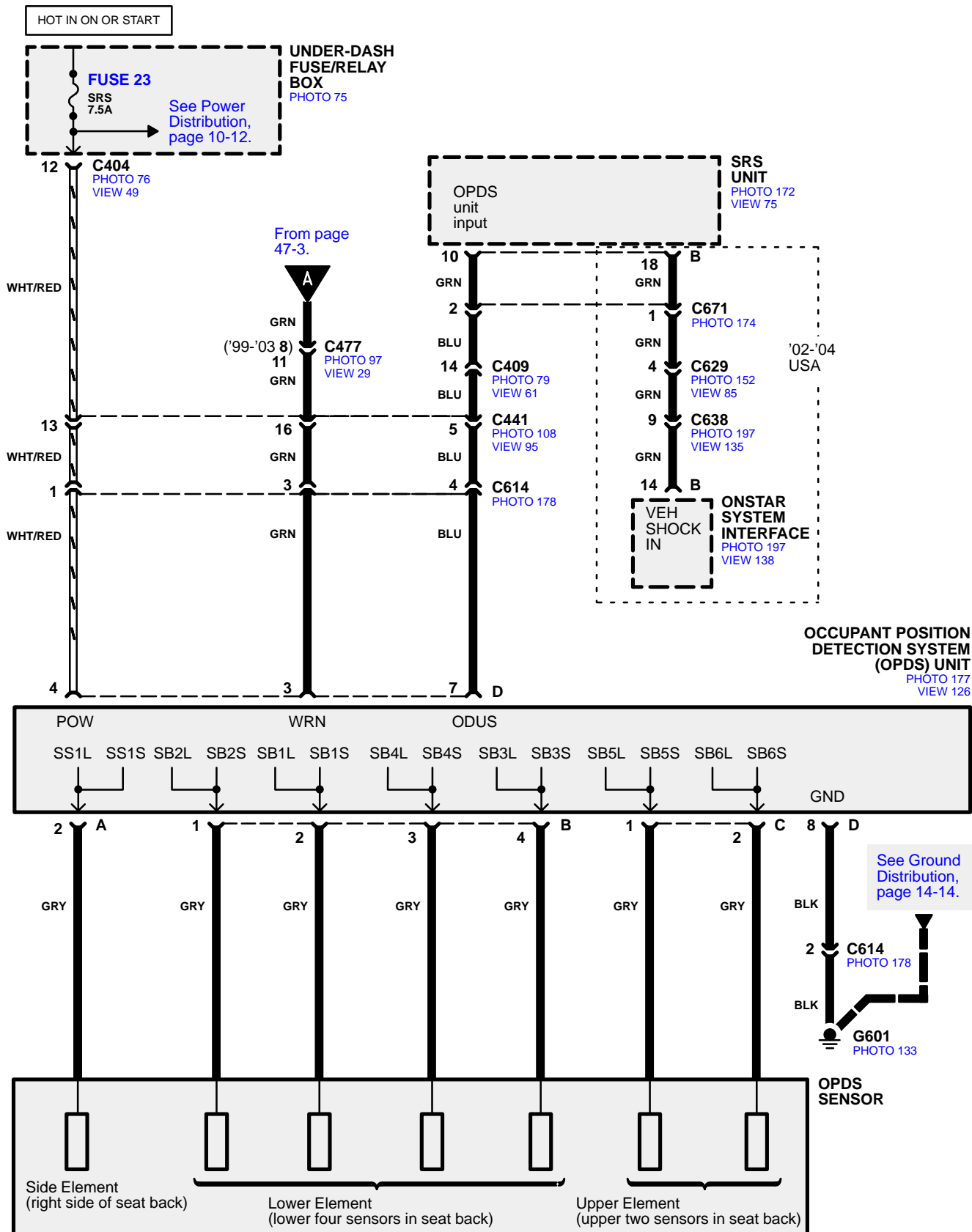




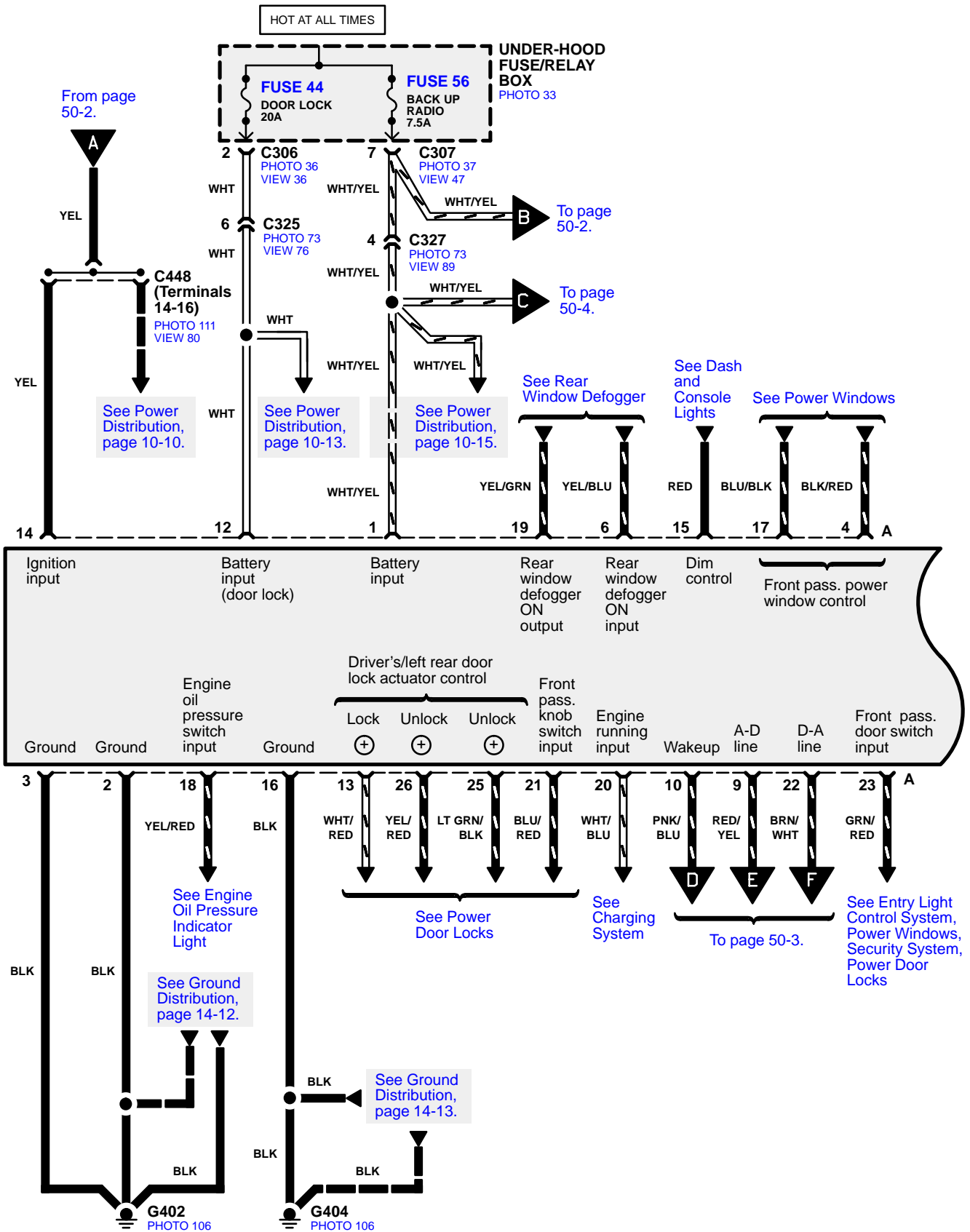
# Supplemental Restraint System (SRS)

— '99-'04

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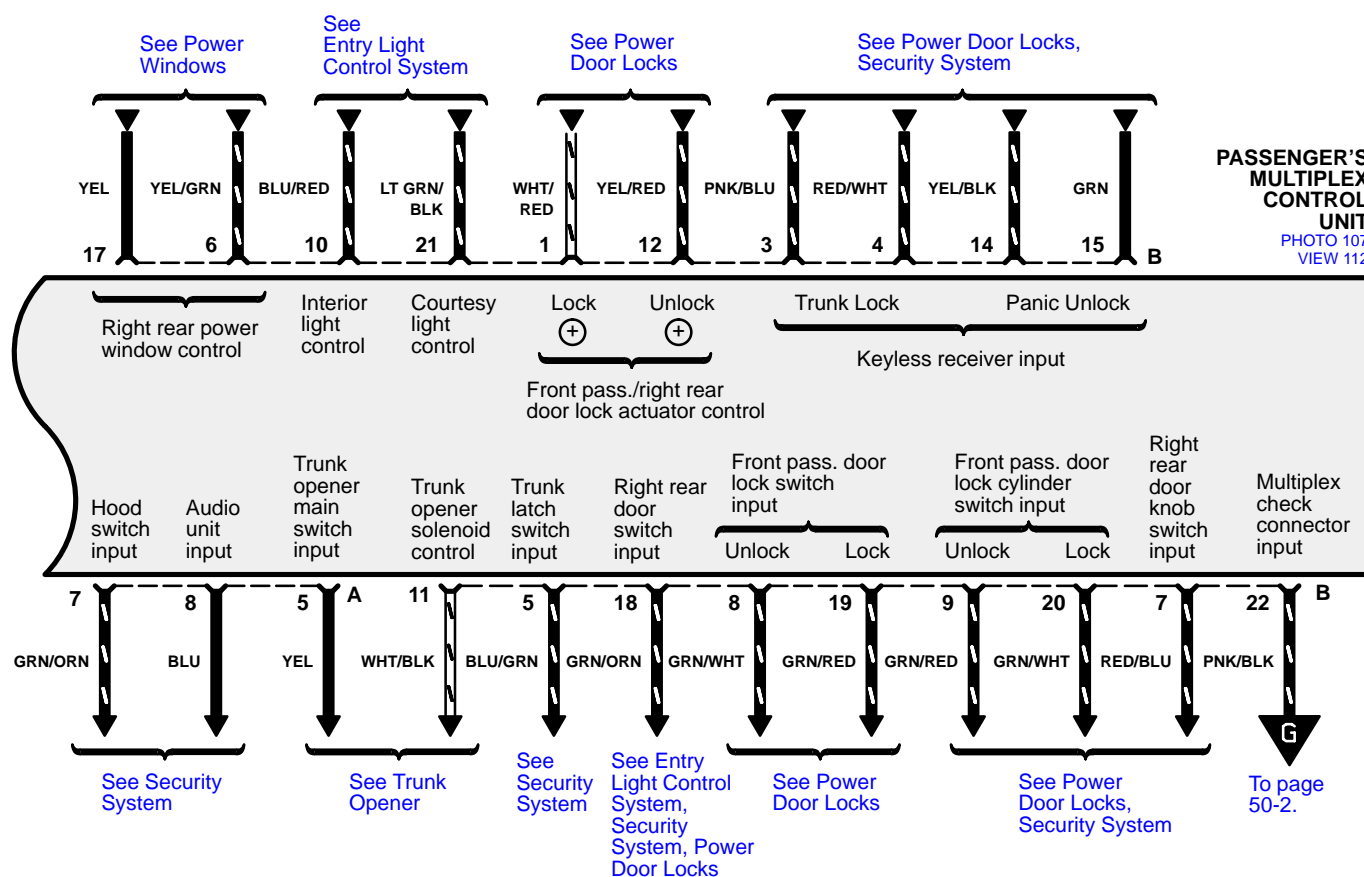


# Multiplex Control System

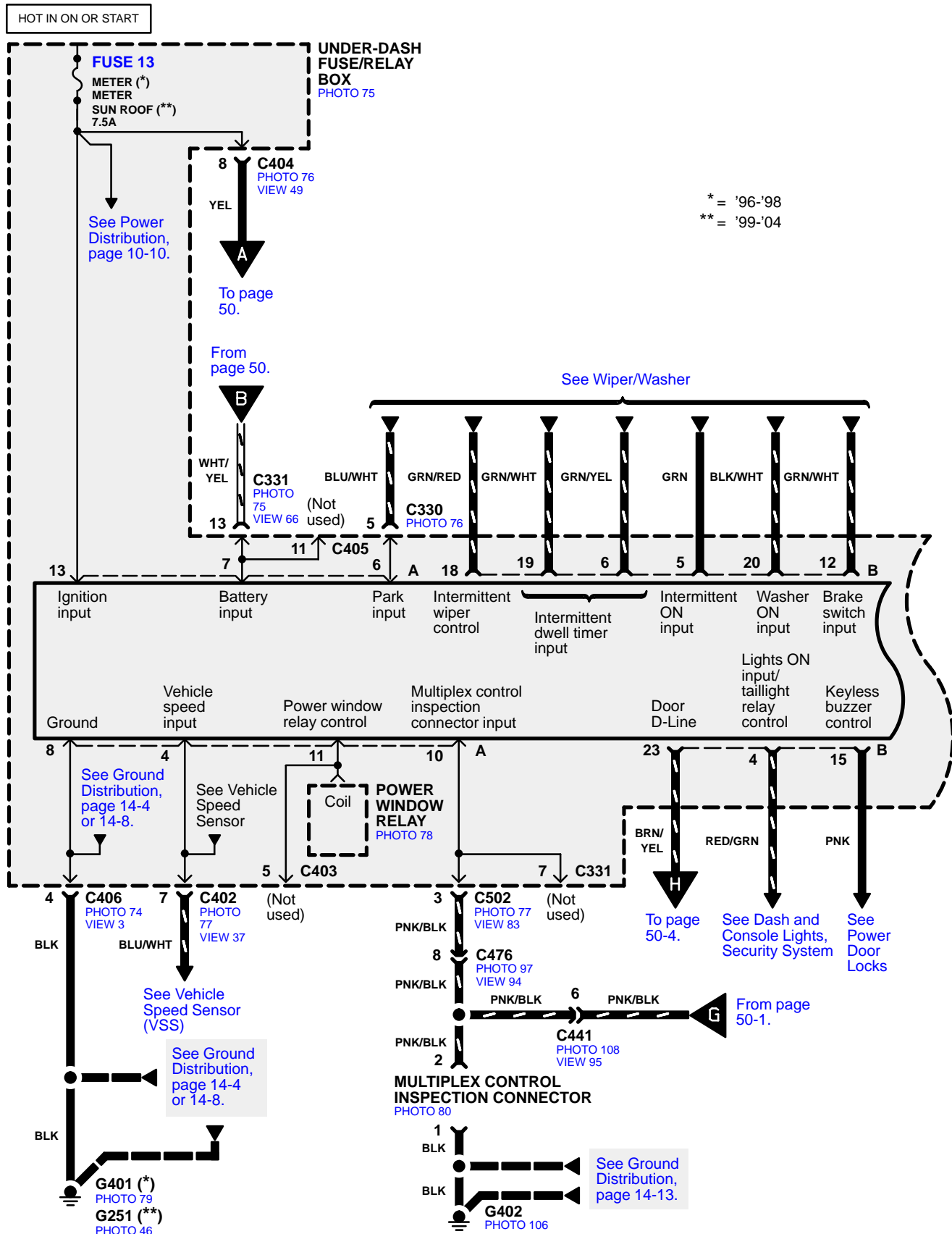




# Multiplex Control System



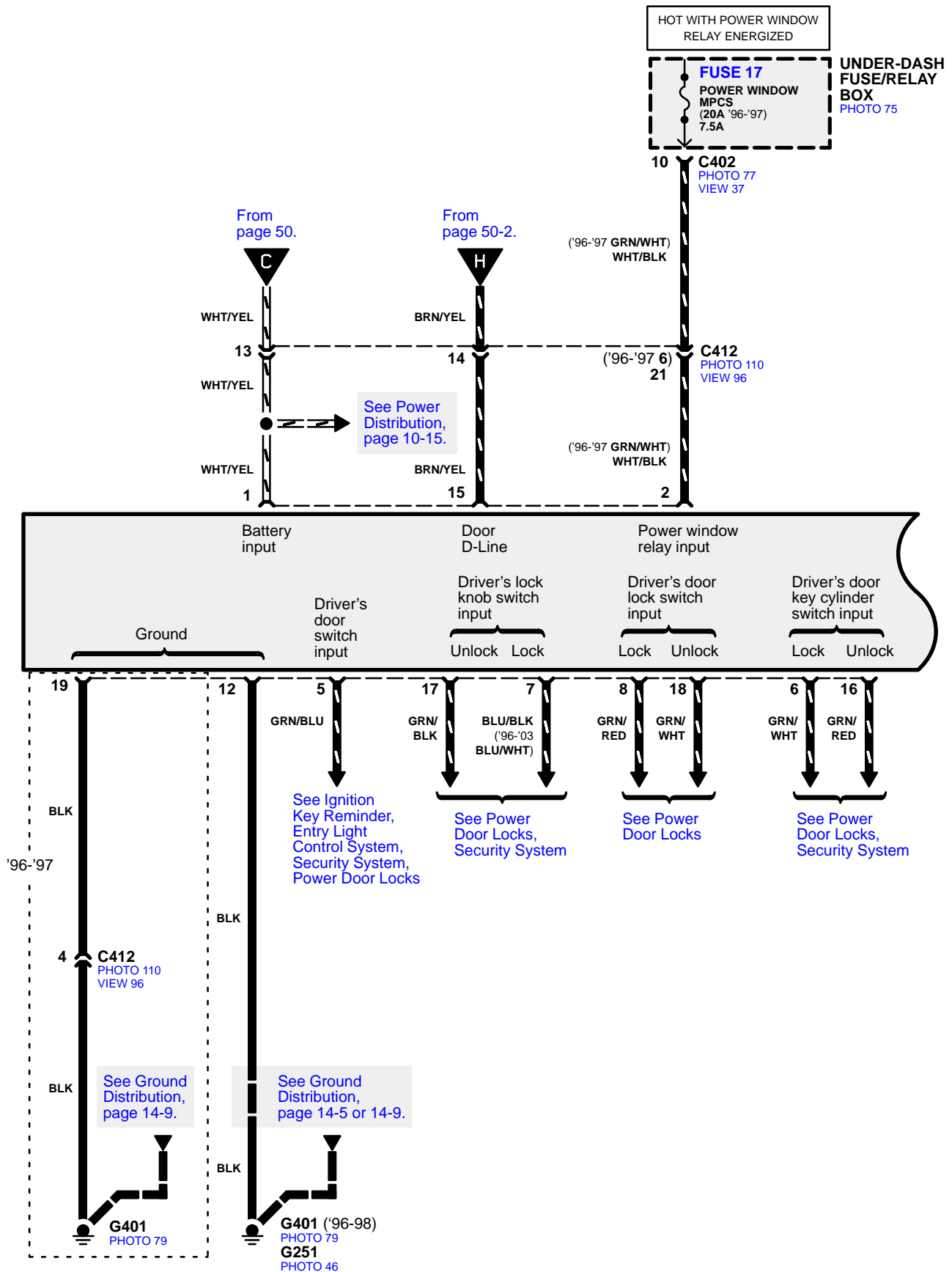
# Multiplex Control System





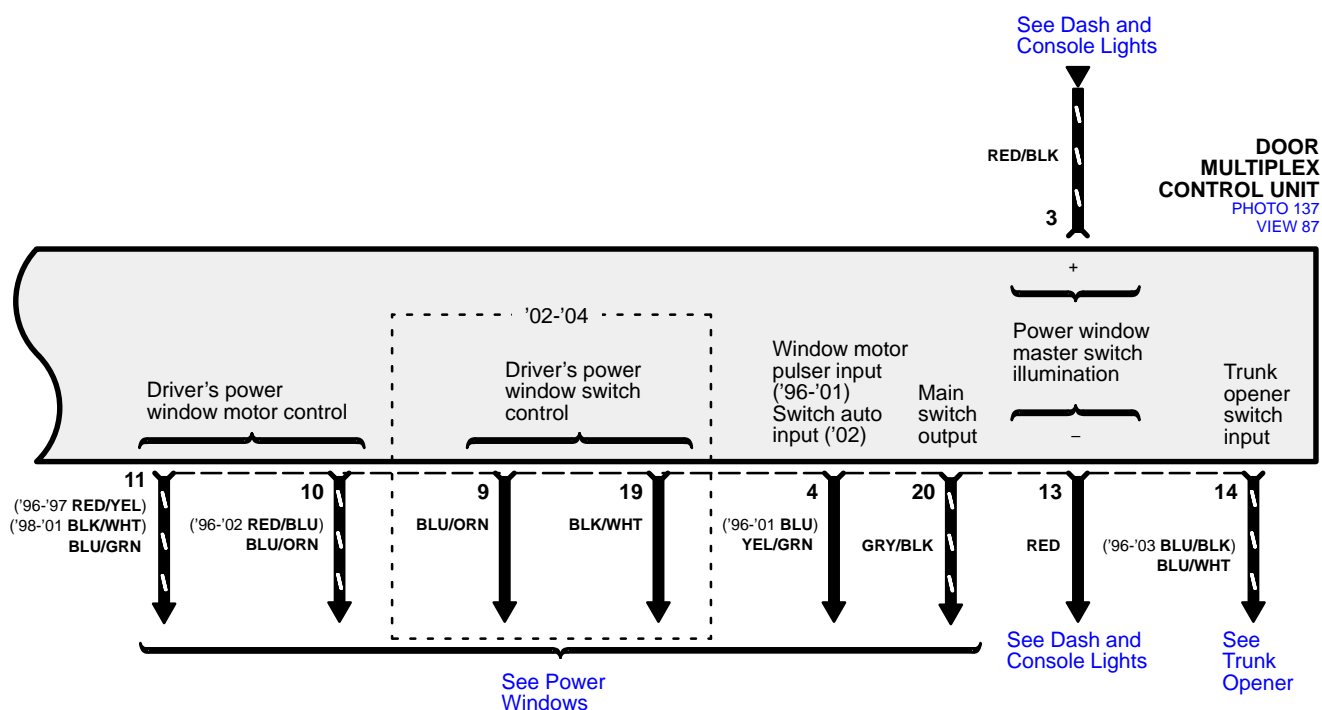


# Multiplex Control System



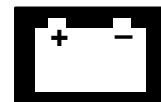


# Multiplex Control System



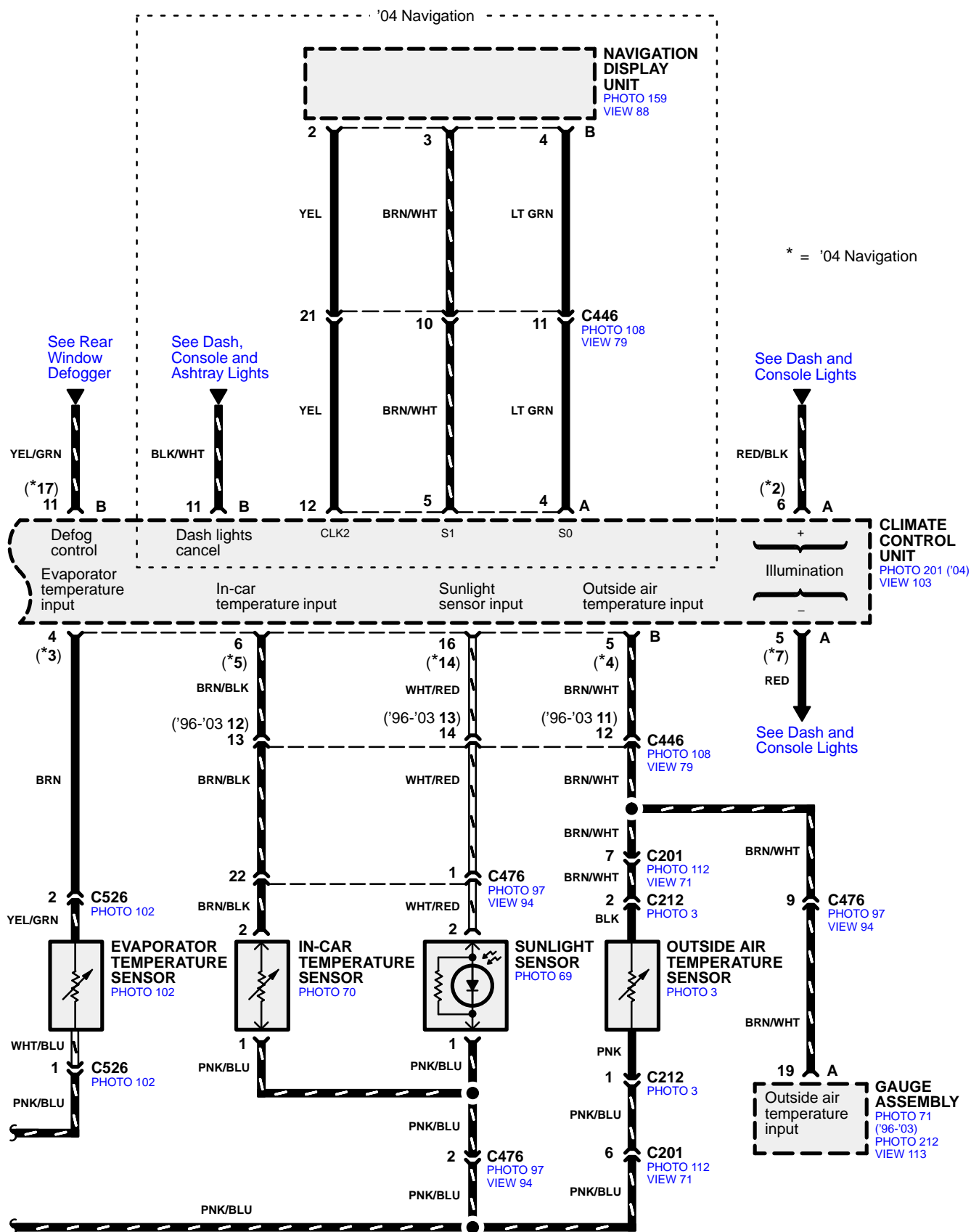
- **Climate Control**





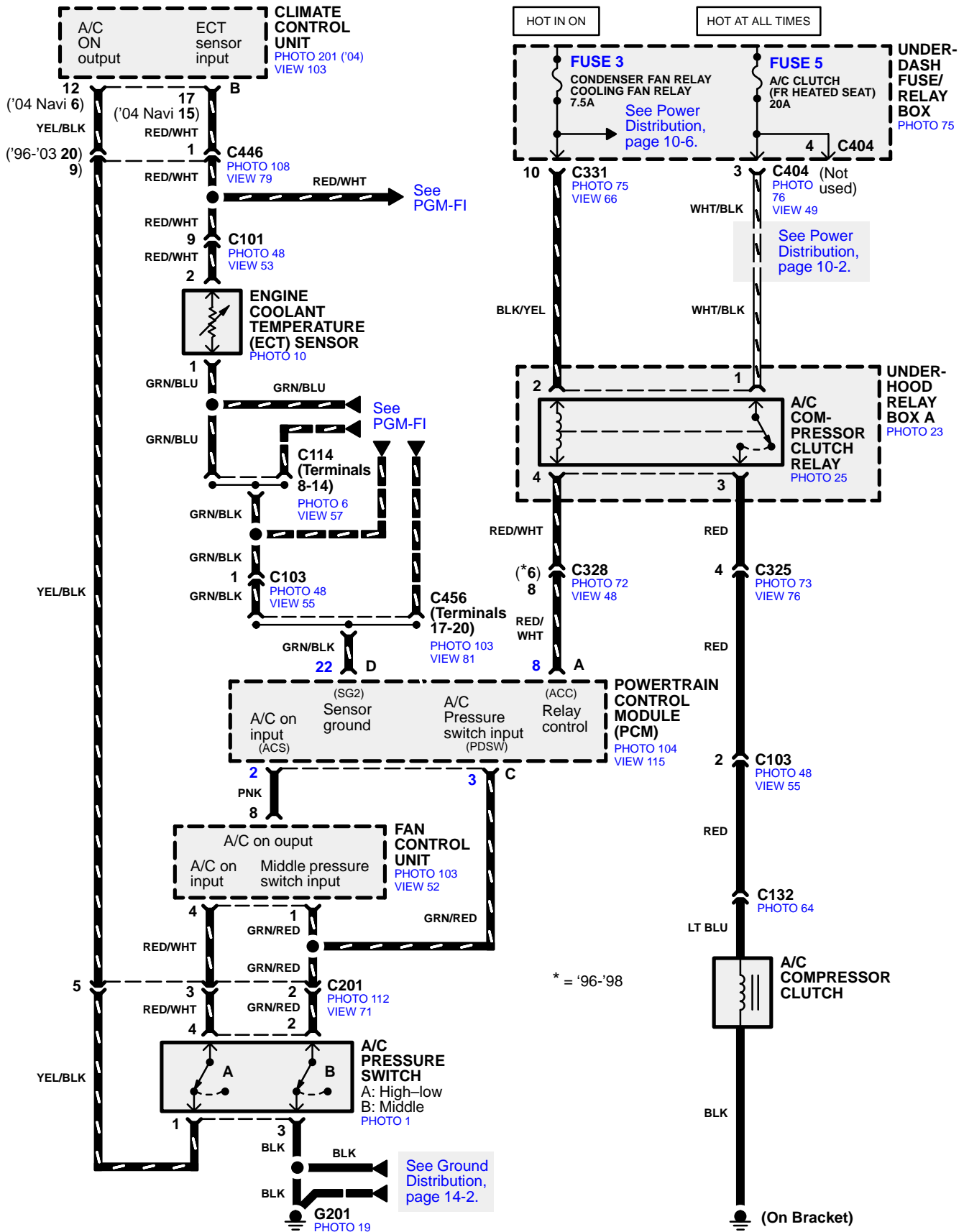
# HVAC

## – Climate Control



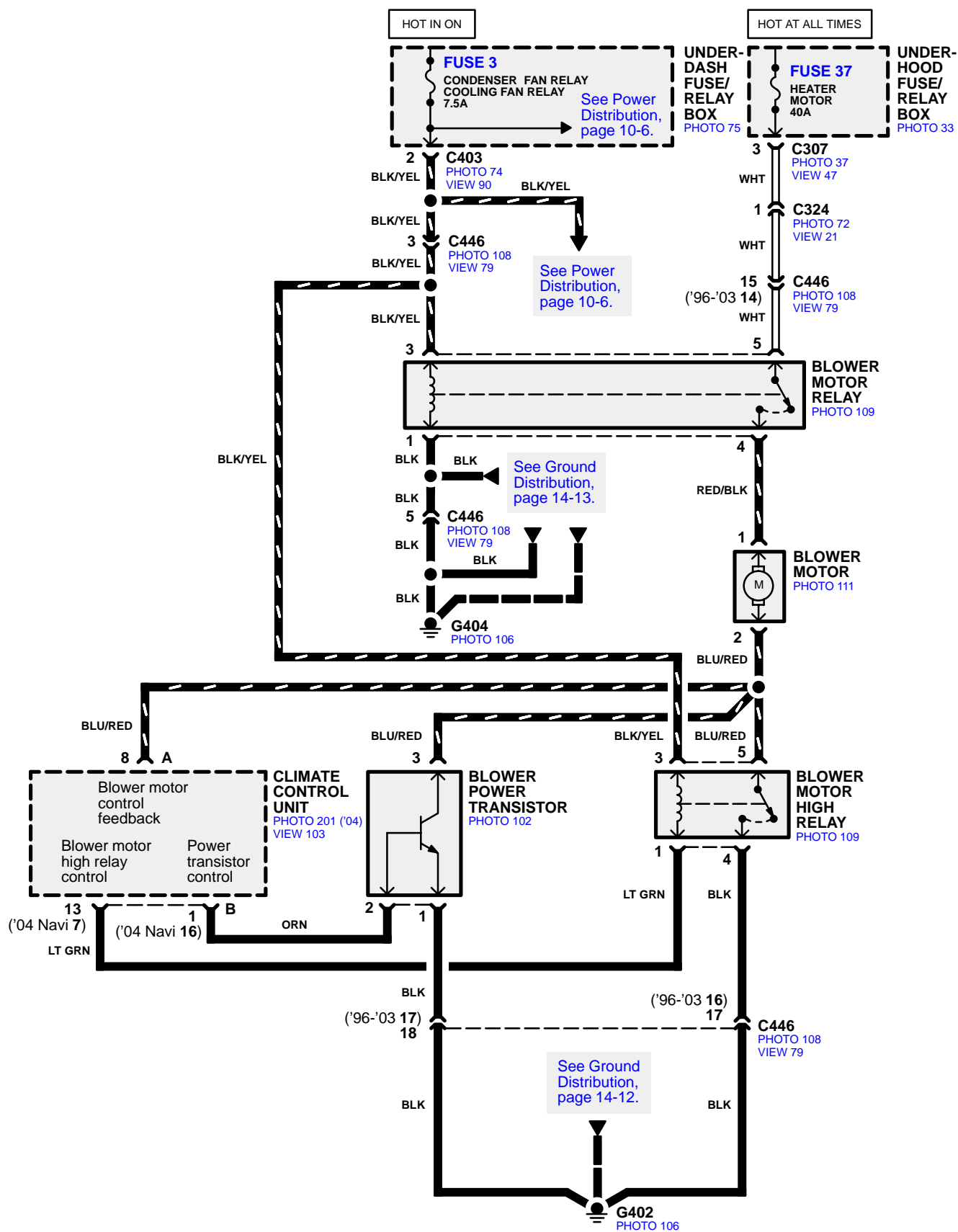
# HVAC

## – Climate Control



# HVAC

- **Climate Control**



# HVAC

## – How the Climate Control Circuit Works

The climate control unit controls the blower controls, air delivery, and A/C compressor controls either automatically or semi-automatically. The control unit receives battery voltage at all times through fuse 56. With the ignition switch in ON (II), battery voltage is supplied through fuse 3. The control unit is grounded at G402.

### Fully-automatic Operation

To put the climate control in fully automatic mode, press the AUTO button and set the fan control dial to AUTO, then set the desired temperature by turning the temperature control dial. You will see FULL AUTO in the system's display.

The system automatically selects the proper mix of cooled and/or heated air that will, as quickly as possible, raise or lower the interior temperature from its current level to the set temperature. The system also adjusts the fan speed and changes direction of air delivery.

When you set the temperature to its lower limit (60°F/18°C) or its upper limit (90°F/32°C), the system runs at full cooling or full heating only. It does not regulate the interior temperature. When the temperature is set between the lower and upper limits, the system regulates the interior temperature to the set value.

### Semi-automatic Operation

You can manually select various functions of the climate control system when it is in FULL AUTO. All other features remain automatically controlled. Making a manual selection causes the word FULL to go off.

However, when you select A/C OFF, the system cannot regulate the inside temperature if you set the dial lower than the temperature outside.

### Blower Controls

The fan speed is automatically controlled in the fully-automatic mode. You can manually select the fan speed by turning the fan control dial clockwise, just past the AUTO position. This takes the fan from automatic mode to its lowest manually controlled speed. Turning the dial further clockwise increases the fan's speed, which increases air flow.

Battery voltage is applied through fuse 37 to the blower motor relay contacts at all times. With the ignition switch ON (II), the blower motor relay in

the under-hood fuse/relay box is energized which feeds battery voltage to the blower motor. The blower power transistor controls the blower motor in all speeds except HIGH. The blower power transistor is controlled by the climate control unit. When the control unit requests HIGH blower speed, it grounds the blower motor HIGH relay coil, energizing the relay, which connects the blower motor directly to ground, making the blower run at high speed.

In cold weather, the blower will not come on automatically until the heater starts to produce warm air.

### Air Delivery

The climate control unit controls the blower motor and supplies a 5 VDC reference voltage to the air mixture control motor.

The air mix and mode control motors each receive inputs from the control unit. The air mix motor regulates the mixture of cold and hot air by varying the position of the heater-evaporator door. The mode control motor controls the direction and volume of outlet air. Use the MODE button to select the vents the air flows from. Some air will flow from the side vents and the dashboard corner vents in all modes. Each time you press the MODE button, the display shows the mode selected. Press the button four times to see all the modes. Both the air mix control motor and mode control motor are grounded by the control unit.

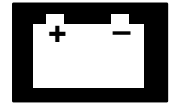
The recirculation control motor receives battery voltage through fuse 3 when the ignition switch is ON (II). It regulates the position of the fresh/recirc door, and is controlled by two position inputs from the control unit ("Recirc" and "Fresh").

### A/C Compressor Controls

Voltage is provided at all times to the A/C compressor clutch relay contacts through fuse 5. With the ignition switch ON (II), voltage is supplied to the relay coil through fuse 3.

With the ignition switch ON (II), the climate control unit grounds the A/C ON input of the PCM through the A/C pressure switch and the fan control unit. The PCM then grounds





# HVAC

## – How the Climate Control Circuit Works

---

the A/C compressor clutch relay coil. This energizes the coil, which closes the relay contacts and provides voltage through fuse 5 to the A/C compressor clutch. The clutch then engages and begins turning the compressor. By default, when the climate control system is on, the A/C is also on.

### Evaporator Temperature Sensor

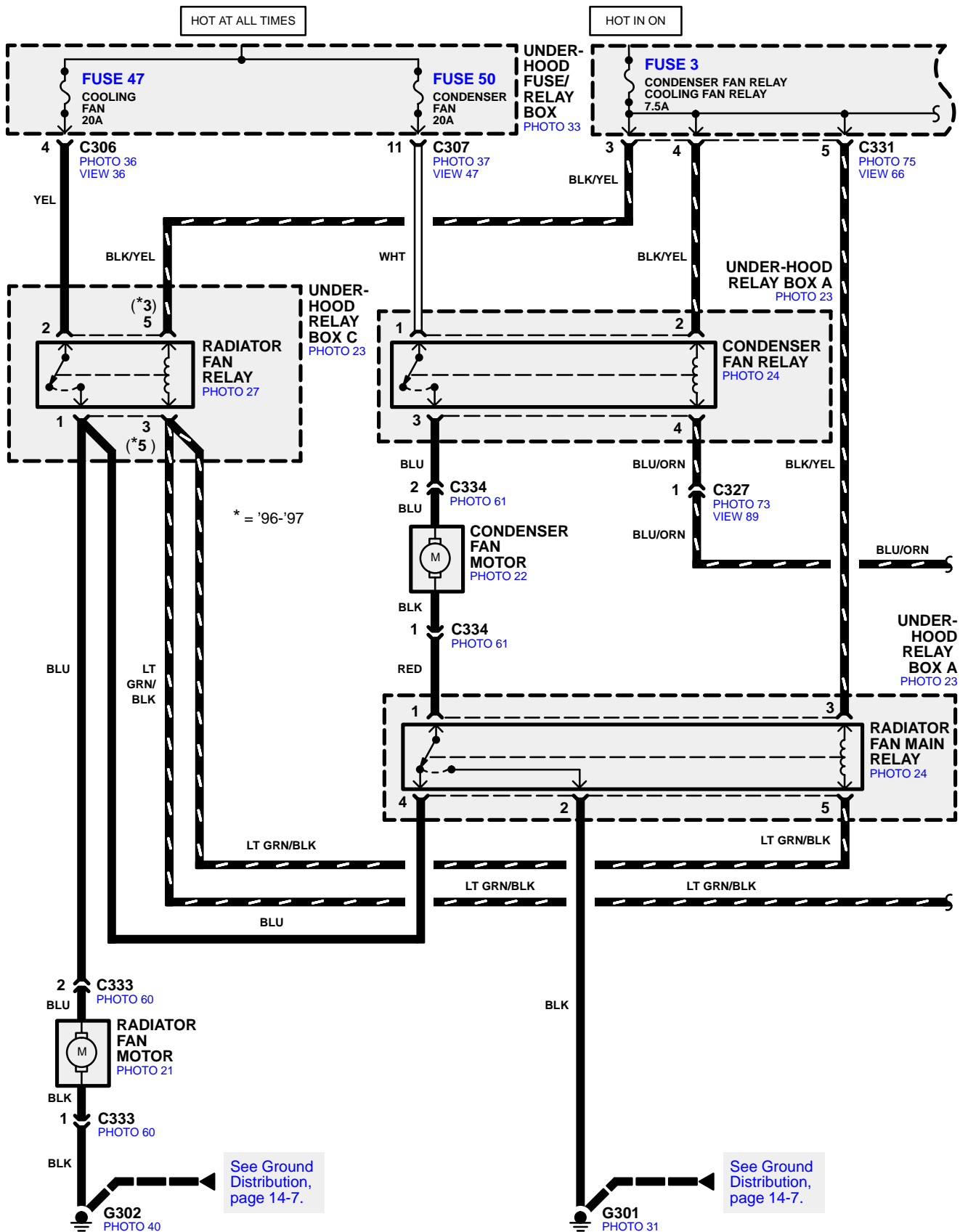
The evaporator temperature sensor is located on the evaporator housing. If the temperature at the evaporator gets too cold, the evaporator temperature sensor sends a signal to the climate control unit to turn off the A/C compressor clutch. This prevents condensation from freezing on the evaporator fins and blocking air delivery into the passenger compartment.

### A/C Pressure Switch

The A/C pressure switch is located in the condenser outlet line where refrigerant is in a high temperature/high pressure liquid state. The switch will sense abnormally high or low pressure, and open the circuit. This removes ground from the PCM, and turns off the compressor.

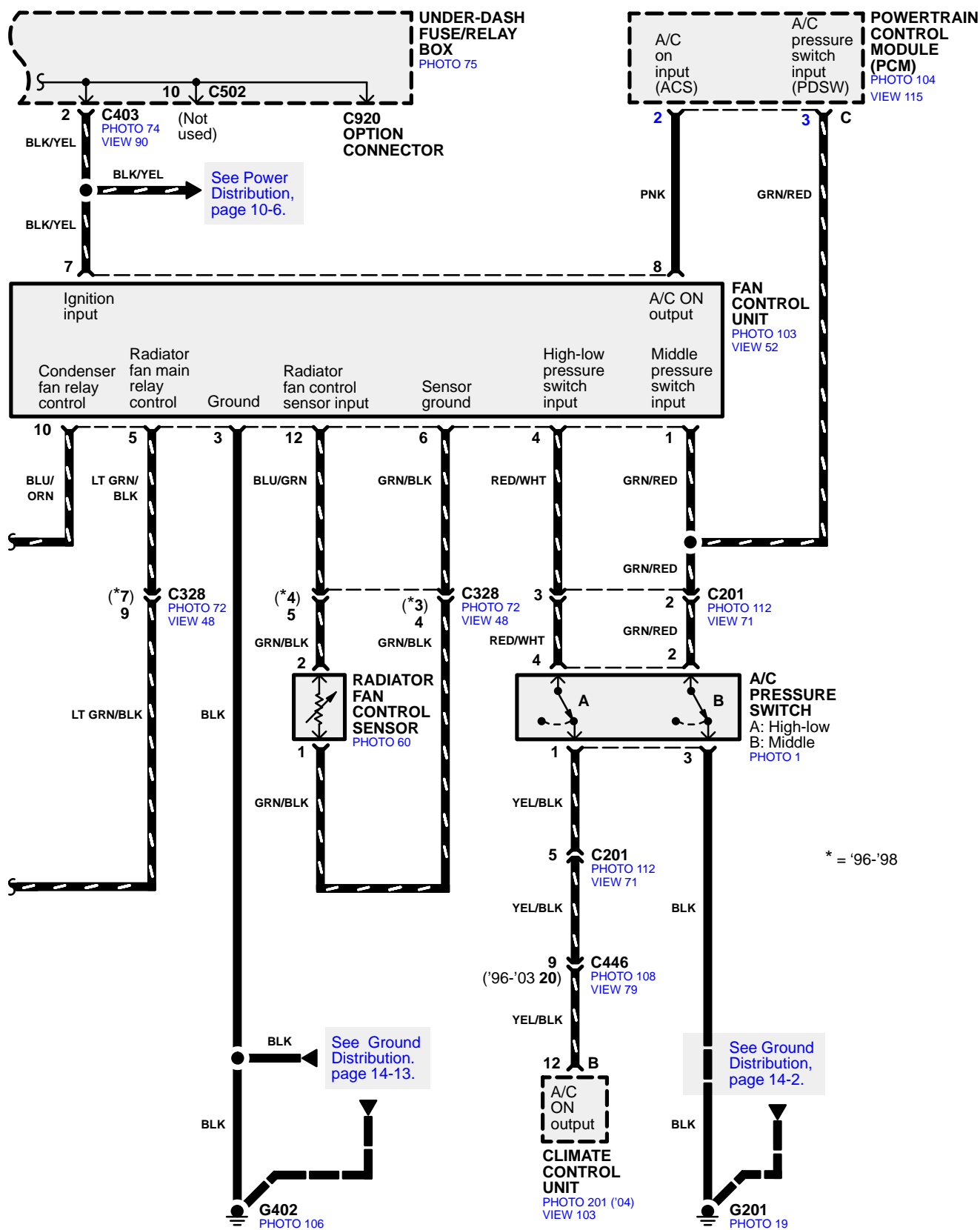
Refer to the Service Manual (Section 22, Automatic Climate Control) for specific tests or troubleshooting procedures.

# Fans





# Fans



# Fans

## – How the Circuit Works

The radiator and condenser fan operation is controlled by the fan control unit and receives battery voltage through fuse 3. The fan control unit receives input from the radiator fan control sensor, the A/C pressure switch, and the climate control unit.

The fan control unit turns on the radiator fan and condenser fan based on input from the radiator fan control sensor. Both fans operate when the A/C is on.

Battery voltage is applied to the radiator fan relay contacts through fuse 47 at all times. With the ignition switch in ON (II), battery voltage is applied to the radiator fan relay coil and the radiator fan main relay coil through fuse 3.

Battery voltage is applied to the condenser fan relay contacts through fuse 50 at all times. With the ignition switch in ON (II), battery voltage is applied to the condenser fan relay coil through fuse 3.

### Low Speed

When the radiator temperature reaches 84° C (183° F), the fan control unit energizes the condenser fan relay. Battery voltage is applied to the condenser fan motor and the radiator fan motor in series through the normally closed contacts of the radiator fan main relay. Both fans then run at low speed. When the radiator fan temperature drops below 78° C (172° F), the fan control module deenergizes and both fans are turned off.

### High Speed

When the radiator temperature reaches 90° C (194° F), the fan control unit energizes the condenser fan relay, the radiator fan relay, and the radiator fan main relay. Battery voltage is applied to the condenser fan motor and is grounded by the radiator fan main relay. The condenser fan then runs at high speed. At the same time, the fan control module energizes the radiator fan control module. The radiator fan motor runs at high speed.

When the radiator fan temperature drops below 84° C (183° F), the fan control module runs the fans at low speed by deenergizing the radiator fan relay and the radiator fan main relay.

Refer to the Service Manual (Section 10, Fan Controls) for specific tests or troubleshooting procedures.

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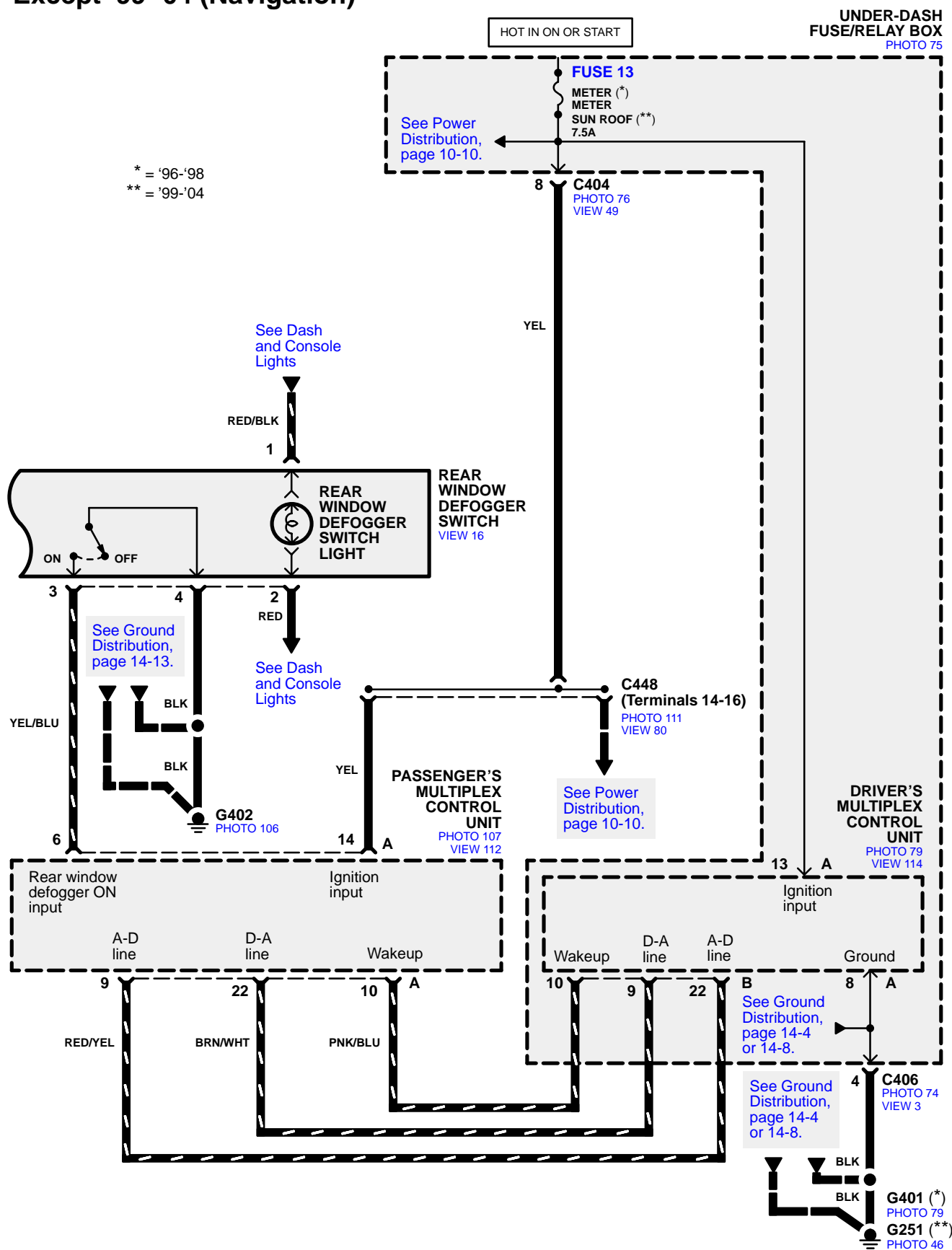
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# Rear Window Defogger

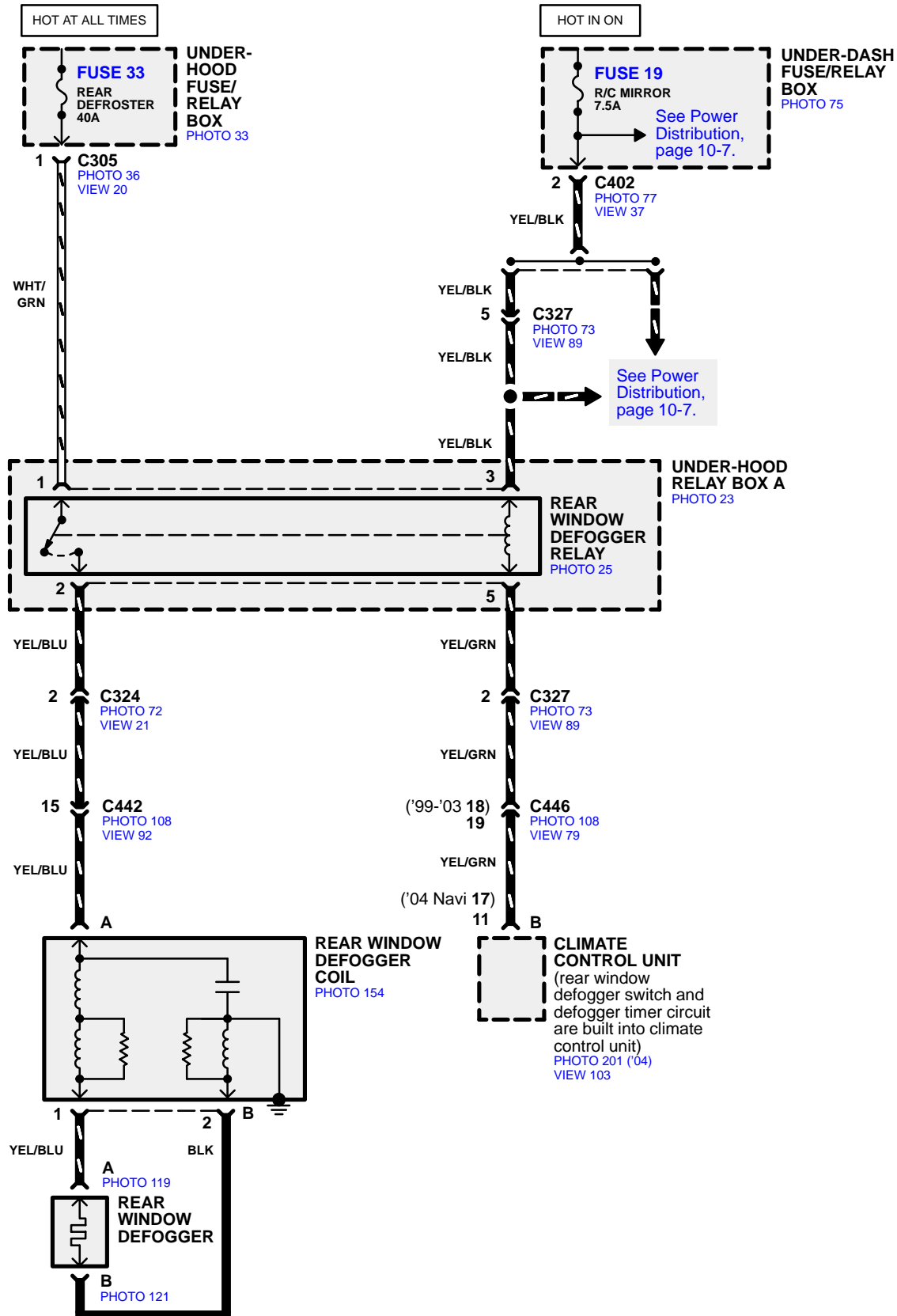
– Except '99-'04 (Navigation)



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# Rear Window Defogger

– '99-'04 (Navigation)





# Rear Window Defogger

## – How the Circuit Works

Voltage is applied at all times through fuse 33 to the rear window defogger relay contacts. With the ignition switch in ON (II), voltage is applied through fuse 13 to the passenger's multiplex control unit and through fuse 19 to the rear window defogger relay coil.

### except Navigation

When you push the defogger switch once, a path to ground is provided for the rear window defogger relay through the passenger's multiplex control unit. The defogger ON indicator light comes on and the rear window relay contacts close. Voltage is applied to the defogger grid on the inside surface of the rear window, and the grid heats the rear window to remove any fog from the glass.

You can turn the defogger off by pushing the defogger switch a second time or by turning the ignition switch to LOCK (0). A timer in the passenger's multiplex control unit will automatically turn the defogger off after it has been on continuously for 20 to 30 minutes.

### Navigation ('99-'04)

The rear window defogger switch is on the climate control panel. When you push it once, a path to ground is provided for the rear window defogger relay through the climate control unit and the rear window relay contacts close. Voltage is applied to the defogger grid on the inside surface of the rear window, and the grid heats the rear window to remove any fog from the glass.

You can turn the defogger off by pushing the defogger switch a second time or by turning the ignition switch to LOCK (0). A timer in the climate control unit will automatically turn the defogger OFF after it has been ON continuously for 20 to 30 minutes.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.



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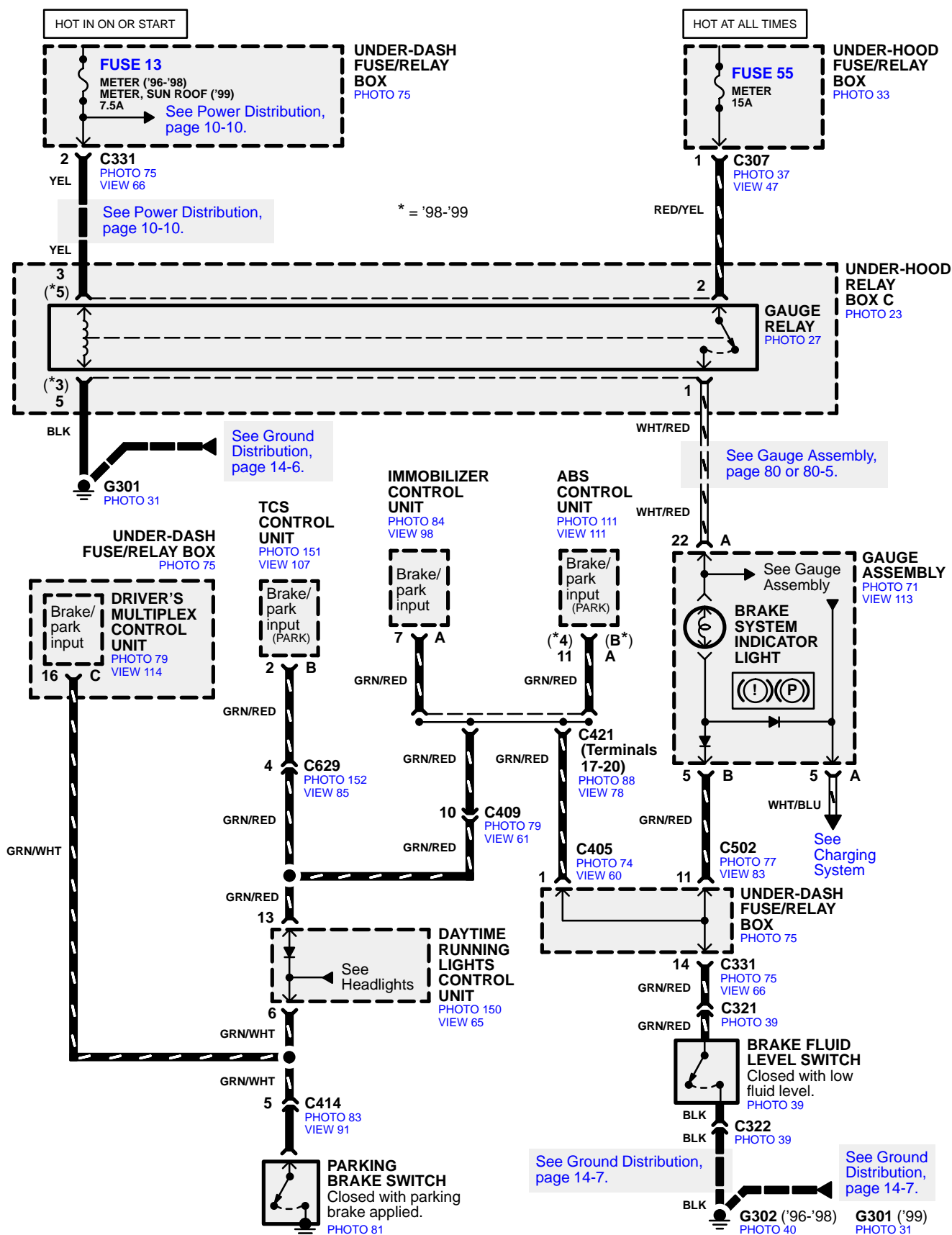
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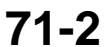
# Brake System Indicator Light

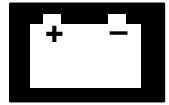
– '96-'99 Canada



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# Brake System Indicator Light

## – How the Circuit Works

The brake system indicator light comes on to alert the driver that the parking brake is applied, or that the brake fluid level is low. It also comes on as a bulb test when the engine is cranked.

### Parking Brake

With the ignition switch in ON (II) or START (III), voltage is applied through fuse 13 to the gauge relay. The gauge relay then applies battery voltage through fuse 55 to the brake system indicator light. When you apply the parking brake, the switch closes and provides a ground for the light, and the light comes on to remind the driver that the parking brake is applied.

### Brake Fluid Level

The brake system indicator receives battery voltage through fuse 55 and the gauge relay. If the brake fluid level is low, the brake fluid level switch closes, providing ground to the circuit. The brake system indicator light then comes on, alerting the driver to a low brake fluid level in the master cylinder. (Check brake pad wear before adding fluid.)

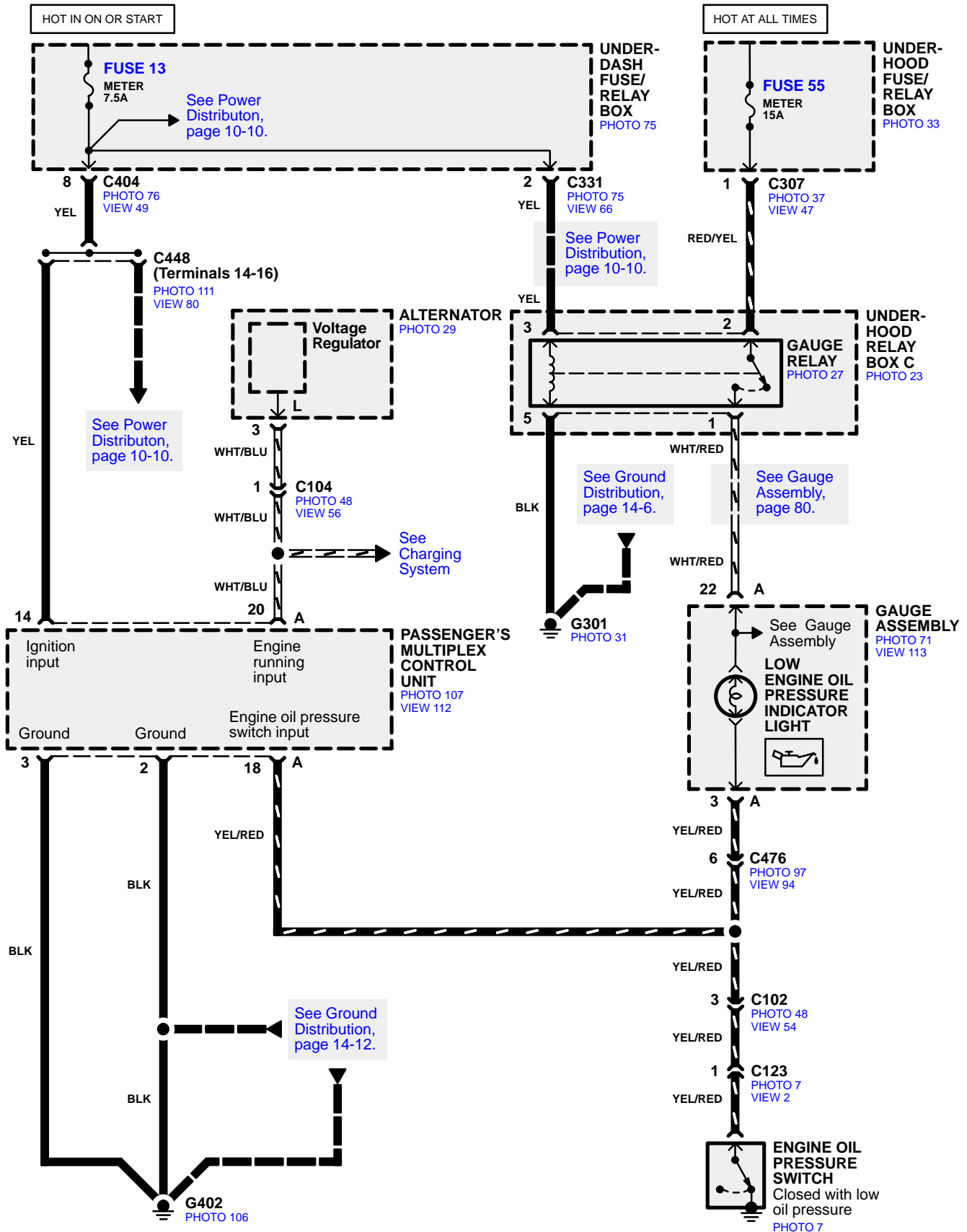
### Bulb Check

With the ignition switch in ON (II) and the engine not running, the alternator applies a ground signal to the WHT/BLU wire to turn on the brake system indicator light as a bulb check.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

# Engine Oil Pressure Indicator Light

— '96





**HOT IN ON OR START**

**FUSE 13**  
METER ('97-'98)  
METER  
SUN ROOF ('99-'03)  
7.5A  
See Power Distributon, page 10-10.

**C404**  
PHOTO 76  
VIEW 49

**C448**  
(Terminals 14-16)  
PHOTO 111  
VIEW 80

**ALTERNATOR**  
PHOTO 29  
Voltage Regulator

**C104**  
PHOTO 48  
VIEW 56

**See Charging System**

**PASSENGER'S MULTIPLEX CONTROL UNIT**  
PHOTO 107  
VIEW 112  
Ignition input  
Engine running input  
Engine oil pressure switch input  
Ground

**See Ground Distribution, page 14-12.**

**G402**  
PHOTO 106

**HOT IN ON OR START**

**FUSE 20**  
ECU  
20A  
See Power Distributon, page 10-8.

**C502**  
PHOTO 77  
VIEW 83

**See Power Distributon, page 10-9.**

**GAUGE ASSEMBLY**  
PHOTO 71  
VIEW 113  
See Gauge Assembly  
**LOW ENGINE OIL PRESSURE INDICATOR LIGHT**

**C476**  
PHOTO 97  
VIEW 94

**C102**  
PHOTO 48  
VIEW 54

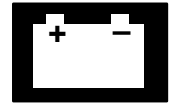
**C123**  
PHOTO 7  
VIEW 2

**ENGINE OIL PRESSURE SWITCH**  
Closed with low oil pressure  
PHOTO 7

72-1

— '04





# Engine Oil Pressure Indicator Light

## – How the Circuit Works

The low engine oil pressure indicator light works in two ways: it flashes continuously following a momentary loss of pressure, or it comes on and stays on with a complete loss of engine oil pressure.

When the engine first starts, before its engine oil pressure rises above 4.3 psi, voltage is applied to the closed and grounded engine oil pressure switch, and the light comes on to test the bulb.

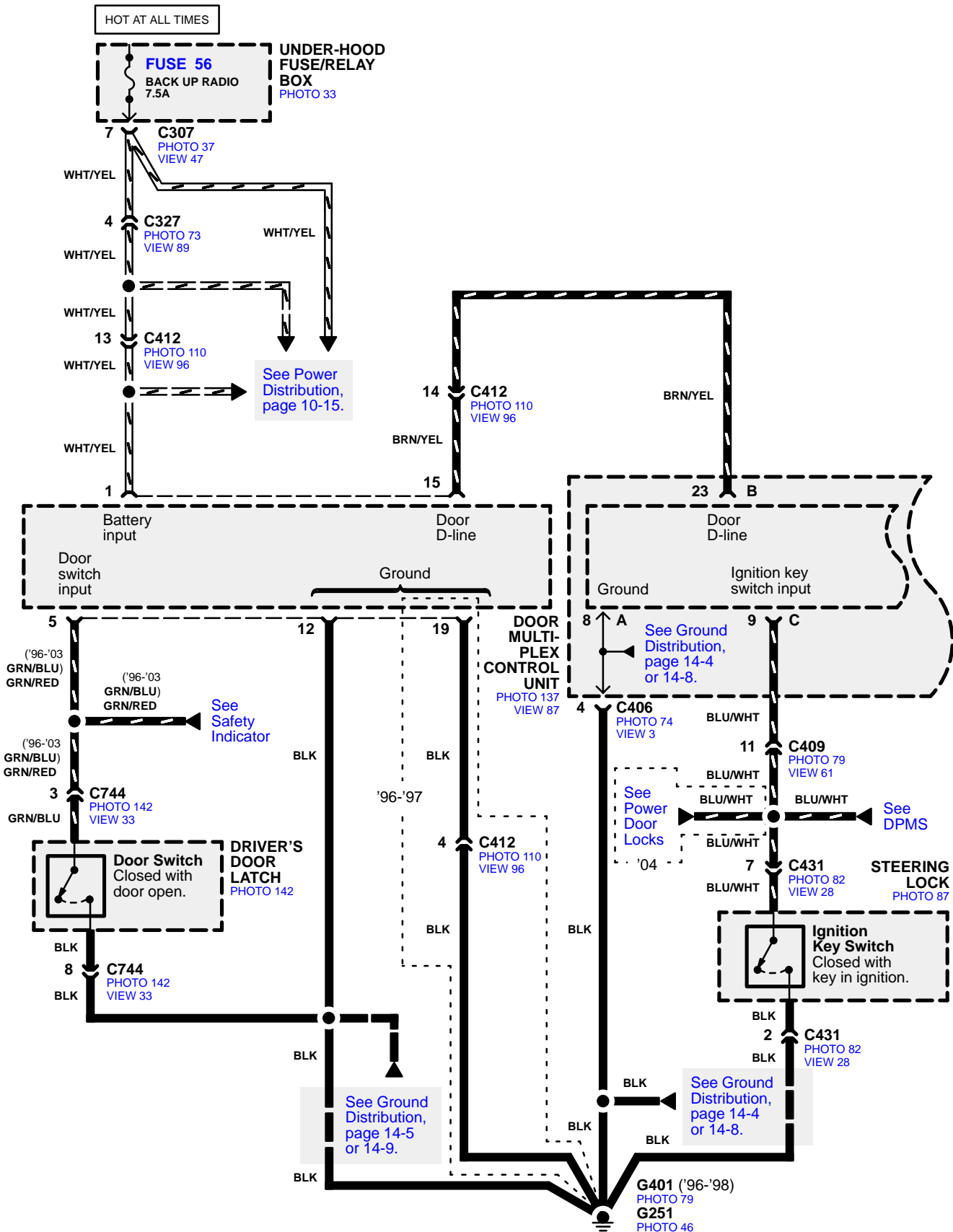
With the engine running, voltage is applied at the WHT/BLU wire of the passenger's multiplex control unit. With normal engine oil pressure, the engine oil pressure switch is open and the low engine oil pressure indicator light does not come on. If the engine oil pressure switch closes momentarily (more than 0.5 second) but then opens again, the YEL/RED wire at the passenger's multiplex control unit will sense ground through the switch. The passenger's multiplex control unit will then provide and remove ground for the low engine oil pressure indicator light through the YEL/RED wire. The light will flash on and off until you turn the ignition switch off. The flashing feature will not work until 30 seconds after initial voltage is applied to the WHT/BLU wire of the engine oil pressure indicator flasher circuit. This delay keeps the low engine oil pressure indicator light from coming on during engine warmup.

If engine oil pressure falls below 10 psi and does not increase, the engine oil pressure switch will stay closed. The low engine oil pressure indicator light will then come on and stay on.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.



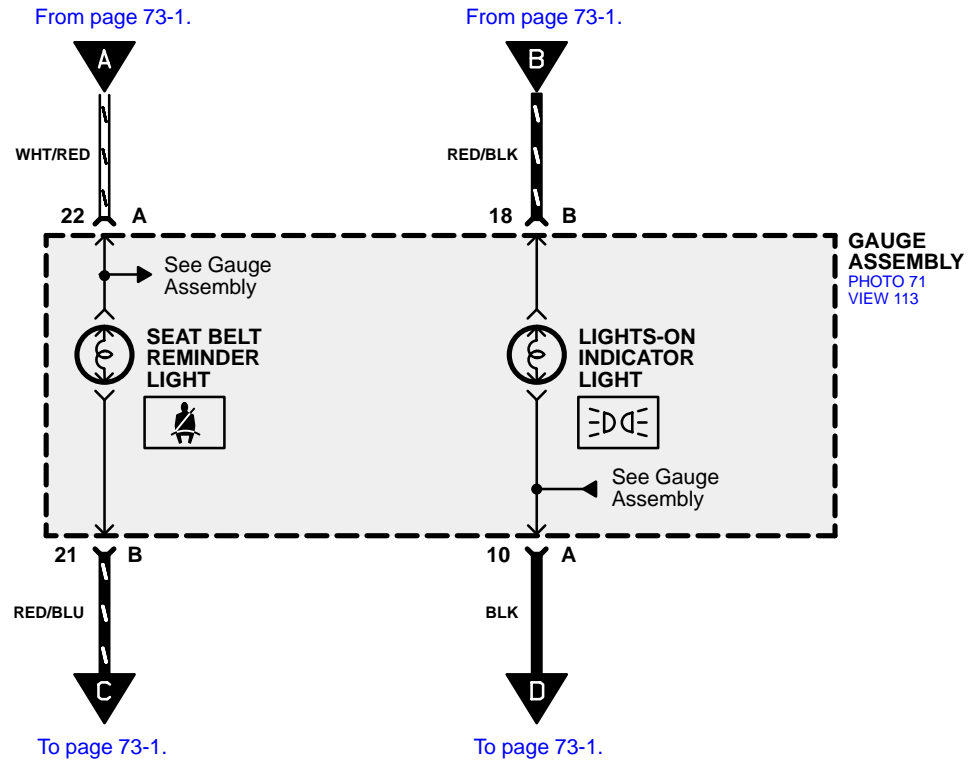
# Seat Belt, Lights-on, and Ignition Key Reminders





# Seat Belt, Lights-on, and Ignition Key Reminders

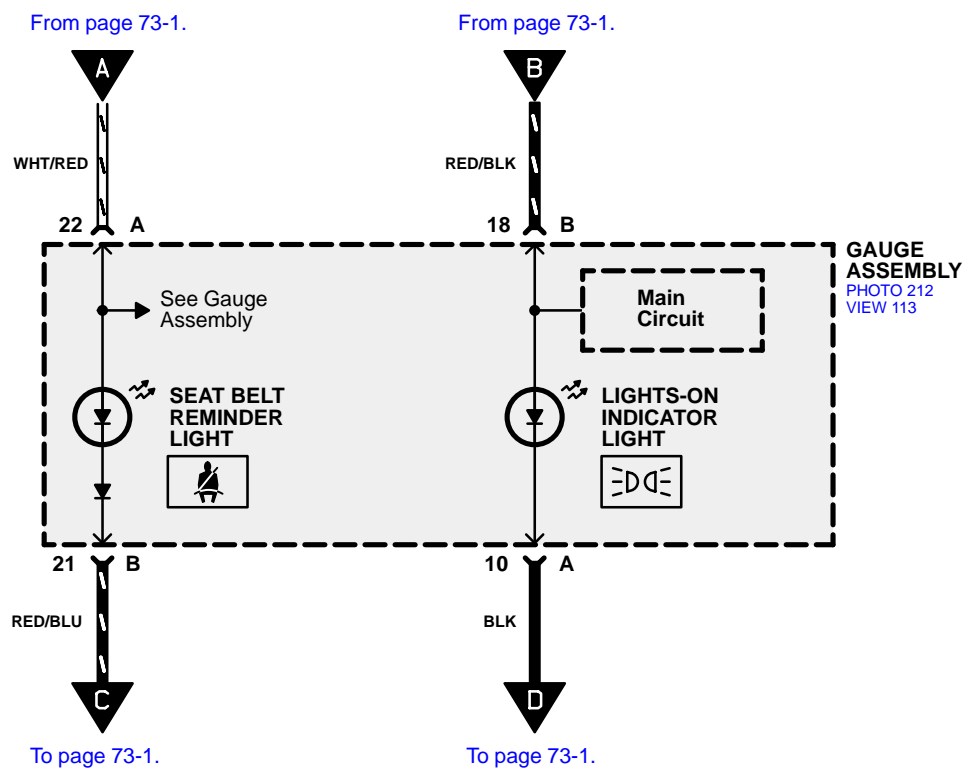
– '96-'03





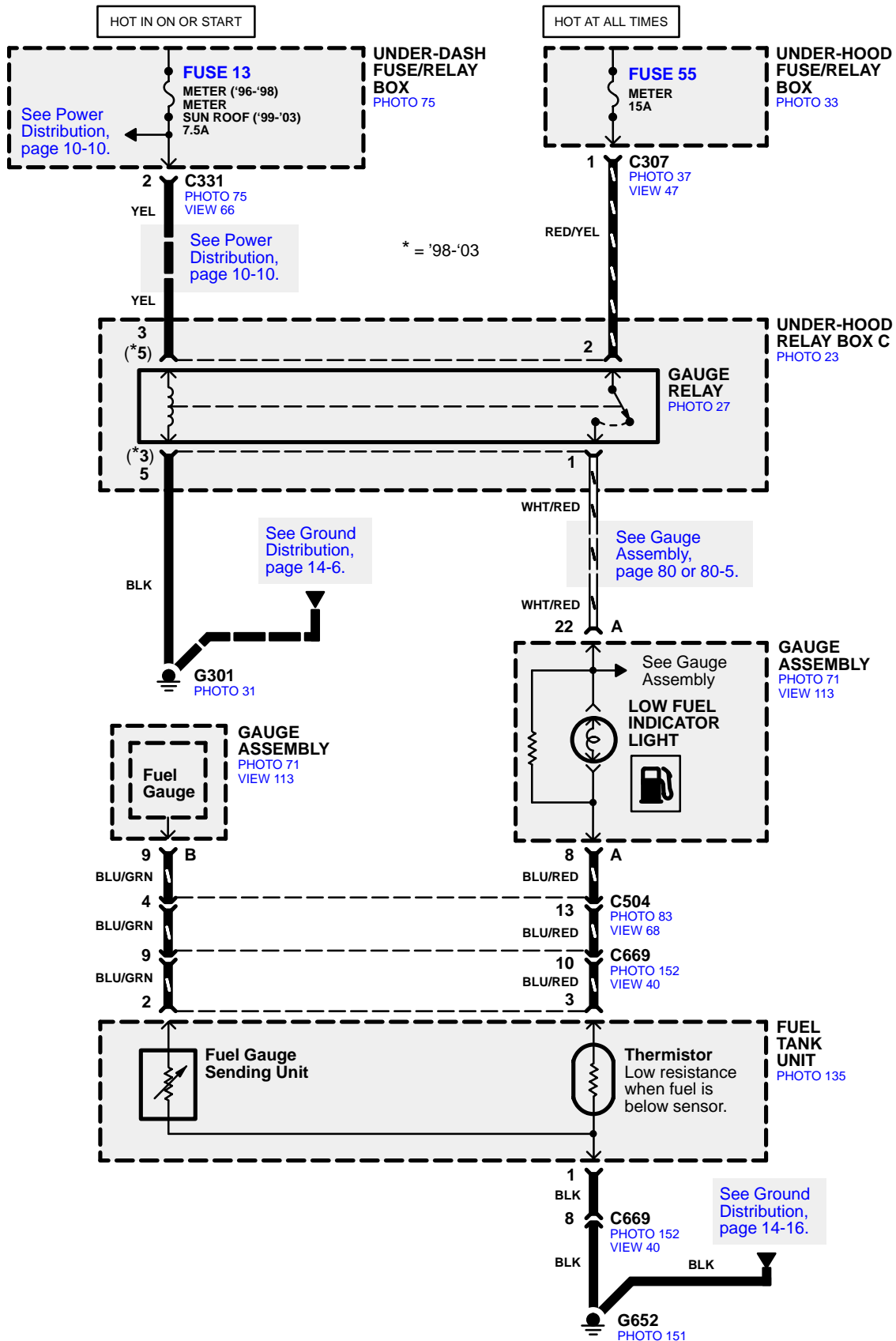
# Seat Belt, Lights-on, and Ignition Key Reminders

– '04



# Low Fuel Indicator Light

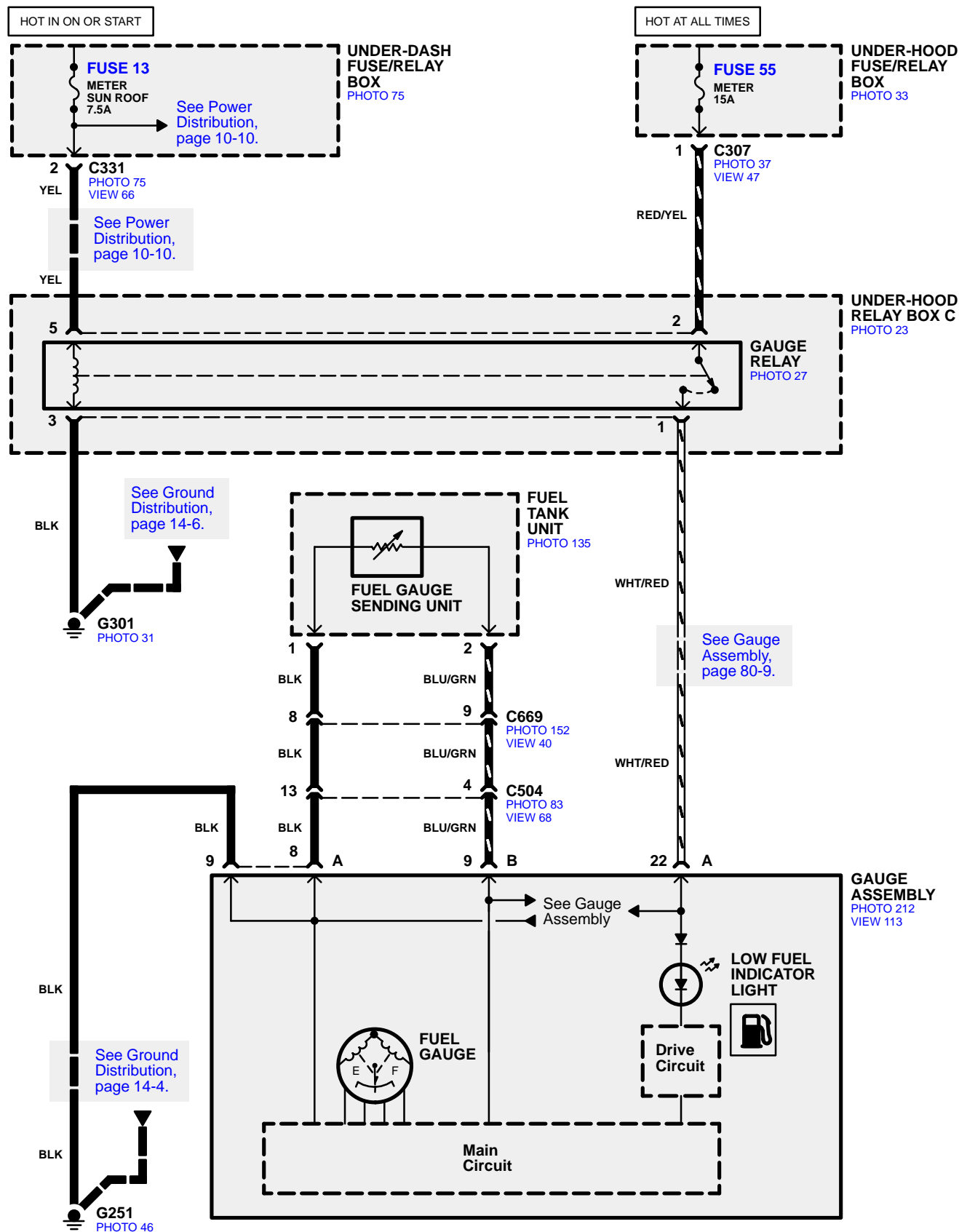
– '96-'03





# Low Fuel Indicator Light

– '04



# Low Fuel Indicator Light

## – How the Circuit Works

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Do not smoke while working on the fuel system.  
Keep open flame away from the work area.  
Drain fuel only into an approved container.

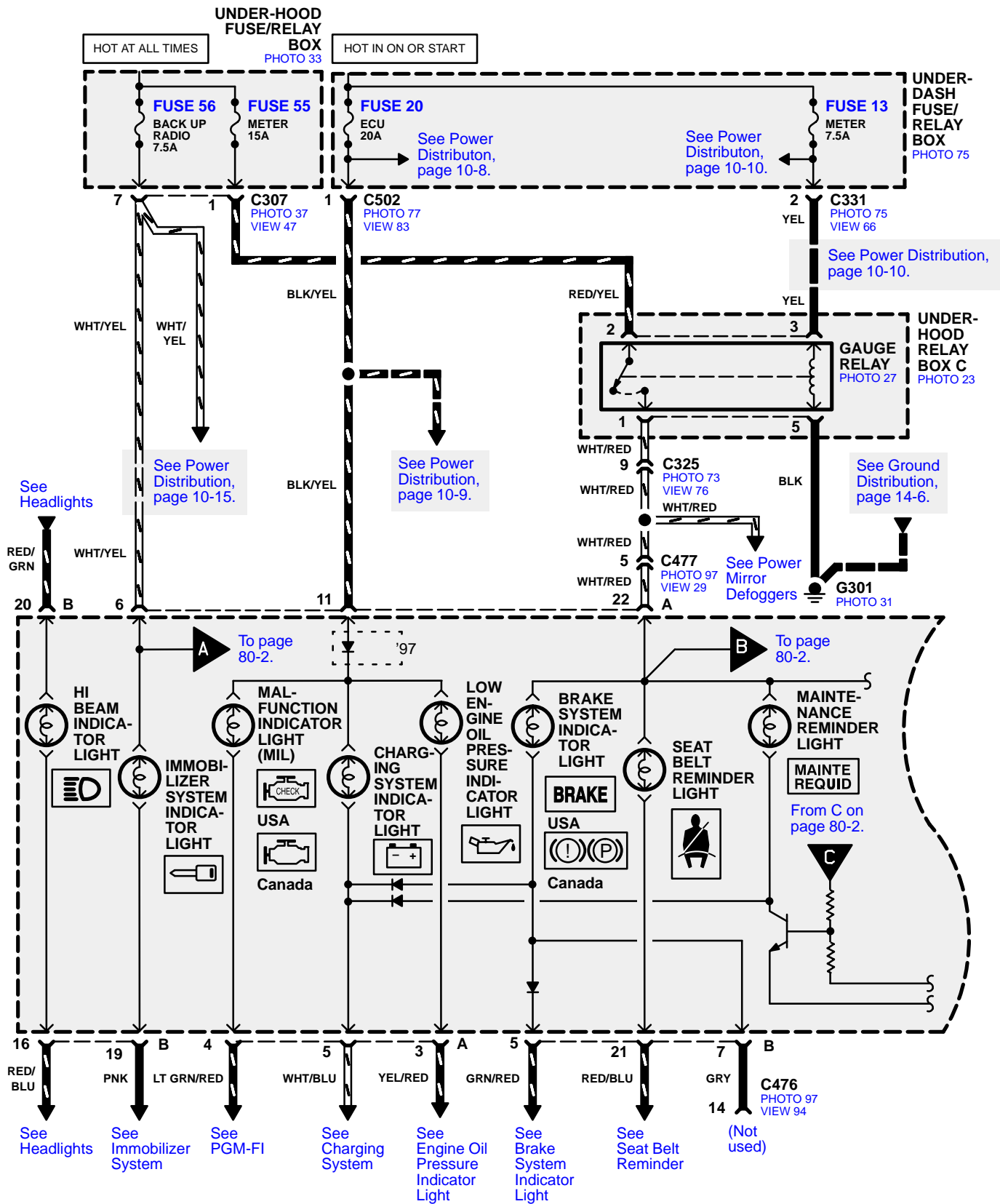
### '96-'03

A thermistor is mounted in the fuel tank unit. When the thermistor is cool, its resistance is very high. When the thermistor is warm, its resistance decreases. Fuel in the fuel tank transfers heat away from the thermistor fast enough to keep it cool so the thermistor's resistance stays high and the low fuel indicator light does not come on. When the fuel level drops below about 2.2 gallons, the thermistor is no longer immersed in fuel. Without the fuel to cool it, the thermistor's resistance decreases, allowing current to flow through the low fuel indicator light and the thermistor to ground, and the low fuel indicator light comes on.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

# Gauge Assembly

– '96-'97

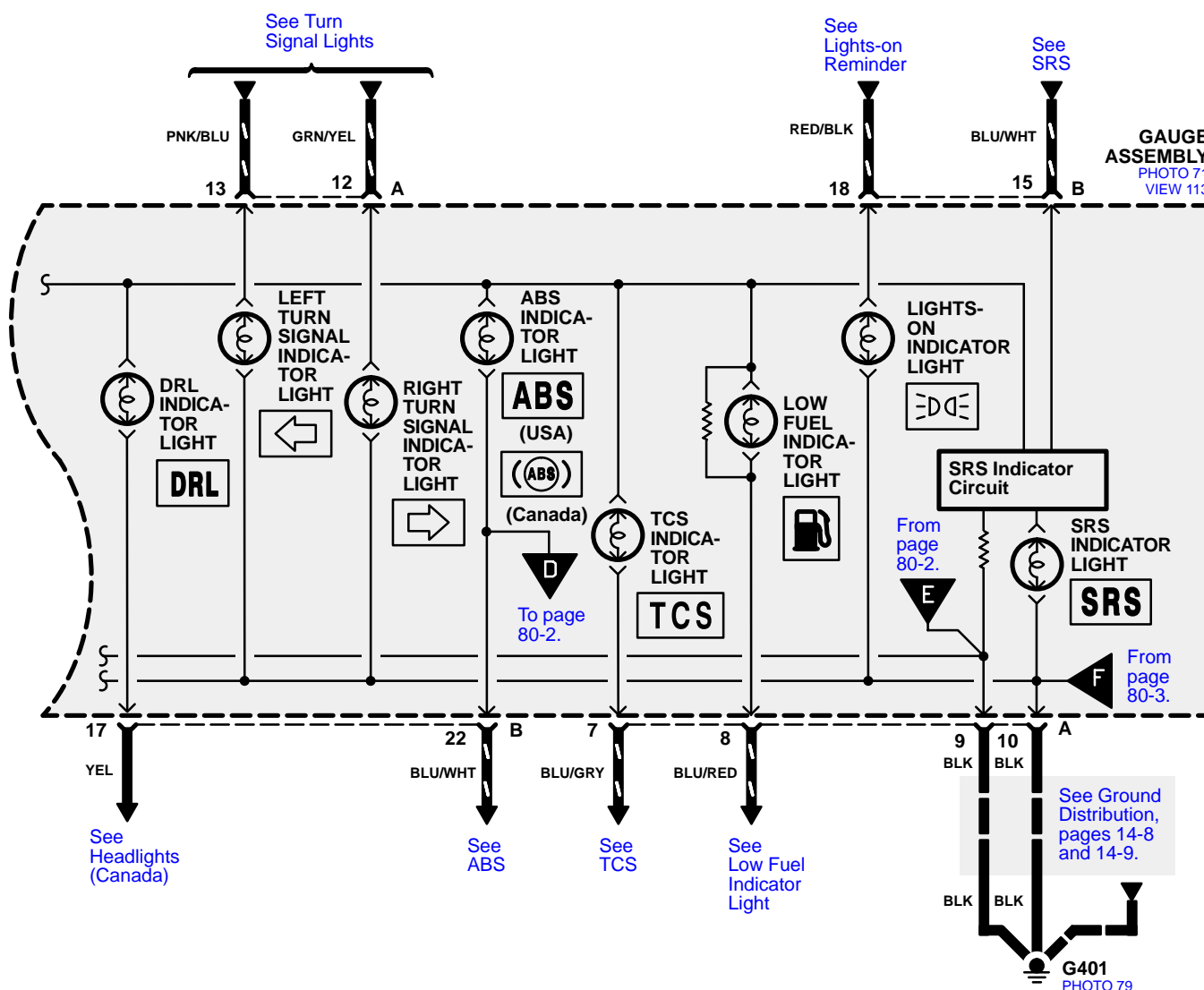






# Gauge Assembly

- '96-'97



**– ‘96-‘97**

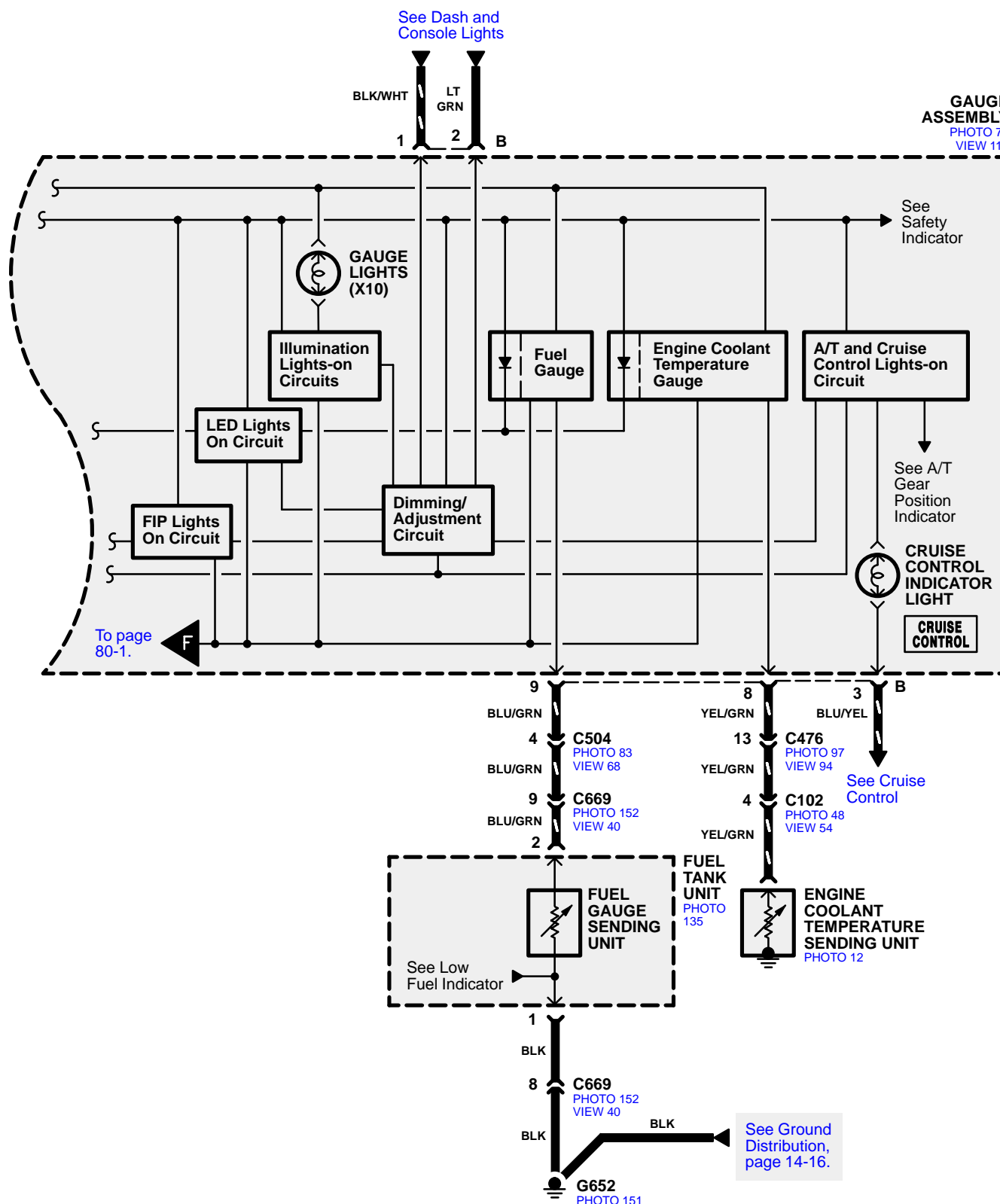




# Gauge Assembly

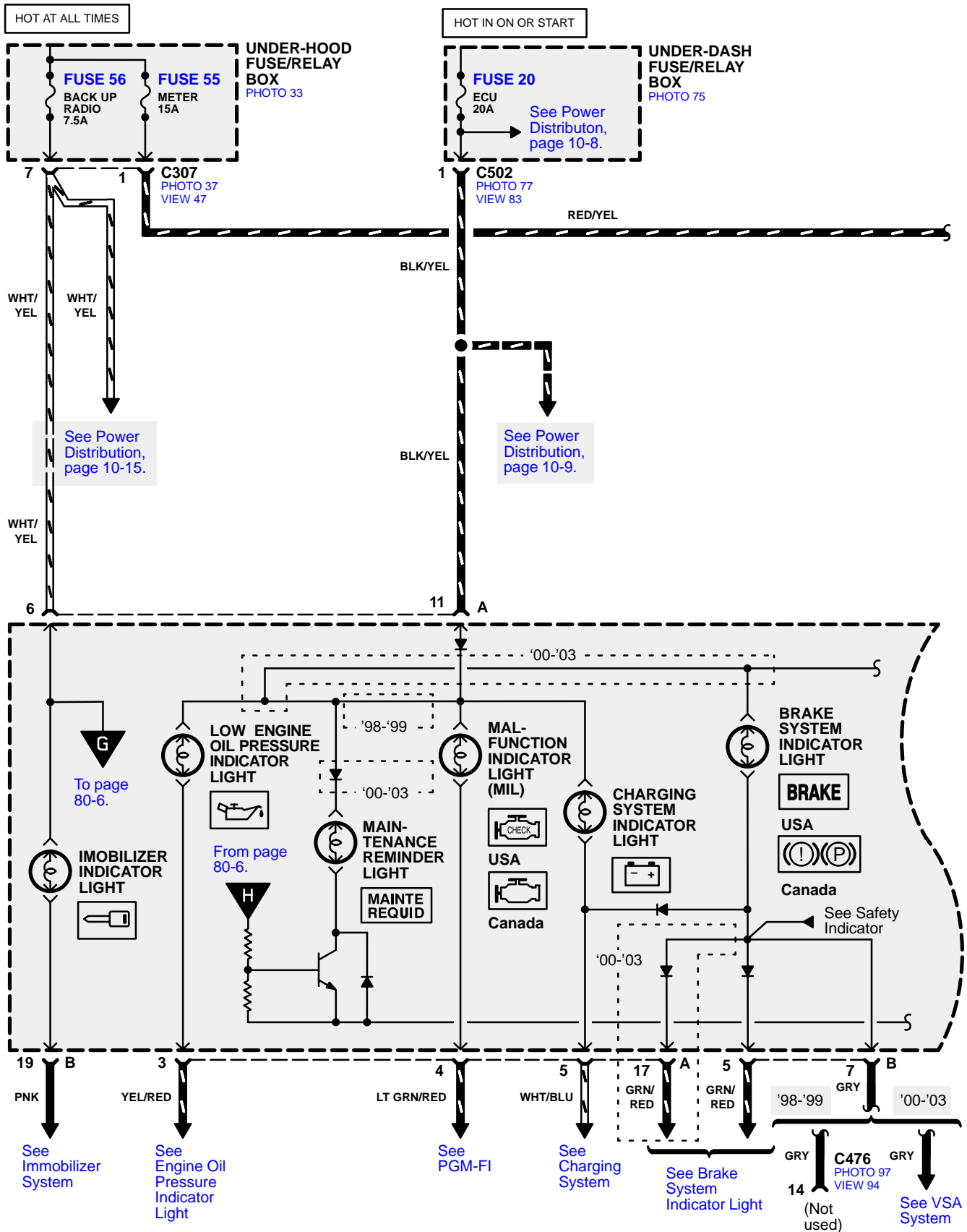
– '96-'97

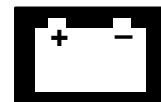
**GAUGE  
ASSEMBLY**  
PHOTO 71  
VIEW 113



# Gauge Assembly

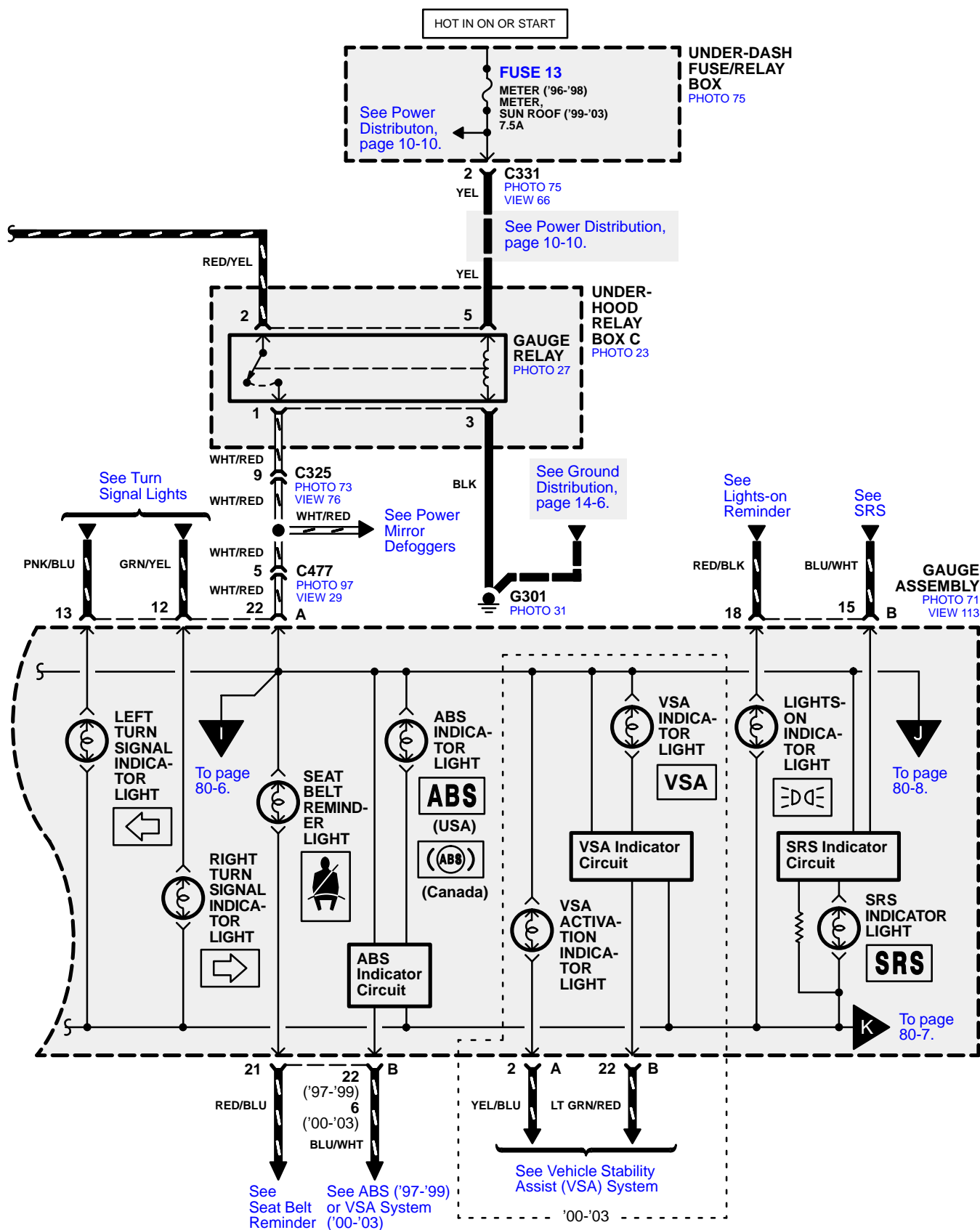
— '98-'03





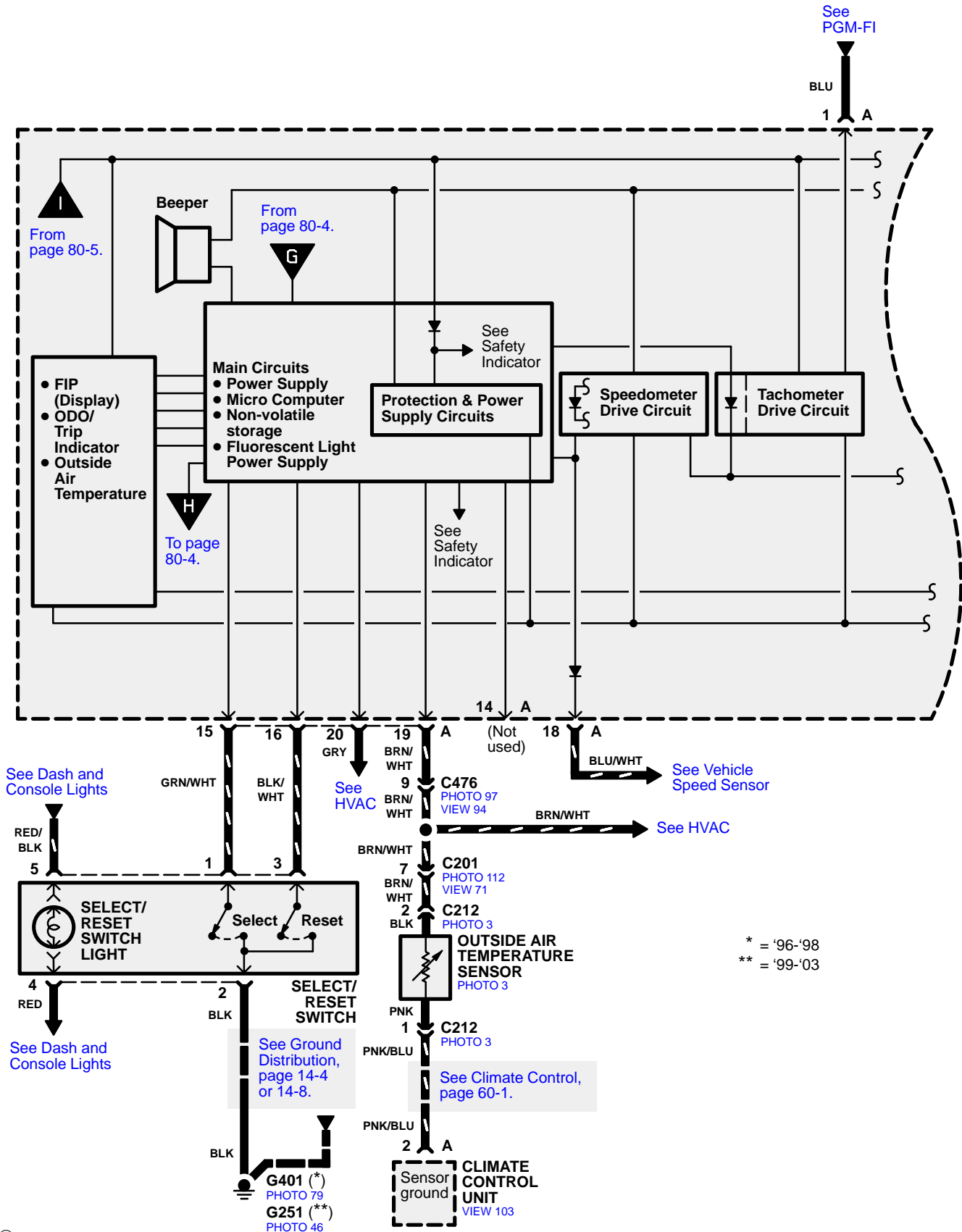
# Gauge Assembly

— '98-'03



# Gauge Assembly

– '98-'03

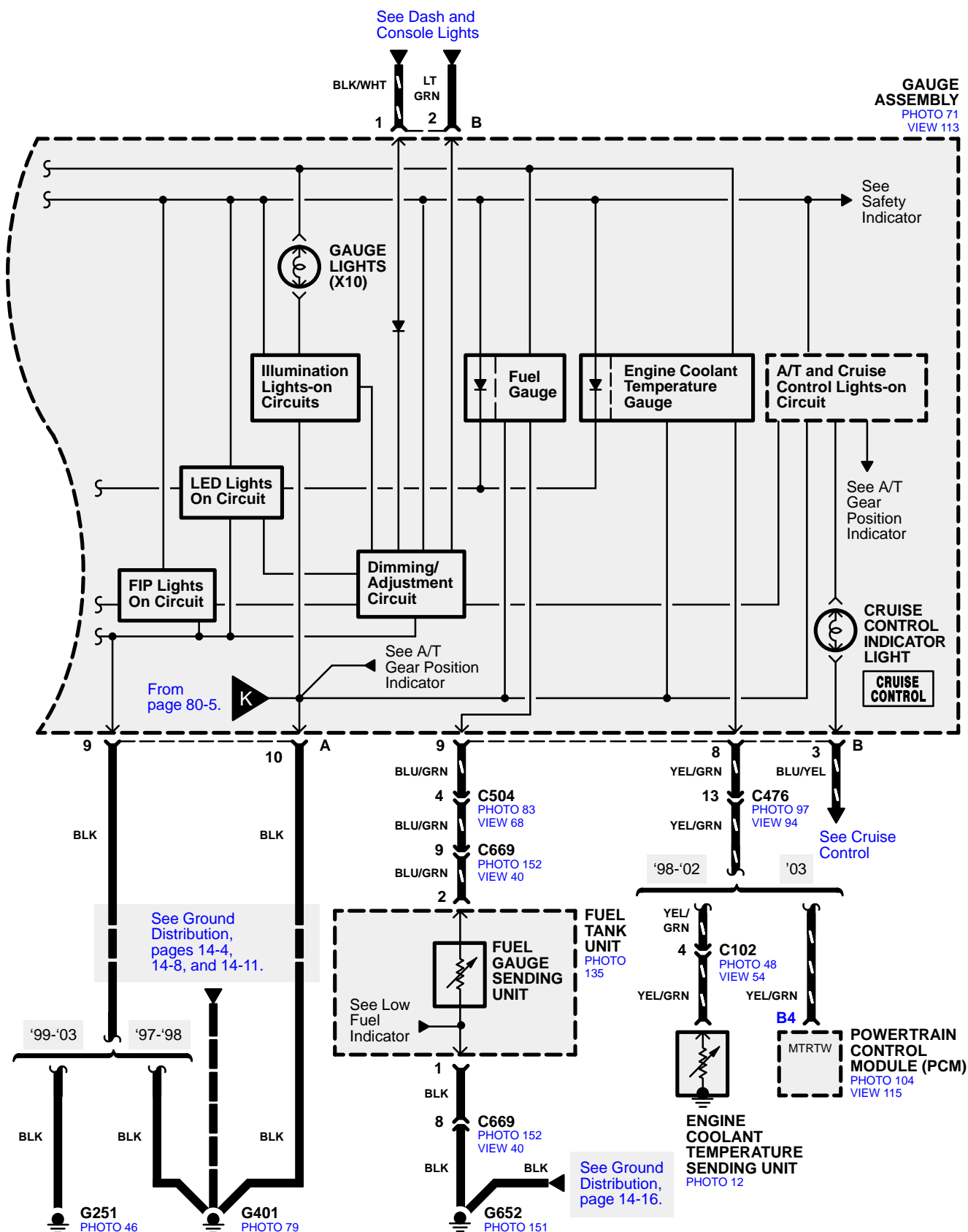




# Gauge Assembly

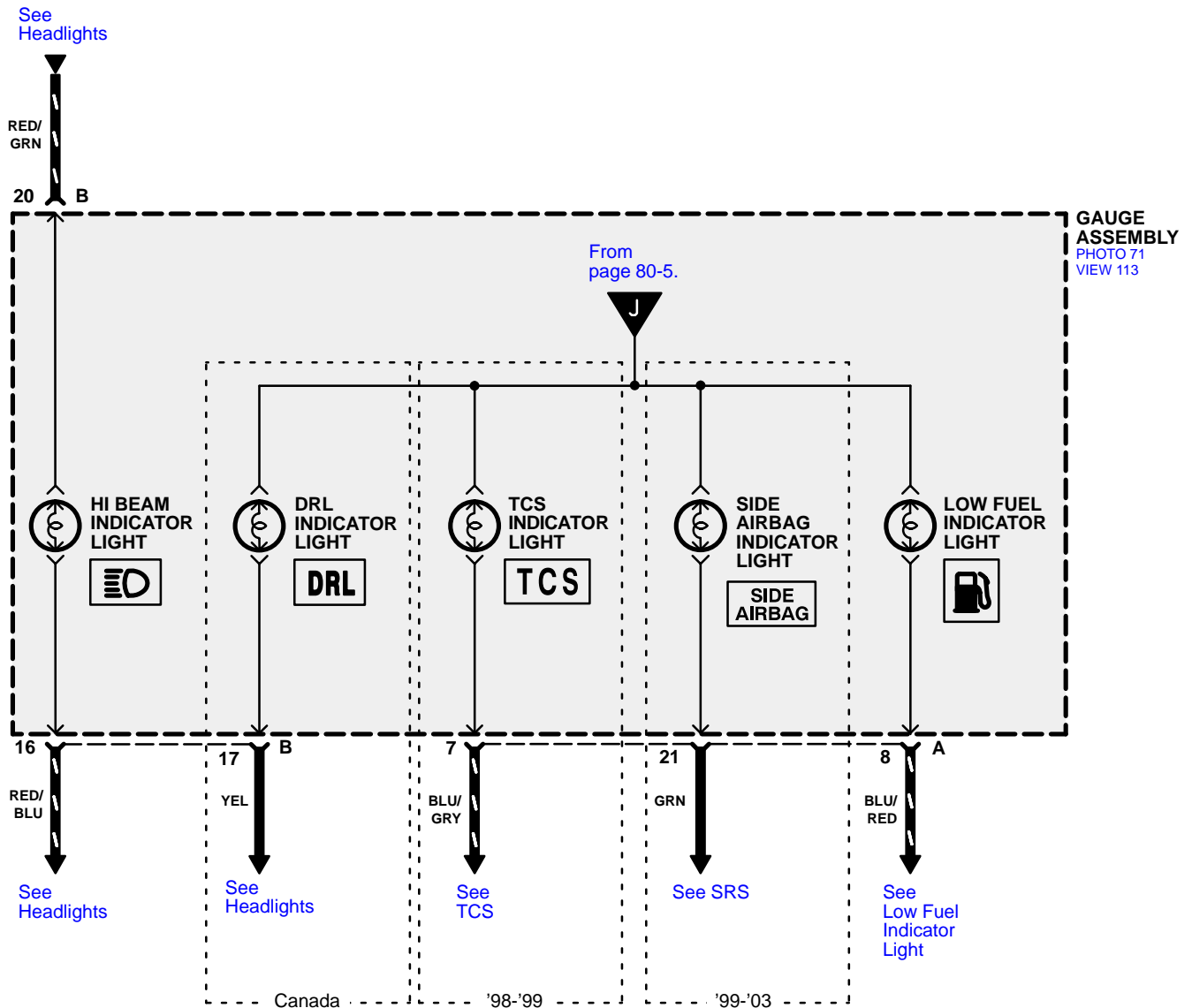
– '98-'03

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# Gauge Assembly

– '98-'03

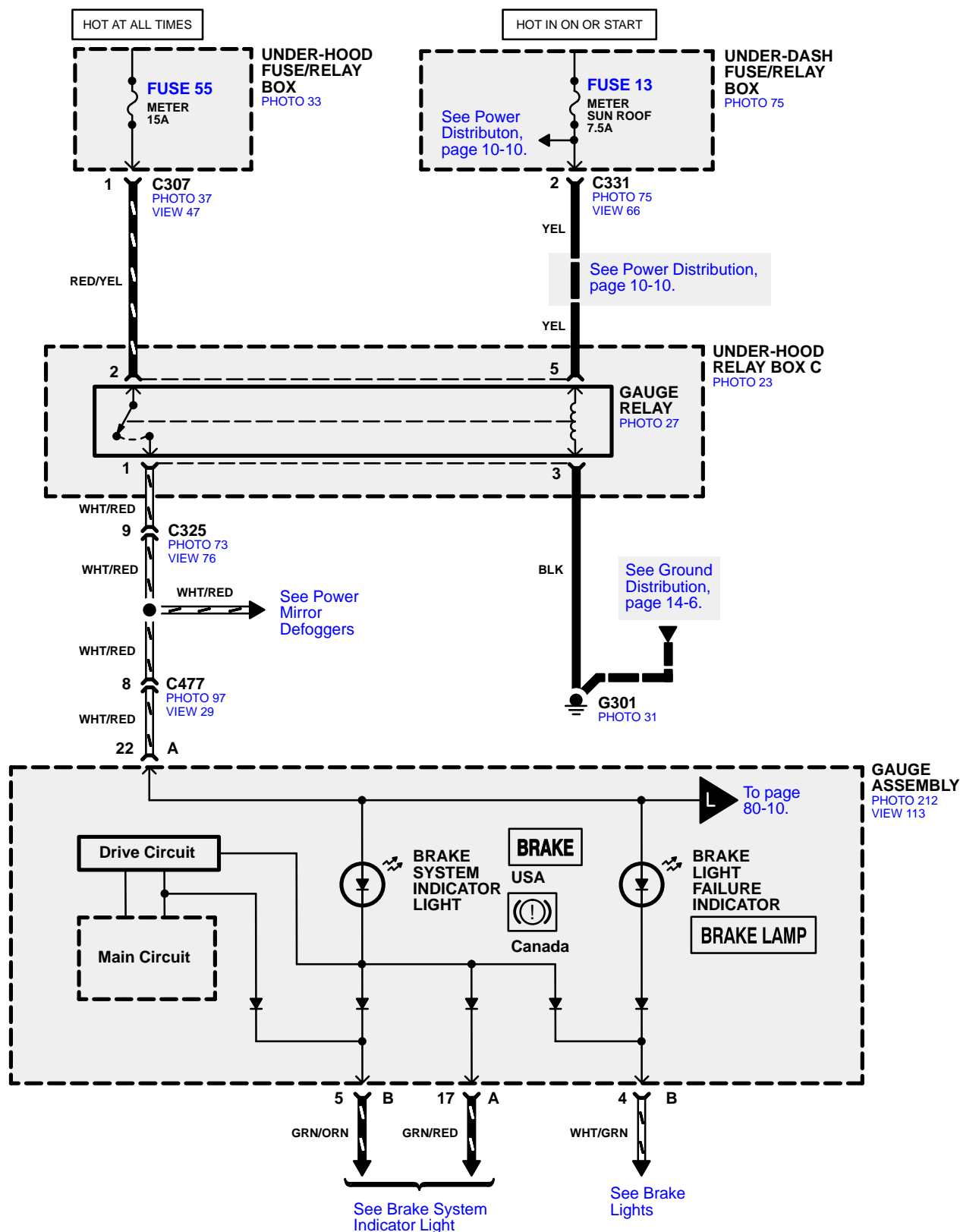






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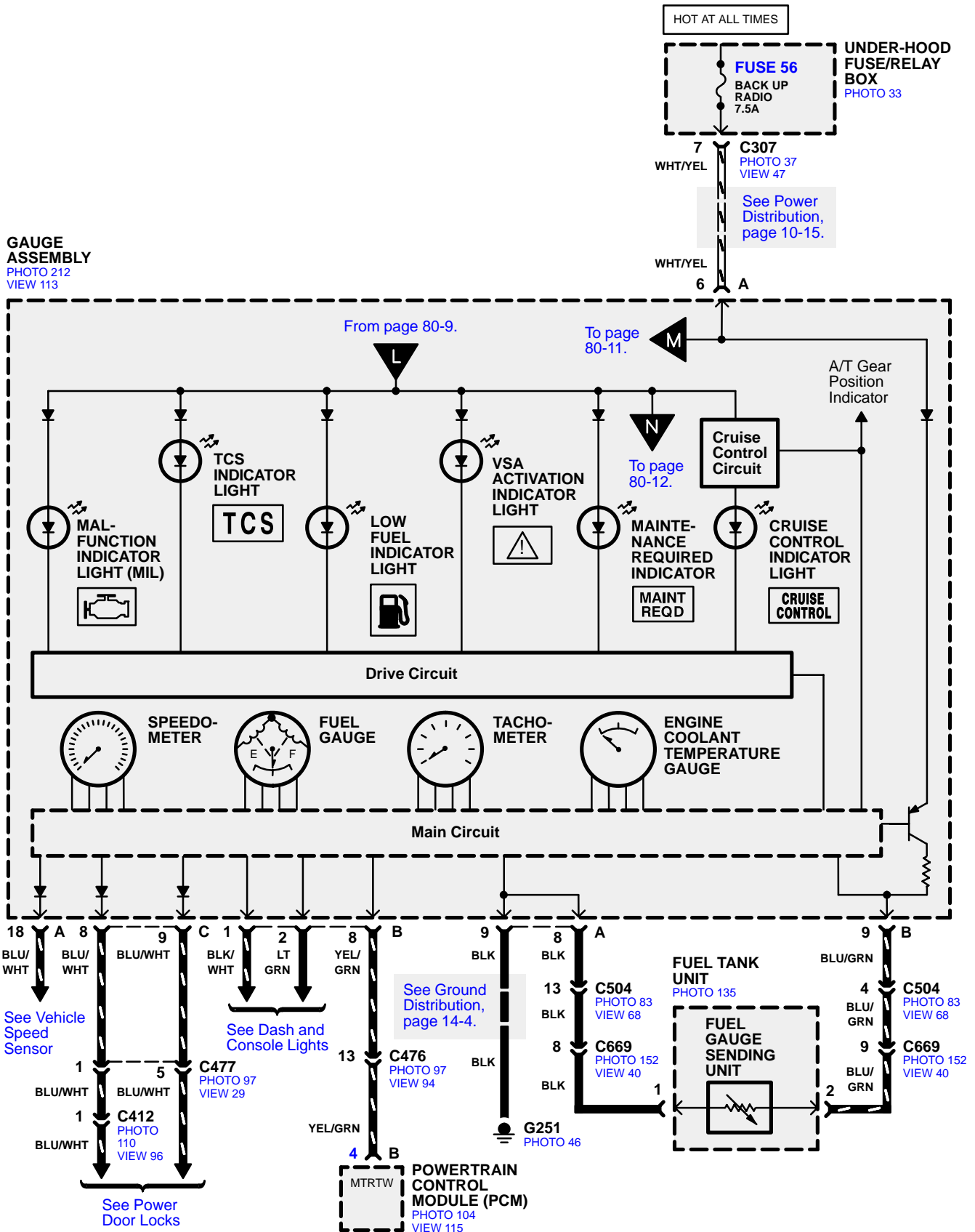
– '04



# Gauge Assembly

- '04

**GAUGE ASSEMBLY**  
PHOTO 212  
VIEW 113

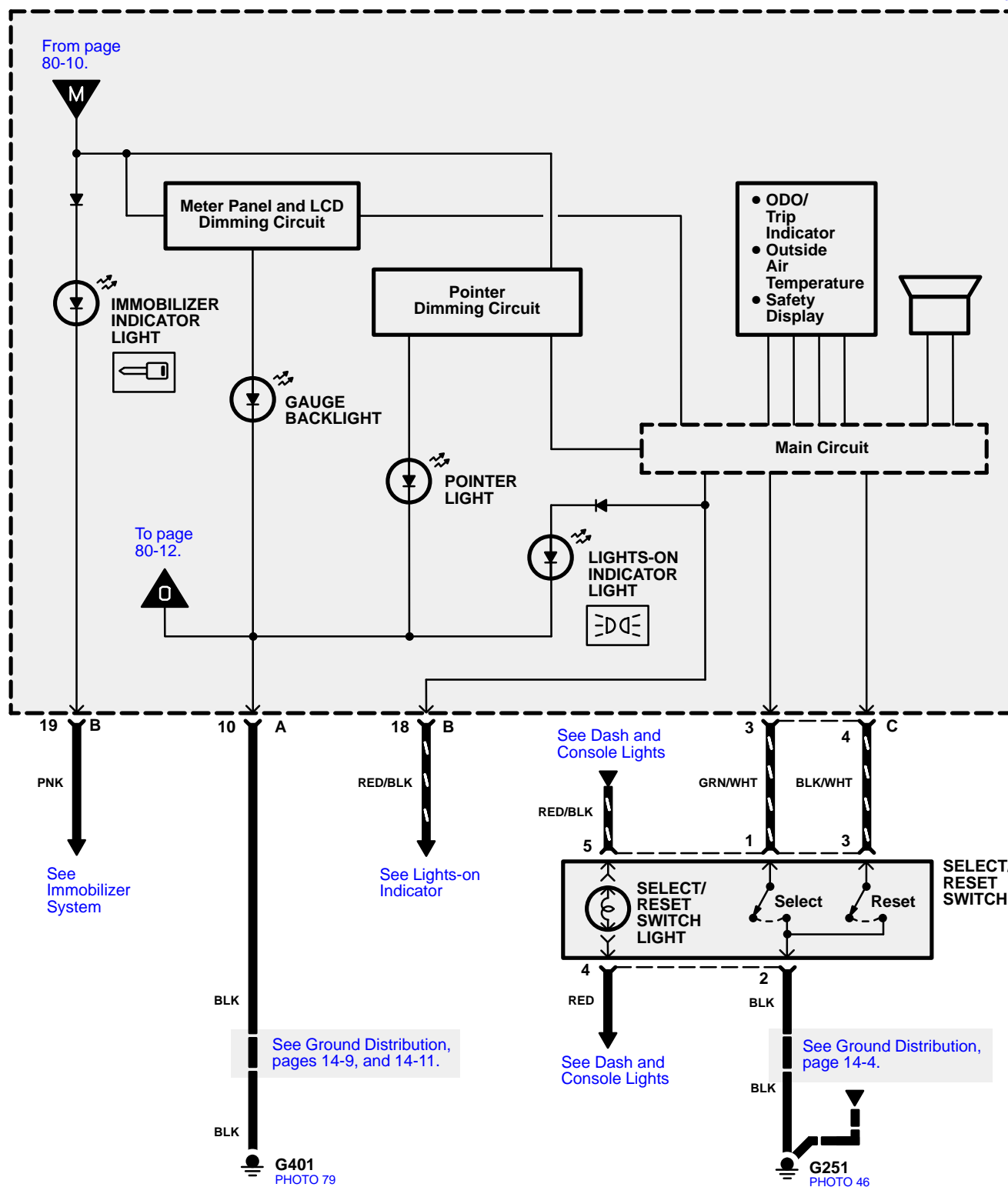




# Gauge Assembly

– '04

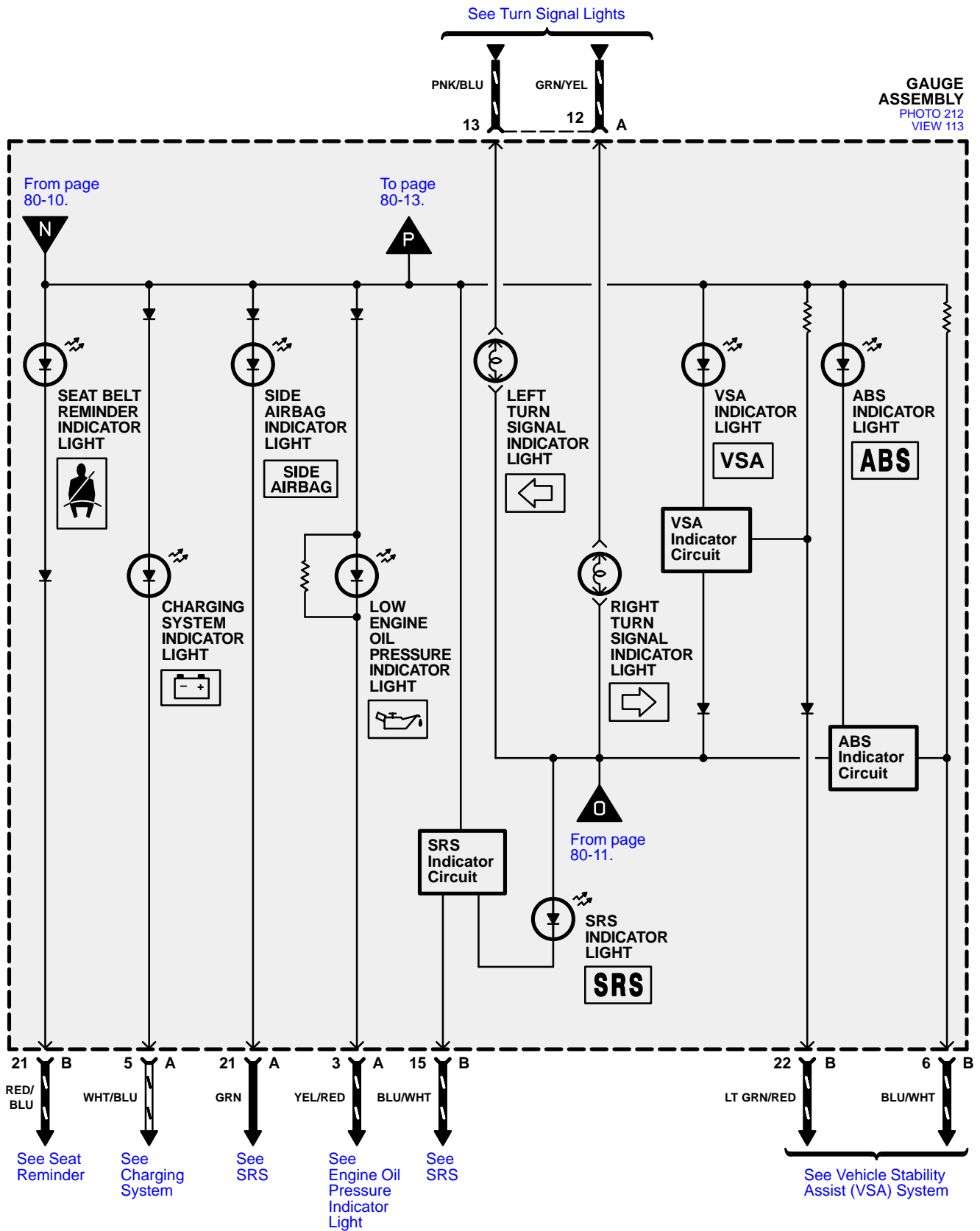
GAUGE  
ASSEMBLY  
PHOTO 212  
VIEW 113

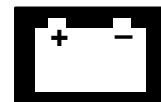


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# Gauge Assembly

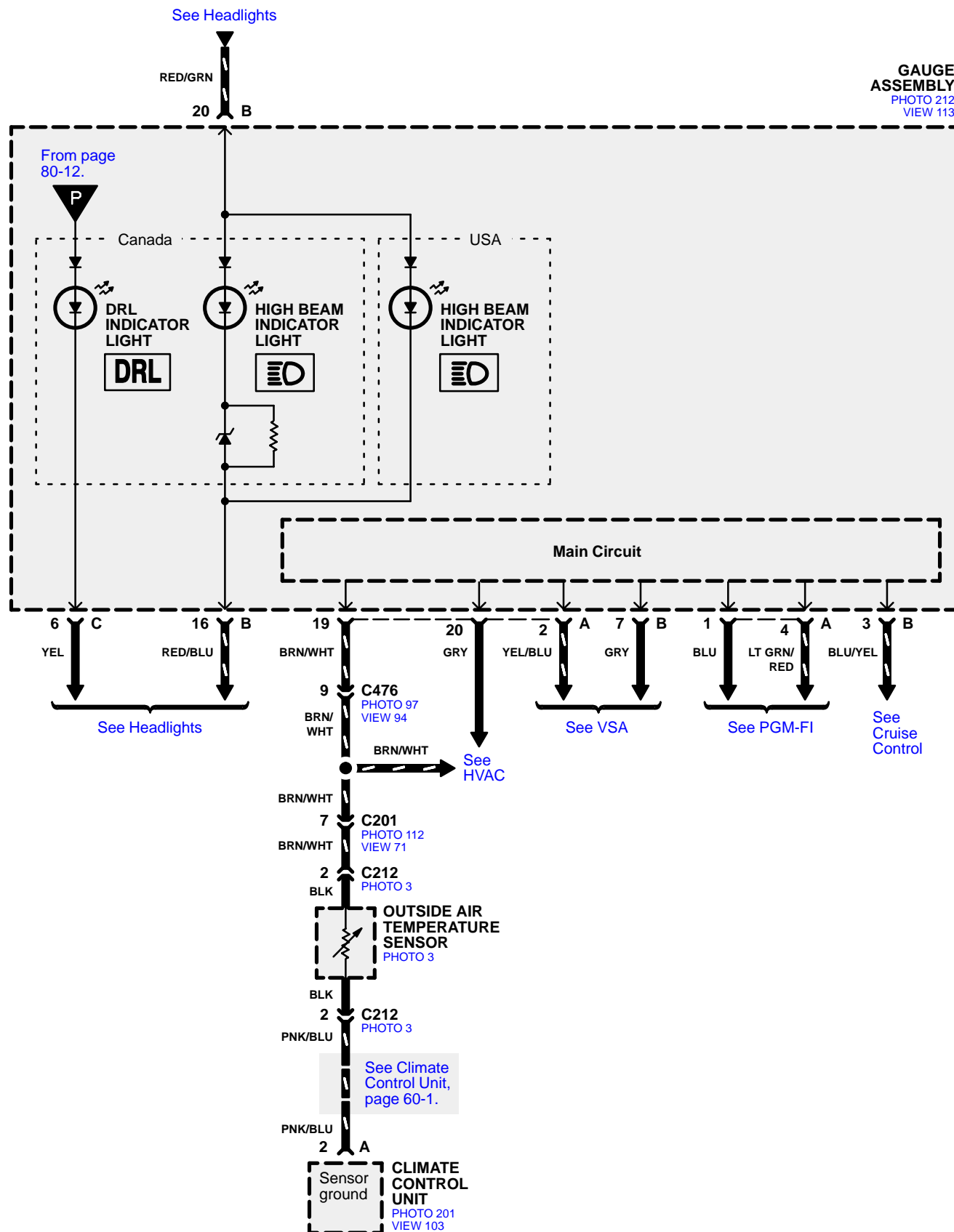
- '04





# Gauge Assembly

– '04



# Gauge Assembly

## – How the Circuit Works

The gauge assembly receives battery voltage at all times through fuse 56 and through fuse 20 ('96-'03) with the ignition switch in ON (II) or START (III). The gauge assembly also receives battery voltage through fuse 55 and the gauge relay with the ignition switch in ON (II) or START (III).

### Speedometer and Odometer

The speedometer and odometer drive circuits receive pulses from the vehicle speed sensor (VSS). The pulse rate increases as the vehicle speed increases. This speed signal is converted and displayed by the speedometer, odometer, and trip meter.

### Tachometer

The tachometer drive circuit receives pulses at the rate of three pulses per engine revolution from the powertrain control module (PCM). The pulse frequency increases as the engine speed increases. This speed signal is converted and displayed by the tachometer.



### WARNING

**Do not smoke while working on the fuel system. Keep open flame away from the work area. Drain fuel only into an approved container.**

### Fuel Gauge

The fuel gauge contains two intersecting coils and a permanent magnet rotor assembly which displays the fuel level even with the ignition switch in the LOCK (0) position. The fuel gauge sensor controls the magnetic field which varies the current to the fuel gauge and causes the gauge pointer to move. The fuel gauge indicates a full tank when the sender resistance is 3.5 to 5 ohms. The fuel gauge indicates a half tank when the sender resistance is 29.5 to 35.5 ohms. The fuel gauge indicates an empty tank when the sender resistance is 105 to 108 ohms.

### Engine Coolant Temperature Gauge ('96-'02)

The engine coolant temperature gauge contains two intersecting coils and a permanent magnet rotor assembly which displays the coolant temperature even with the ignition switch in the LOCK (0) position. The coolant temperature sending unit controls the magnetic field which varies the current to the coolant temperature gauge and causes the gauge pointer to move. The coolant temperature gauge indicates hot, 85° C (185° F) to 100° C (212° F), when the sender resistance is 46 to 30 ohms. The gauge indicates cold, 56° C (133° F), when the sender resistance is 137 ohms.

### Engine Coolant Temperature Gauge ('03-'04)

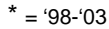
The main circuit built into the gauge assembly controls the engine coolant temperature. The main circuit receives its input signal from the Engine Coolant Temperature Sensor (ECT) through the Powertrain Control Module (PCM). The Engine Coolant Temperature Sensor (ECT) is a temperature dependent resistor (thermistor) whose resistance decreases as the coolant temperature increases.

### Outside Air Temperature Display

The outside air temperature display receives temperature information from the outside air temperature sensor through the BRN/WHT wire. The gauge assembly converts this signal into a digital display. The climate control system also uses this sensor.

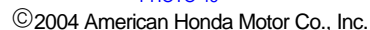
Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

**- '96-'03**





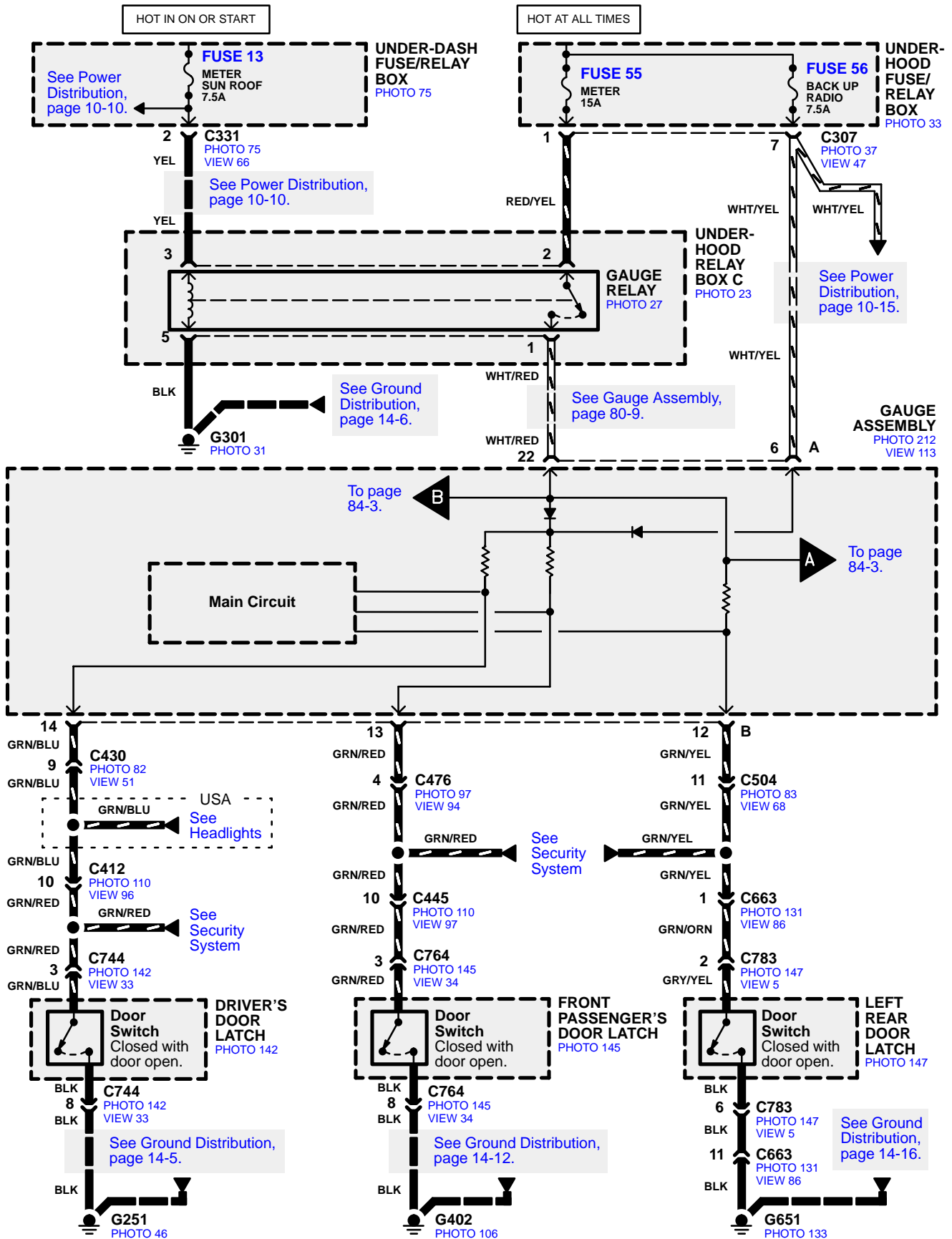
ProCarManuals.com





# Safety Indicator

— '04

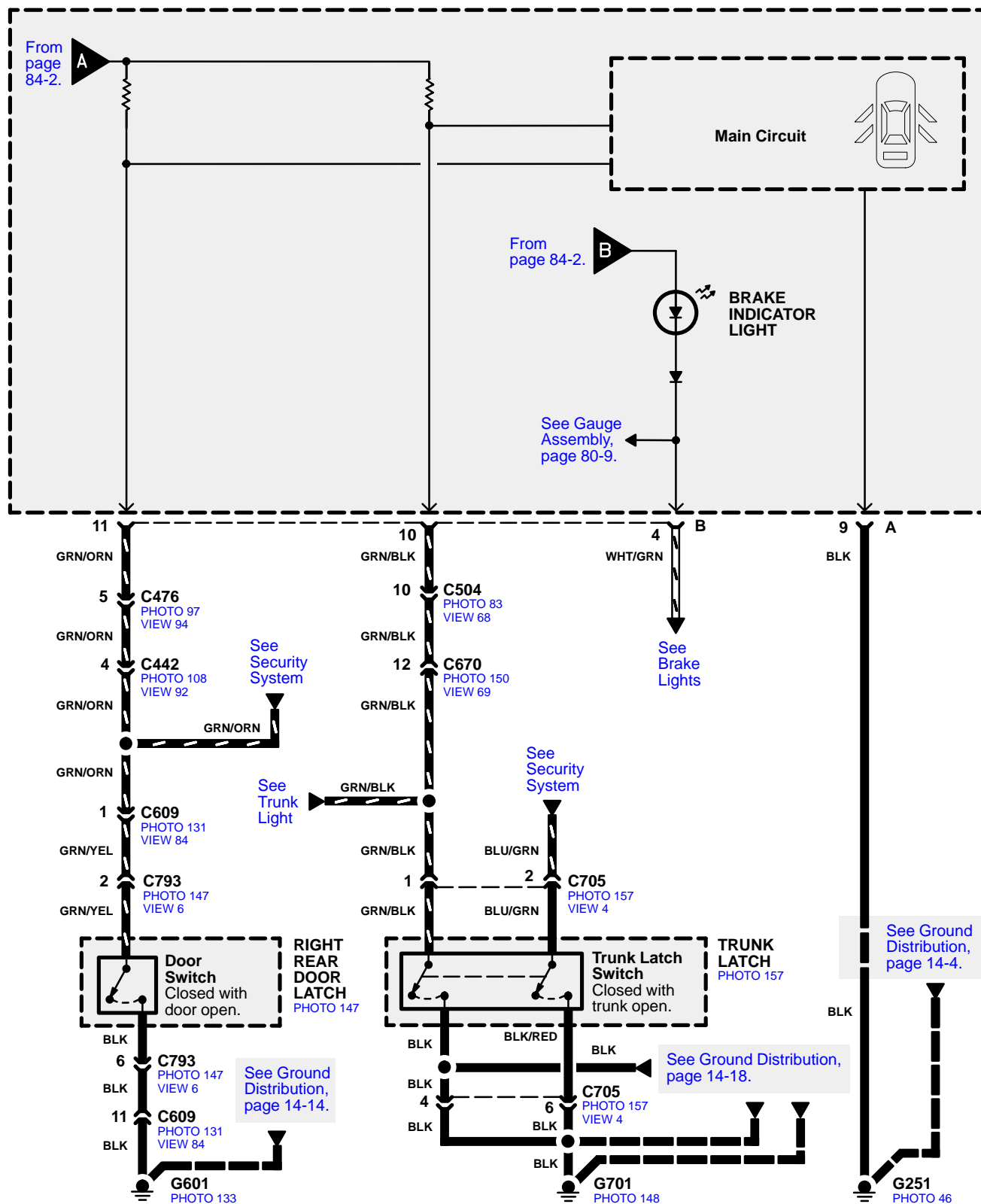




# Safety Indicator

- '04

GAUGE  
ASSEMBLY  
PHOTO 212  
VIEW 113



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# A/T Gear Position Indicator

## – How the Circuit Works

With the ignition switch in ON (II) or START (III), voltage is applied to the A/T gear position indicator through the gauge relay. The A/T gear position switch provides a ground for each position. As an input is grounded, its indicator light comes on. If you select R, for example, ground will be applied to the input of the A/T gear position indicator, and the R indicator will come on.

With the headlight switch in PARK or HEAD, voltage is applied to the gauge assembly through the BLK/WHT wire and dash lights brightness controller wire terminal. This changes the indicator panel illumination from fixed to controlled by the dash lights dimmer input through the LT GRN wire.

When the powertrain control module (PCM) detects an abnormality in the automatic transmission control system, or when you request diagnostic trouble codes through the service check connector, the PCM will make the D4 indicator light blink.

Refer to the Service Manual (Section 14, Automatic Transmission) for specific tests or troubleshooting procedures.

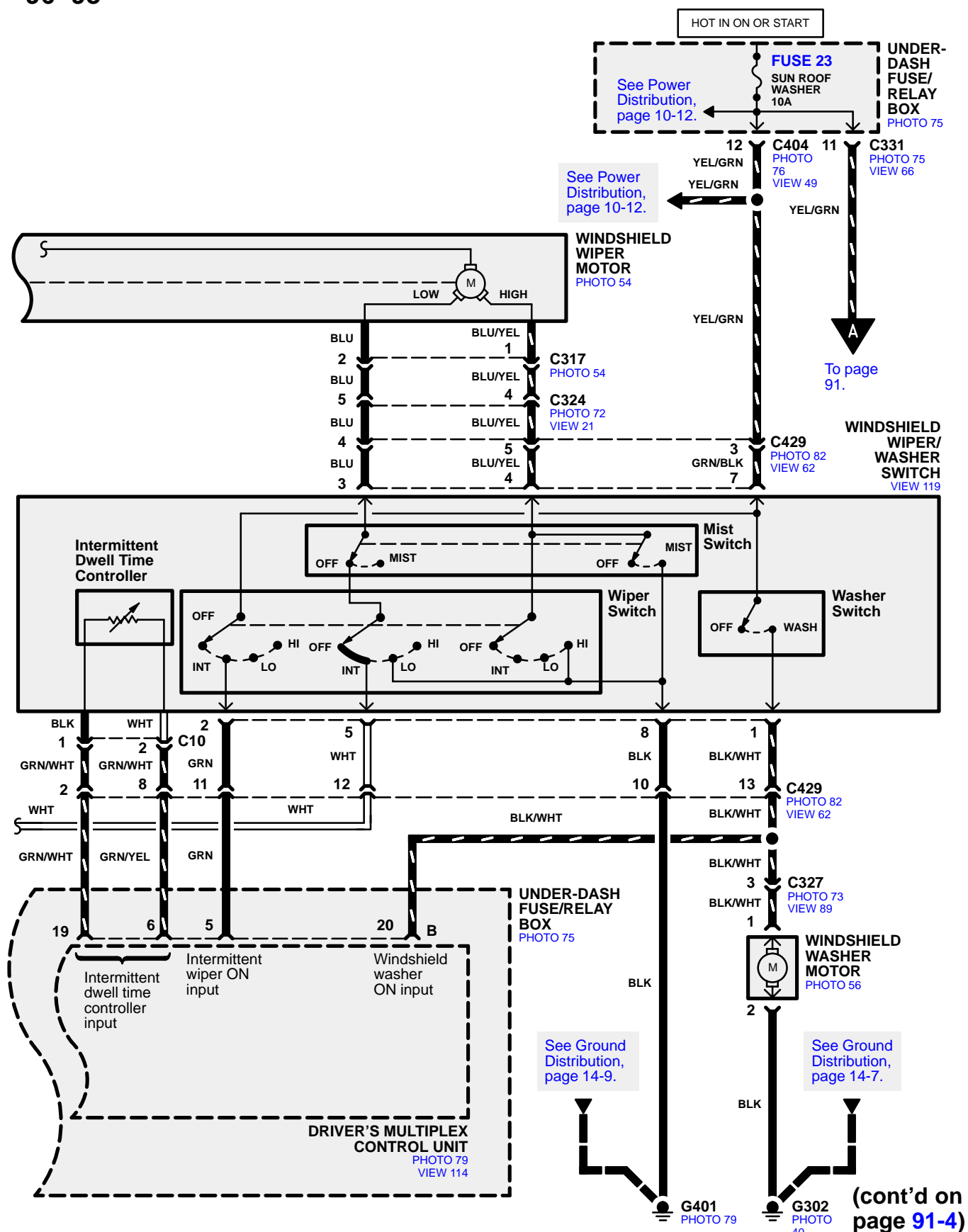
– ‘96-‘98





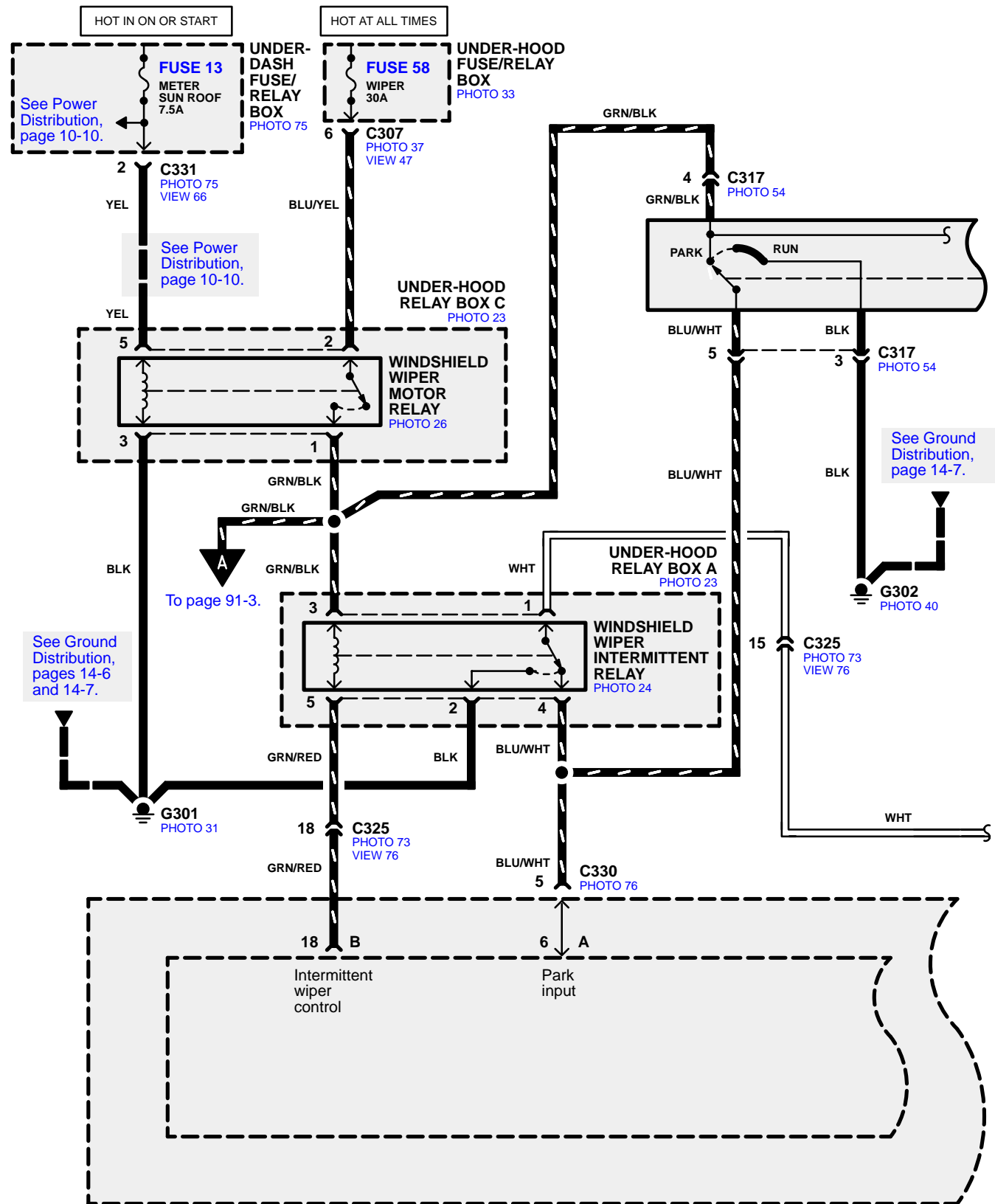
# Wiper/Washer

— '96-'98



# Wiper/Washer

– '99-'04

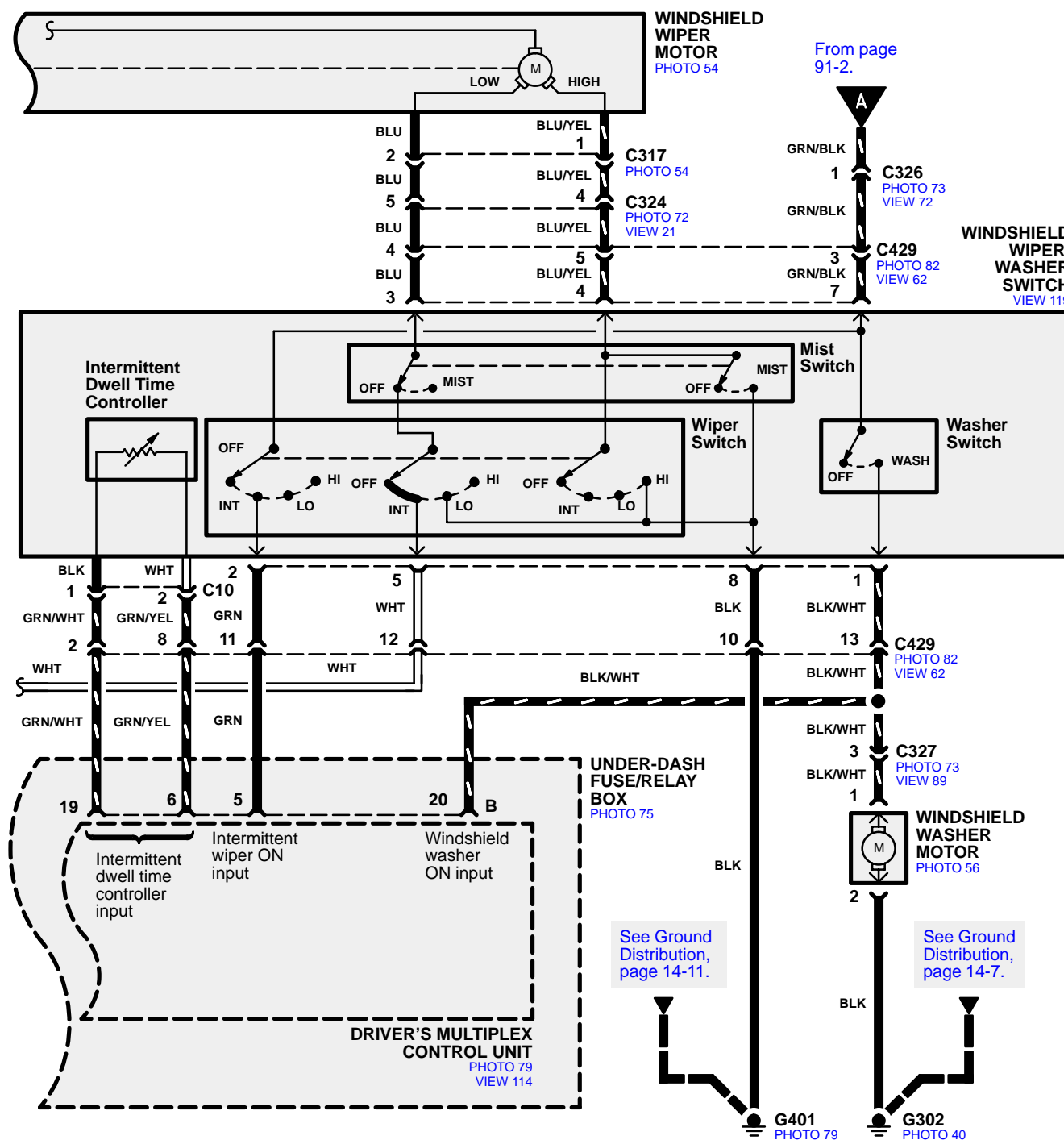




# Wiper/Washer

— '99-'04

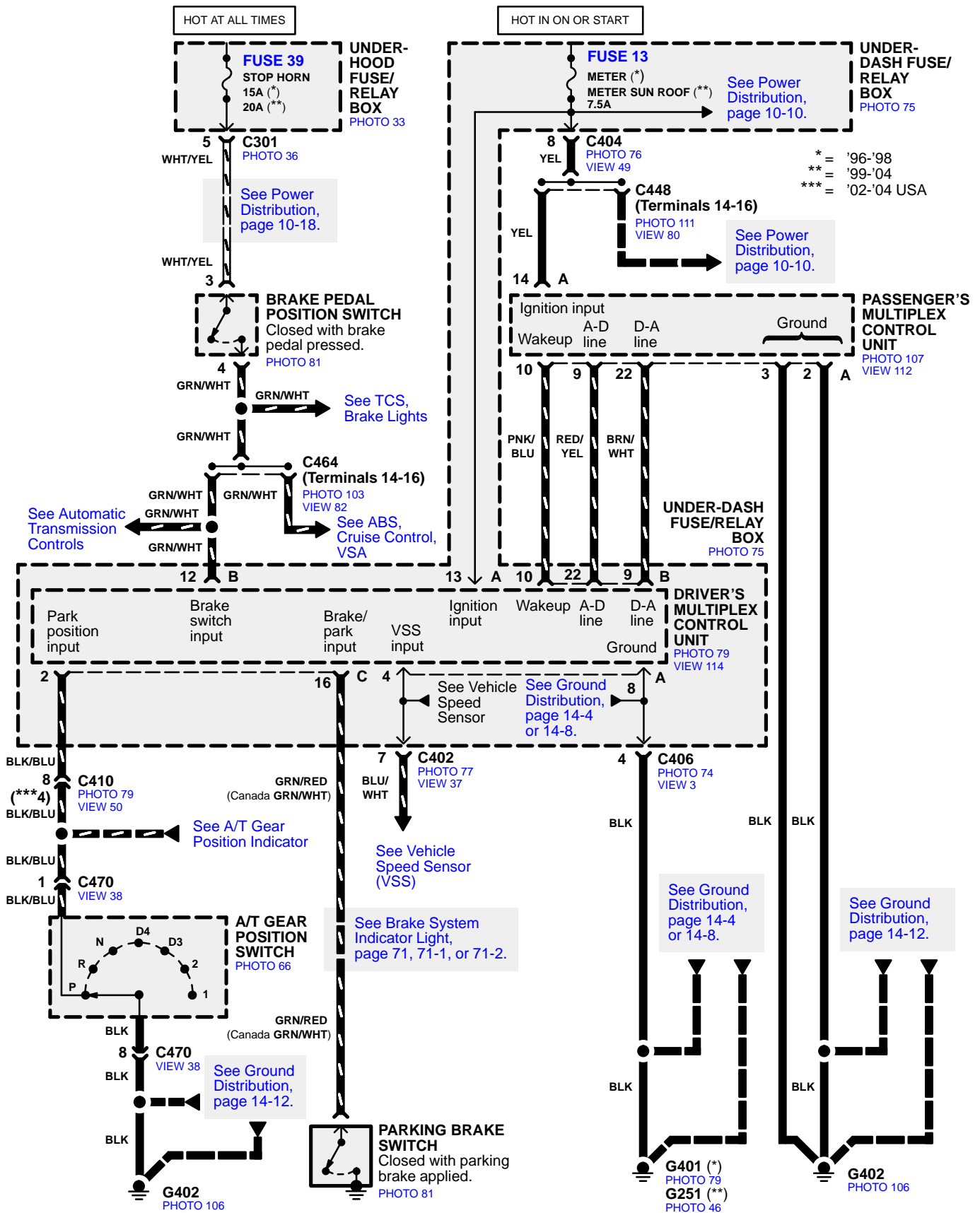
ProCarManuals.com

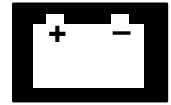




# Wiper/Washer

– All Models





# Wiper/Washer

## – How the Circuit Works

### Low Speed

With the ignition switch in ON (II) or START (III), battery voltage is applied to the windshield wiper motor through the windshield wiper motor relay. When you move the wiper switch to LO, the low speed winding of the motor is grounded through the low contact of the wiper/washer switch, and the wipers run at low speed.

### Park/Off

When you turn off the wiper switch, ground is provided for the low speed winding of the windshield wiper motor. The ground is provided through the wiper switch, intermittent wiper relay, and the cam switch on the motor to G301. The wipers run at low speed until the cam switch on the motor moves to PARK, removing the ground. The wipers then stop in the park position.

### High Speed

When you move the wiper switch to HI, the high speed windings of the windshield wiper motor are grounded through the HI contact of the wiper/washer switch, and the wipers run at high speed.

### Intermittent

#### '96-'98:

When you move the wiper switch to INT, battery voltage is applied through fuse 23 through the windshield wiper/washer switch to the driver's multiplex control unit which energizes the windshield wiper intermittent relay by applying a ground signal to the relay coil.

#### '99-'04:

The contacts of the windshield wiper motor relay are closed with the ignition switch in ON (II) or START (III). When you move the wiper switch to INT, battery voltage is applied through fuse 58 through the windshield wiper/washer switch to the driver's multiplex control unit which energizes the windshield wiper intermittent relay by applying a ground signal to the relay coil.

The wiper sweep time interval is controlled by vehicle speed and the resistance of the intermittent dwell time controller. The resistance of the controller varies from 0 to 30k ohm. The vehicle speed sensor sends a signal directly to the driver's multiplex control unit. Vehicle speed will determine the rate of the wiper cycle. If you set the intermittent time to the shortest delay, the wipers will change from intermittent to low speed operation at a driving speed above 20km/h (12 mph).

### Mist

When you push the wiper/washer lever down and hold it, the high speed winding of the windshield wiper motor is grounded through the MIST contact in the wiper/washer switch. The wipers sweep at high speed until the lever is released. The PARK/OFF function then takes over and the wipers stop in the PARK position.

### Washer

When you pull the wiper/washer lever toward you, battery voltage is applied to the windshield washer motor and the driver's multiplex control unit. The driver's multiplex control unit grounds the coil of the intermittent wiper relay. The relay, in turn, provides ground to the low speed windings of the wiper motor. The washer motor pumps washer fluid onto the windshield and the wipers run at low speed until you release the lever. The wipers make one more sweep after the lever is released.

Refer to the Service Manual (Section 23, Electrical) for testing and troubleshooting procedures.

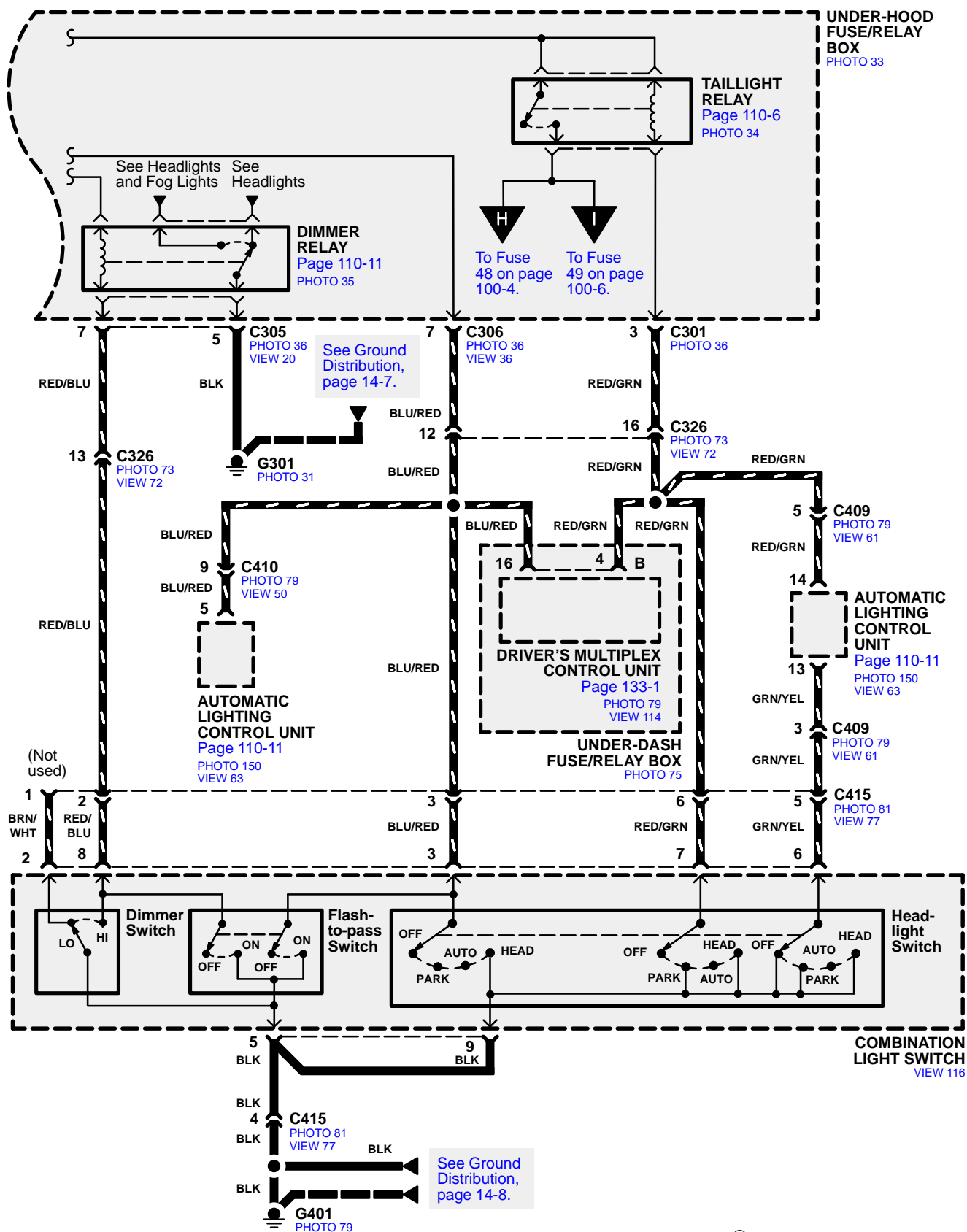
– '96-'98 USA





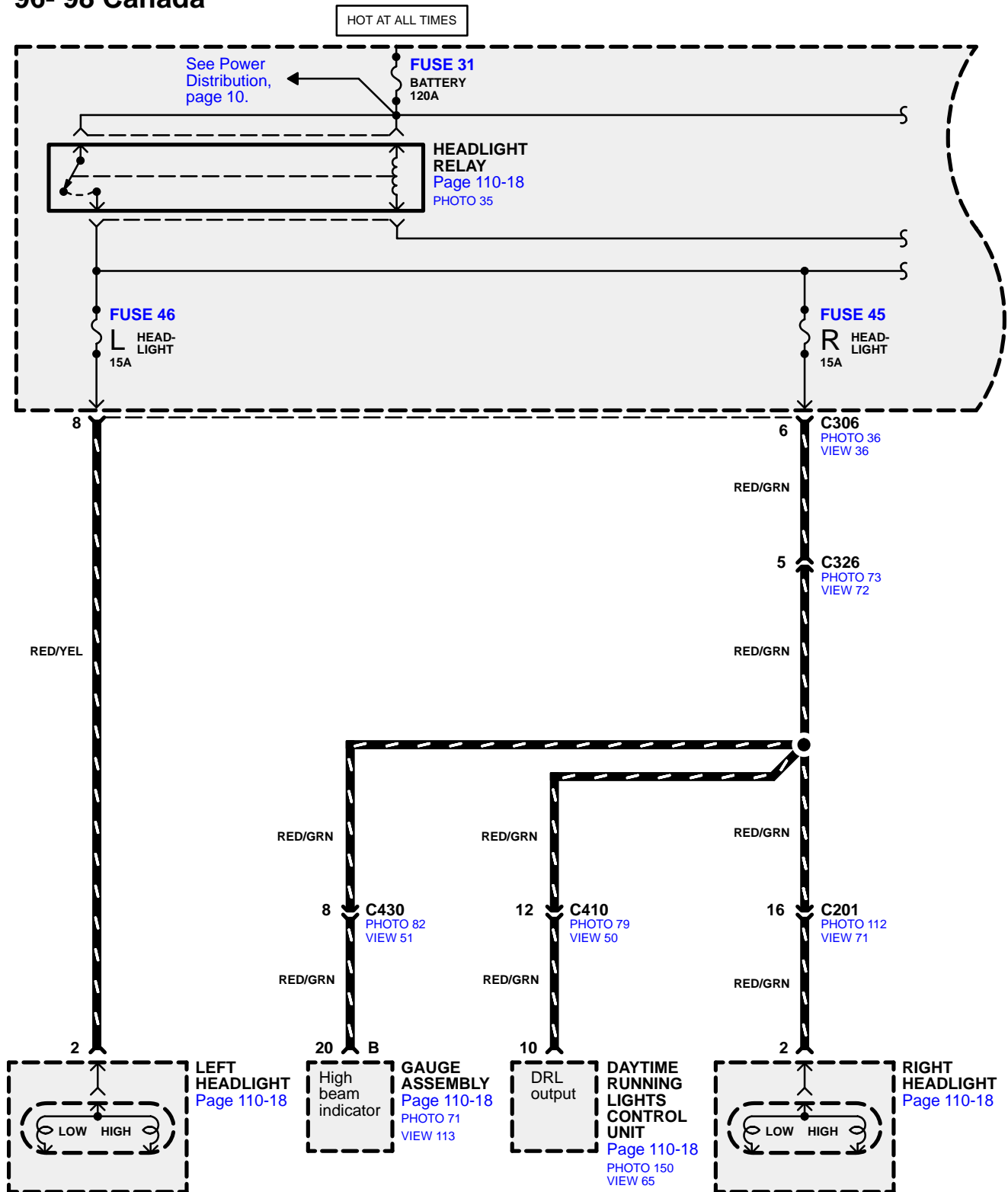
# Headlight Switch

— '96-'98 USA —



# Headlight Switch

– '96-'98 Canada





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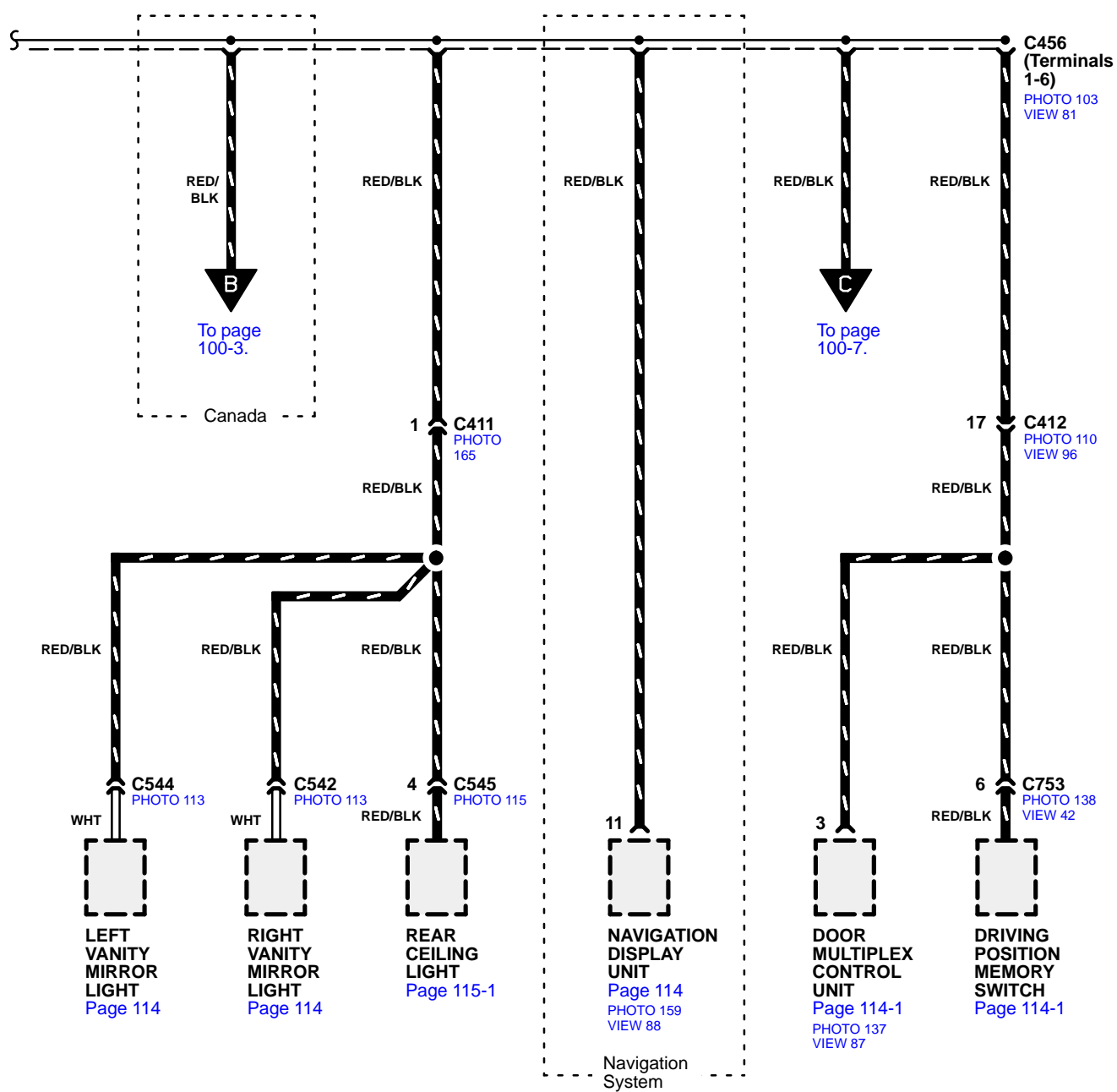
**- All '96-'98**





# Headlight Switch

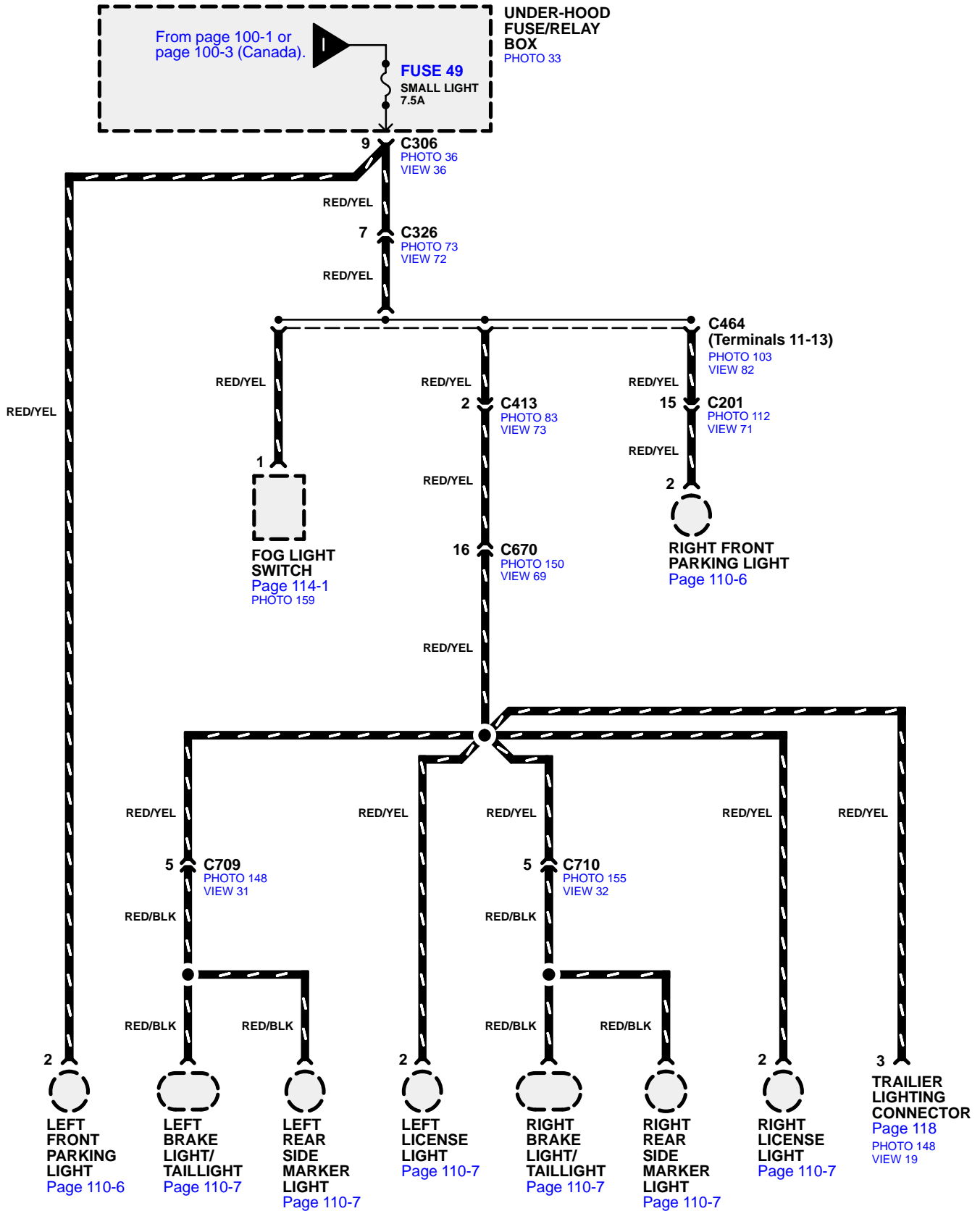
- All '96-'98





# Headlight Switch

— All '96-'98 —



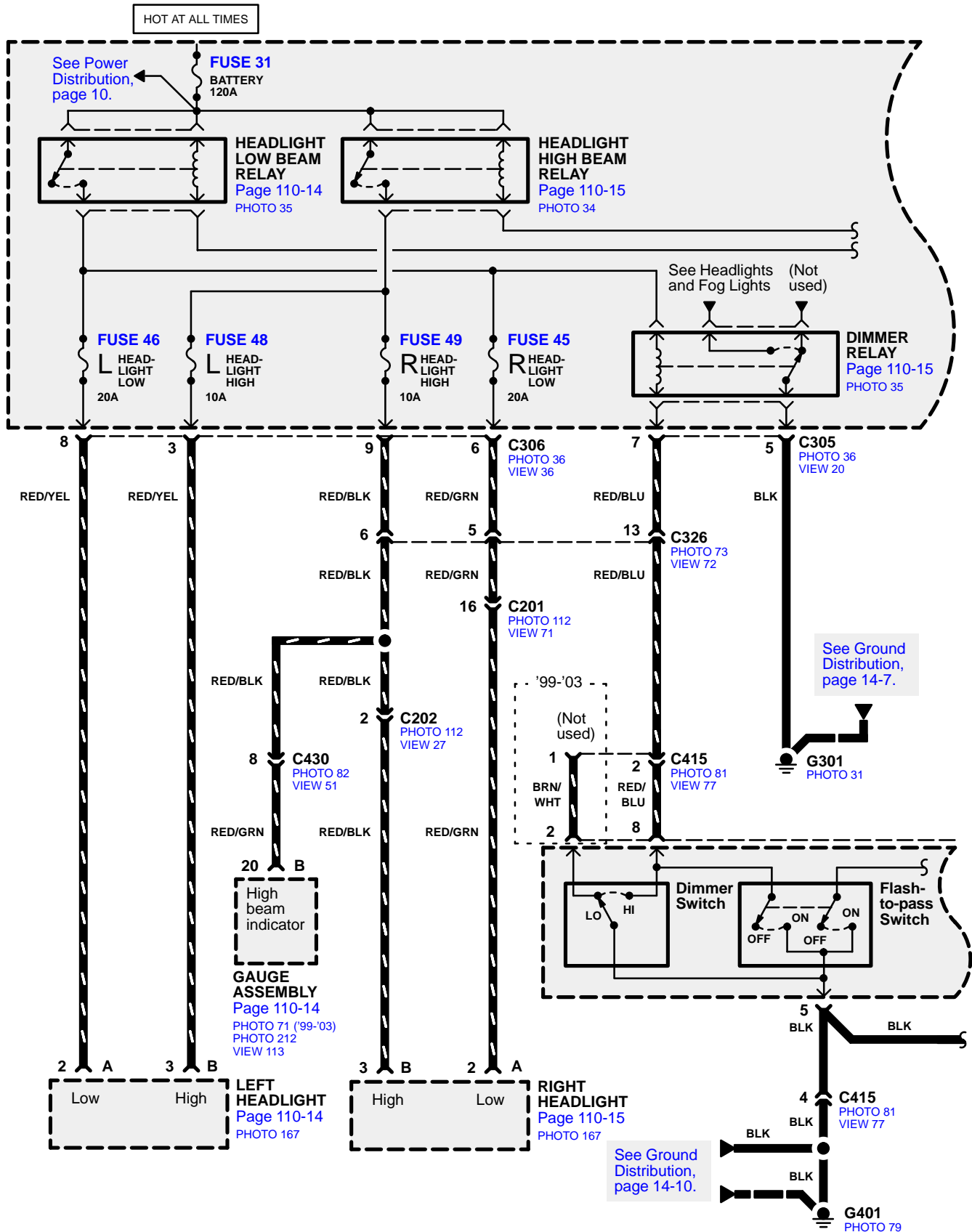


– All '96-'98



# Headlight Switch

– '99-'04 USA (continues on page 100-14)

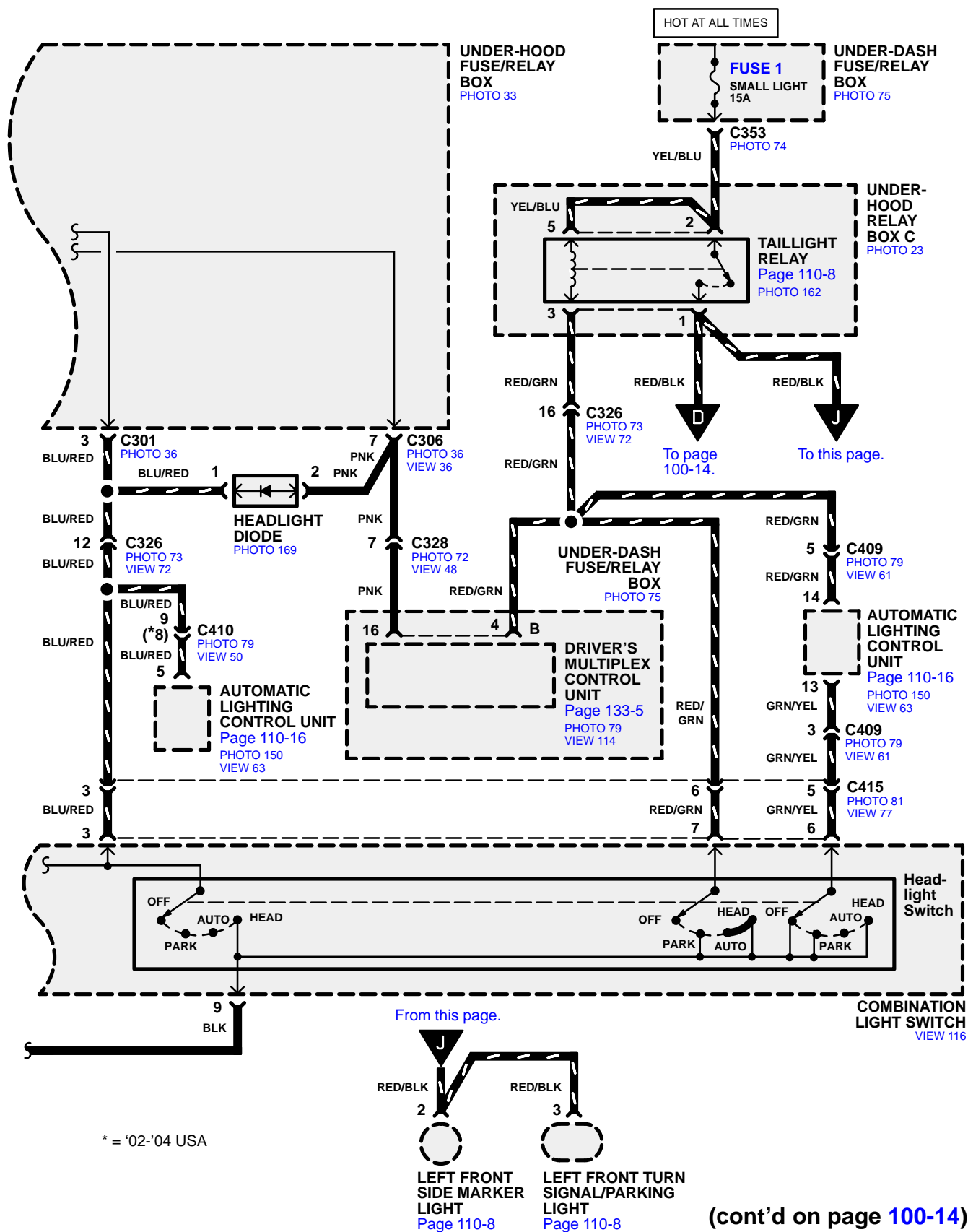




# Headlight Switch

– '99-'04 USA (continues on page 100-14)

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(cont'd on page 100-14)

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– '99 Canada

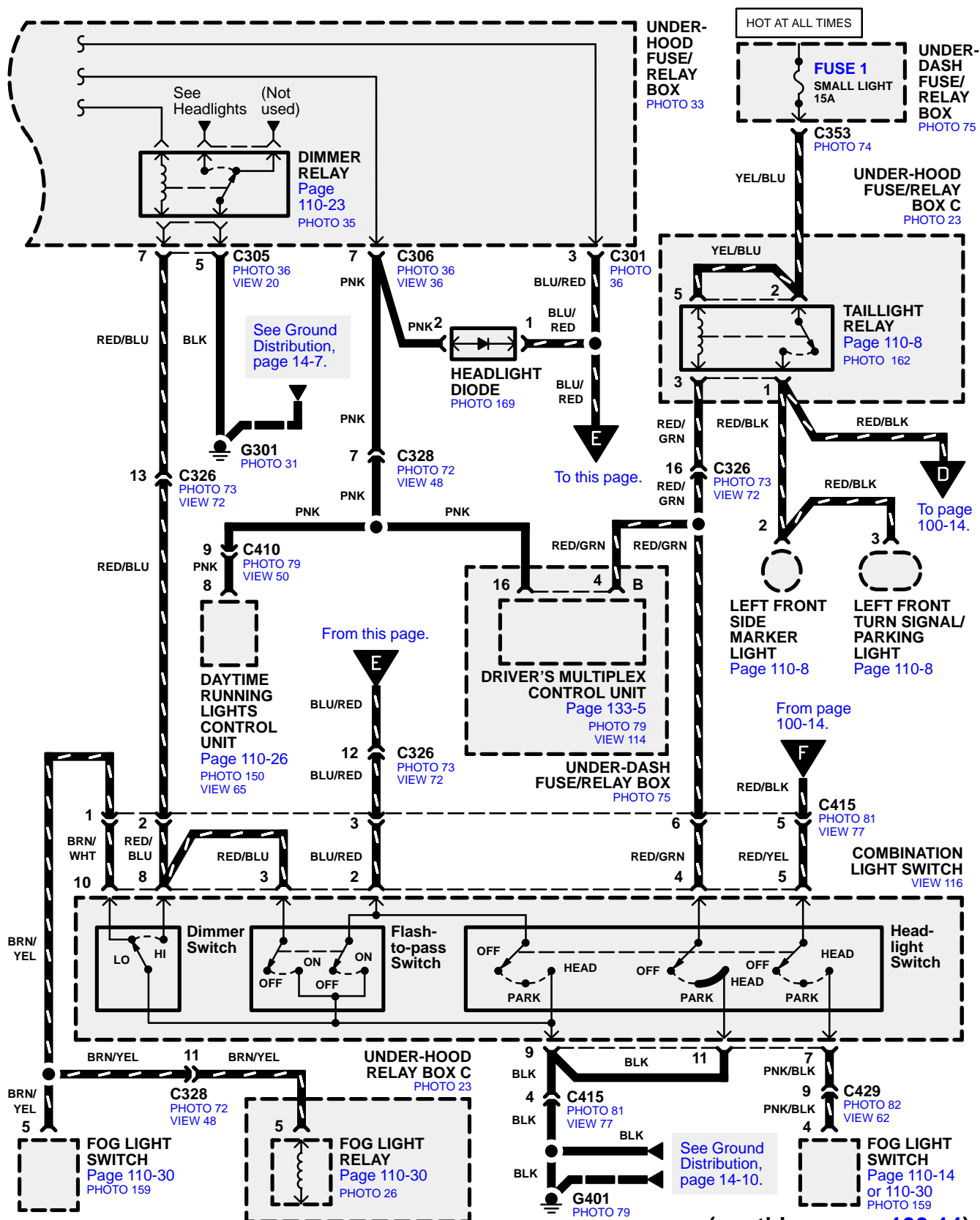




# Headlight Switch

— '99 Canada

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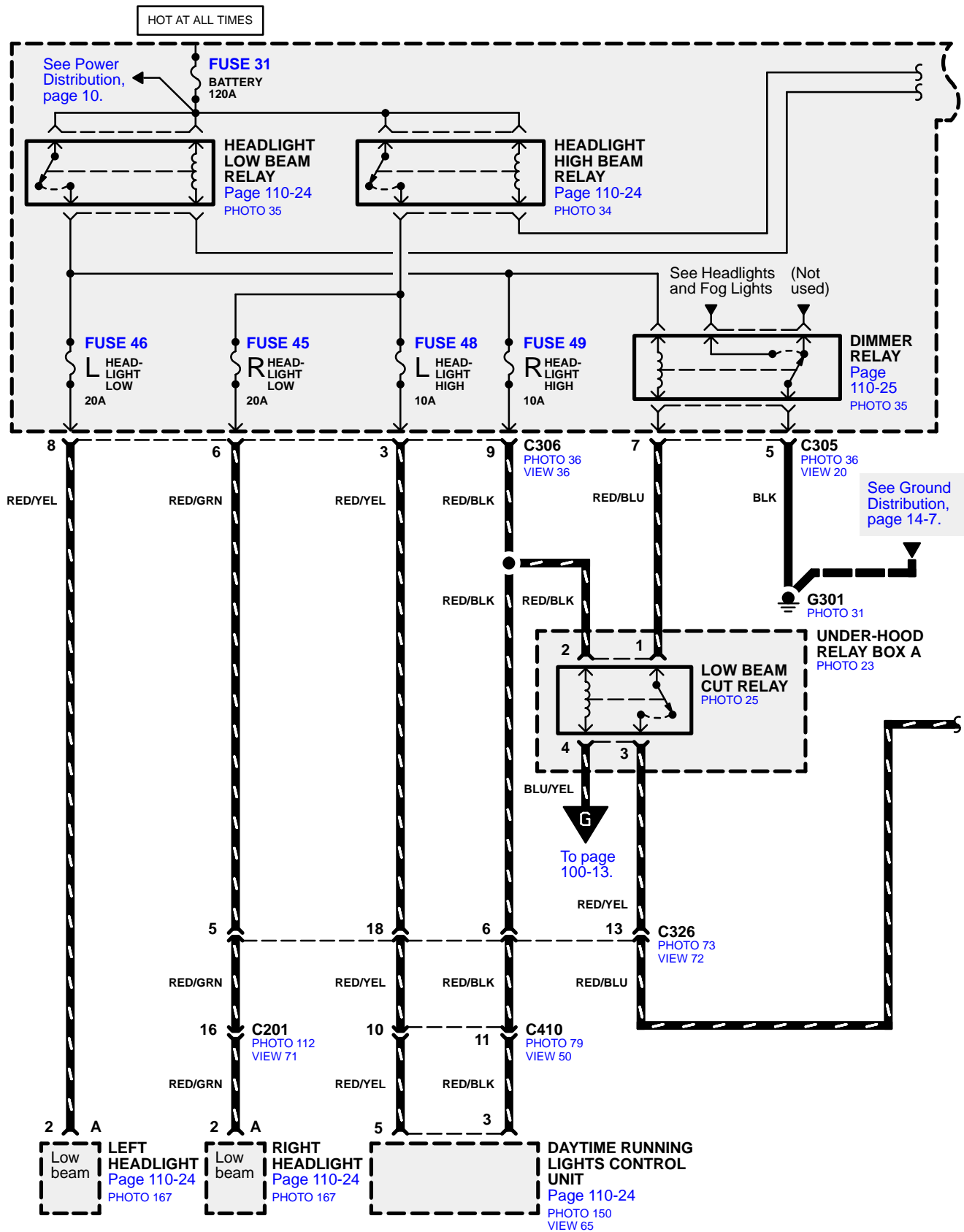


(cont'd on page 100-14)

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# Headlight Switch

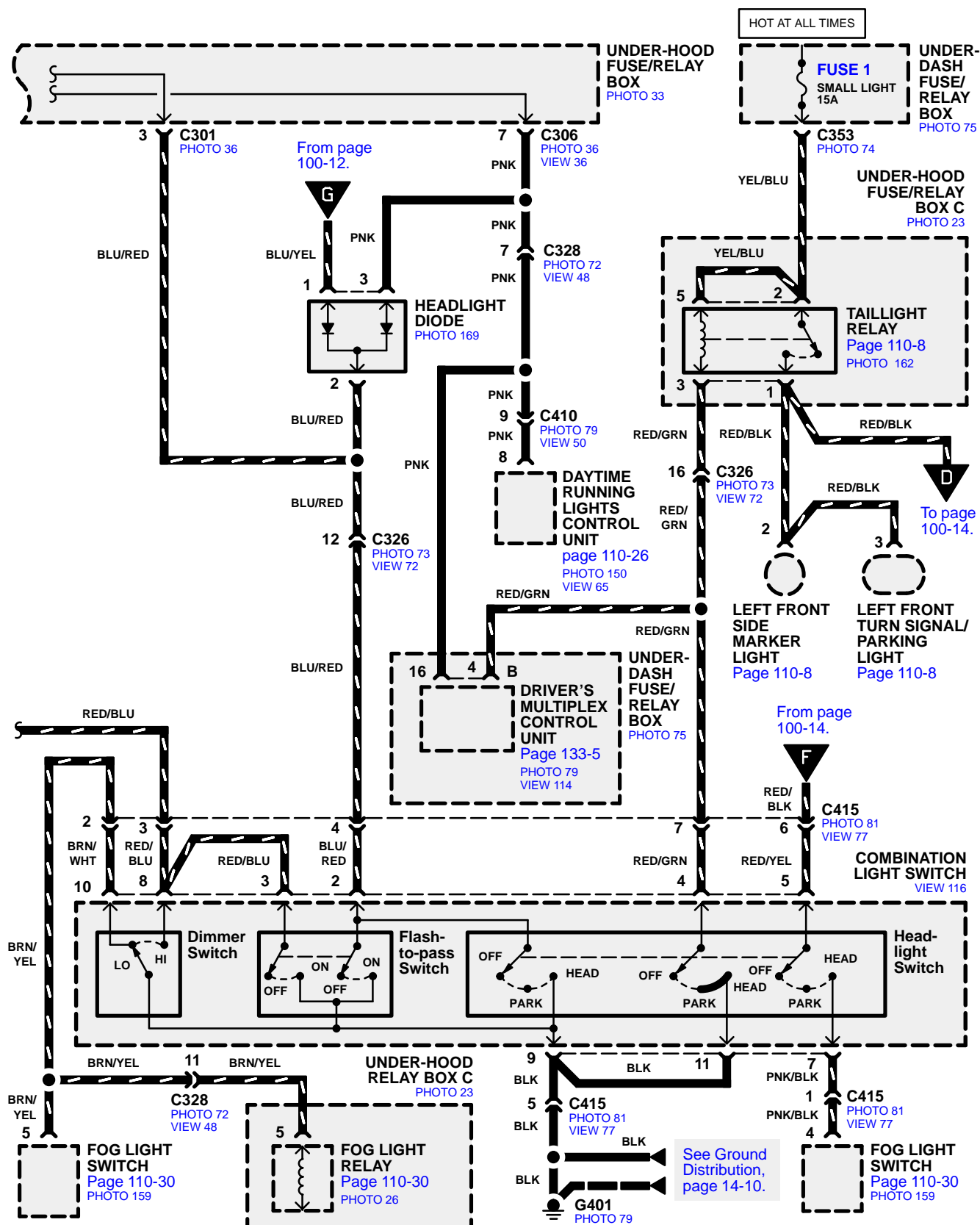
— '00-'04 Canada





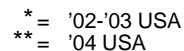
# Headlight Switch

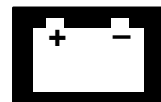
- '00-'04 Canada





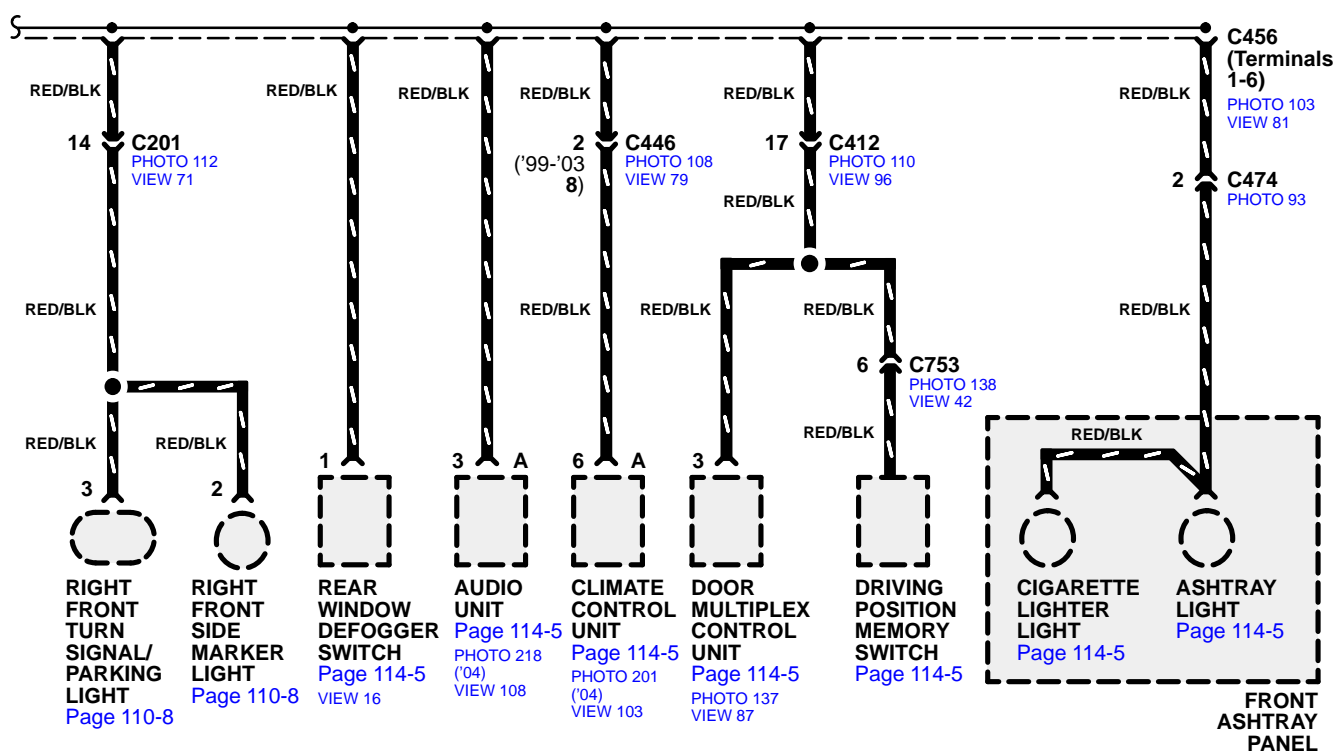
– All '99-'04





# Headlight Switch

– All '99-'04



– All '99-'04

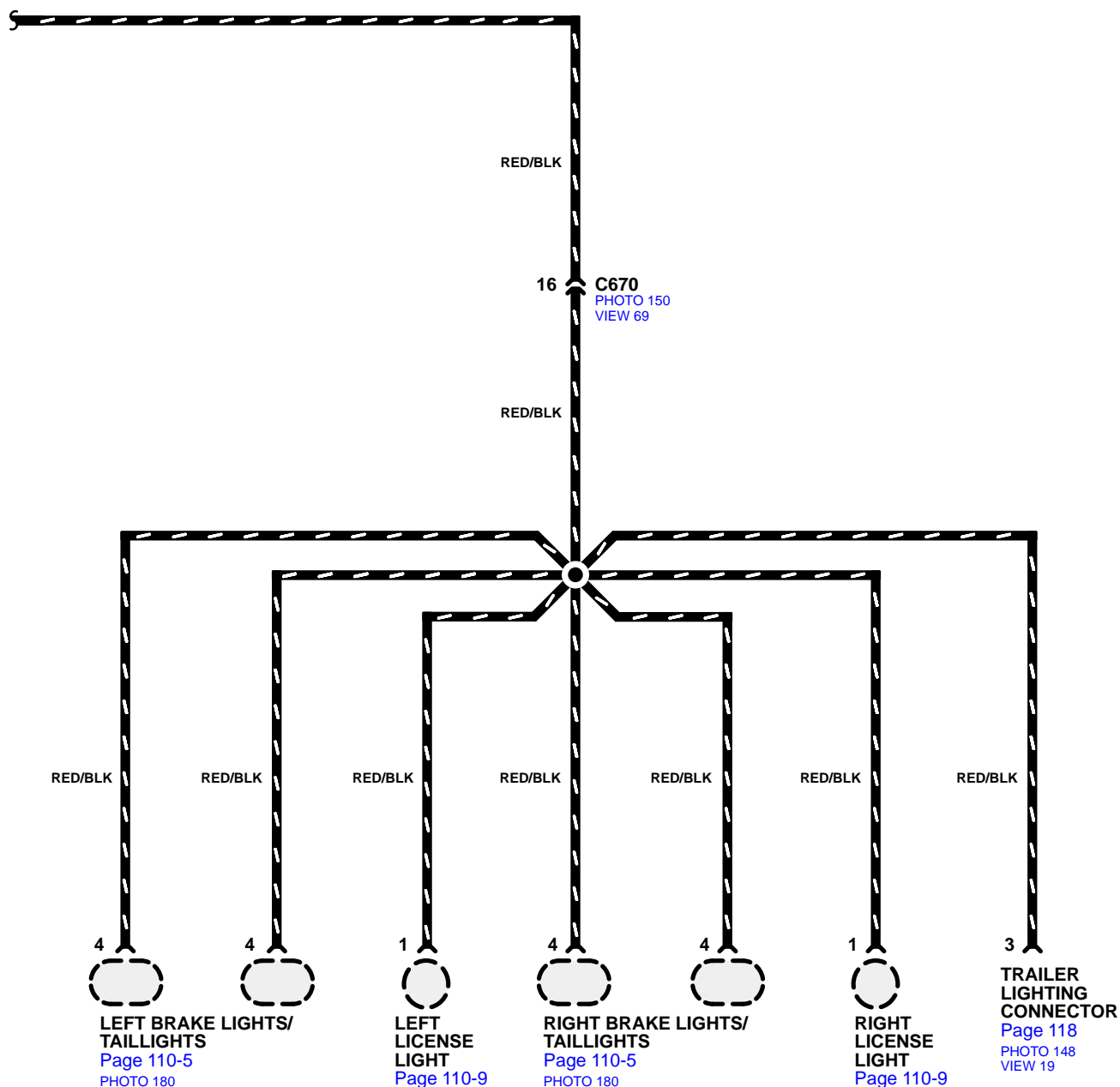




# Headlight Switch

– All '99-'04

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- except '04 Navigation



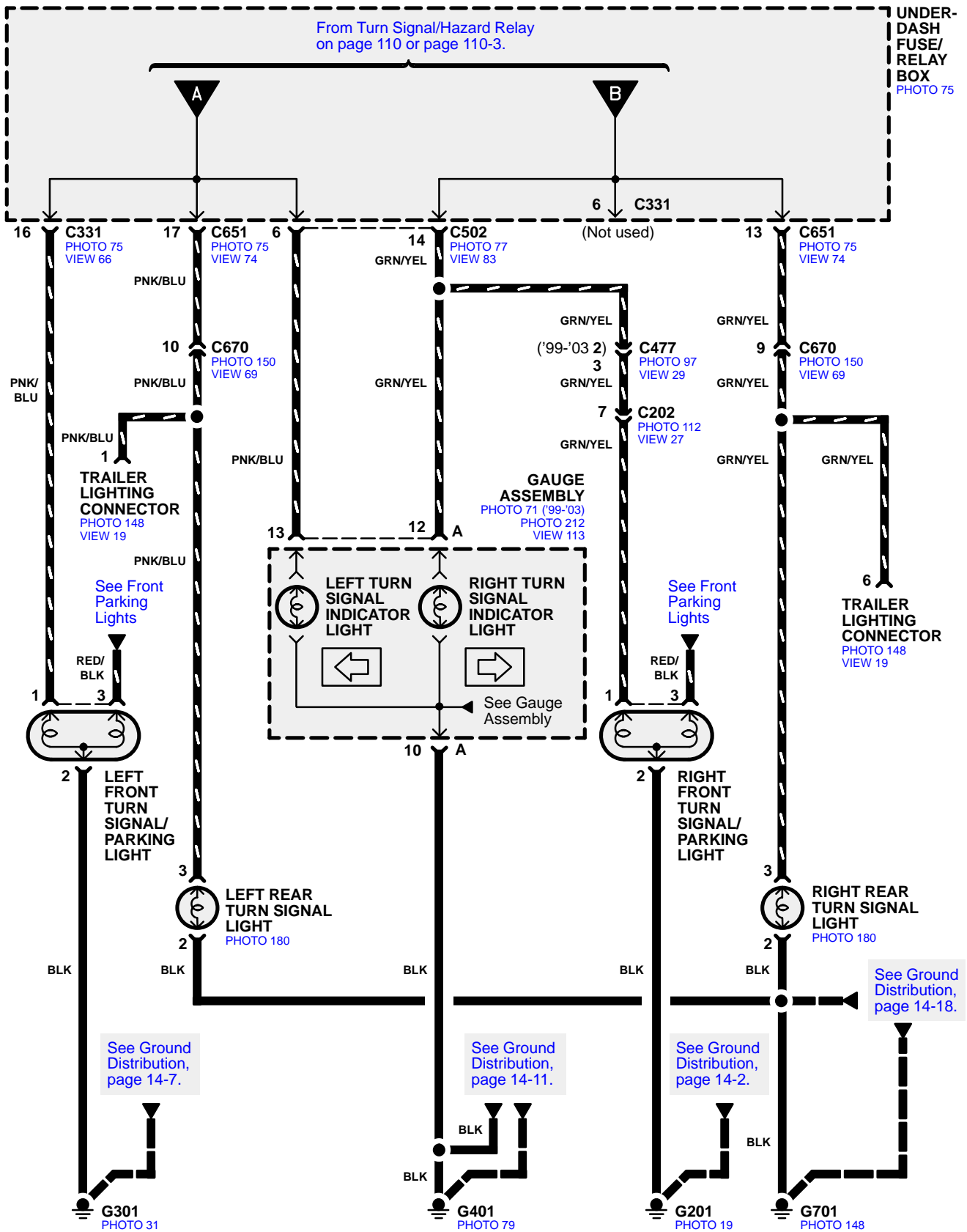


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# Turn Signal and Hazard Warning Lights

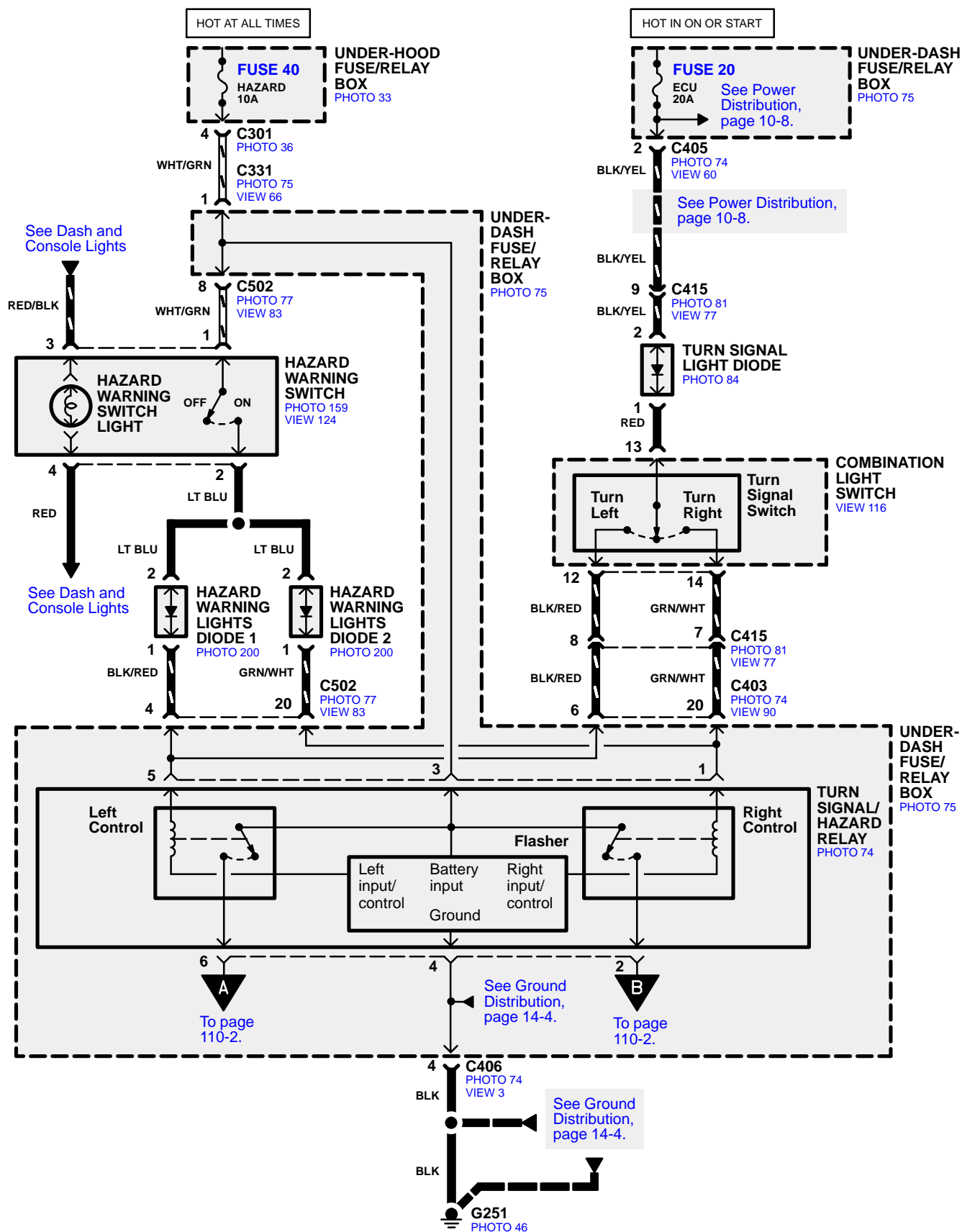
– '99-'04





# Turn Signal and Hazard Warning Lights

– '04 Navigation





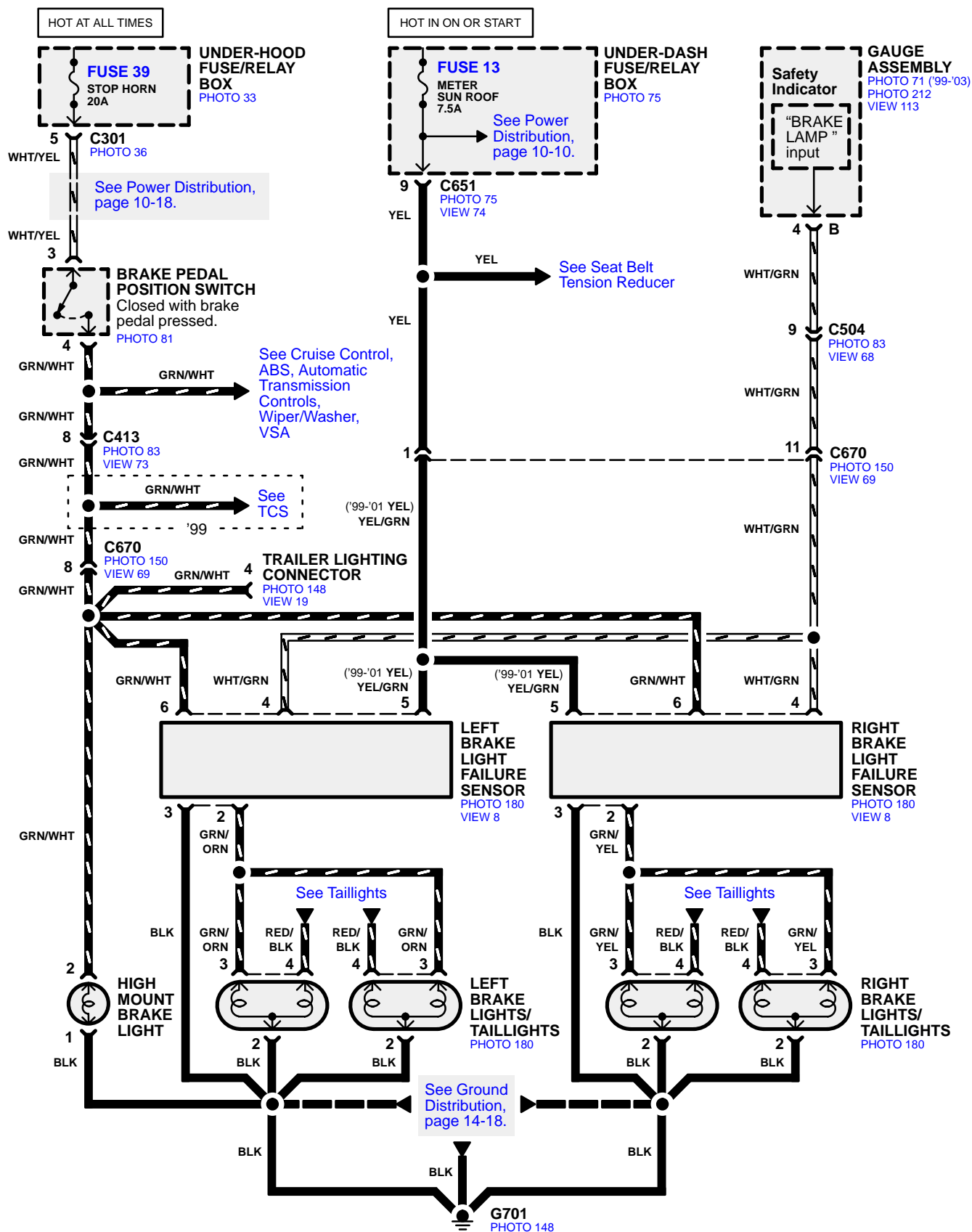
**- '96-'98**

[illegible]



# Brake Lights

– '99-'04

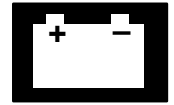


– ‘96-‘98

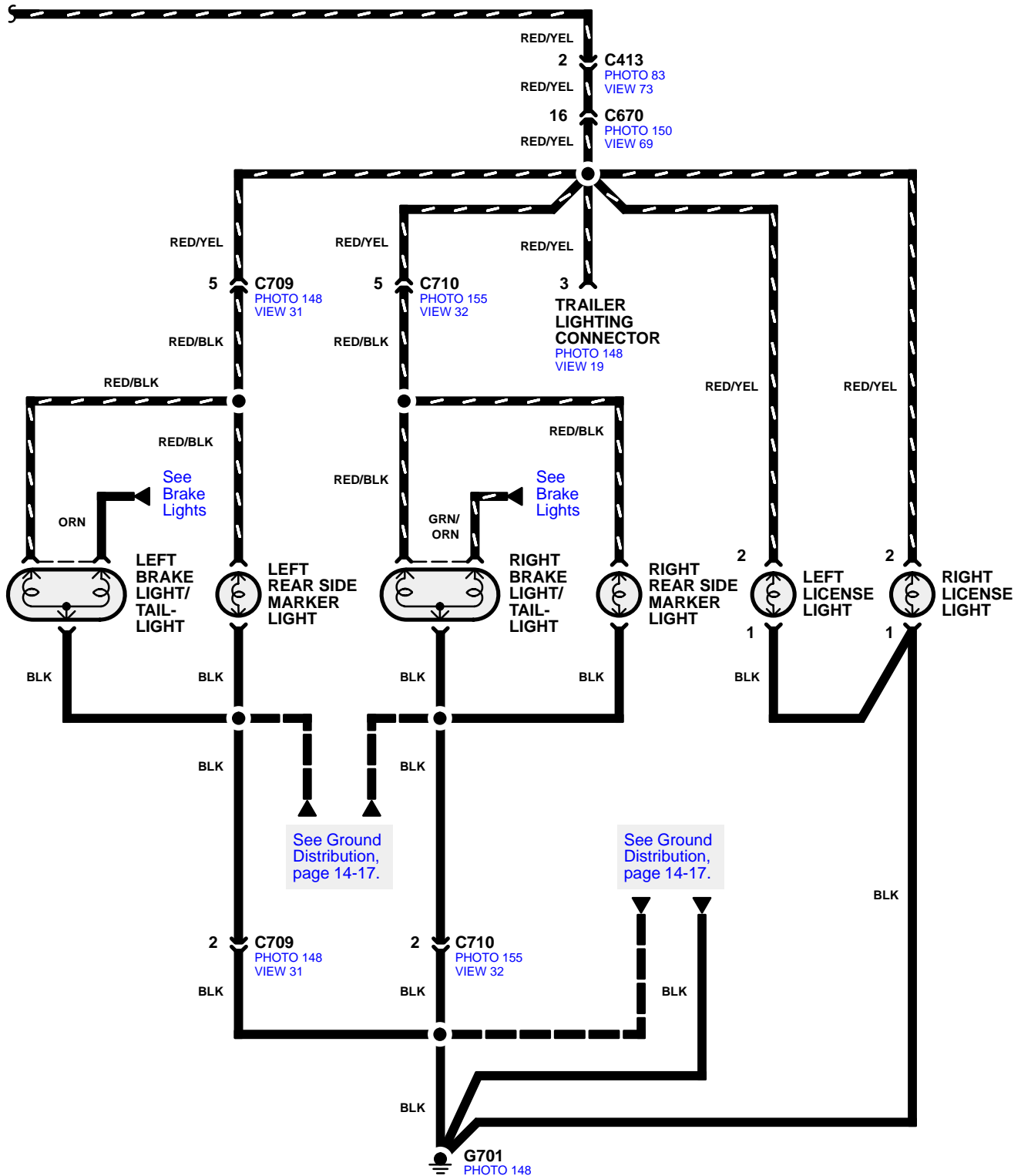


# License, Front Parking, Side Marker Lights, and Taillights

– '96-'98

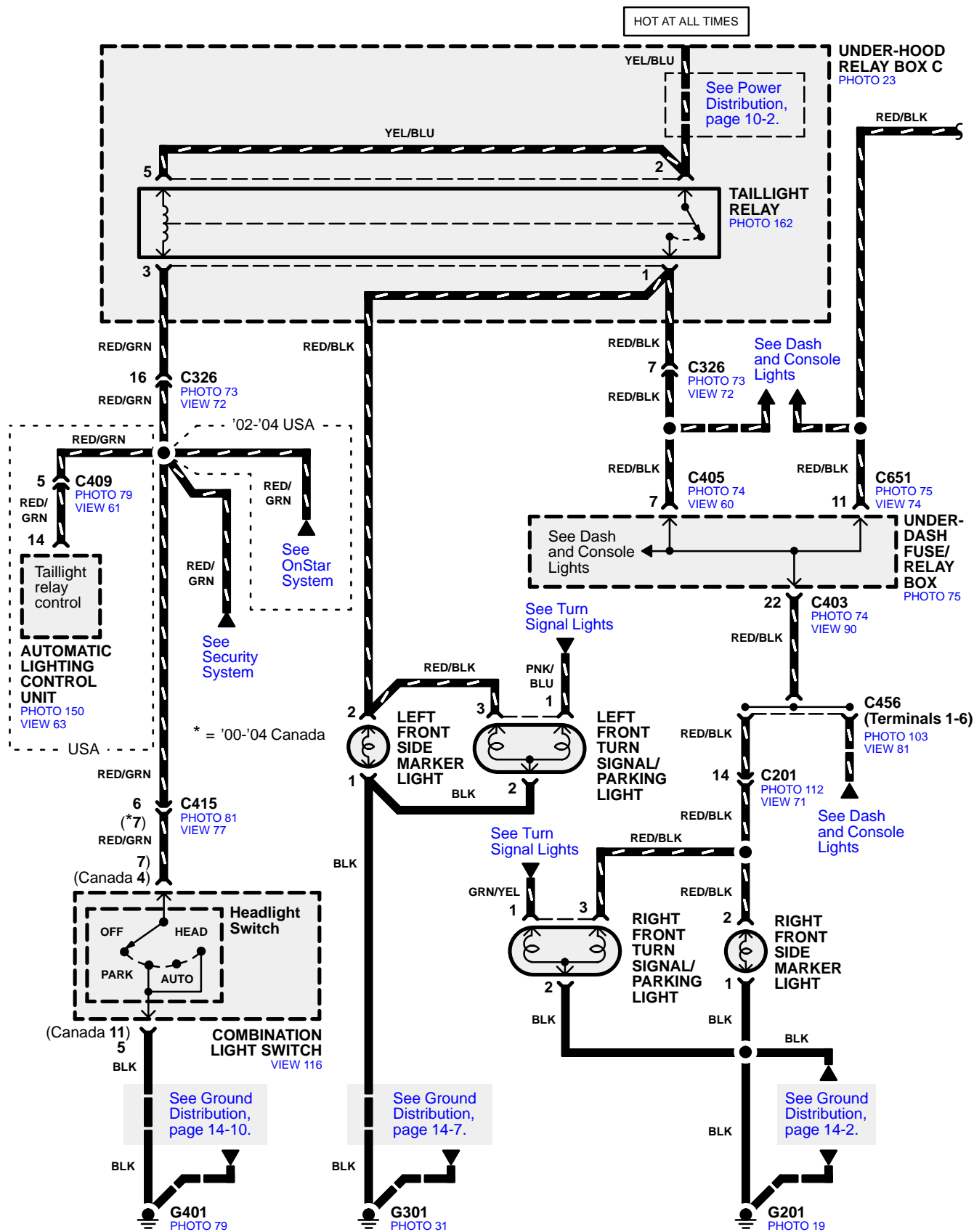


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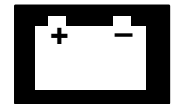
# License, Front Parking, Side Marker Lights, and Taillights

– '99-'04

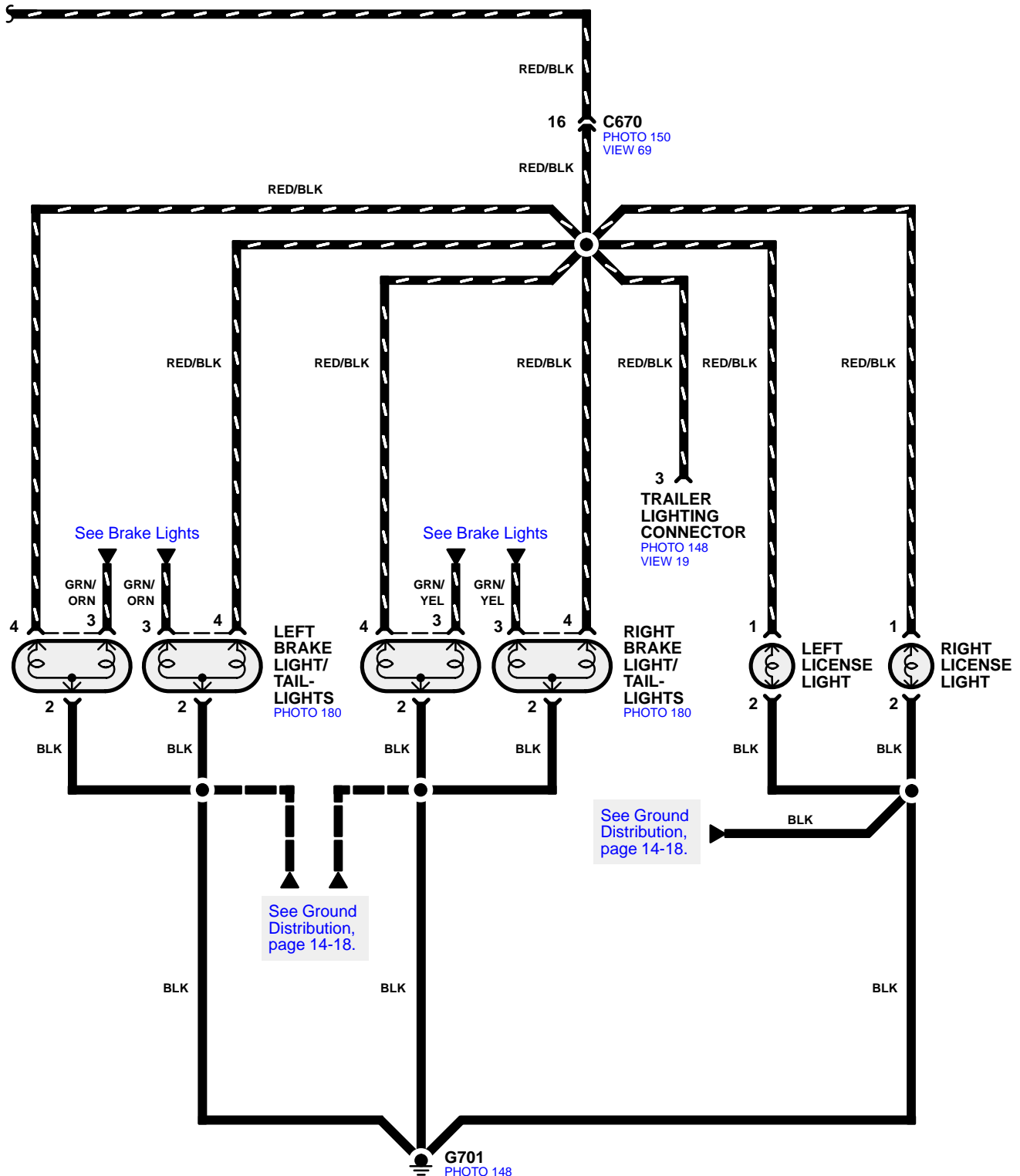


# License, Front Parking, Side Marker Lights, and Taillights

– '99-'04



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– '96-'98 USA

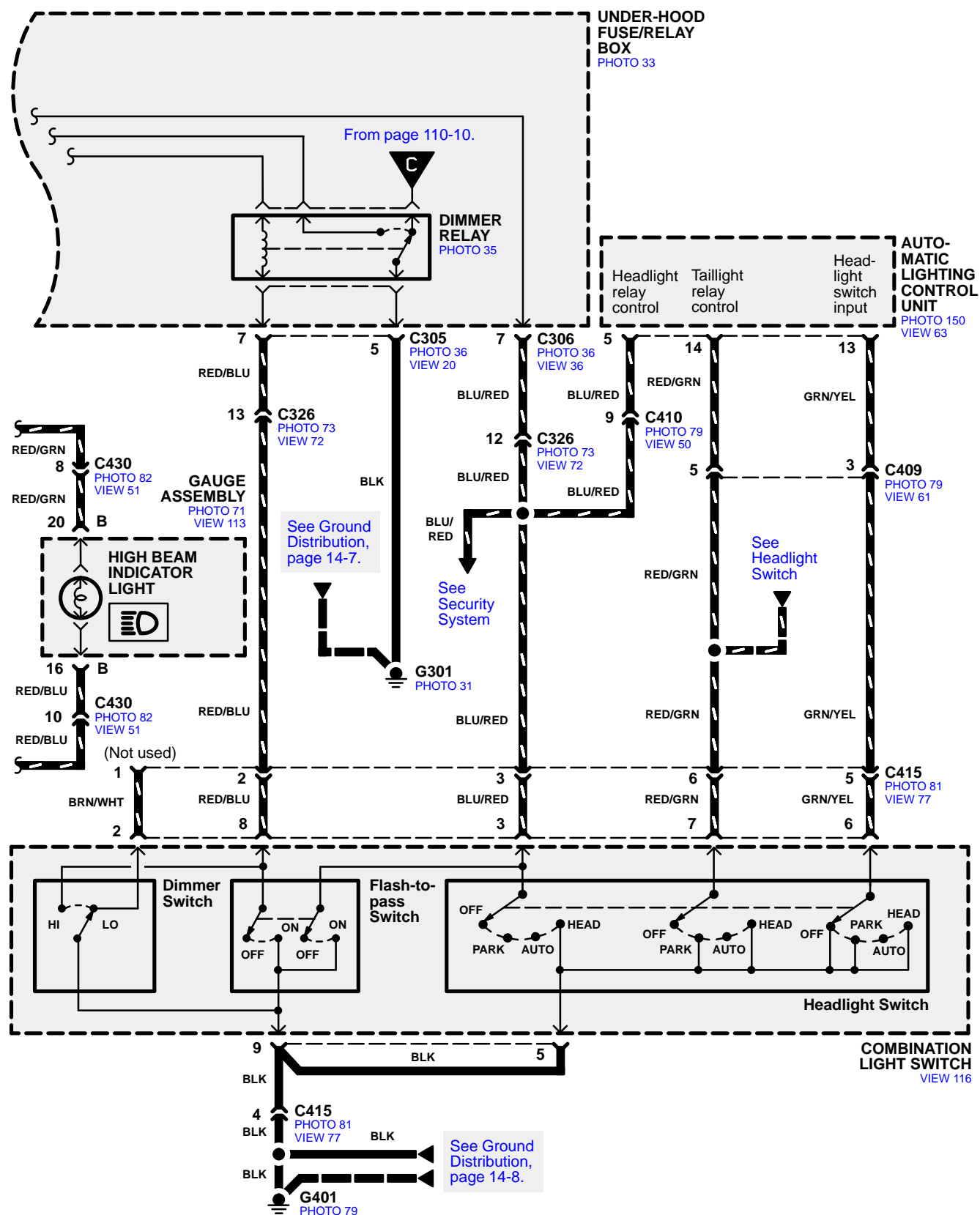




# Headlights and Fog Lights

— '96-'98 USA —

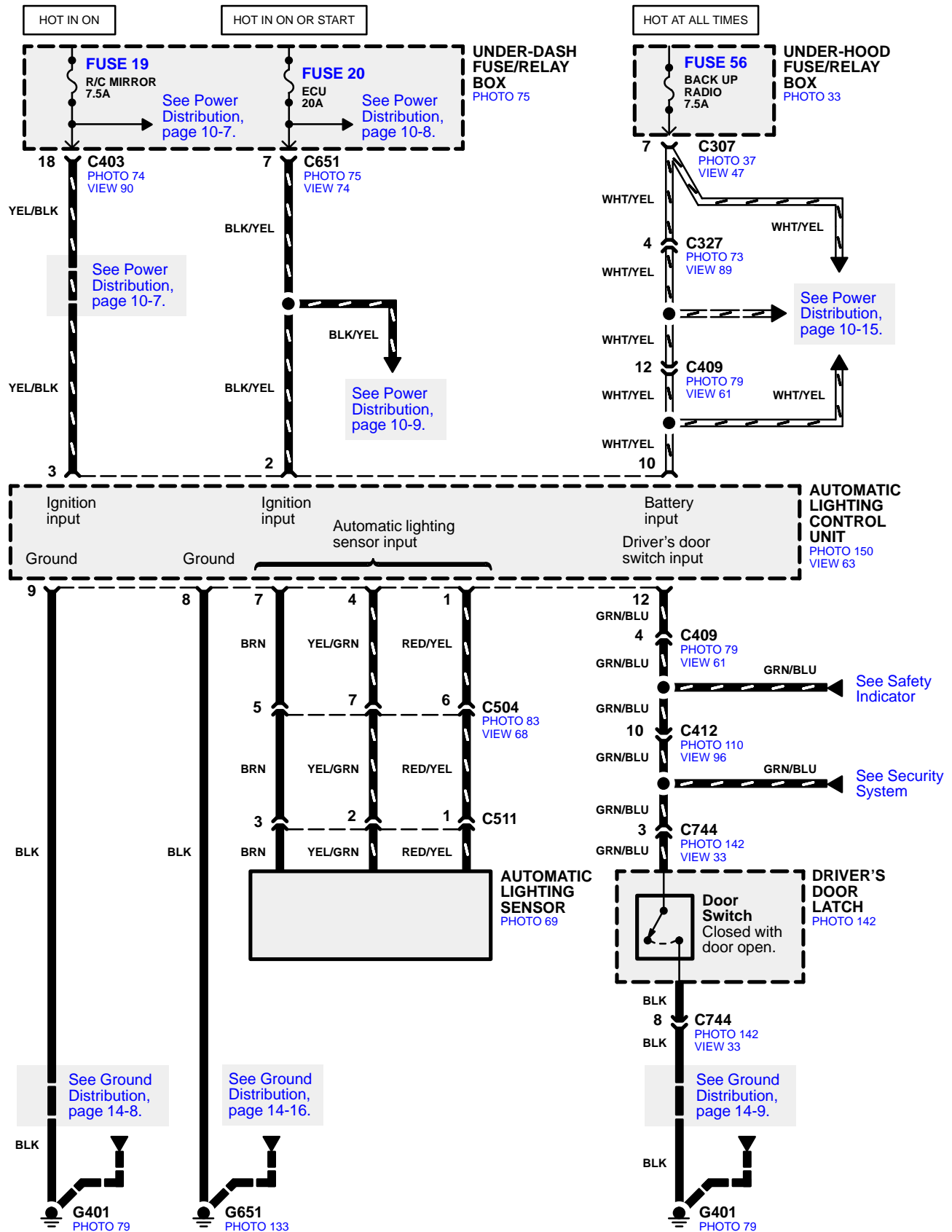
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# Headlights and Fog Lights

– '96-'98 USA





# Headlights and Fog Lights

## – How the Circuit Works

### Low Beams

The headlight relay receives battery voltage at all times. When you turn the headlight switch to the HEAD position with the dimmer switch in LOW, ground is applied through the BLU/RED wire to the coil of the headlight relay. The relay is then energized, applying battery voltage to the left and right high and low beam headlights through fuses 45 and 46. The low beam bulbs come on because the opposite terminal is tied to ground through the dimmer relay. The high beams and indicator remain off because their ground path is interrupted by the deenergized dimmer relay.

### High Beams

When you pull the dimmer switch to HIGH with the low beams already on, ground is applied to the dimmer relay from the dimmer switch. This energizes the dimmer relay, applying ground to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beams go off because their ground path is interrupted by the activated dimmer relay.

### Flash-to-Pass

When you hold the flash-to-pass switch in the ON position, ground is applied through the BLU/RED wire to the coil of the headlight relay and through the RED/BLU wire to the coil of the dimmer relay. This energizes the headlight relay, applying battery voltage to the low and high beam bulbs and to the dimmer relay. As the high beam bulbs receive battery voltage, the dimmer relay is energized, applying ground to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beams go off because their ground path is interrupted by the activated dimmer relay.

### Automatic Lighting

When you move the headlight switch to the AUTO position, the automatic lighting control unit will automatically turn on the headlights.

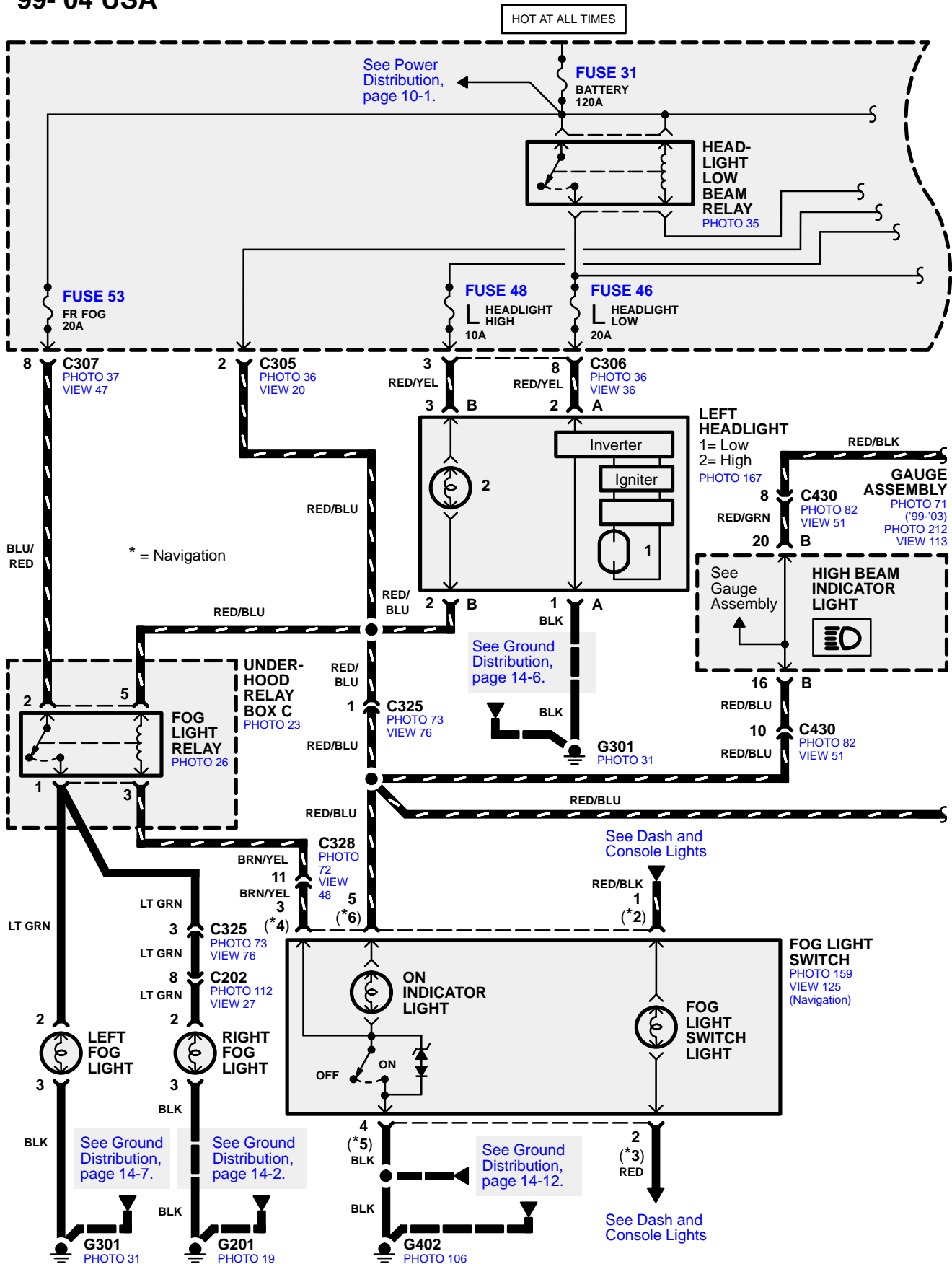
The automatic lighting control unit receives battery voltage through fuse 56 at all times and receives battery voltage through fuse 20 with the ignition switch in ON (II) and START (III). When the ignition switch is turned to ON (II), the automatic lighting control unit receives an "ignition on" signal through fuse 19. When the headlight switch is in the AUTO position with the driver's door closed, and if the automatic lighting sensor detects low ambient light,

the automatic lighting control unit will apply ground to the BLU/RED wire and ground the headlight relay. The relay energizes and causes the high or low beam headlights to come on, depending on the position of the dimmer switch. The headlights will operate as if they had been turned on with the headlight switch. When the driver's door is open, ground is applied to the automatic lighting control unit through the GRN/BLU wire. When the control unit receives this ground signal, it removes ground from the headlight relay and causes the headlights to turn off. The automatic lighting control unit will also turn off the headlights if the ambient light levels rise to daylight conditions or if the headlight switch is moved out of the AUTO position.

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Headlights and Fog Lights

— '99-'04 USA —



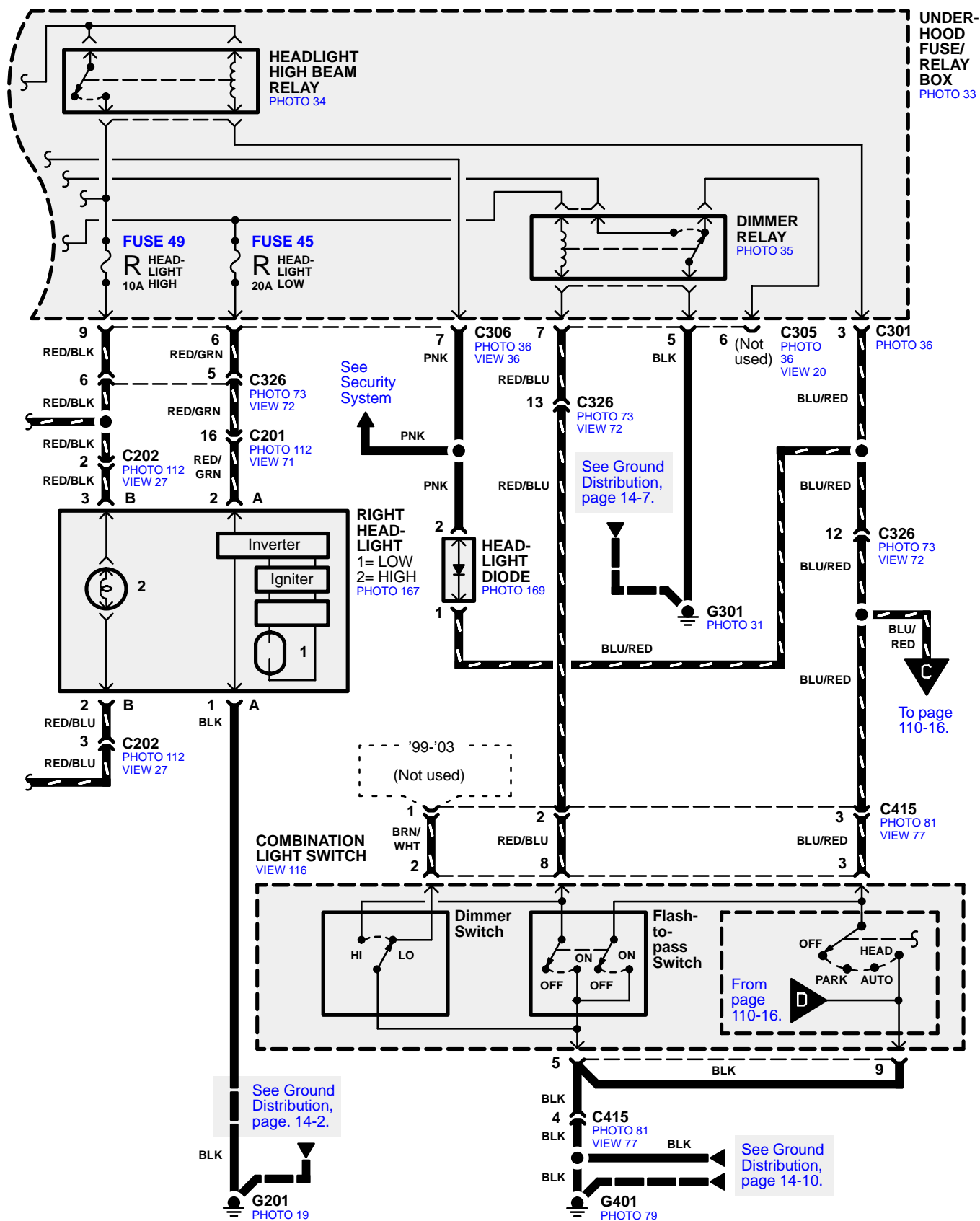
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# Headlights and Fog Lights

– '99-'04 USA

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– ‘99-’04 USA





# Headlights and Fog Lights

## – How the Circuit Works

### WARNING

A transient high tension (25,000 V) occurs at the bulb sockets of the high intensity discharge (HID) lamps when the combination light switch is turned ON. It may cause serious electrical shock or electrocution if you do not observe the cautions below.

### CAUTION

- **Never turn on the combination light switch before fitting the HID bulbs to their bulb sockets and completing the reassembly of the headlight assembly.**
- **Do not service the headlight assembly in wet conditions, such as rain or snow, near a sprinkler system, or when your hands are wet to prevent electrocution.**
- **Do not touch the surface of the HID bulbs with your bare hands and do not stain it with any oils or fats.**
- **Do not disassemble the inverter unit and the igniter unit.**
- **Do not turn on the HID bulb by using a power source other than the battery mounted on the vehicle.**

### Low Beams

The headlight low beam and high beam relays receive battery voltage at all times. When you turn the headlight switch to the HEAD position with the dimmer switch in LOW, ground is applied through the BLU/RED wire and lighting diode to the coils of the headlight low beam and high beam relays. The relays are then energized, applying battery voltage to the left and right low and high beam headlights through fuses 45, 46 and 48, 49 respectively. The low beam bulbs come on because they are individually grounded by G301 and G201. The high beams and indicator remain off because their ground path is interrupted by the deenergized dimmer relay.

### High Beams

When you pull the dimmer switch to HIGH with the low beams already on, ground is applied to the dimmer relay from the dimmer switch. This energizes the dimmer relay, applying ground to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low

beams go off because their ground path is interrupted by the activated dimmer relay.

### Flash-to-Pass

When you hold the flash-to-pass switch in the ON position, ground is applied through the BLU/RED wire and lighting diode to the coils of the headlight low beam and high beam relays and through the RED/BLU wire to the coil of the dimmer relay. This energizes the headlight low beam and high beam relays, applying battery voltage to the low and high beam bulbs and to the dimmer relay. As the high beam bulbs receive battery voltage, the dimmer relay is energized, applying ground to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beams go off because their ground path is interrupted by the activated dimmer relay.

### Automatic Lighting

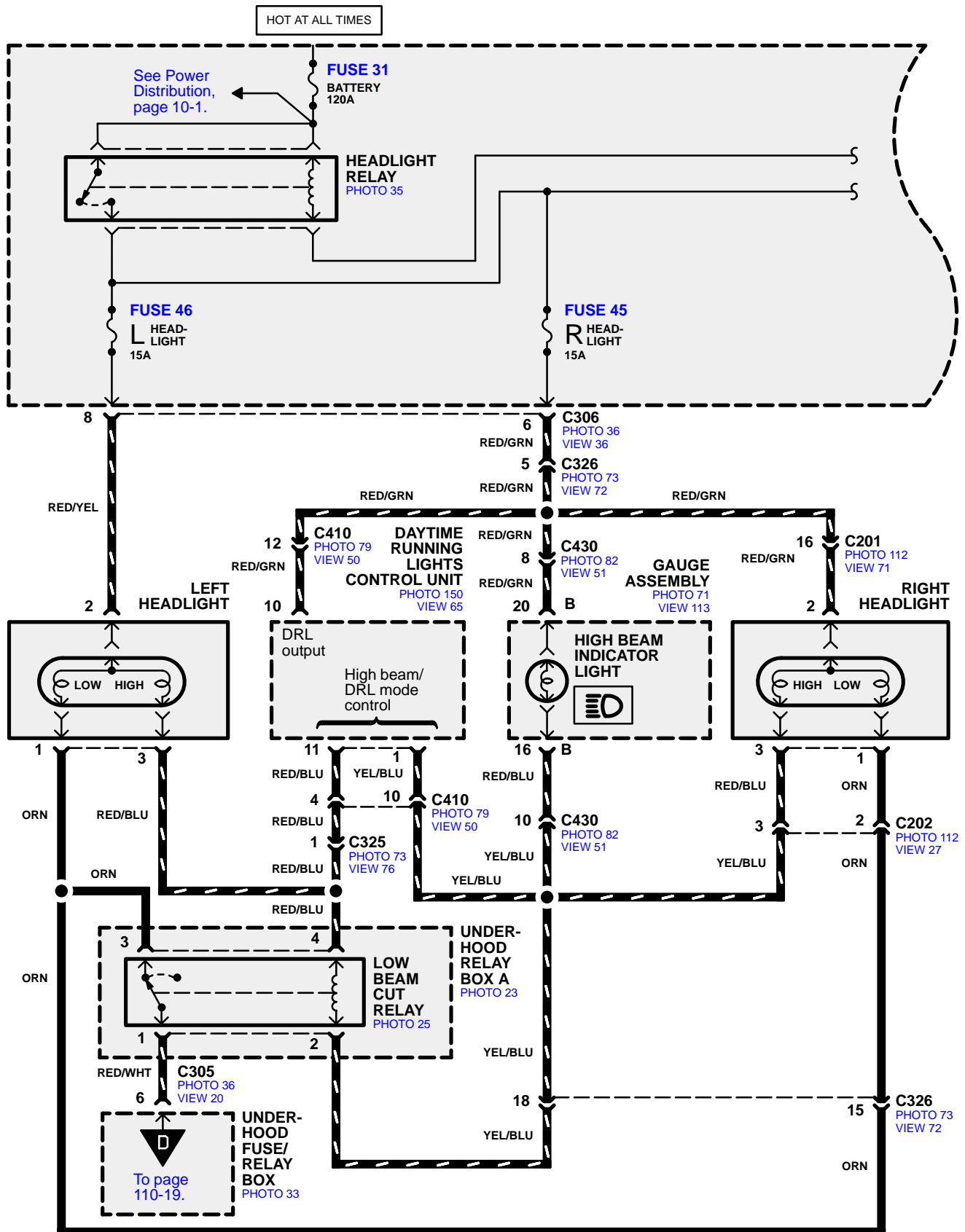
When you move the headlight switch to the AUTO position, the automatic lighting control unit will automatically turn on the headlights.

The automatic lighting control unit receives battery voltage through fuse 56 at all times and receives battery voltage through fuse 20 with the ignition switch in ON (II) and START (III). When the ignition switch is turned to ON (II), the automatic lighting control unit receives an "ignition on" signal through fuse 19. When the headlight switch is in the AUTO position with the driver's door closed, and if the automatic lighting sensor detects low ambient light, the automatic lighting control unit will apply ground to the BLU/RED wire and lighting diode and ground the headlight low beam and high beam relays. The relays energize and cause the high or low beam headlights to come on, depending on the position of the dimmer switch. The headlights will operate as if they had been turned on with the headlight switch. When the driver's door is open, ground is applied to the automatic lighting control unit through the GRN/BLU wire. When the control unit receives this ground signal, it removes ground from the headlight relay and causes the headlights to turn off. The automatic lighting control unit will also turn off the headlights if the ambient light levels rise to daylight conditions or if the headlight switch is moved out of the AUTO position.

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Headlights

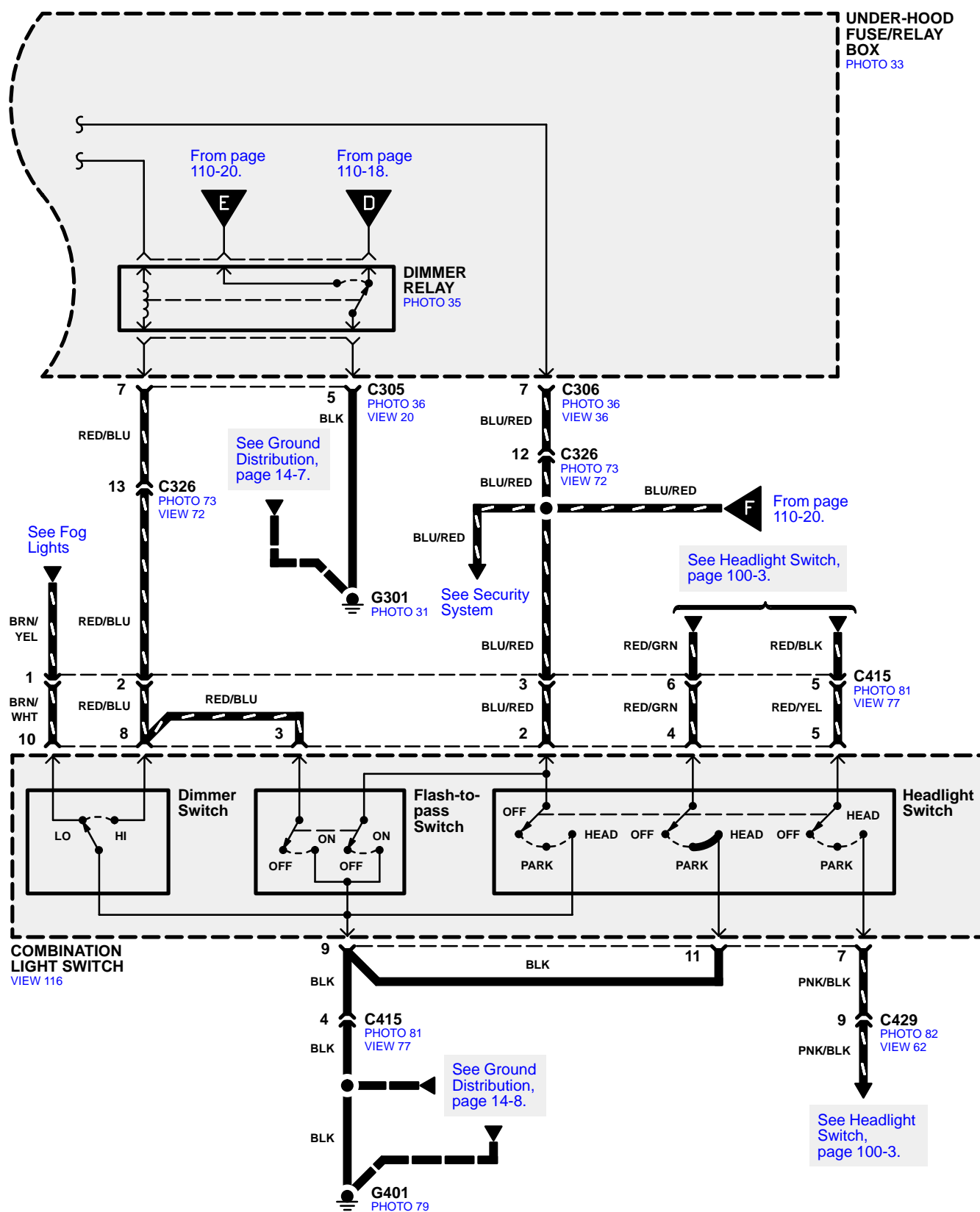
– '96-'98 Canada





# Headlights

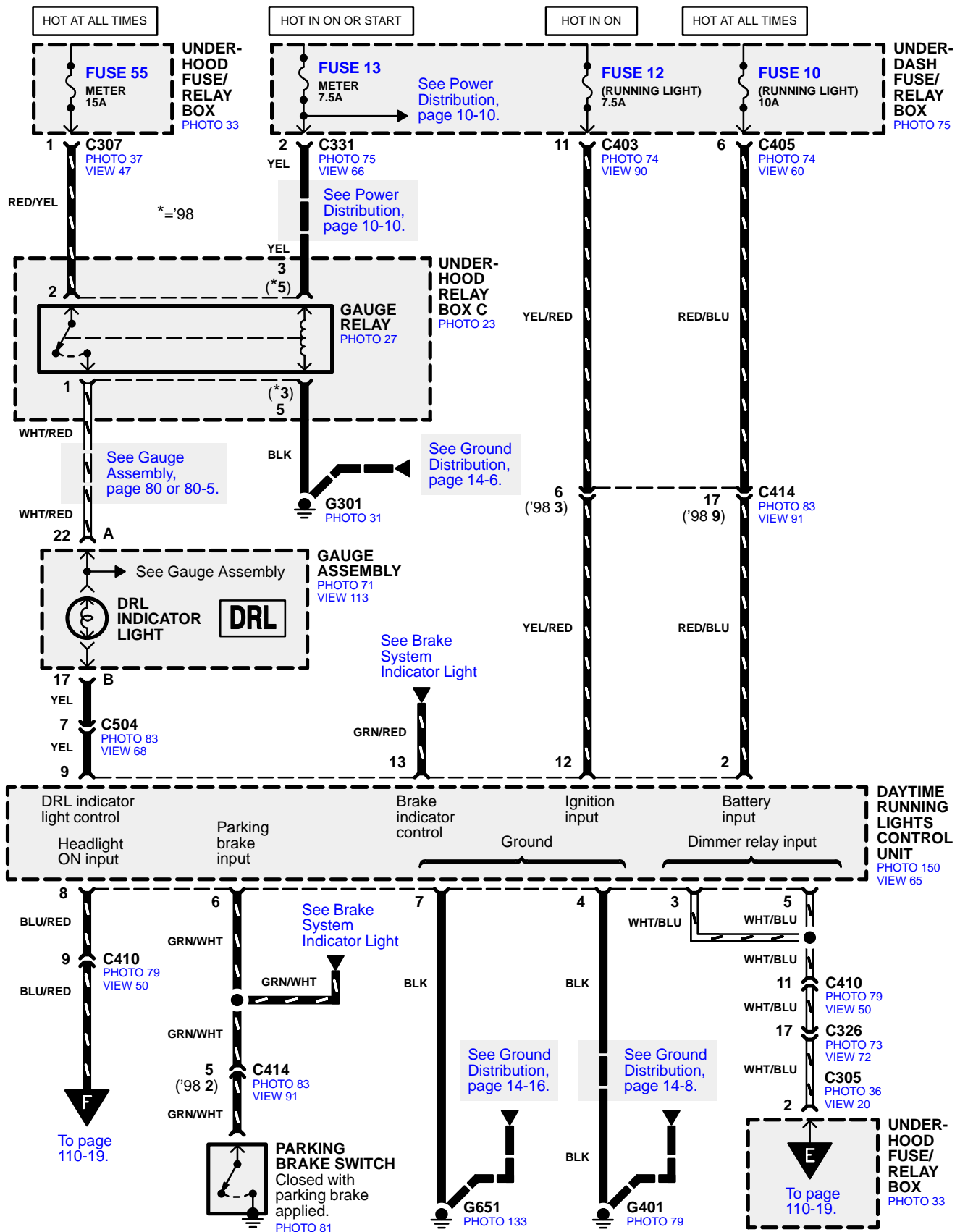
– '96-'98 Canada

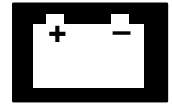




# Headlights

– '96-'98 Canada





# Headlights

## – How the Circuit Works

### Daytime Running Lights

When you turn the ignition switch to ON (II) with the parking brake released, the daytime running lights control unit supplies about 6 volts to the RED/GRN wire (cavity 10), about 12 volts to the YEL/BLU wire (cavity 1), and ground to the RED/BLU wire (cavity 11). This provides about 6 volts to both high beam headlights, causing them to come on at reduced brightness. At the same time, about 12 volts energizes the coil of the low beam cut relay, removing the ground path to the low beams. If you apply the parking brake, ground is applied to the daytime running lights control unit at the GRN/WHT wire. If the parking brake is applied before you turn the ignition switch to ON (II), the daytime mode will remain off until you release the parking brake. Once the high beams are in the daytime mode, applying the parking brake will not turn them off. When you switch to low beam, high beam, or flash-to-pass operation, ground is applied to the daytime running lights control unit through the BLU/RED wire, and the control unit then turns off the daytime running lights mode.

### Low Beams

The headlight relay receives battery voltage at all times. When you turn the headlight switch to the HEAD position with the dimmer switch in LOW, ground is applied through the BLU/RED wire to the coil of the headlight relay. This energizes the relay, applying battery voltage to the left and right low beam headlights through fuses 45 and 46. The low beam bulbs come on because the opposite terminal is tied to ground through the low beam cut relay and dimmer relay.

### High Beams

When you pull the dimmer switch to HIGH with the low beams already on, ground is applied to the dimmer relay from the dimmer switch. This energizes the dimmer relay, applying ground through the WHT/BLU wires to the daytime running lights control unit. The control unit applies ground through the RED/BLU (cavity 11) and YEL/BLU (cavity 1) wires to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beam headlights go off because their ground path is interrupted by the activated dimmer relay.

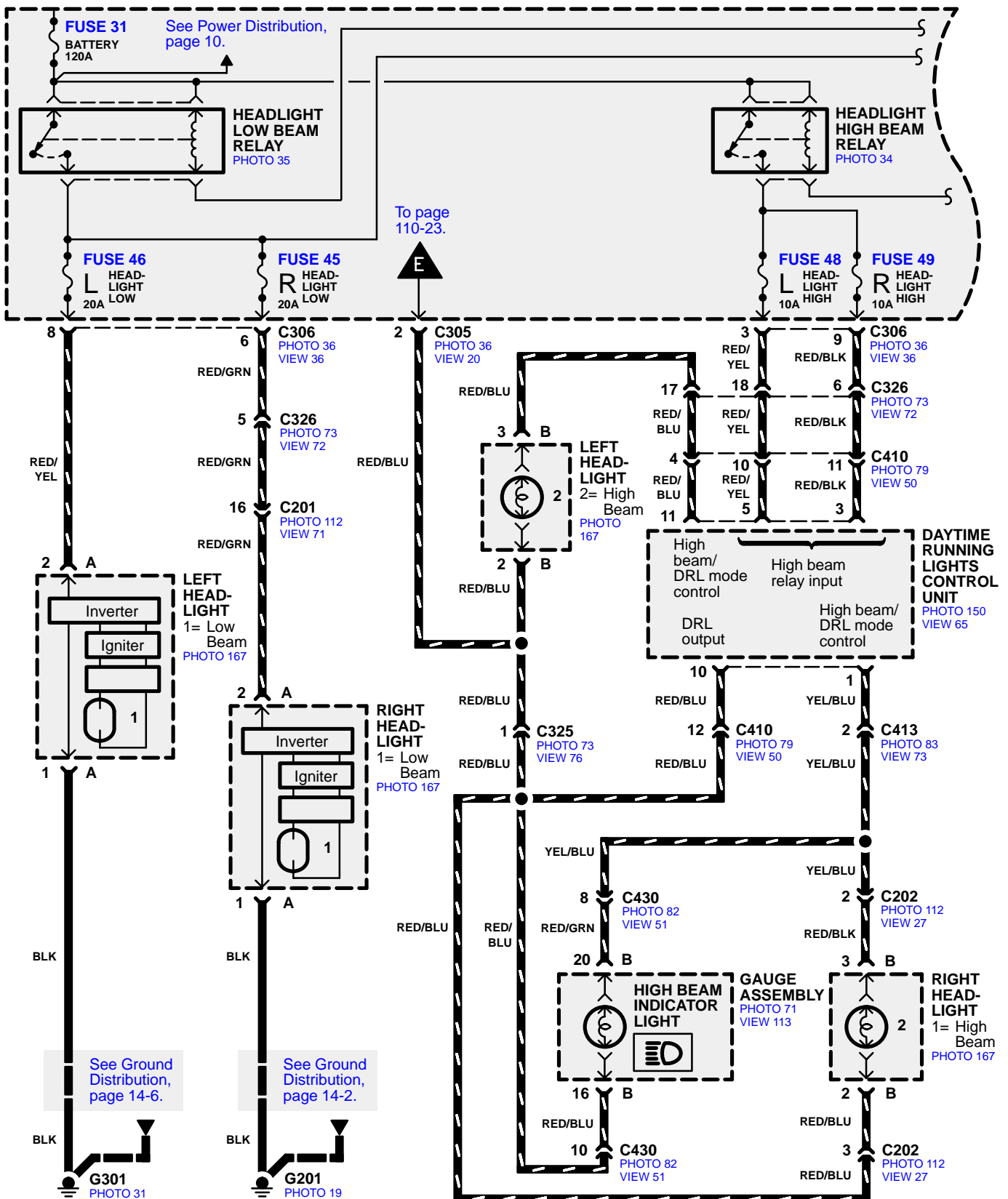
### Flash-to-Pass

When you hold the flash-to-pass switch in the ON position, ground is applied through the BLU/RED wire to the coil of the headlight relay and through the RED/BLU wire to the coil of the dimmer relay. This energizes the headlight relay, applying battery voltage to the low and high beam bulbs and to the dimmer relay. As the high beam bulbs receive battery voltage, the dimmer relay is energized, applying ground through the WHT/BLU wires to the daytime running lights control unit. The control unit applies ground through the RED/BLU (cavity 11) and YEL/BLU (cavity 1) wires to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beams go off because their ground path is interrupted by the activated dimmer relay.

# Headlights

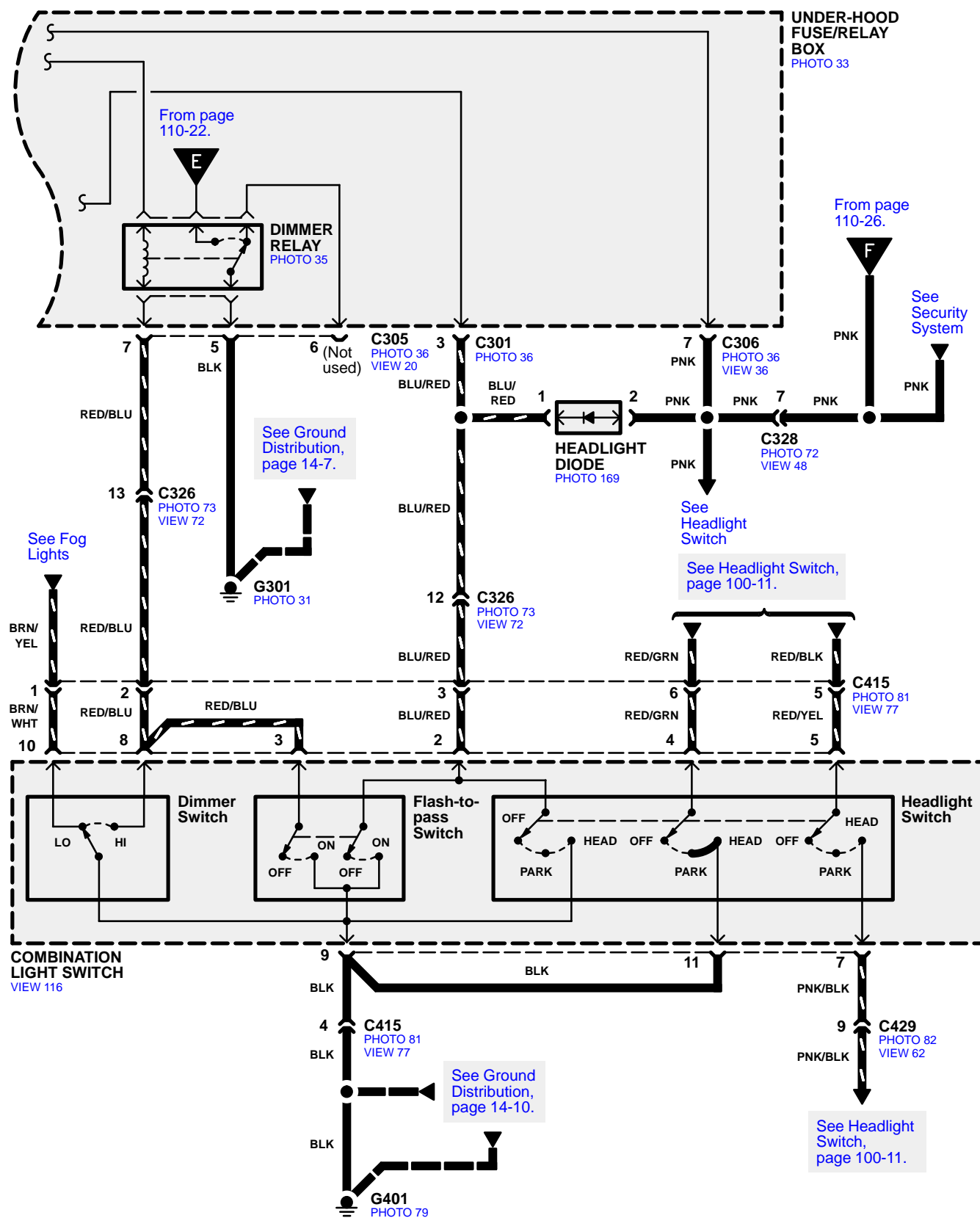
– '99 Canada

HOT AT ALL TIMES



## Headlights

– ‘99 Canada



– ‘00-’04 Canada

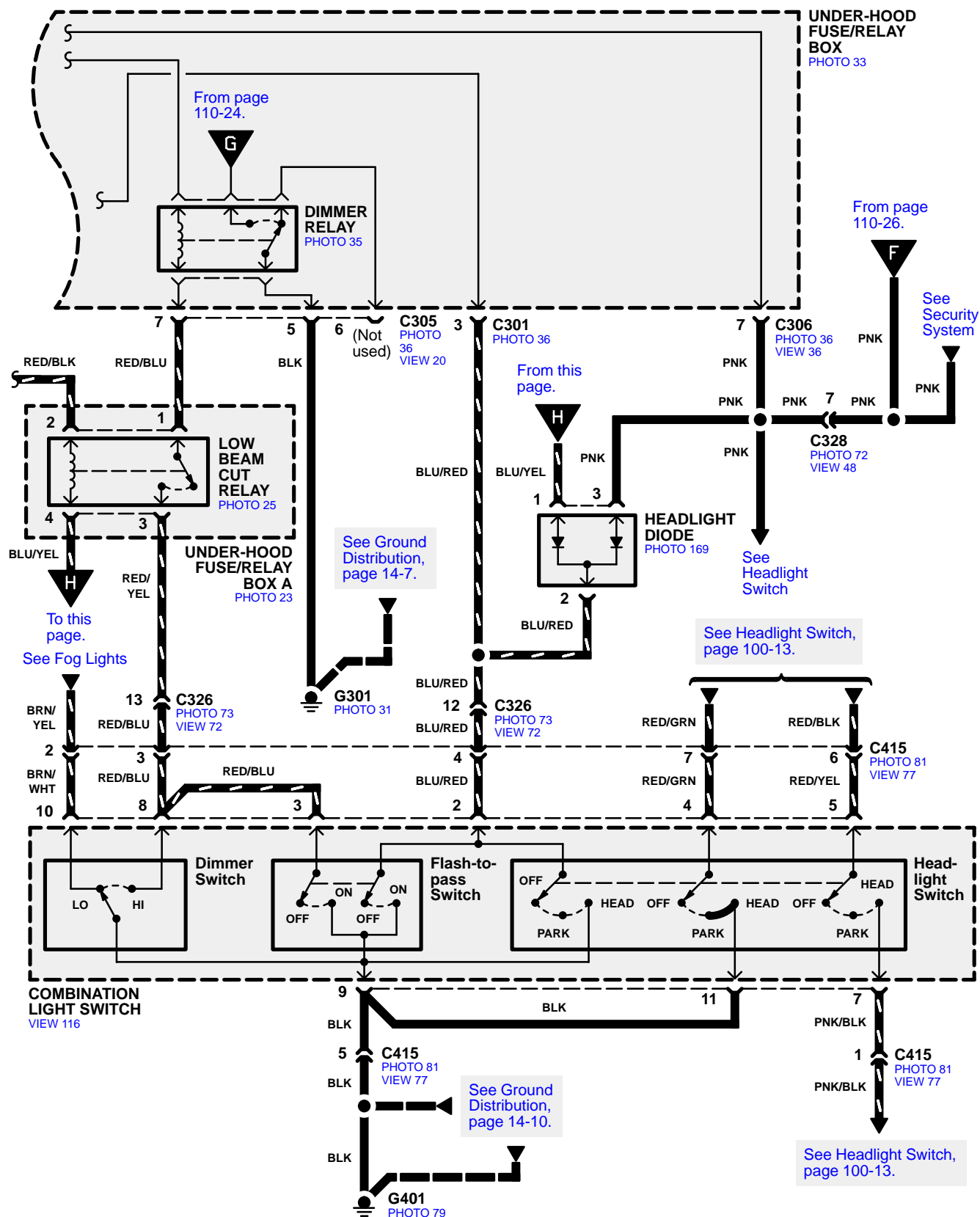
See Power Distribution,  
page 10.





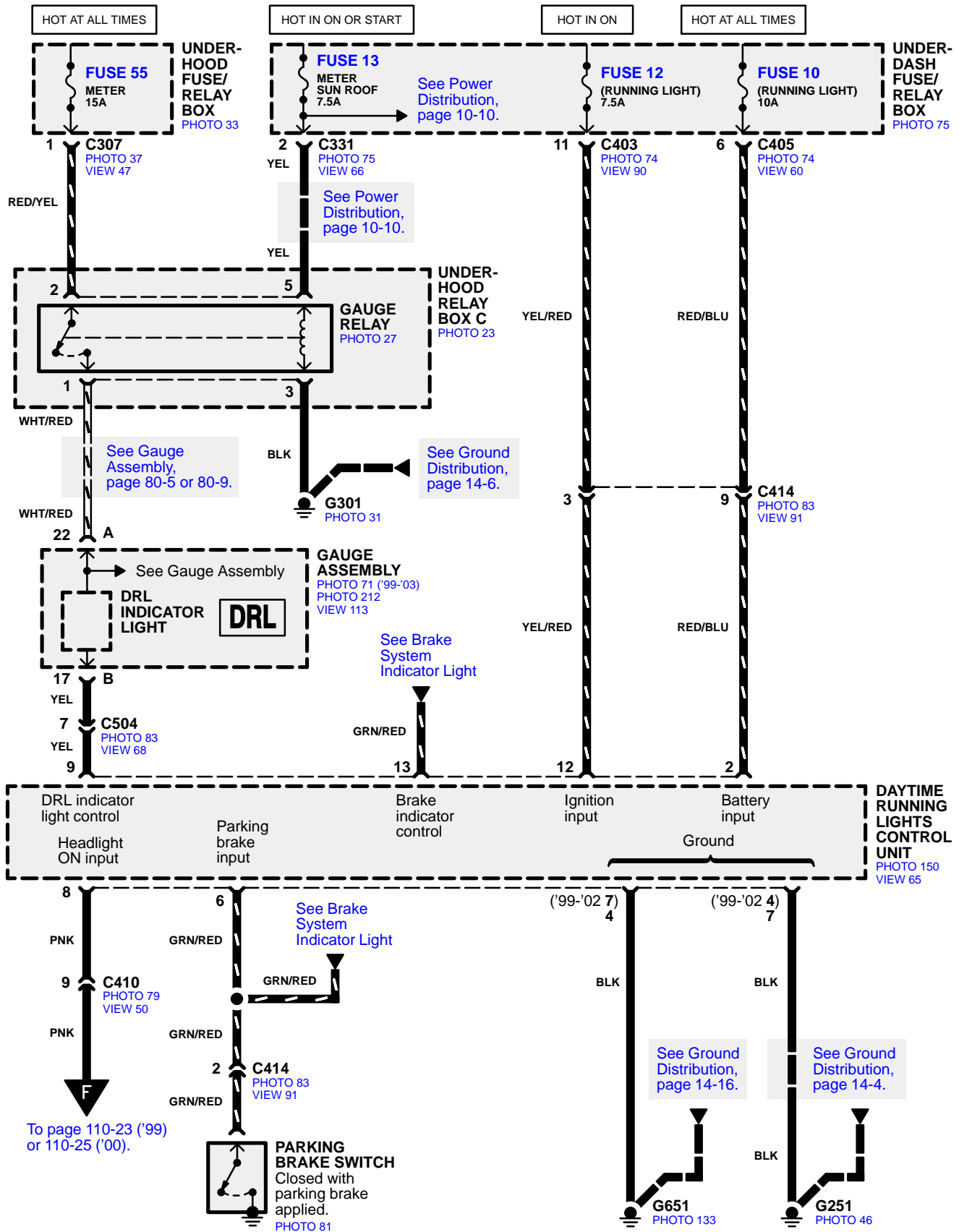
# Headlights

- '00-'04 Canada



# Headlights

– '99-'04 Canada





# Headlights

## – How the Circuit Works

### WARNING

A transient high tension (25,000 V) occurs at the bulb sockets of the high intensity discharge (HID) lamps when the combination light switch is turned ON. It may cause serious electrical shock or electrocution if you do not observe the cautions below.

### CAUTION

- Never turn on the combination light switch before fitting the HID bulbs to their bulb sockets and completing the reassembly of the headlight assembly.
- Do not service the headlight assembly in wet conditions, such as rain or snow, near a sprinkler system, or when your hands are wet to prevent electrocution.
- Do not touch the surface of the HID bulbs with your bare hands and do not stain it with any oils or fats.
- Do not disassemble the inverter unit and the igniter unit.
- Do not turn on the HID bulb by using a power source other than the battery mounted on the vehicle.

### Daytime Running Lights

When you turn the ignition switch to ON (II) with the parking brake released, the daytime running lights control unit supplies about 6 volts to the RED/BLU wire (cavity 10), about 12 volts to the YEL/BLU wire (cavity 1), and ground to the RED/BLU wire (cavity 11). This provides about 6 volts to both high beam headlights, causing them to come on at reduced brightness. If you apply the parking brake, ground is applied to the daytime running lights control unit at the GRN/WHT wire. If the parking brake is applied before you turn the ignition switch to ON (II), the daytime mode will remain off until you release the parking brake. Once the high beams are in the daytime mode, applying the parking brake will not turn them off. When you switch to low beam, high beam, or flash-to-pass operation, ground is applied to the daytime running lights control unit through the PNK wire, and the control unit then turns off the daytime running lights mode.

### Low Beams

The headlight low beam and high beam relays receive battery voltage at all times. When you turn the headlight switch to the HEAD position with the dimmer switch in LOW, ground is applied through the BLU/RED wire and lighting diode to the coils of the headlight low beam and high beam relays. This energizes the relays, applying battery voltage to the left and right low beam headlights through fuses 46 and 45, which are grounded by G301 and G201 respectively.

### High Beams

When you pull the dimmer switch to HIGH with the low beams already on, ground is applied to the dimmer relay from the dimmer switch. This energizes the dimmer relay, applying ground through the RED/BLU wire to the daytime running lights control unit (cavity 10). The control unit applies voltage to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beam headlights go off because their ground path is interrupted by the activated dimmer relay.

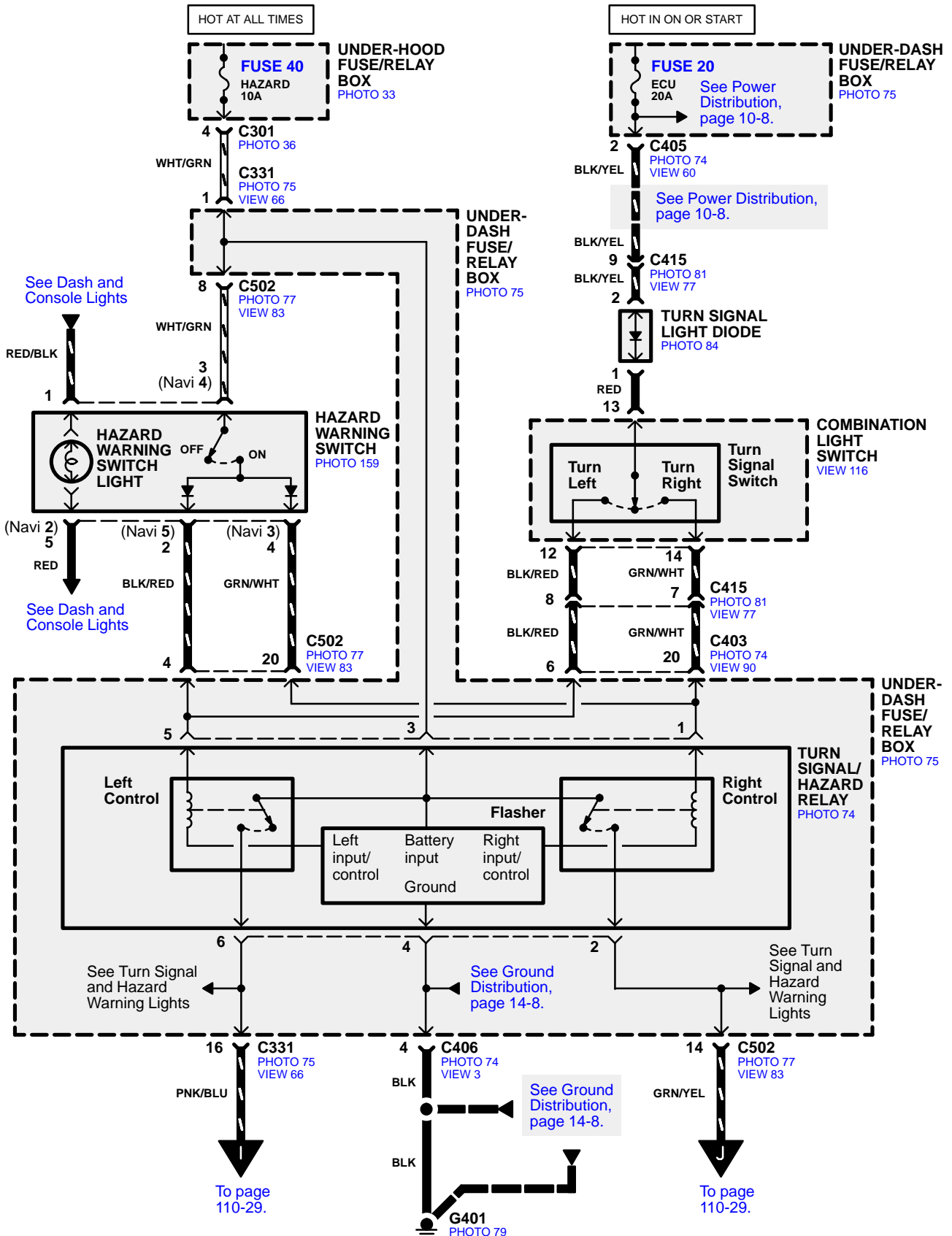
### Flash-to-Pass

When you hold the flash-to-pass switch in the ON position, ground is applied through the BLU/RED wire and the lighting diode to the coils of the headlight low beam and high beam relays and through the RED/BLU wire to the coil of the dimmer relay. This energizes the headlight low beam and high beam relays, applying battery voltage to the low beam bulbs and the daytime running lights control unit, and to the dimmer relay. The dimmer relay is energized, applying ground through the RED/BLU wire to the daytime running lights control unit. The control unit applies voltage to the high beam bulbs and high beam indicator, which turns on the high beams and indicator light. The low beams go off because their ground path is interrupted by the activated dimmer relay.




# Cornering Lights

– '96-'98



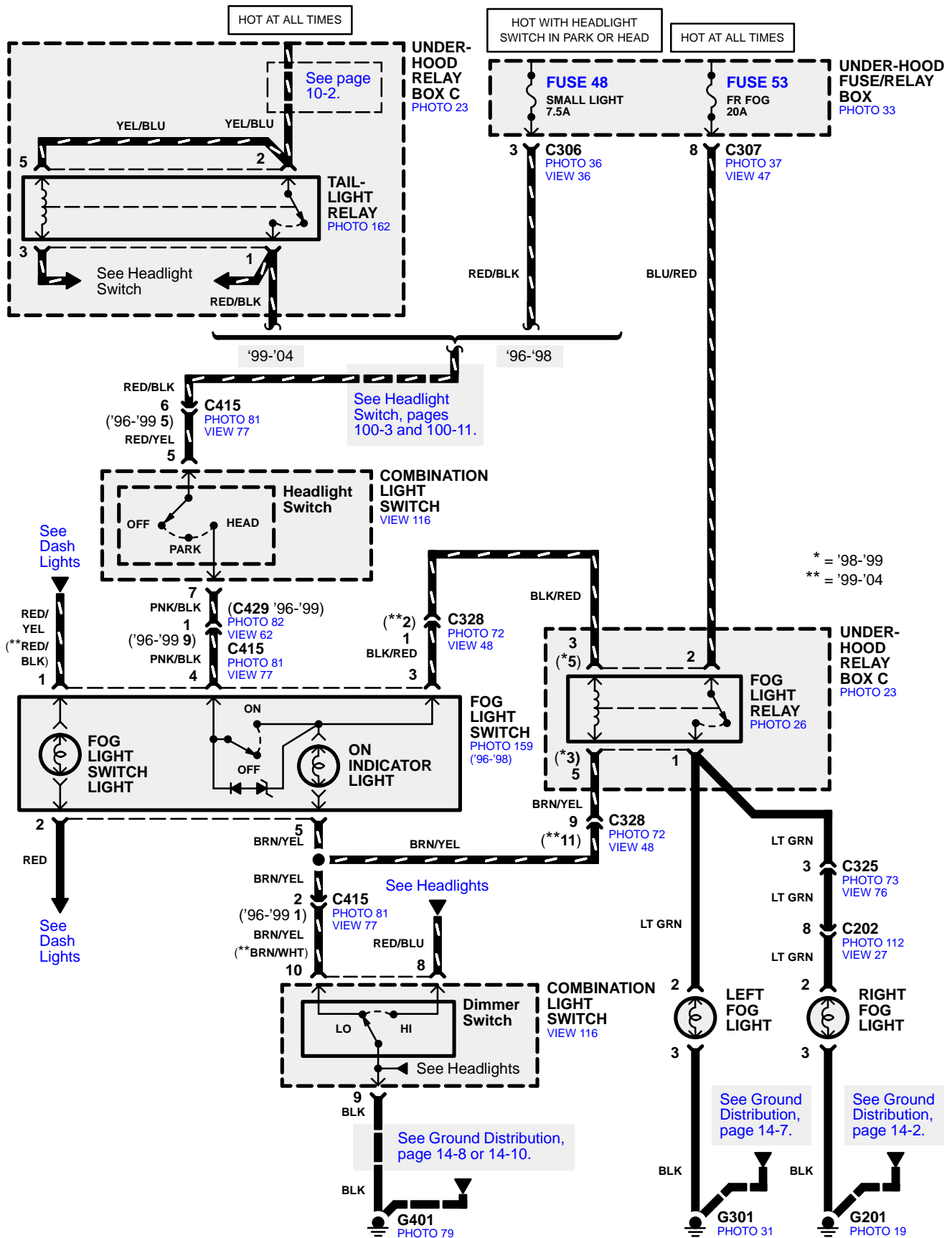


NOTE: Wires that look like this  are part of the optional cornering lights harness installed between factory harness connectors.



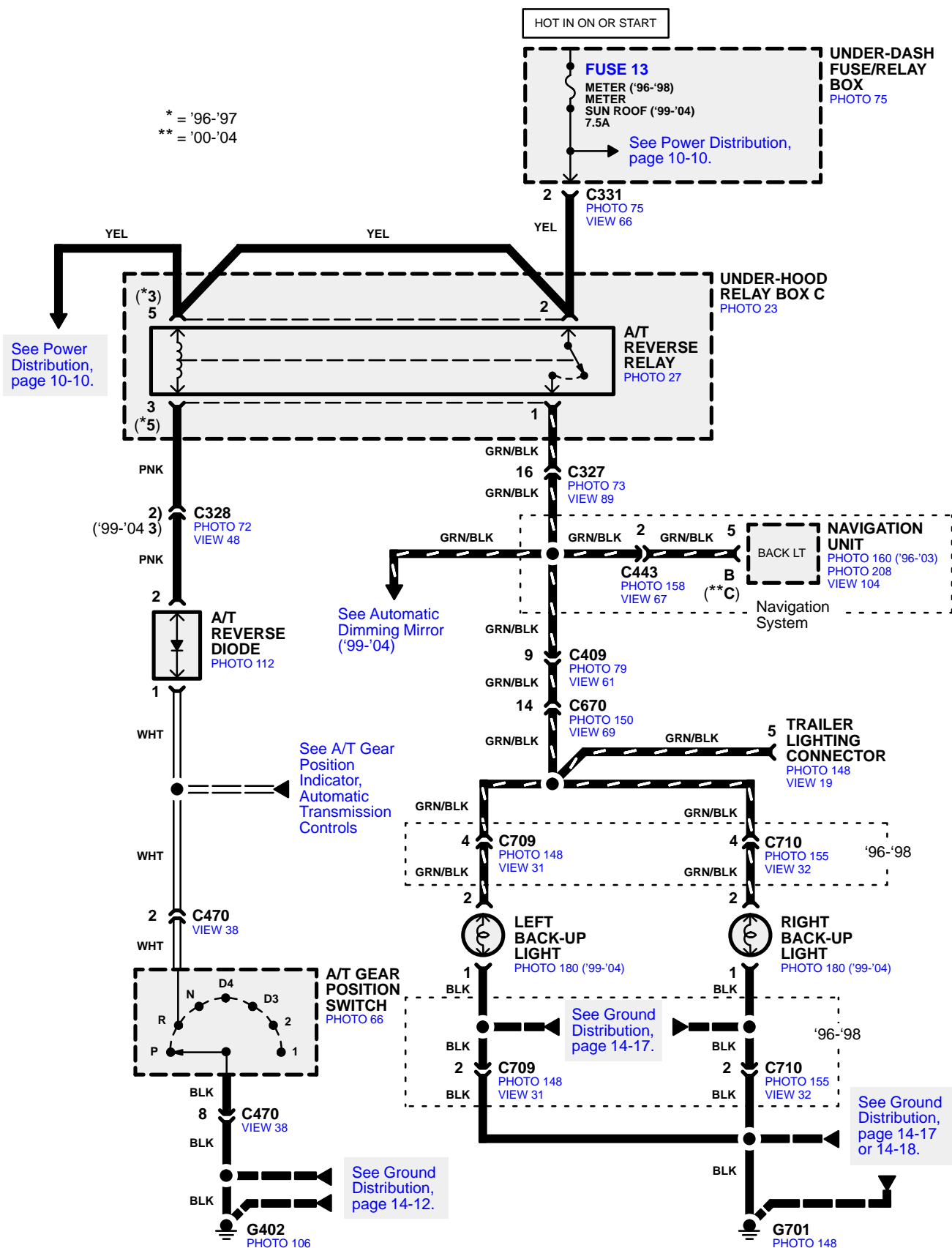
# Fog Lights

— Canada



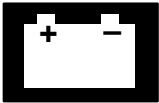


# Back-Up Lights



**- '96-'98**

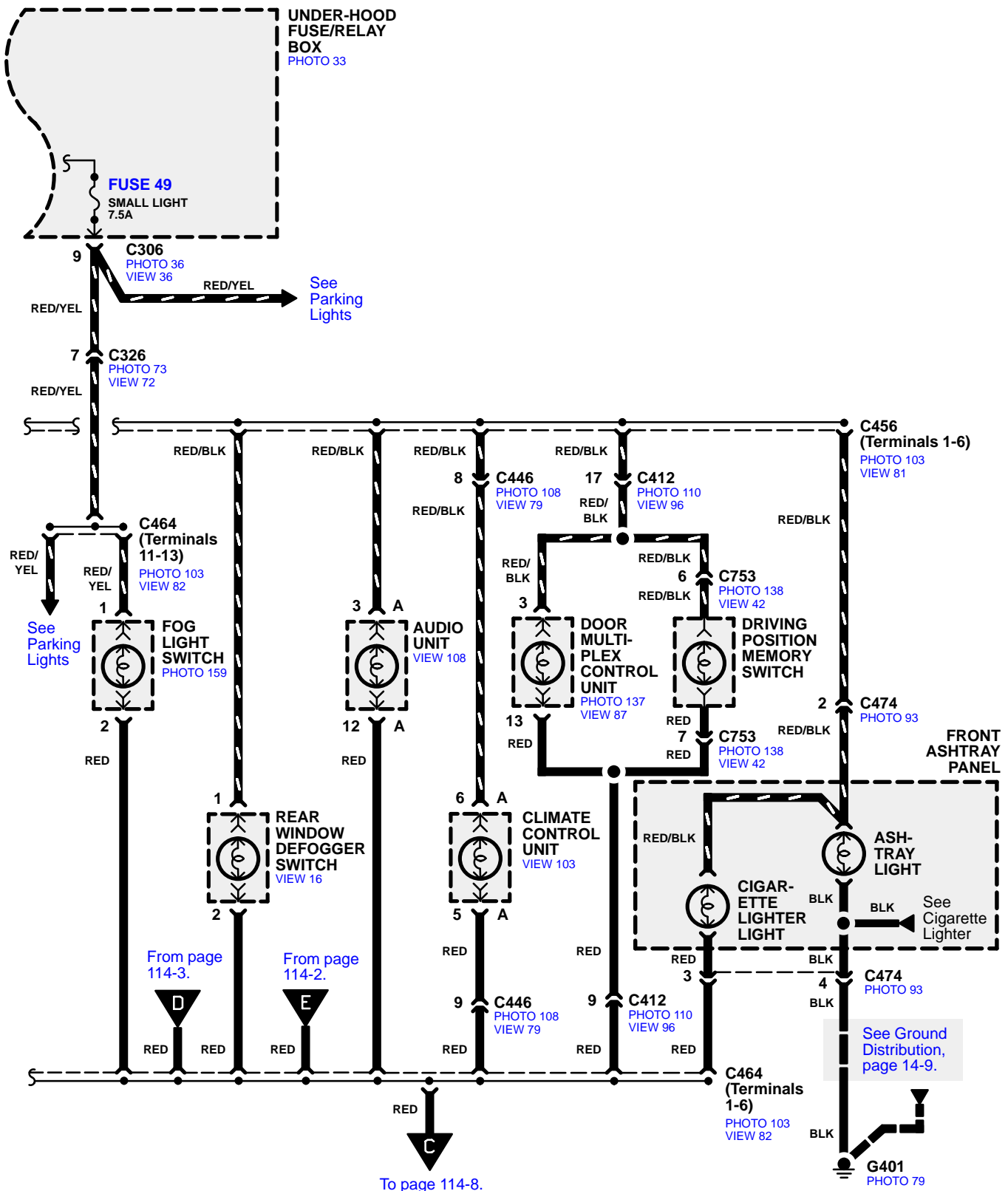




# Dash, Console, and Vanity Mirror Lights

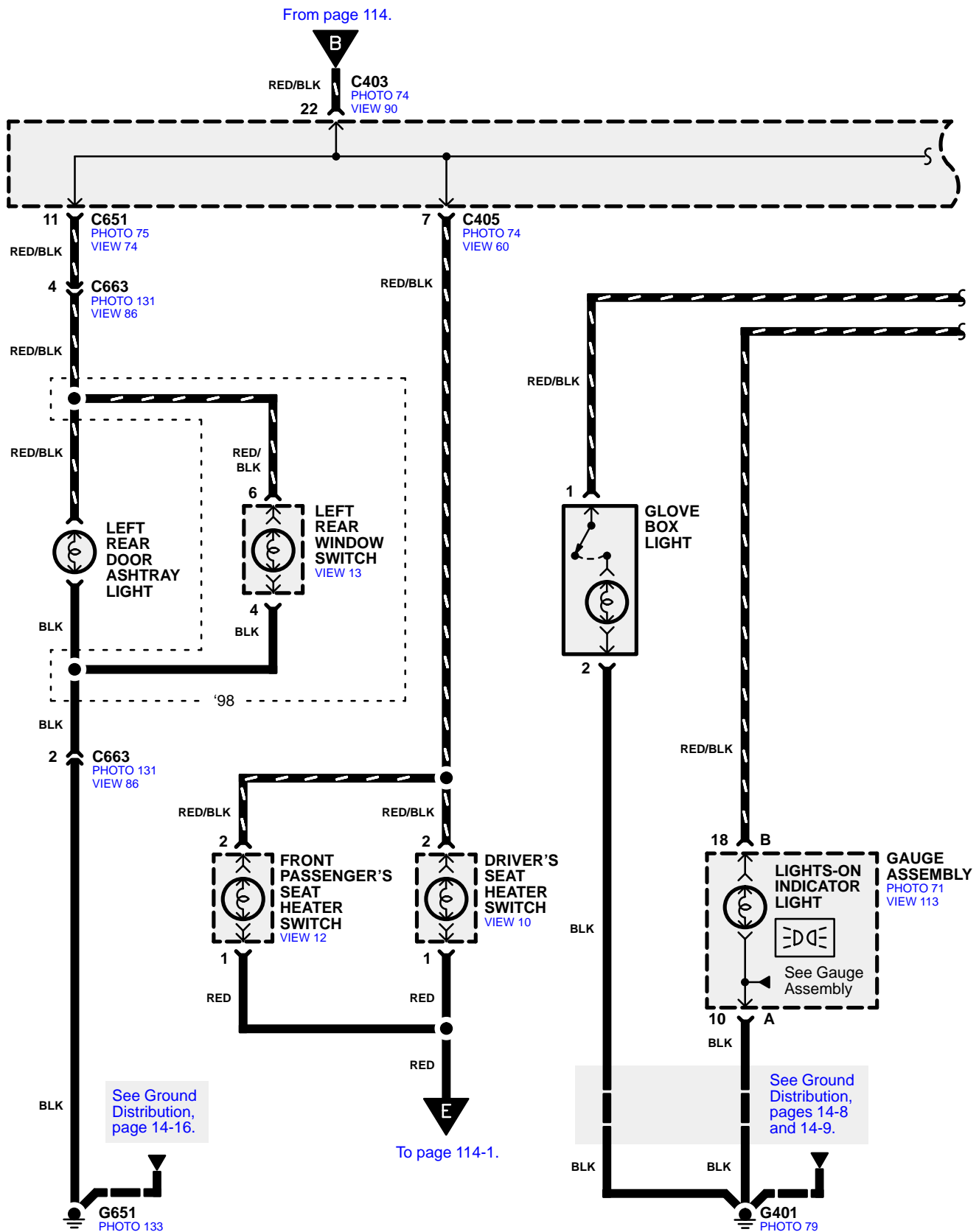
– '96-'98

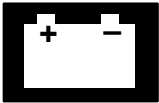
ProCarManuals.com



**– ‘96-‘98**

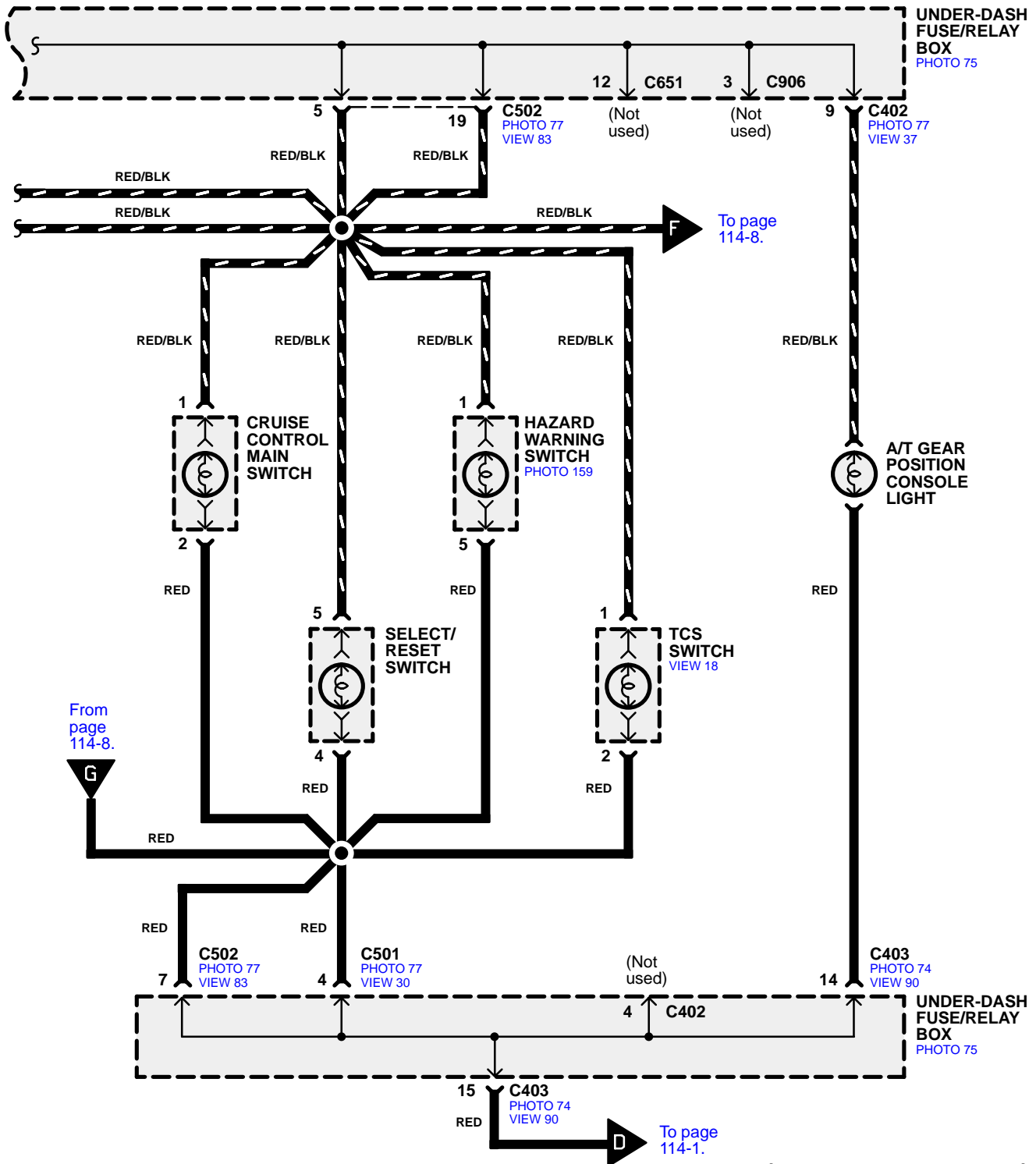
ProCarManuals.com





# Dash, Console, and Vanity Mirror Lights

– '96-'98



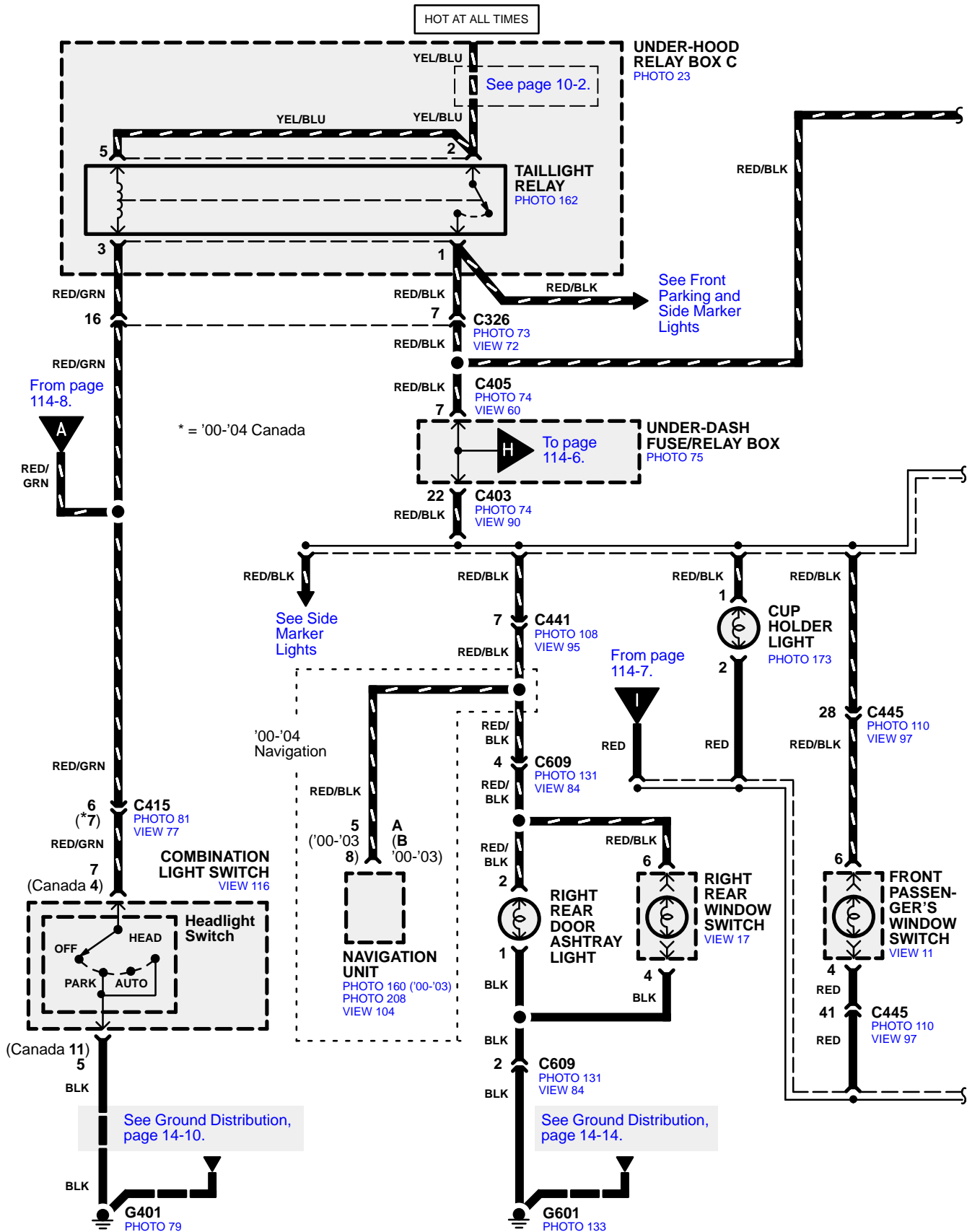
(cont'd on page 114-8)

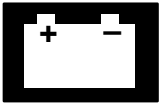
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# Dash and Console Lights

– '99-'04

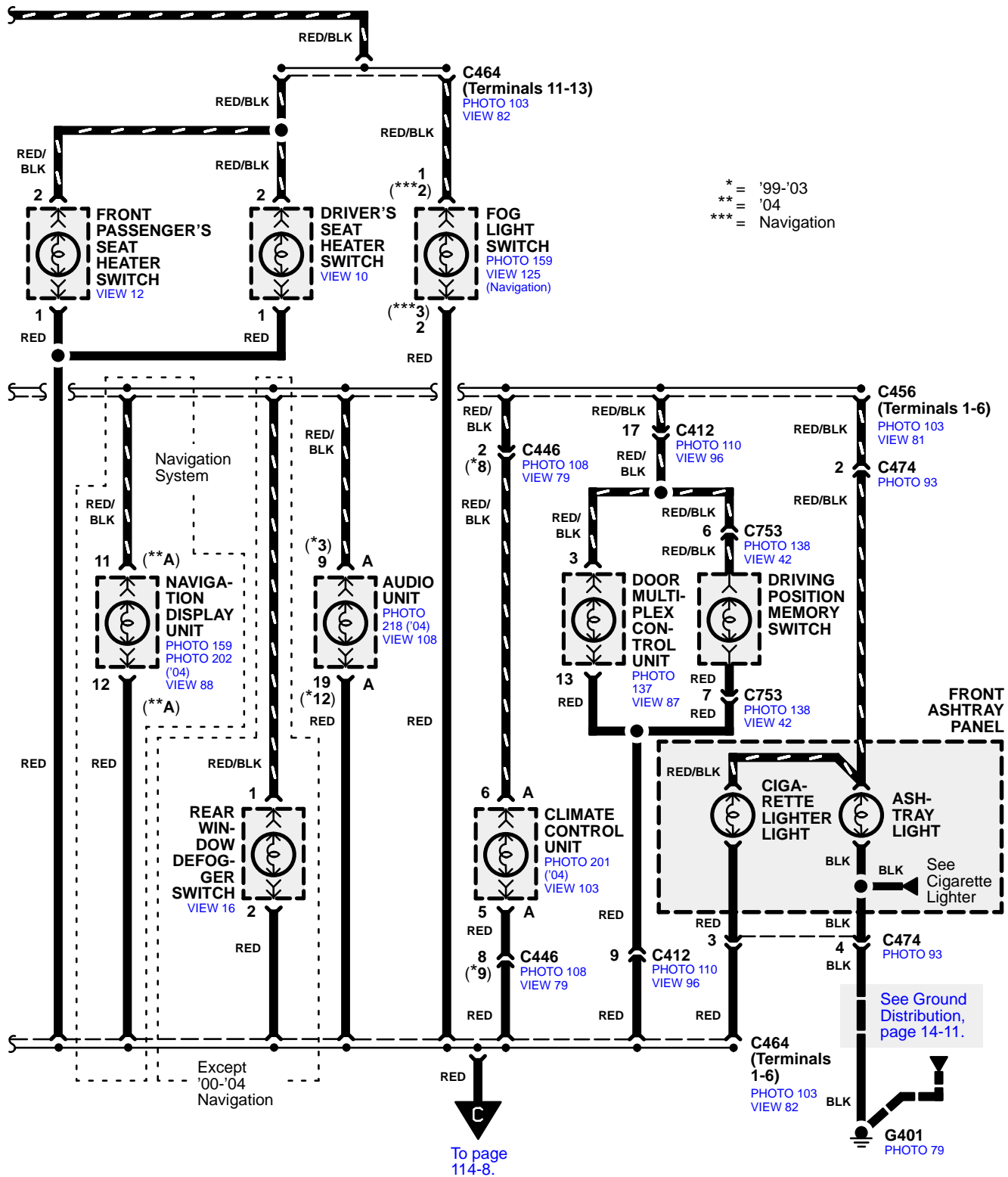




# Dash and Console Lights

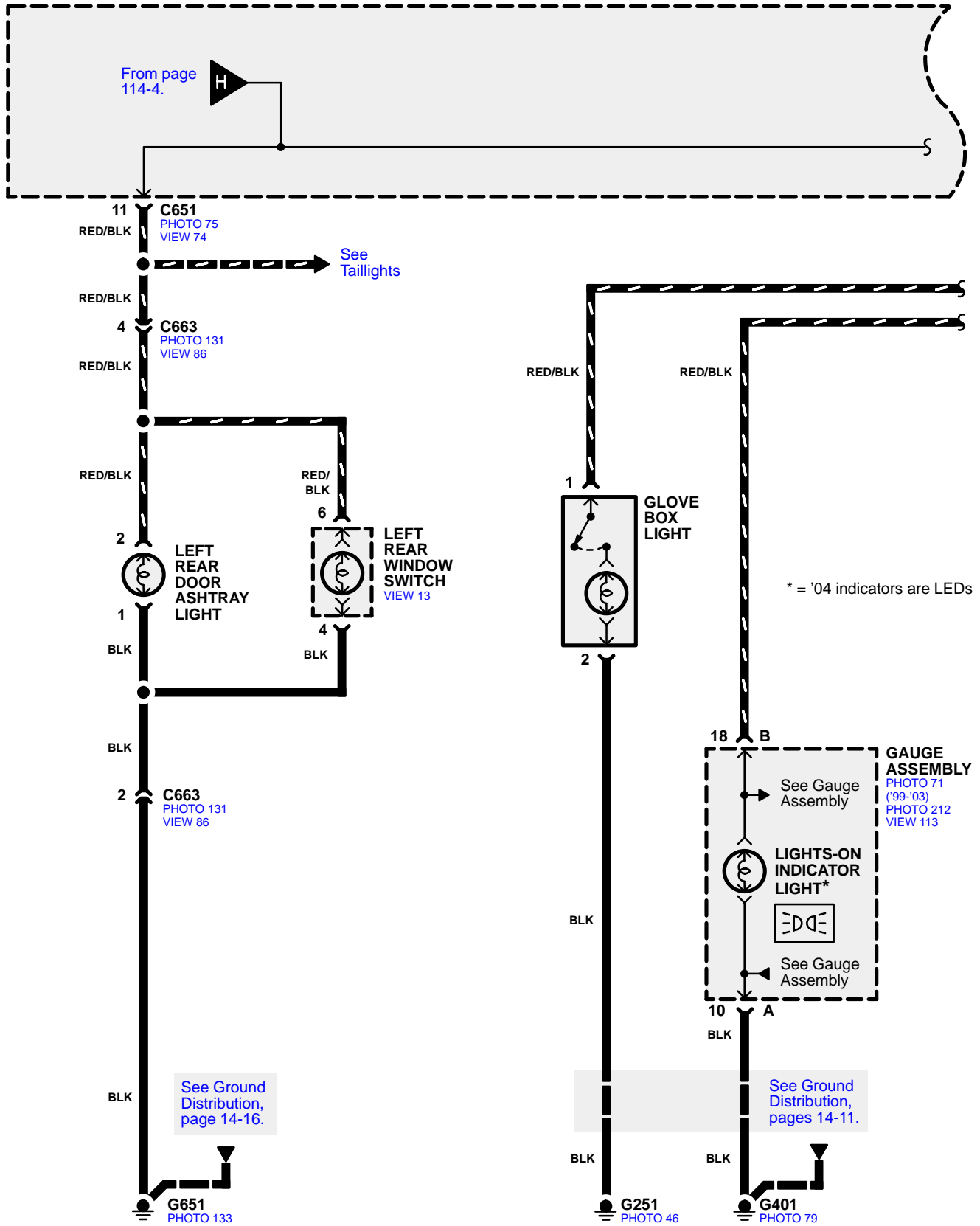
- '99-'04

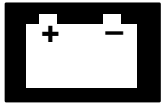
ProCarManuals.com



# Dash and Console Lights

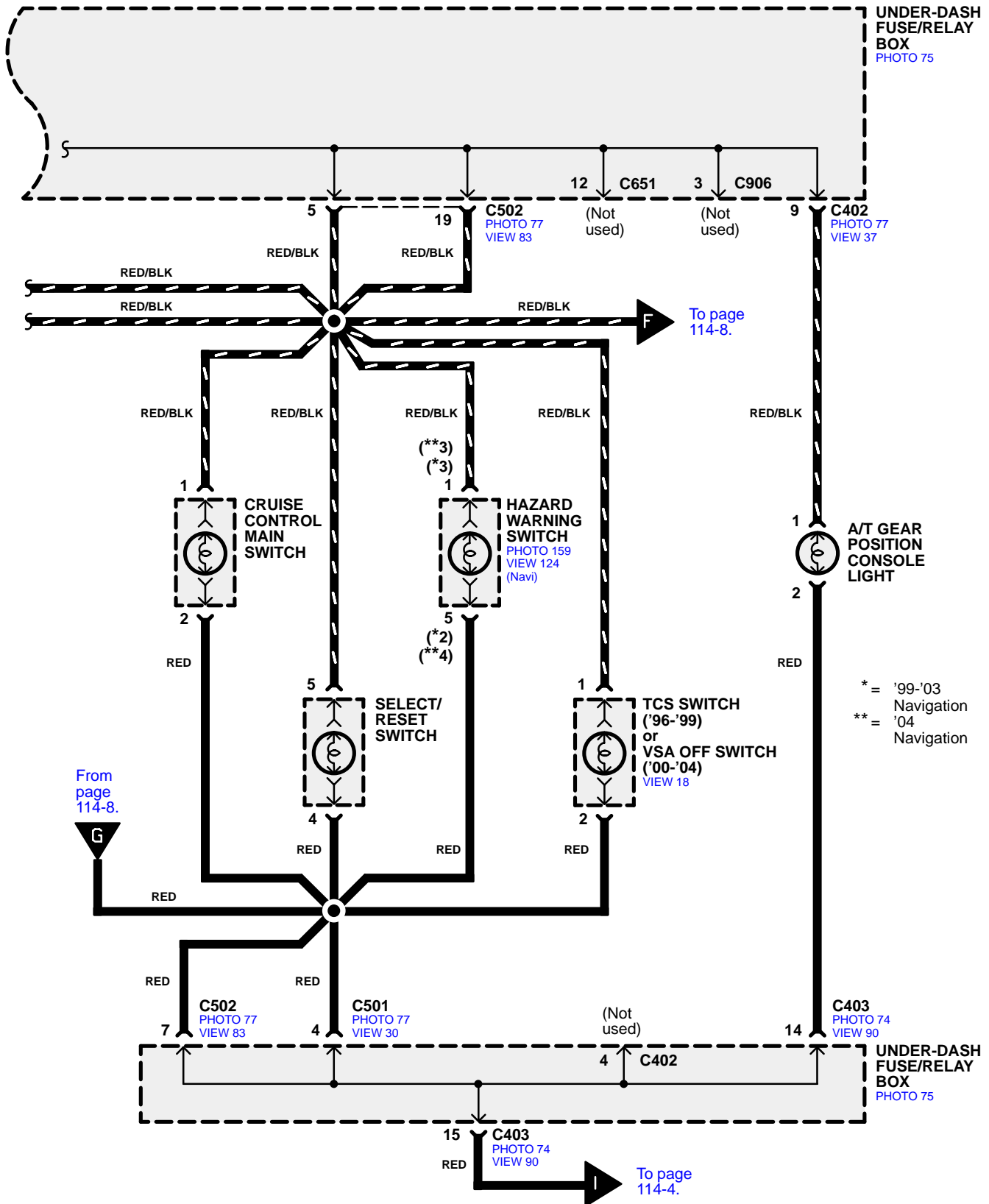
– '99-'04





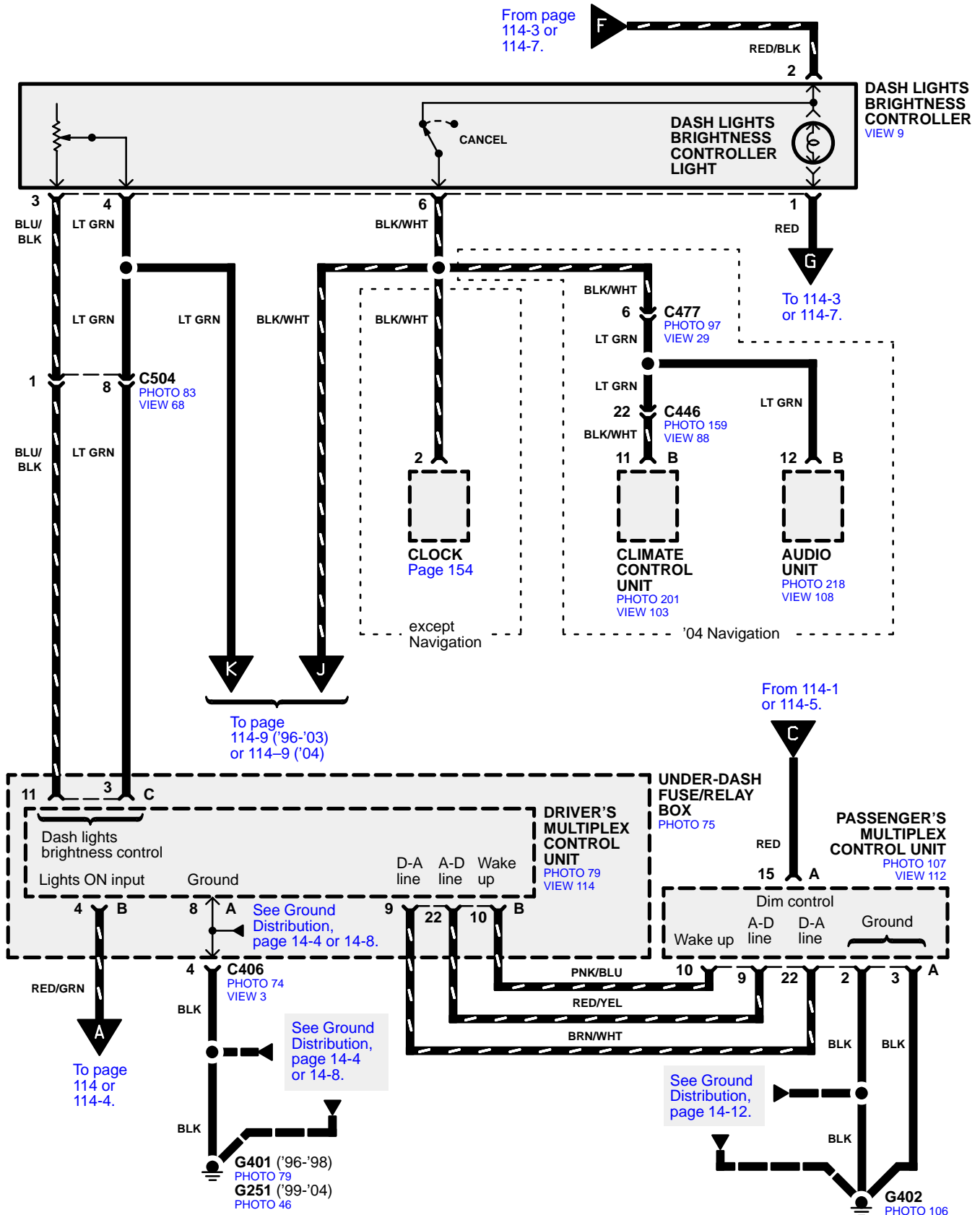
# Dash and Console Lights

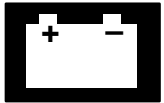
– '99-'04



# Dash and Console Lights

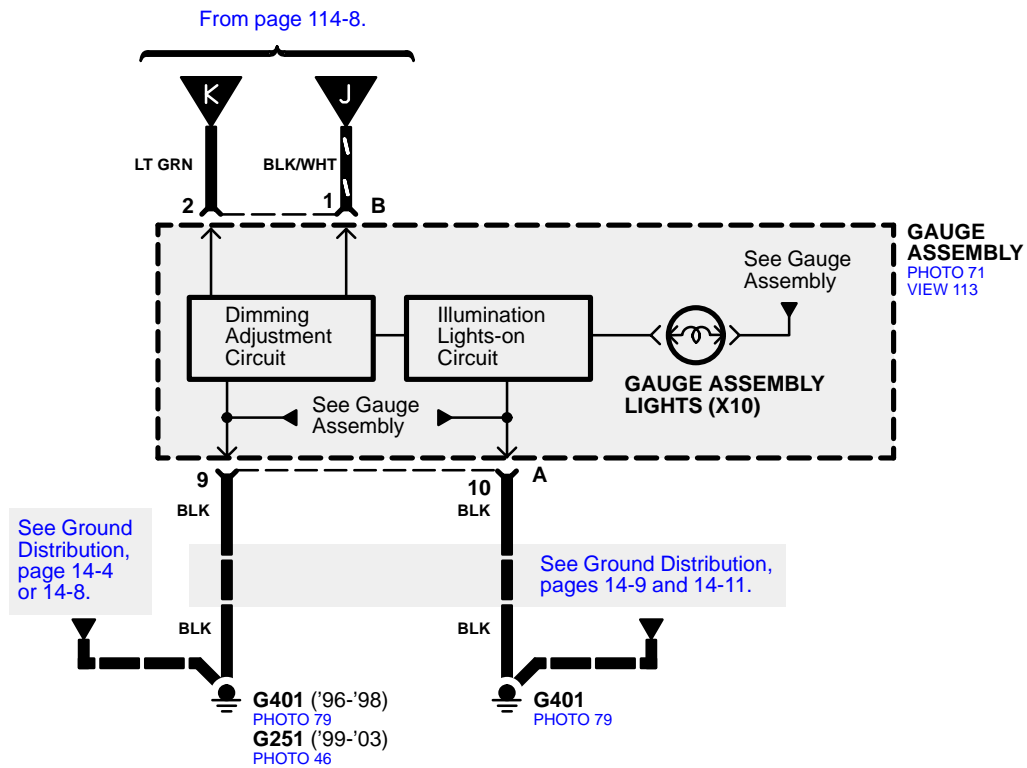
— All Models

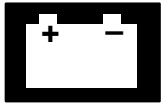




# Dash and Console Lights

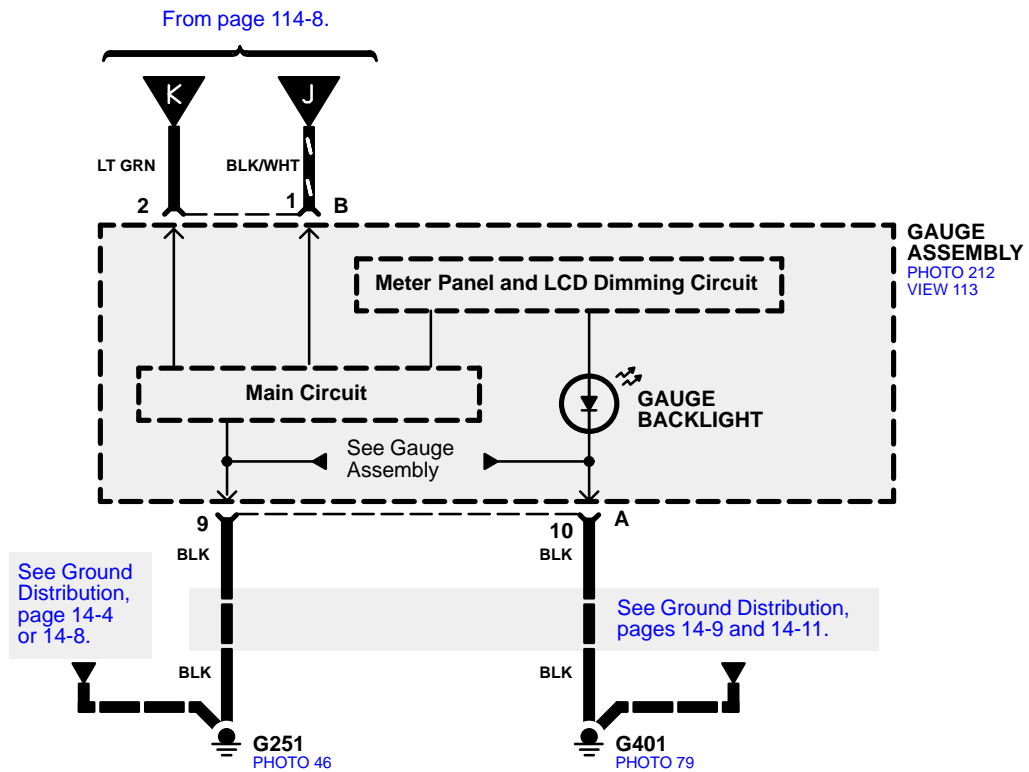
– '96-'03



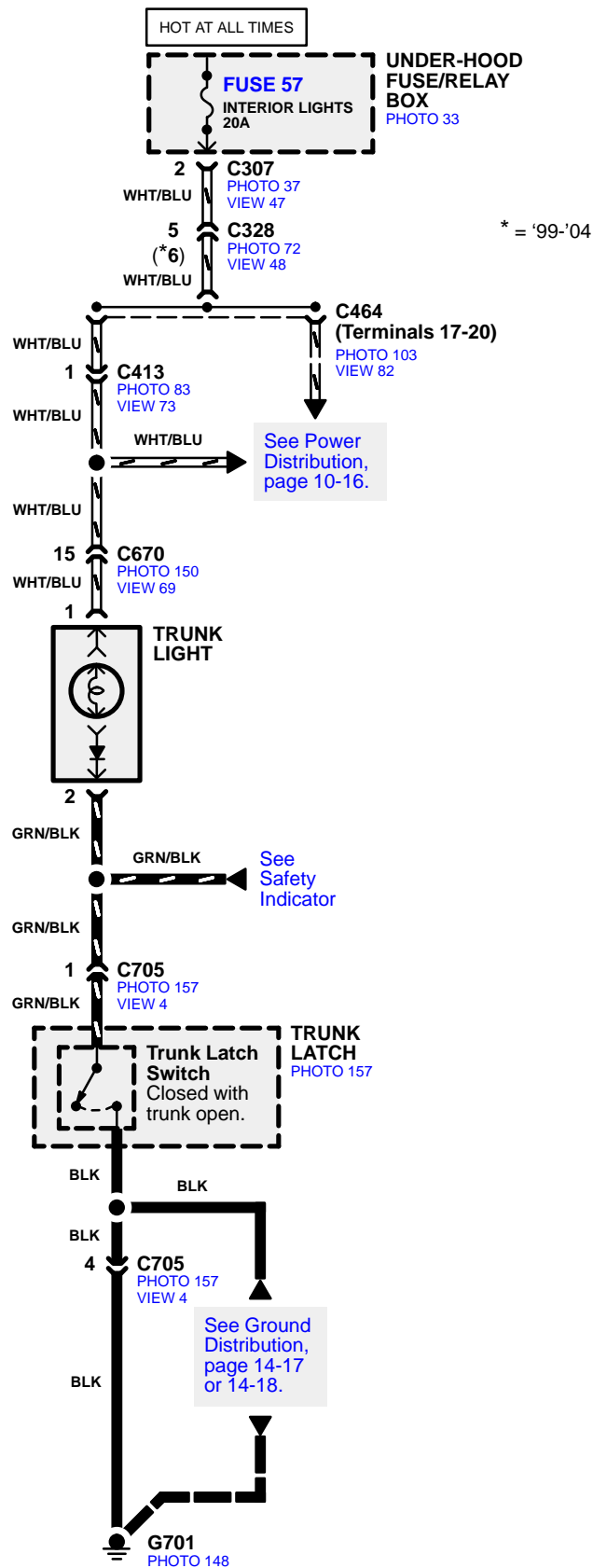


# Dash and Console Lights

- '04



# Trunk Light

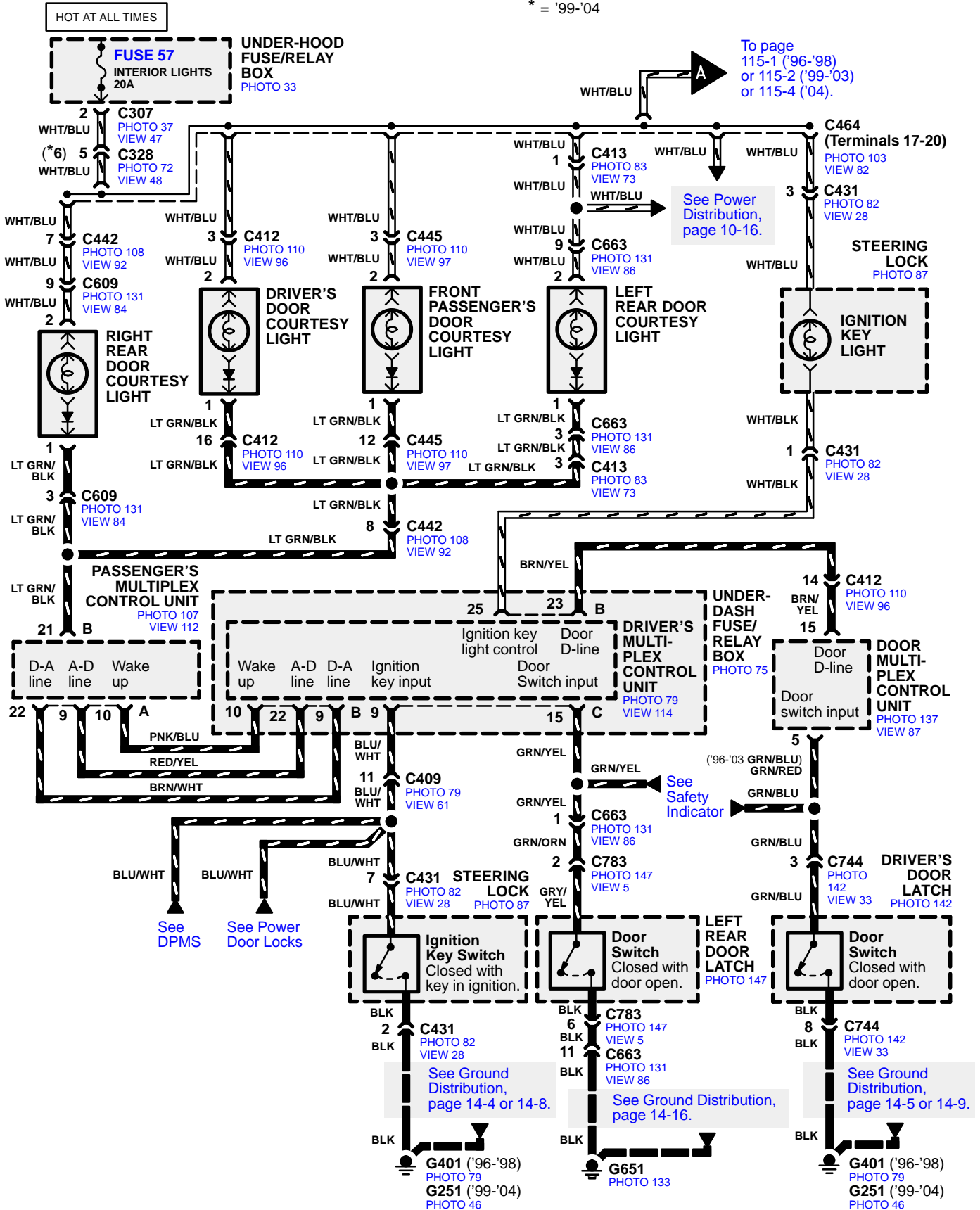




# Entry Light Control System

## - All Models

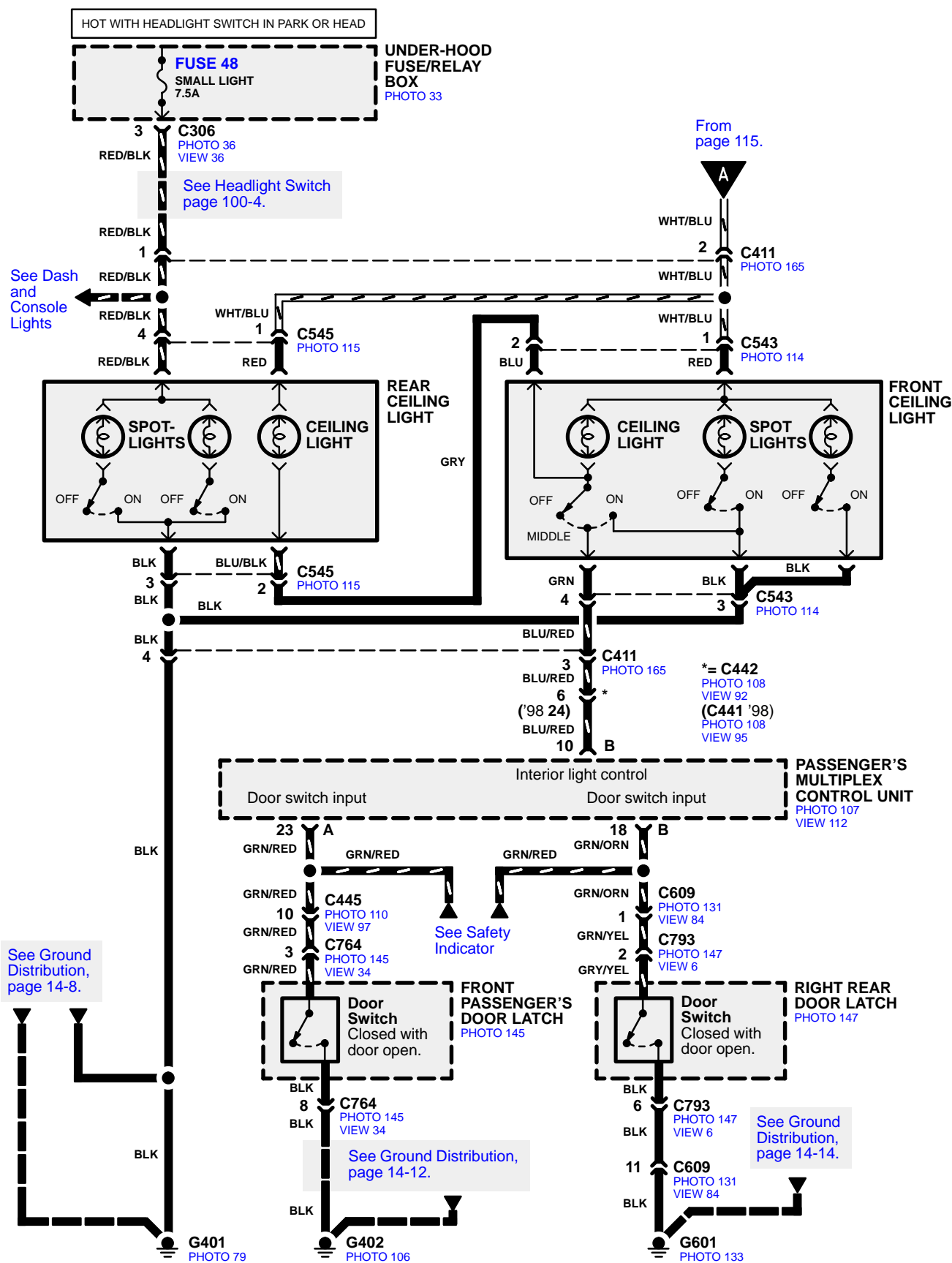
\* = '99-'04





# Entry Light Control System

— '96-'98



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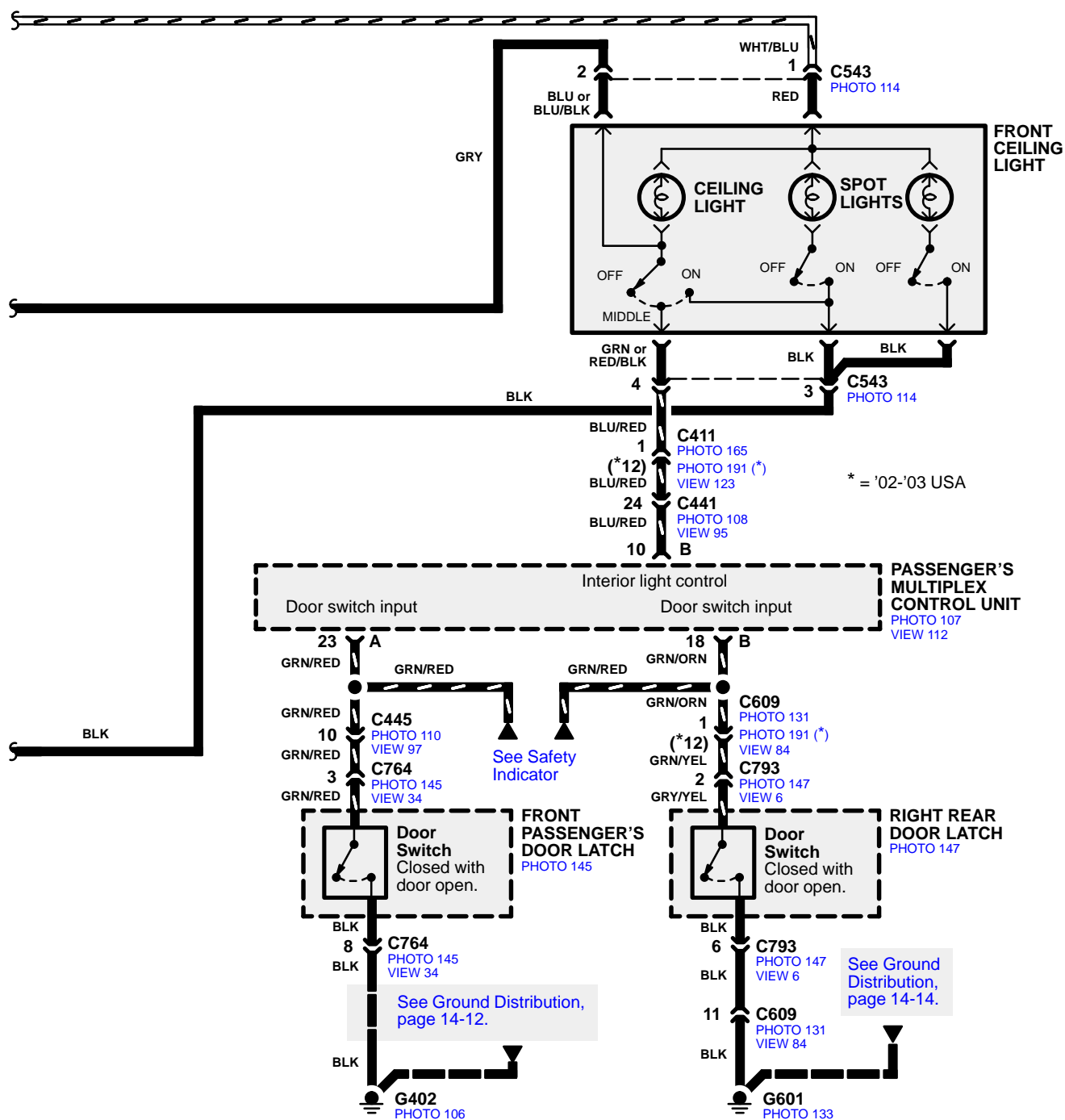
**- '99-'03**





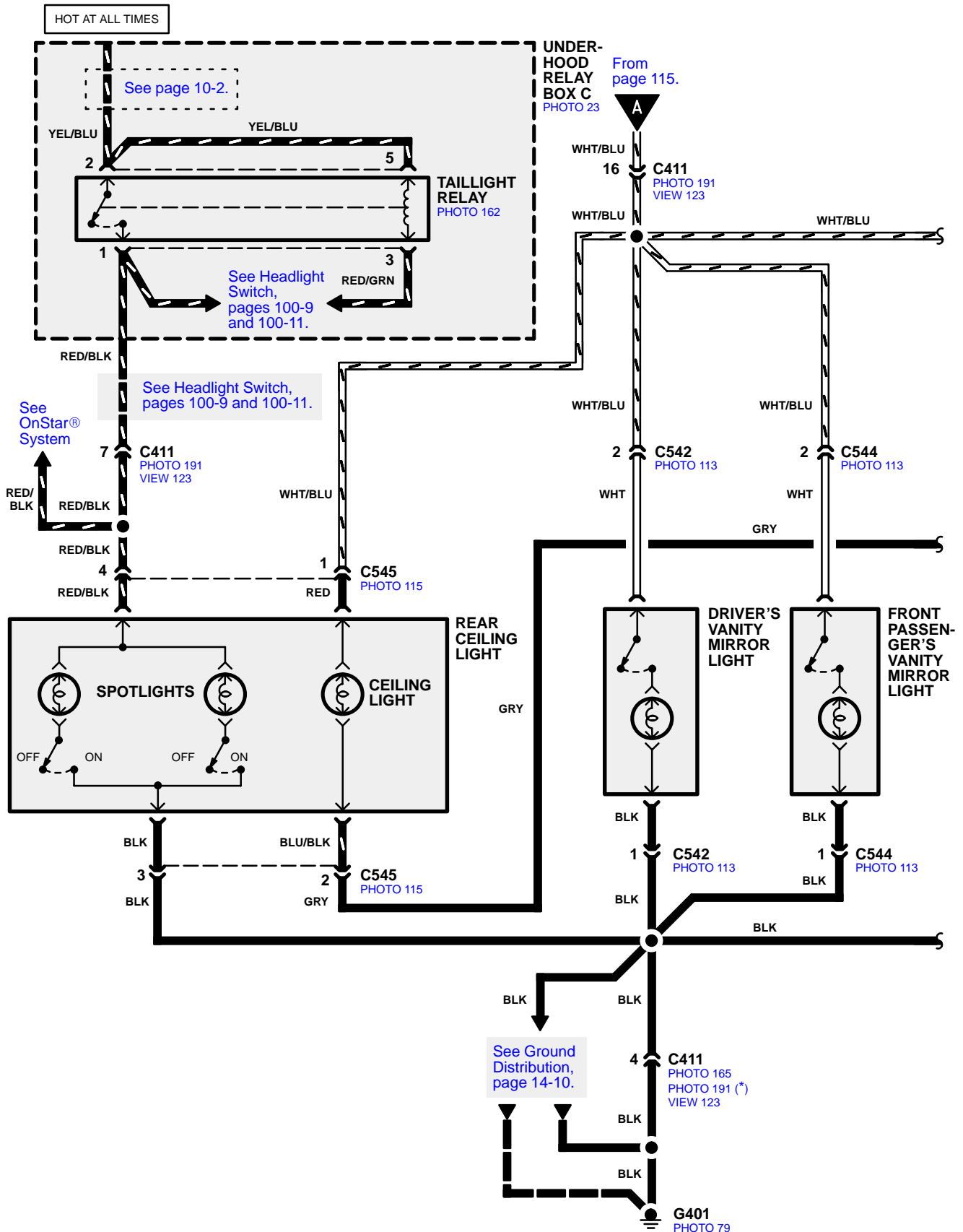
# Entry Light Control System

- '99-'03



# Entry Light Control System

— '04

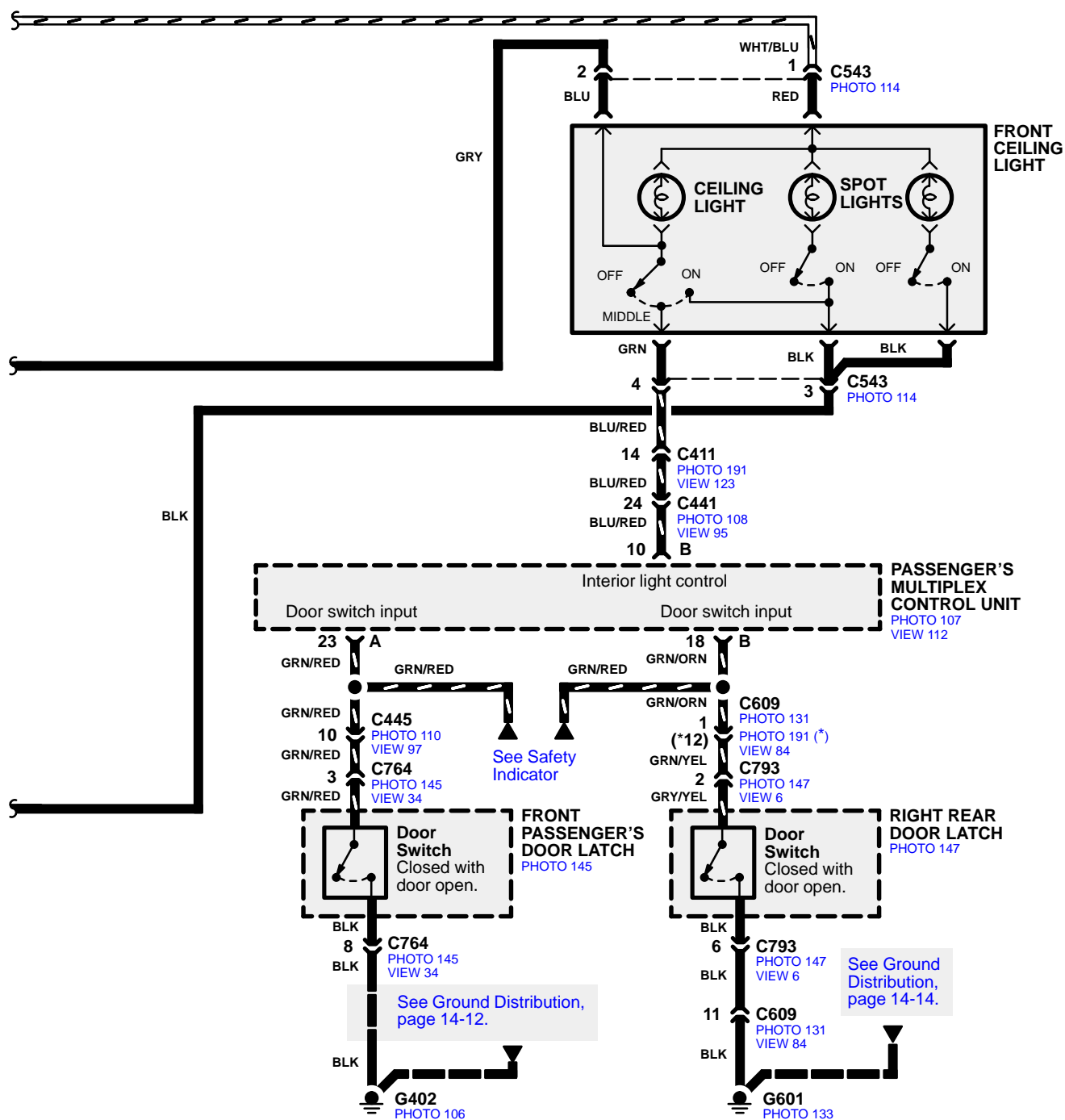




# Entry Light Control System

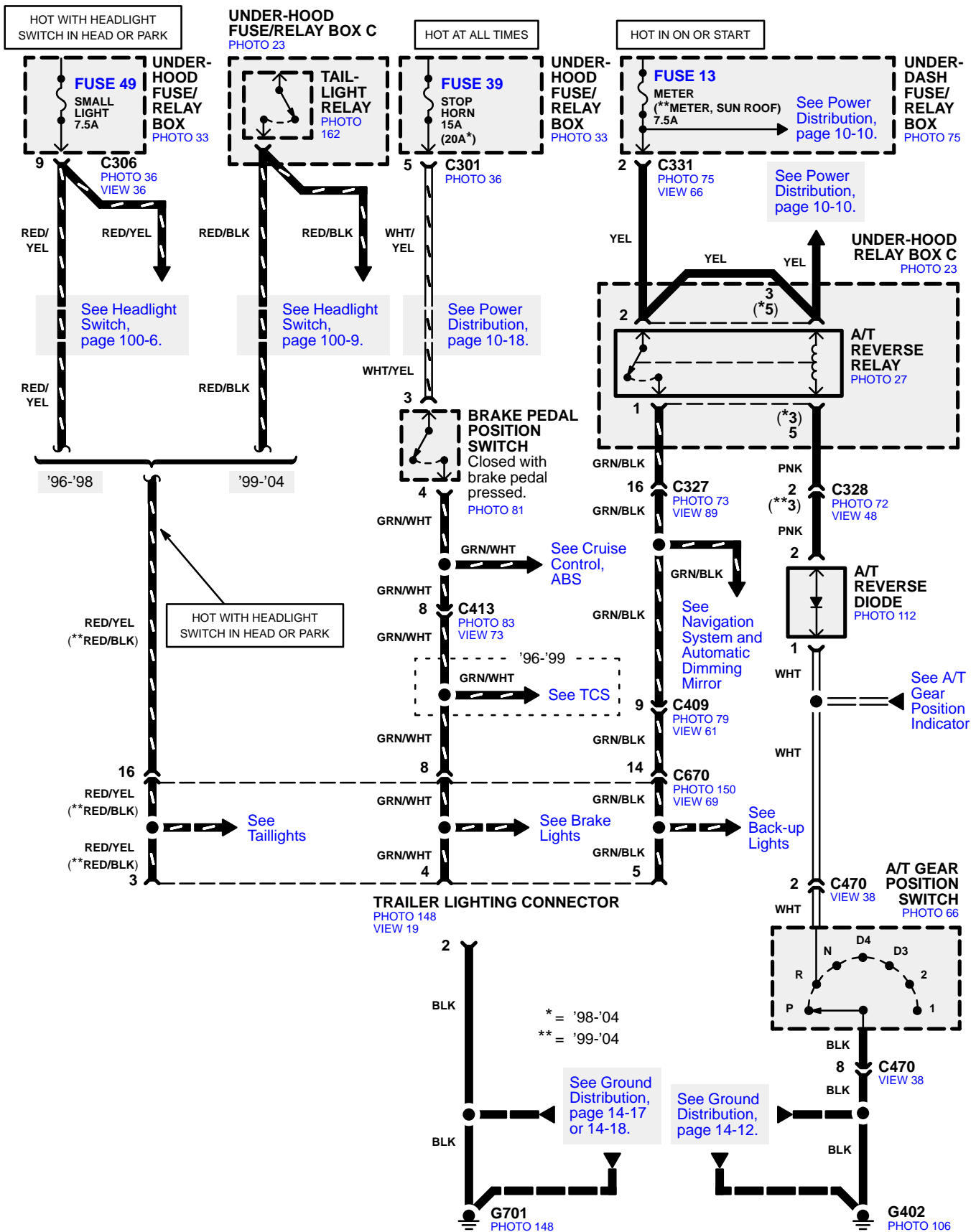
- '04

\* = USA



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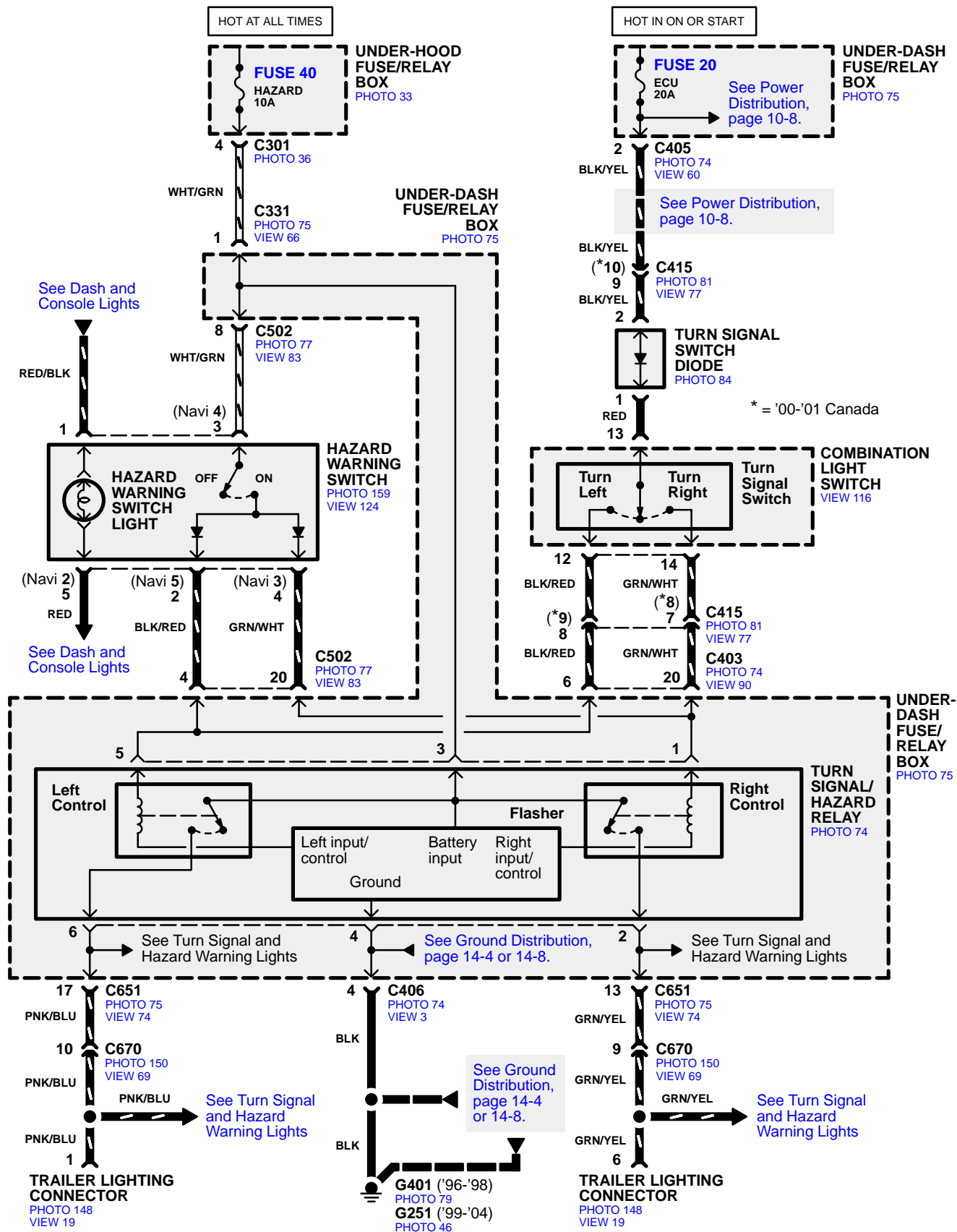
# Trailer Lighting Connector





# Trailer Lighting Connector

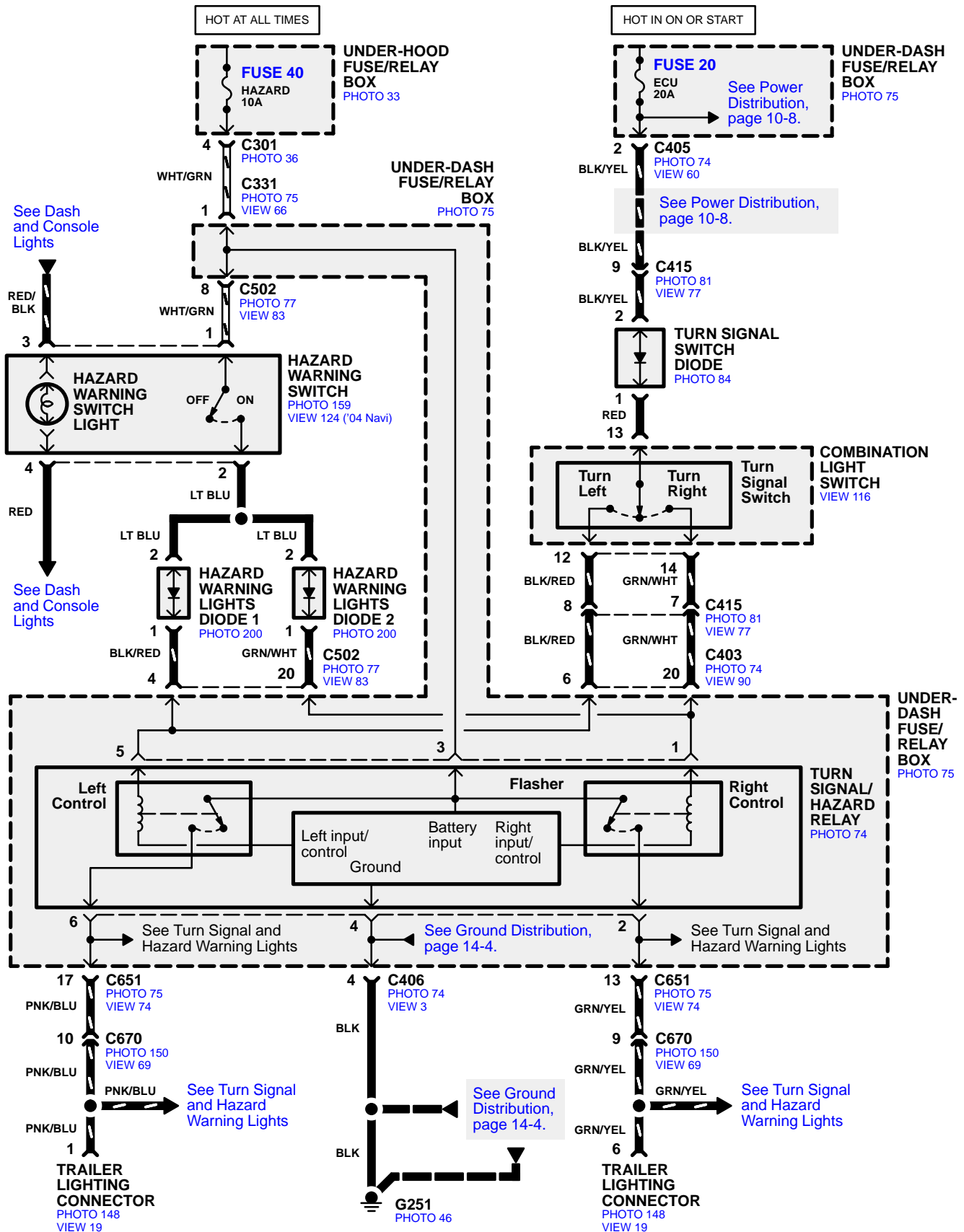
– Except '04 Navigation





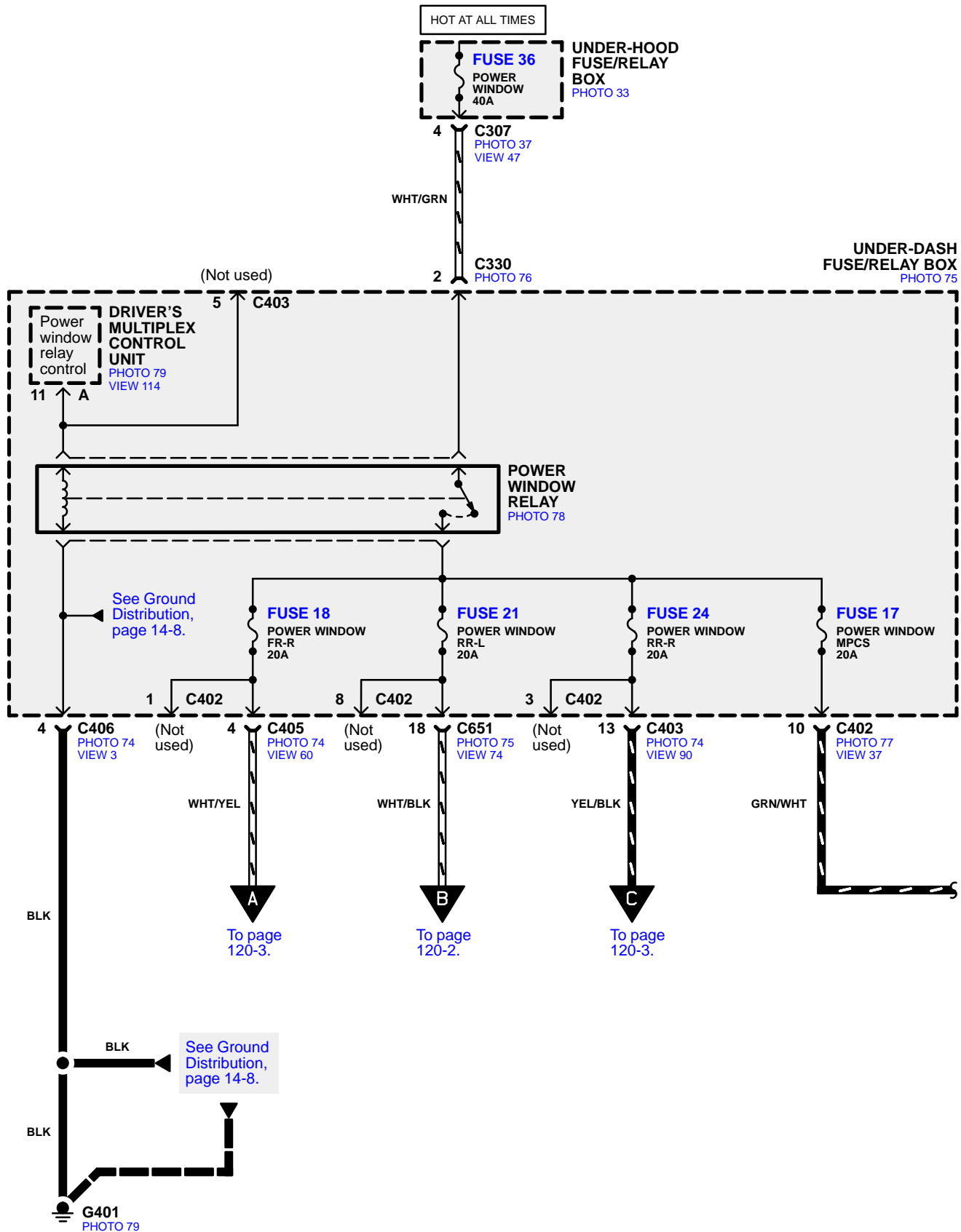
# Trailer Lighting Connector

– '04 Navigation



# Power Windows

– '96-'97

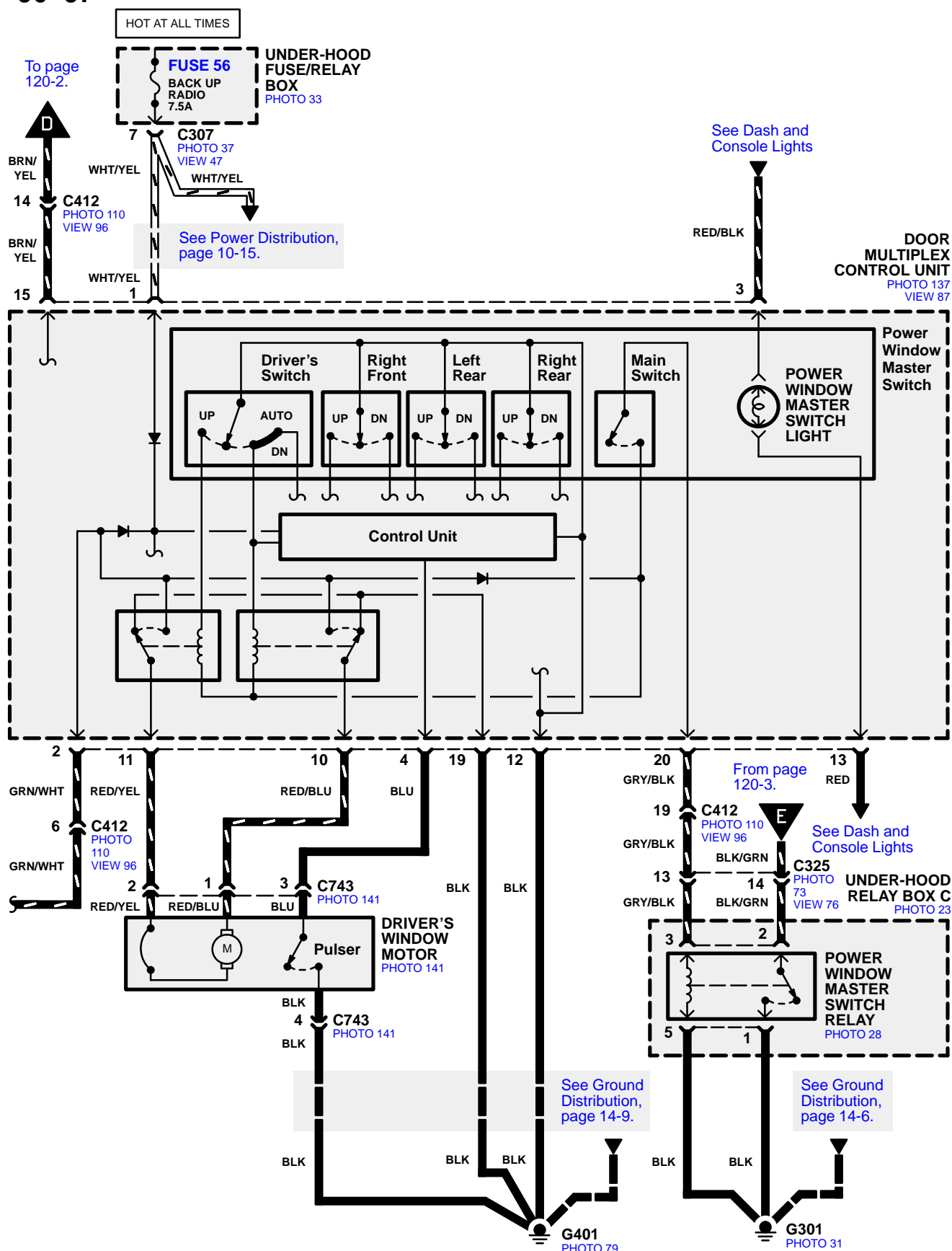




# Power Windows

— '96-'97

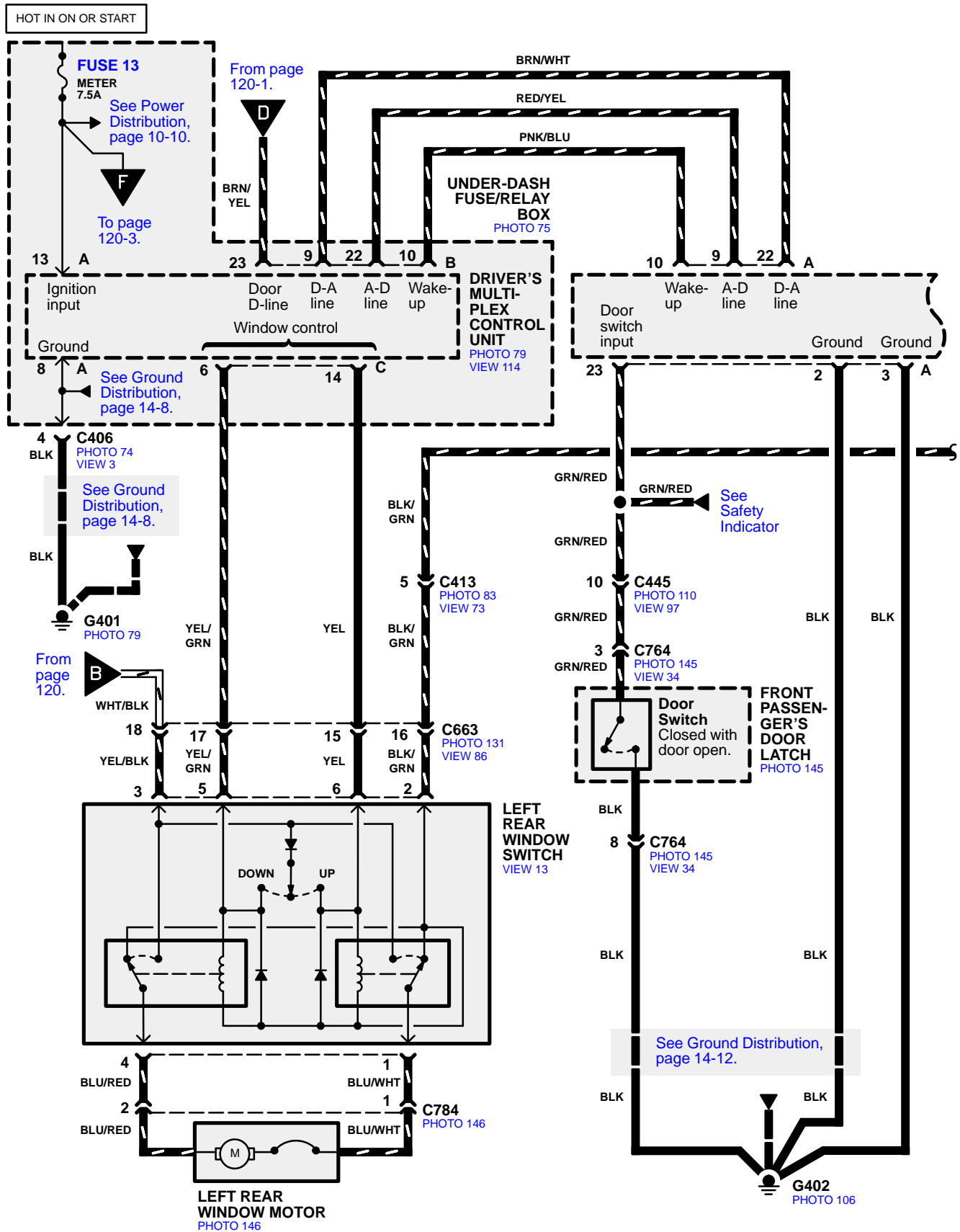
ProCarManuals.com

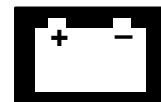


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# Power Windows

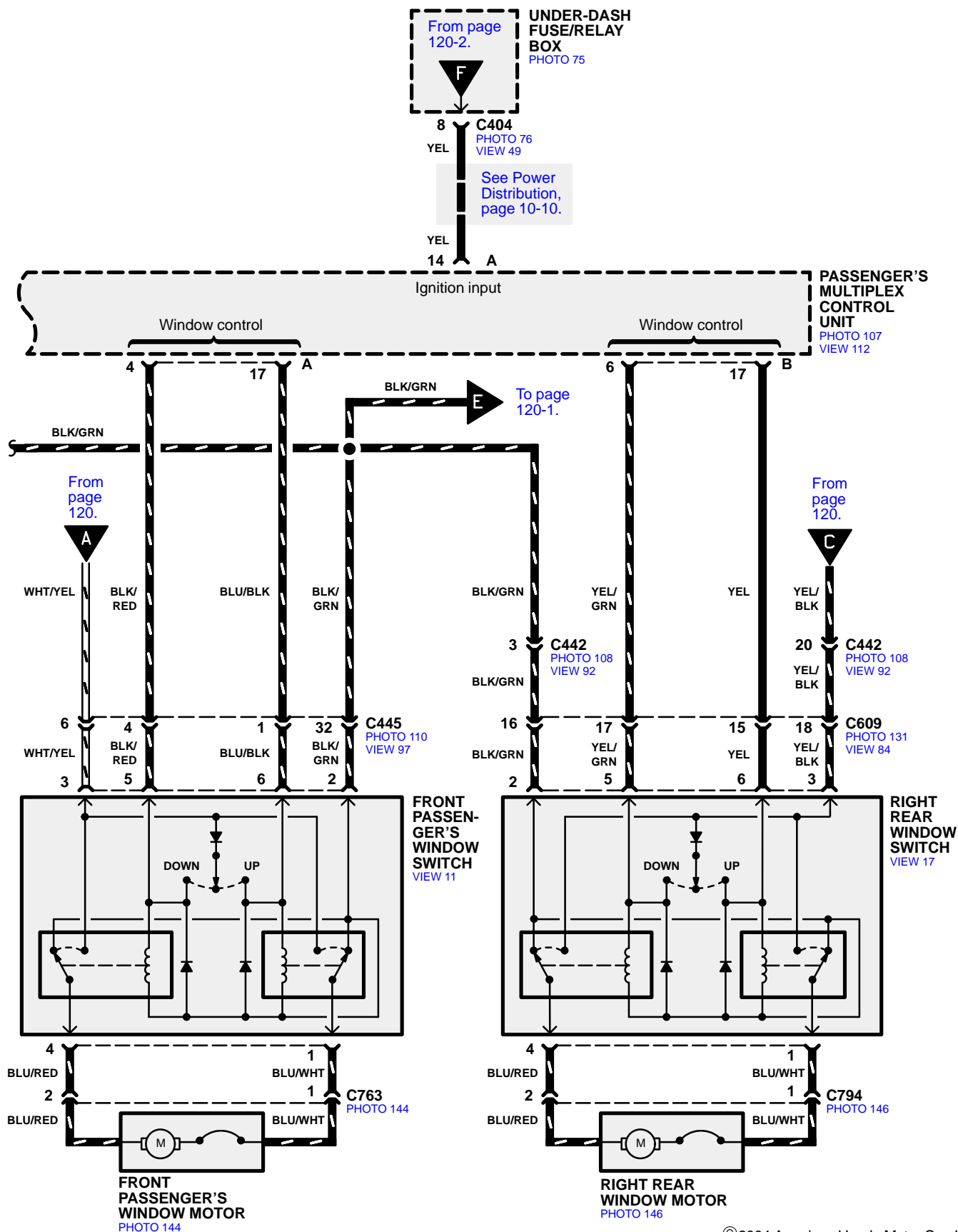
— '96-'97





# Power Windows

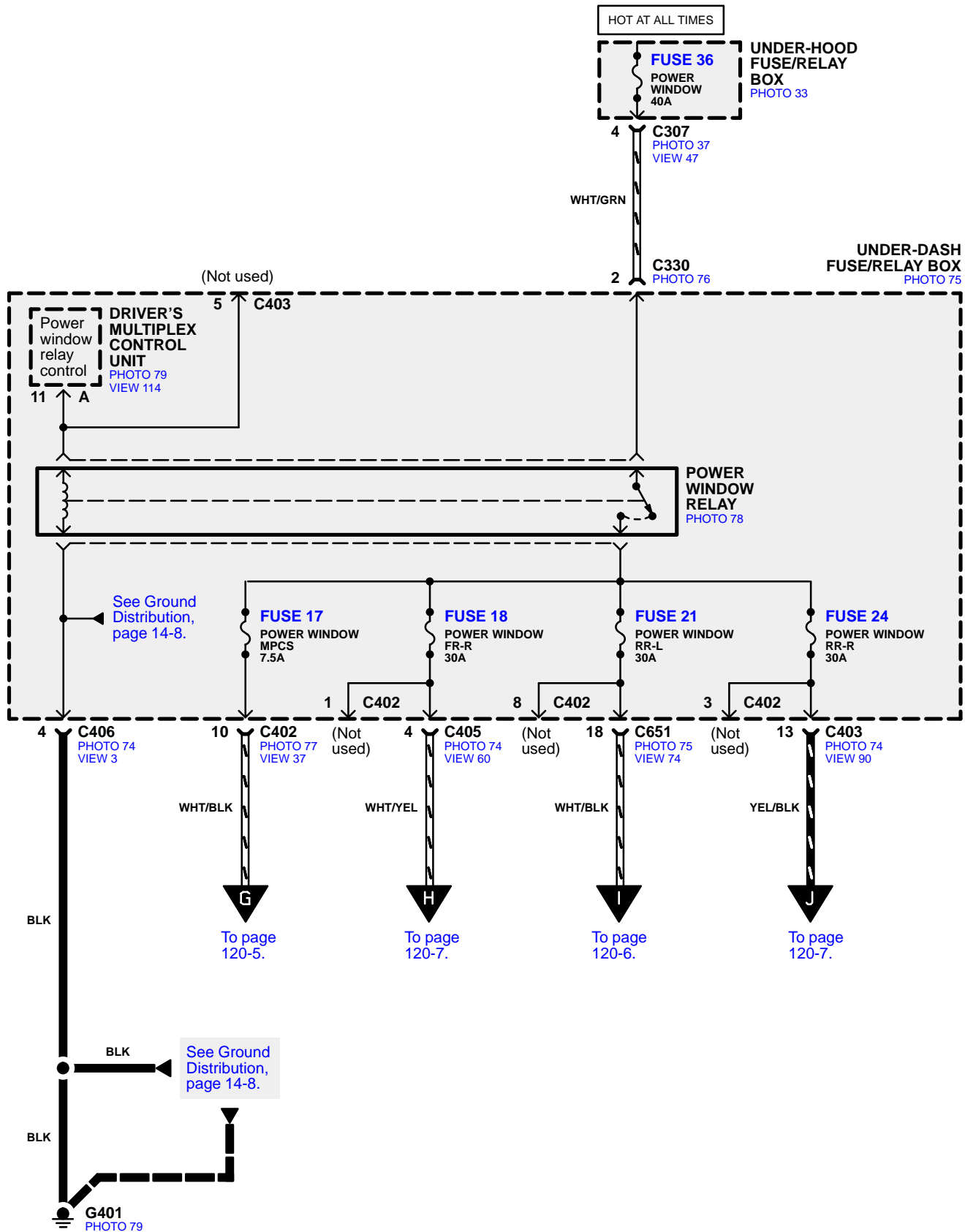
– '96-'97



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# Power Windows

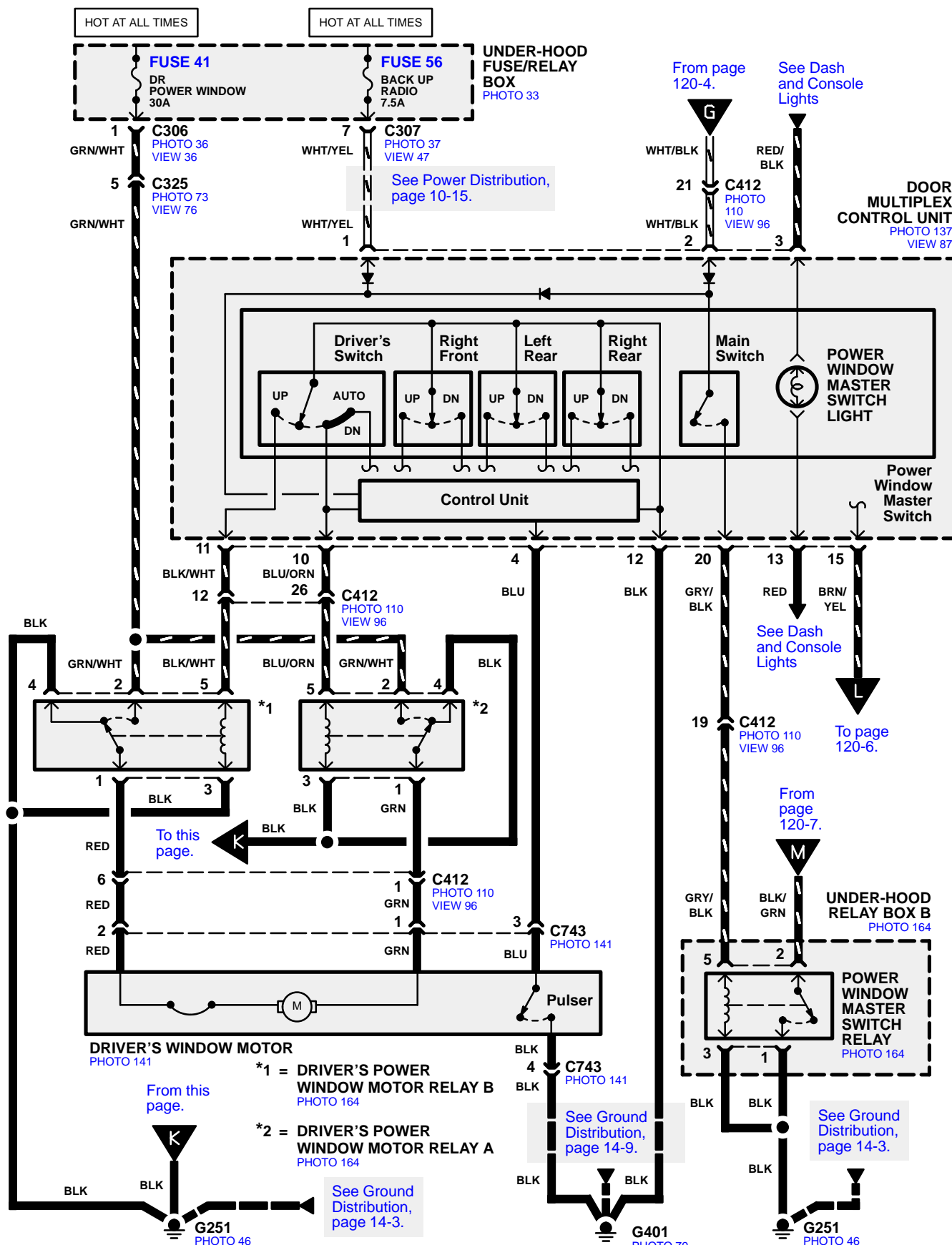
– '98





# Power Windows

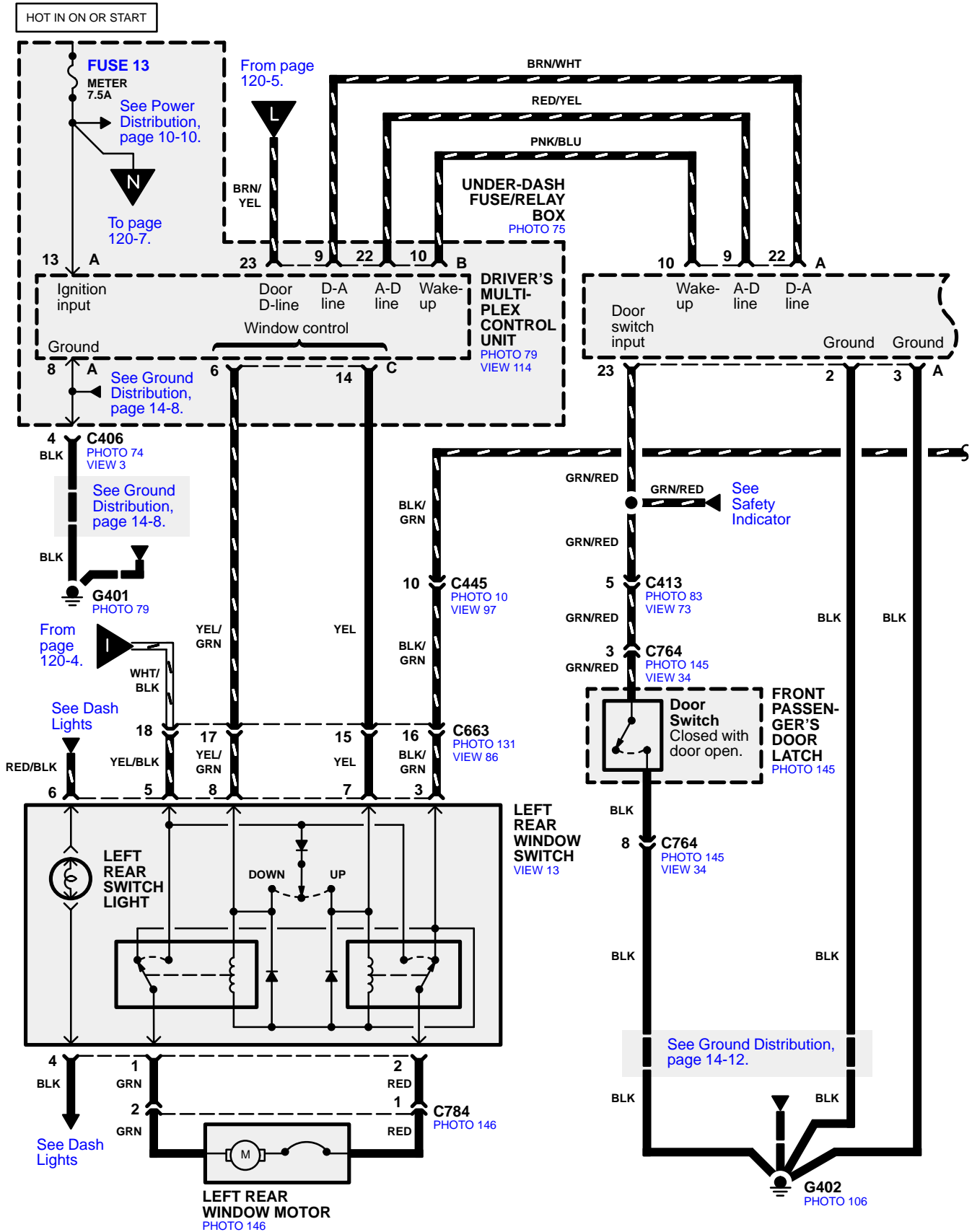
— '98



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# Power Windows

— '98

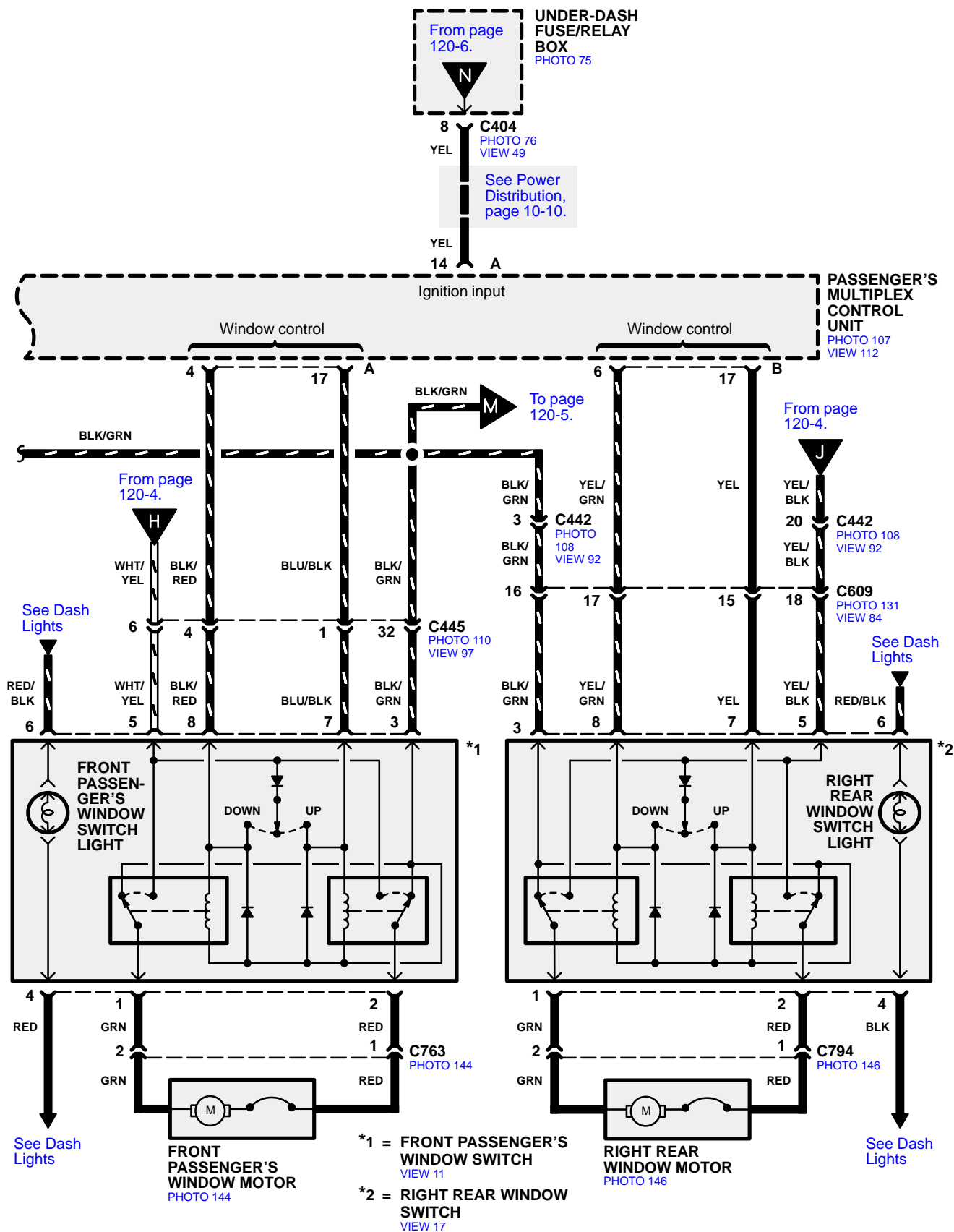






# Power Windows

— '98



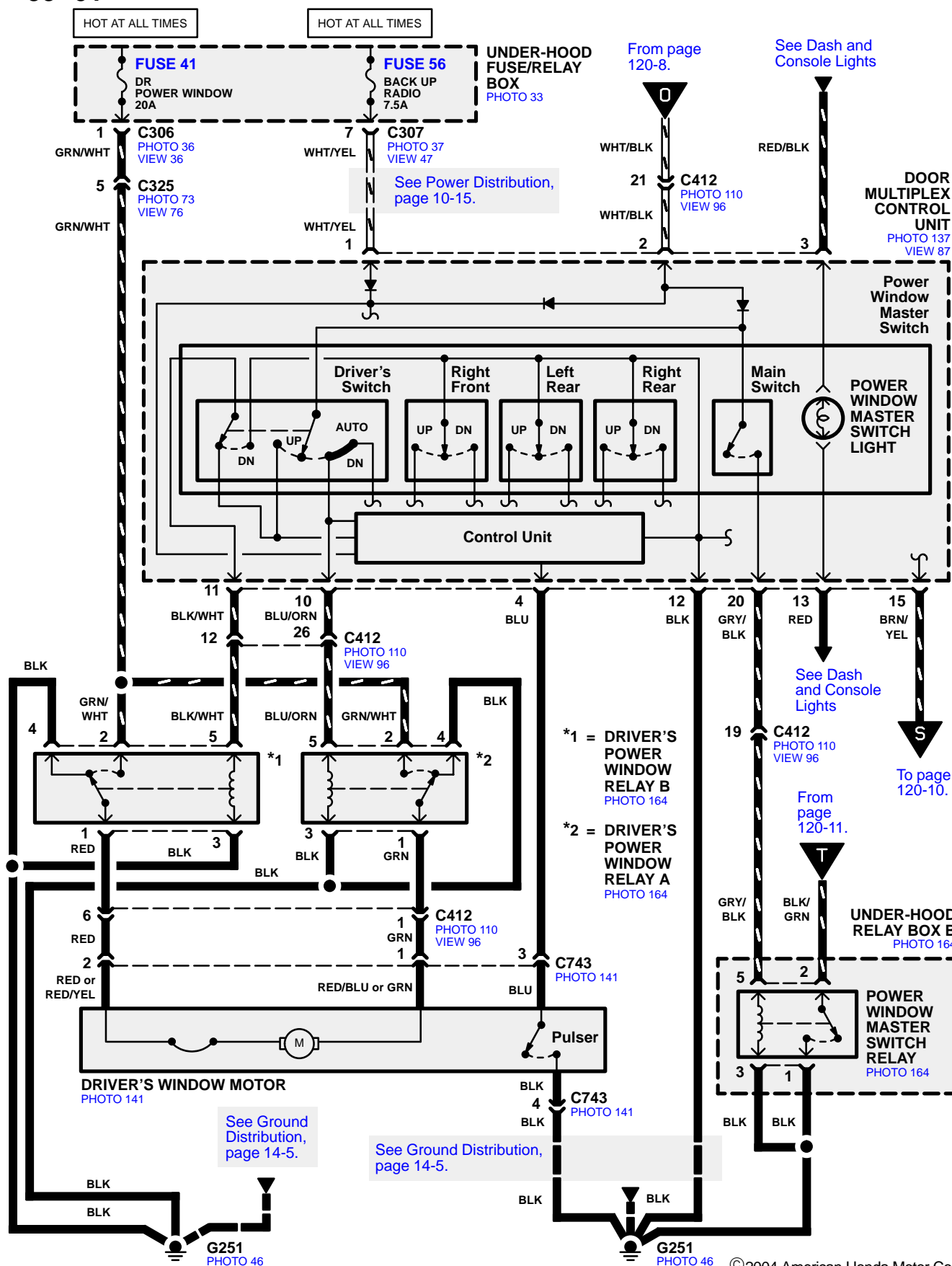
– ‘99-’01





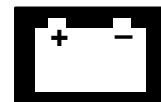
# Power Windows

— '99-'01



**- '99-'01**

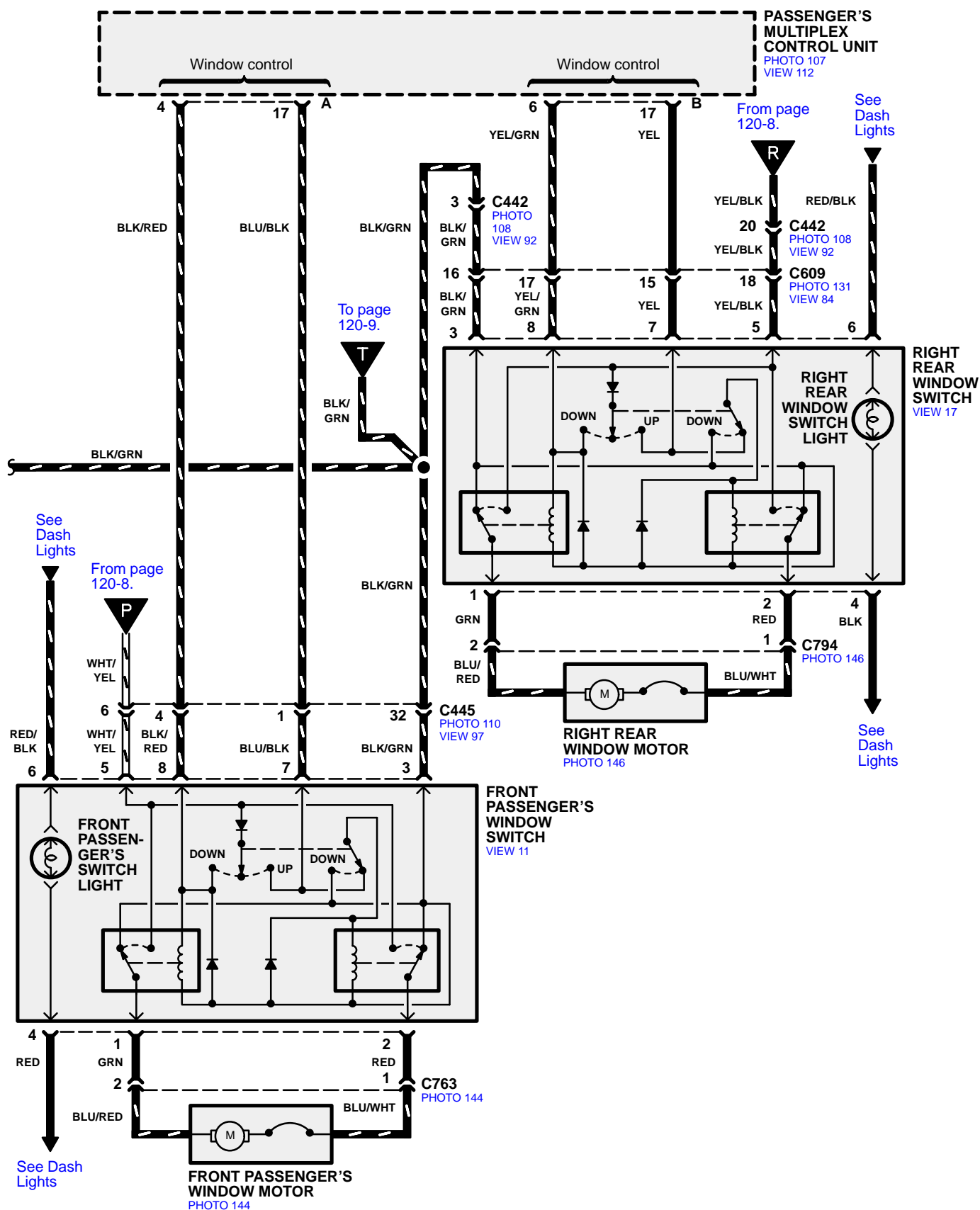




# Power Windows

- '99-'01

ProCarManuals.com



# Power Windows

## – How the Circuit Works

**CAUTION:** Disconnect the window switch connector before you start. You could unintentionally switch the window to “automatic down” while working in the driver’s door with the power on. The moving glass could injure your arms, hands, or fingers.

Battery voltage is applied at all times through fuse 36 to the power window relay contacts. Fuses 17, 18, 21, and 24 receive voltage through the power window relay and are controlled by the driver’s multiplex control unit.

### Driver’s Window

The driver’s power window master switch is part of the door multiplex control unit. When you hold the driver’s window switch in the UP or DOWN position, the door multiplex control unit applies power to the power window control unit which activates the driver’s window motor in the direction requested.

### Auto Up

The driver’s window is equipped with an AUTO UP feature. When you momentarily hold the driver’s window switch in the UP position, the door multiplex control unit applies power to the driver’s window motor. As the window moves up, the pulser in the driver’s window motor sends a pulsing ground signal to the door multiplex control unit. When the window reaches the fully up position, the pulsing signal stops and the door multiplex control unit removes power from the motor.

### Passenger Windows

All windows can be opened and closed at the driver’s power window master switch. The passenger windows can be disabled with this master switch. When the main switch is open, the power window master relay deenergizes and removes ground from the passenger window switches.

### Left Rear Window

The left rear window switch receives voltage through fuse 21. This switch contains two relays and an UP/DOWN switch. When you press the left rear window UP/DOWN switch, the corresponding relay energizes and the window switch relay coils are grounded through the power window master relay switch. Voltage is applied to one side of the window motor by the energized relay. The opposite power window motor terminal is grounded through the normally closed relay contacts in the deenergized power window switch relay. When you open or close the left rear window from the master power window switch, the door multiplex control unit sends a signal to the driver’s multiplex control unit through the BRN/YEL wire. The driver’s multiplex control unit turns on the window motor by supplying power to the YEL or YEL/GRN wire.

### Front Passenger’s and Right Rear Windows

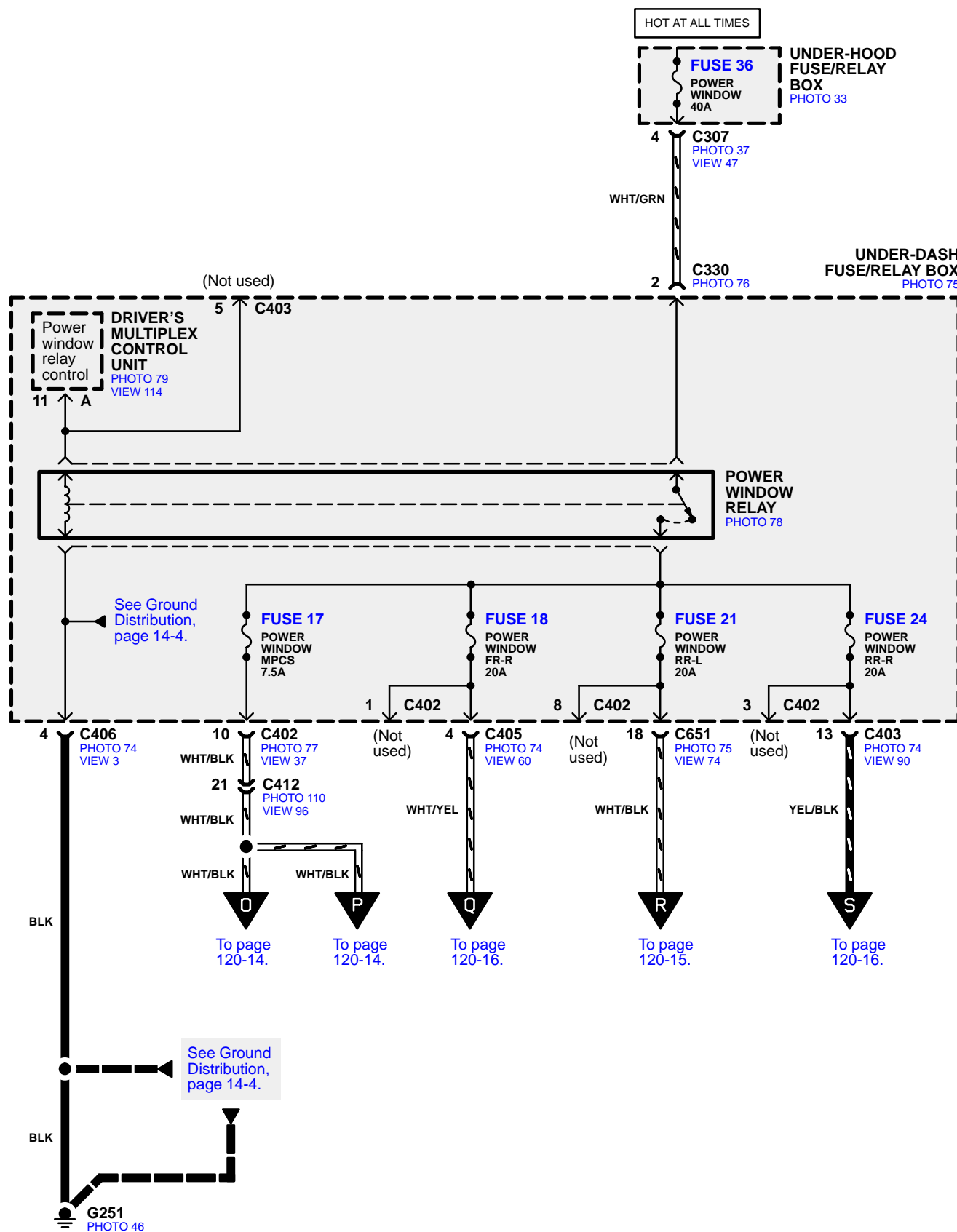
The front passenger’s and right rear window switches receive voltage through fuses 18 and 24 respectively. Each window switch contains two relays and an up/down switch. When you press the window UP/DOWN switch, the corresponding relay energizes and the window switch relay coils are grounded through the power window master relay switch. Voltage is applied to one side of the window motor by the energized relay. The opposite power window motor terminal is grounded through the normally closed relay contacts in the deenergized power window switch relay. When you open or close the front passenger’s or right rear window from the master power window switch, the door multiplex control unit sends a signal to the driver’s multiplex control unit through the BRN/YEL wire. The driver’s multiplex control unit sends this request to the passenger’s multiplex control unit and turns on the window motor by supplying power to the control wires to the corresponding window switch.

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.



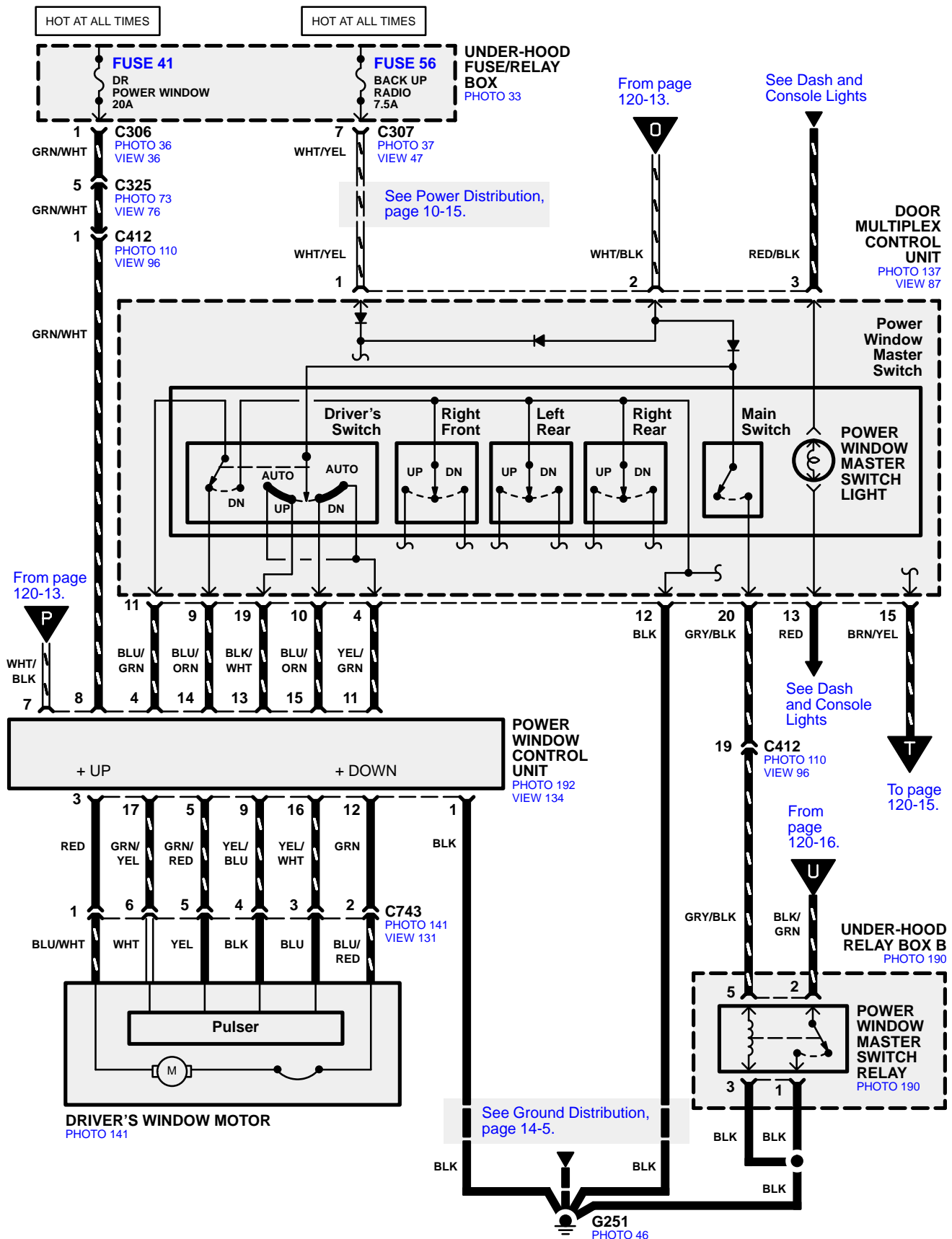
# Power Windows

– '02-'04



# Power Windows

— '02-'04

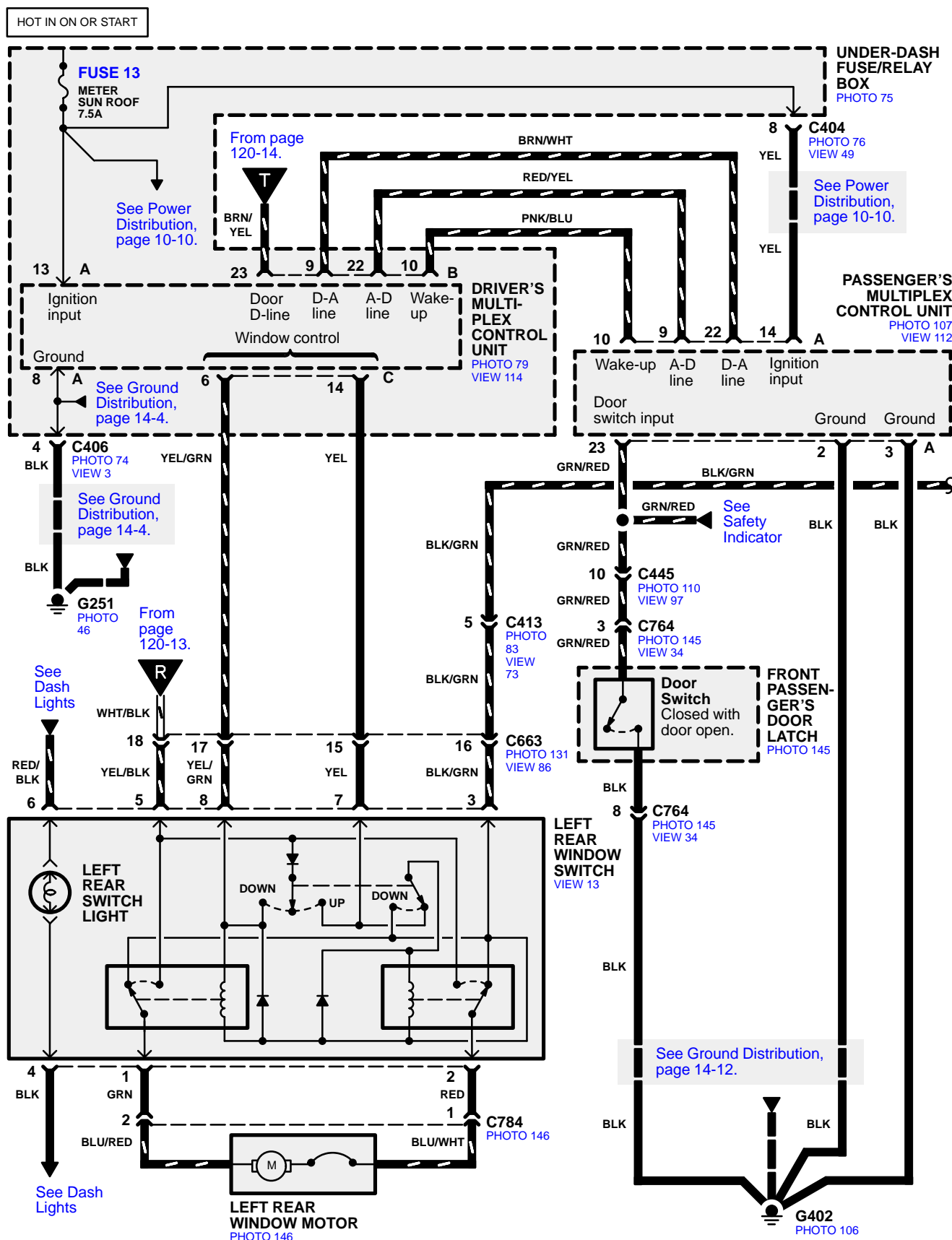






# Power Windows

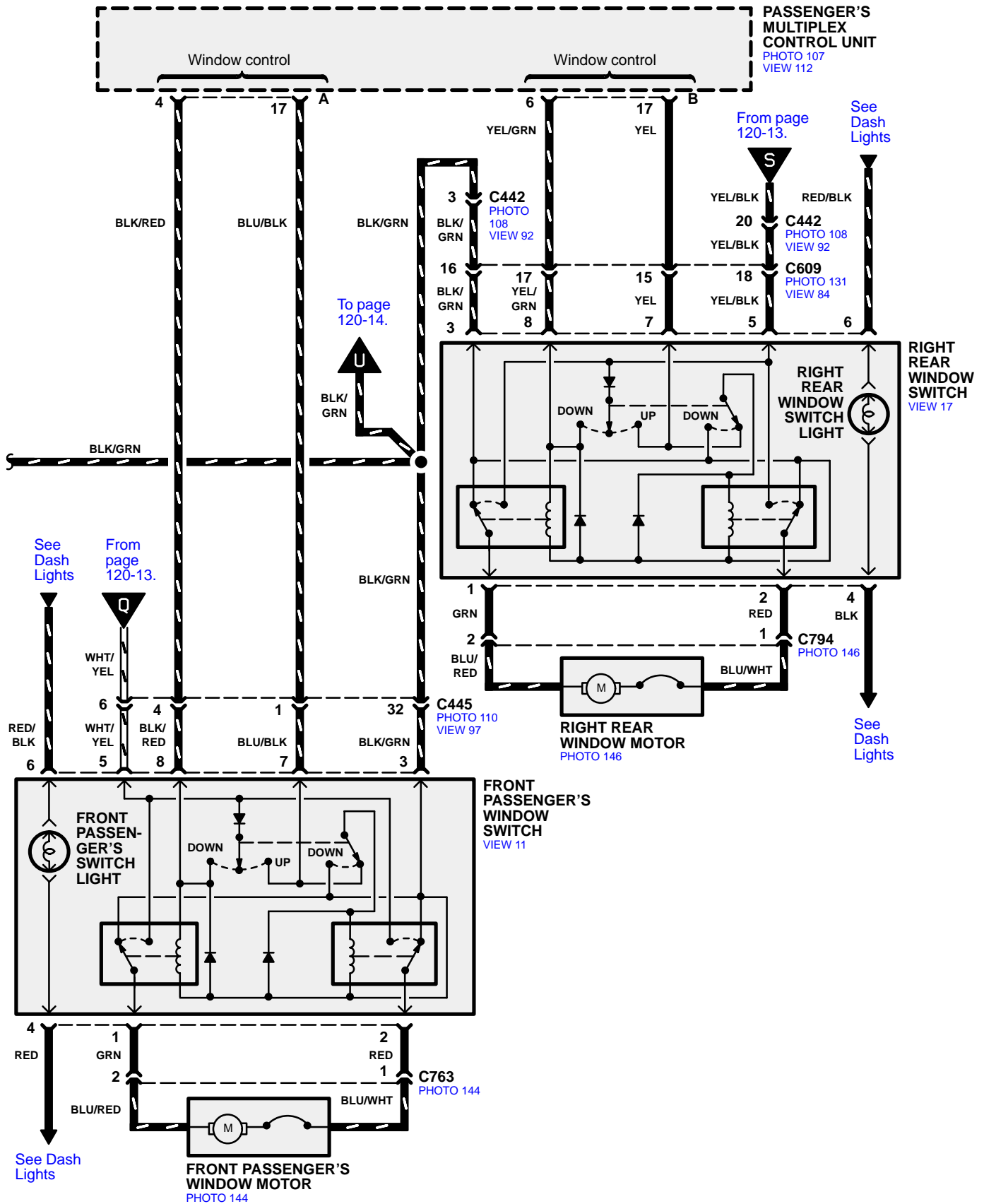
— '02-'04



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# Power Windows

- '02-'04





# Power Windows

## – How the Circuit Works

**CAUTION:** Disconnect the window switch connector before you start. You could unintentionally switch the window to “automatic down” while working in the driver’s door with the power on. The moving glass could injure your arms, hands, or fingers.

Battery voltage is applied at all times through fuse 36 to the power window relay contacts. Fuses 17, 18, 21, and 24 receive voltage through the power window relay and are controlled by the driver’s multiplex control unit.

### Driver’s Window

The driver’s power window master switch is part of the door multiplex control unit. When you hold the driver’s window switch in the UP or DOWN position, the door multiplex control unit applies power to the power window control unit which activates the driver’s window motor in the direction requested.

### Auto Up/Down Feature

The driver’s window is equipped with an AUTO UP feature. When you momentarily hold the driver’s window switch in the UP position, the door multiplex control unit applies power to the driver’s window motor. As the window moves up, the pulser in the driver’s window motor sends a pulsing ground signal to the door multiplex control unit. When the window reaches the fully up position, the pulsing signal stops and the door multiplex control unit removes power from the motor.

The AUTO DOWN feature is similar to the AUTO UP feature.

### Passenger Windows

All windows can be opened and closed at the driver’s power window master switch. The passenger windows can be disabled with this master switch. When the main switch is open, the power window master relay deenergizes and removes ground from the passenger window switches.

### Left Rear Window

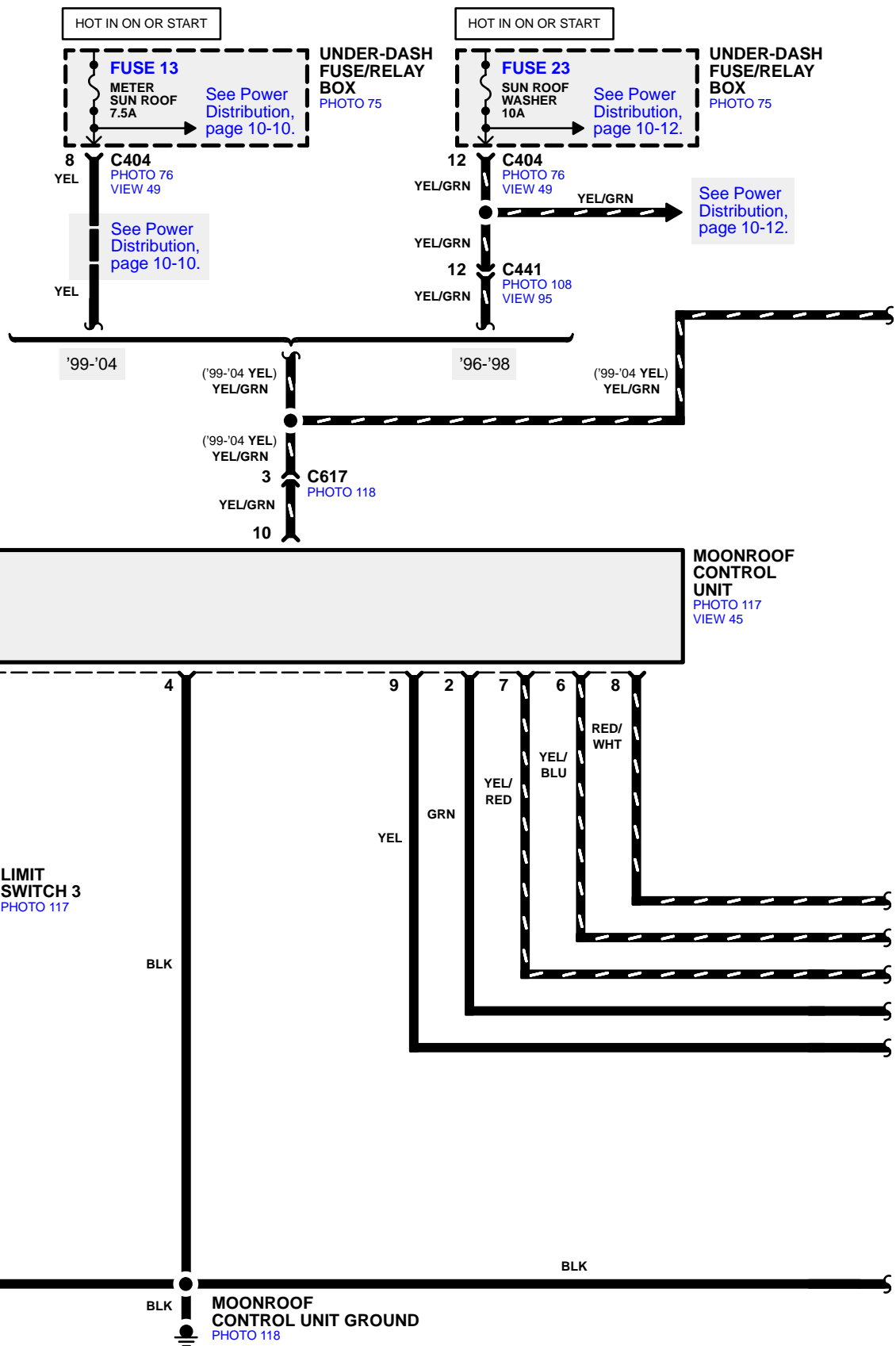
The left rear window switch receives voltage through fuse 21. This switch contains two relays and an UP/DOWN switch. When you press the left rear window UP/DOWN switch, the corresponding relay energizes and the window switch relay coils are grounded through the power window master relay switch. Voltage is applied to one side of the window motor by the energized relay. The opposite power window motor terminal is grounded through the normally closed relay contacts in the deenergized power window switch relay. When you open or close the left rear window from the master power window switch, the door multiplex control unit sends a signal to the driver’s multiplex control unit through the BRN/YEL wire. The driver’s multiplex control unit turns on the window motor by supplying power to the YEL or YEL/GRN wire.

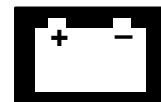
### Front Passenger’s and Right Rear Windows

The front passenger’s and right rear window switches receive voltage through fuses 18 and 24 respectively. Each window switch contains two relays and an up/down switch. When you press the window UP/DOWN switch, the corresponding relay energizes and the window switch relay coils are grounded through the power window master relay switch. Voltage is applied to one side of the window motor by the energized relay. The opposite power window motor terminal is grounded through the normally closed relay contacts in the deenergized power window switch relay. When you open or close the front passenger’s or right rear window from the master power window switch, the door multiplex control unit sends a signal to the driver’s multiplex control unit through the BRN/YEL wire. The driver’s multiplex control unit sends this request to the passenger’s multiplex control unit and turns on the window motor by supplying power to the control wires to the corresponding window switch.

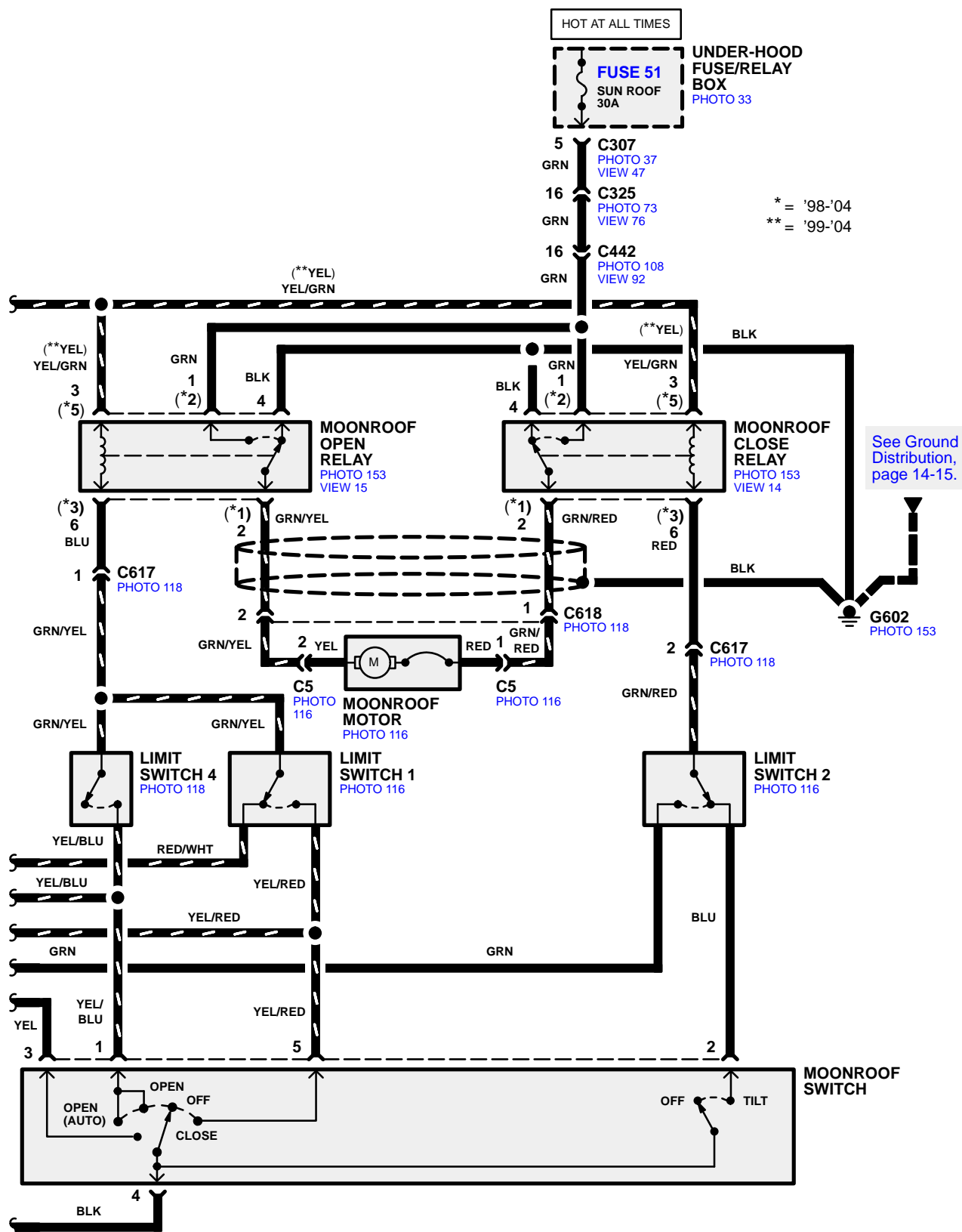
Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Moonroof





# Moonroof



# Moonroof

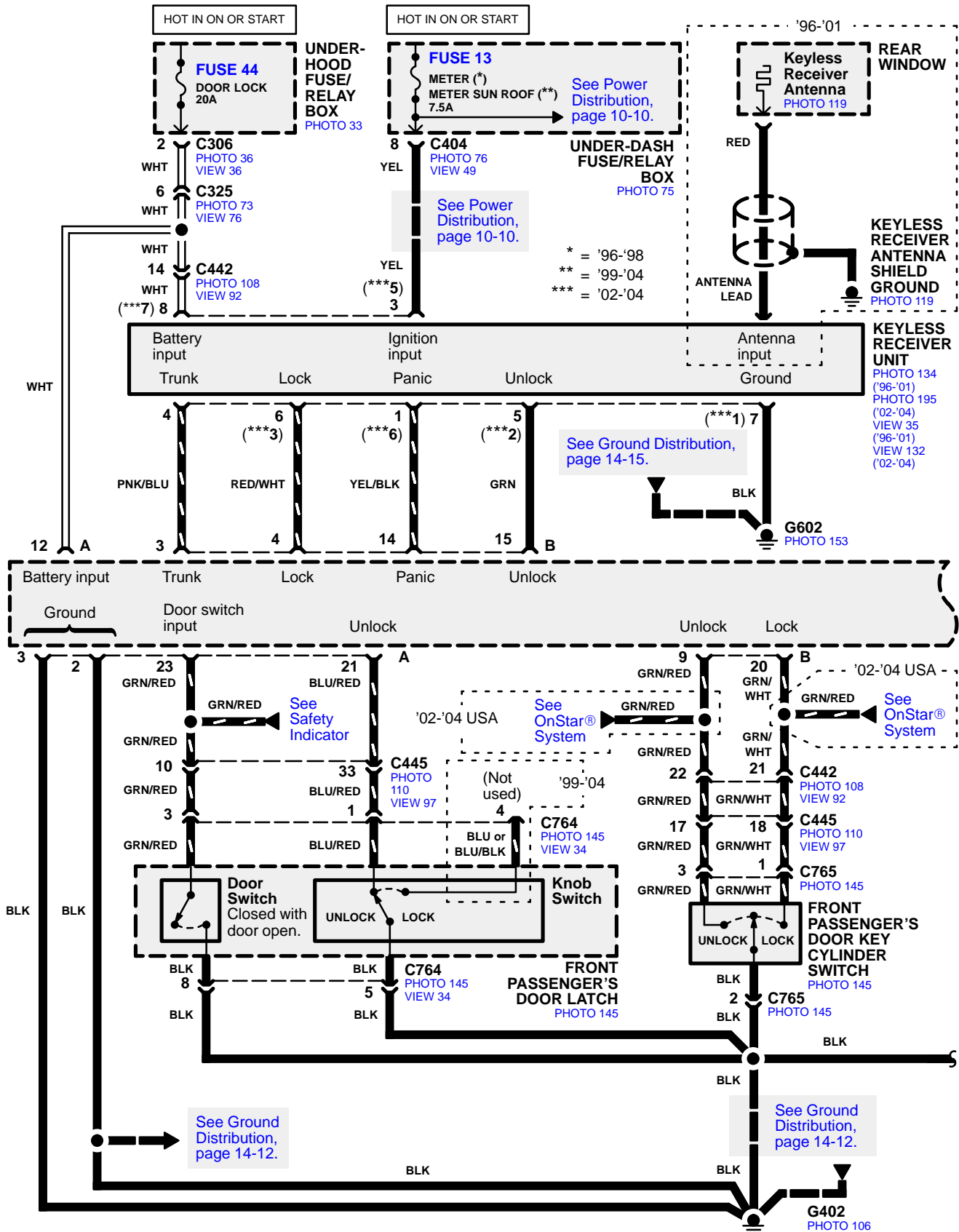
## – How the Circuit Works

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The moonroof is controlled by the moonroof control unit, moonroof switch, moonroof “open” relay, moonroof “close” relay, four limit switches, and the moonroof motor. With the ignition switch in ON (II) or START (III), voltage is supplied to the moonroof control unit, moonroof “open” relay coil, and moonroof “close” relay coil through fuse 23 ('96-'98) or fuse 13 ('99-'04). Fuse 51 supplies voltage to the moonroof “open” relay and the moonroof “close” relay normally-open contacts. The moonroof functions are controlled by the moonroof control unit which receives inputs from limit switch 1, limit switch 2, and limit switch 3.

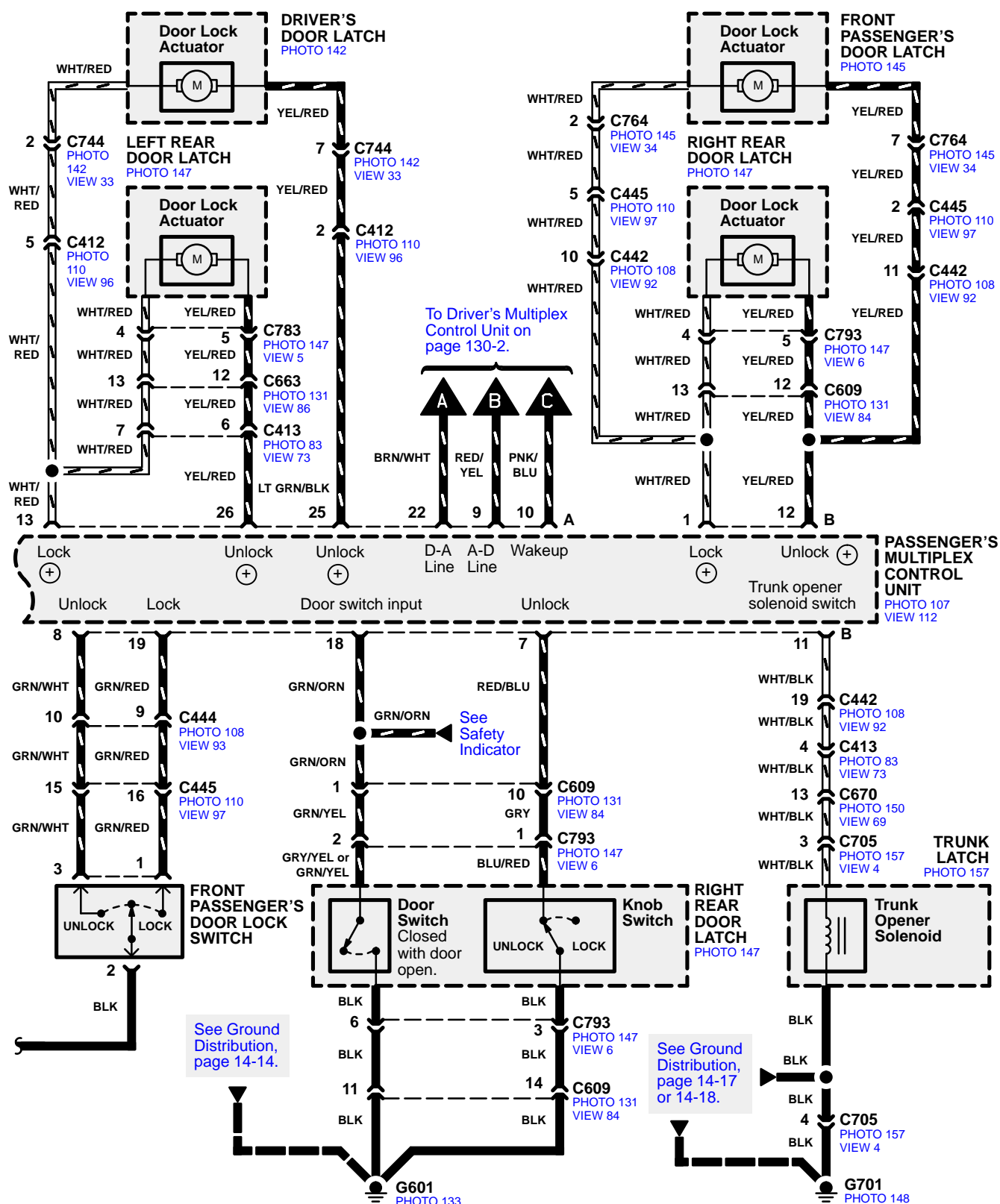
Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Power Door Locks/Keyless Entry





# Power Door Locks/Keyless Entry





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# Power Door Locks/Keyless Entry

## – How the Circuit Works

---

### Power Door Locks

The power door locks system includes the passenger's multiplex control unit, driver's multiplex control unit, door multiplex control unit, and keyless receiver unit. Battery voltage is applied through fuse 44 at all times to the passenger's multiplex control unit and the keyless receiver unit. The passenger's multiplex control unit, driver's multiplex control unit, and door multiplex control unit communicate with each other through the BRN/WHT D-A line, RED/YEL A-D line, BRN/YEL door D-line, and PNK/BLU wakeup line.

When you turn the key in the driver's door to the unlock position, a ground signal is sent to the door multiplex control unit. If you hold the key in the unlock position for more than 1 second, all doors will unlock.

Each door has a knob switch input and a door switch input to either the passenger's multiplex control unit, driver's multiplex control unit, or door multiplex control unit. The multiplex control units use these inputs to control the door key cylinder switch in each front door.

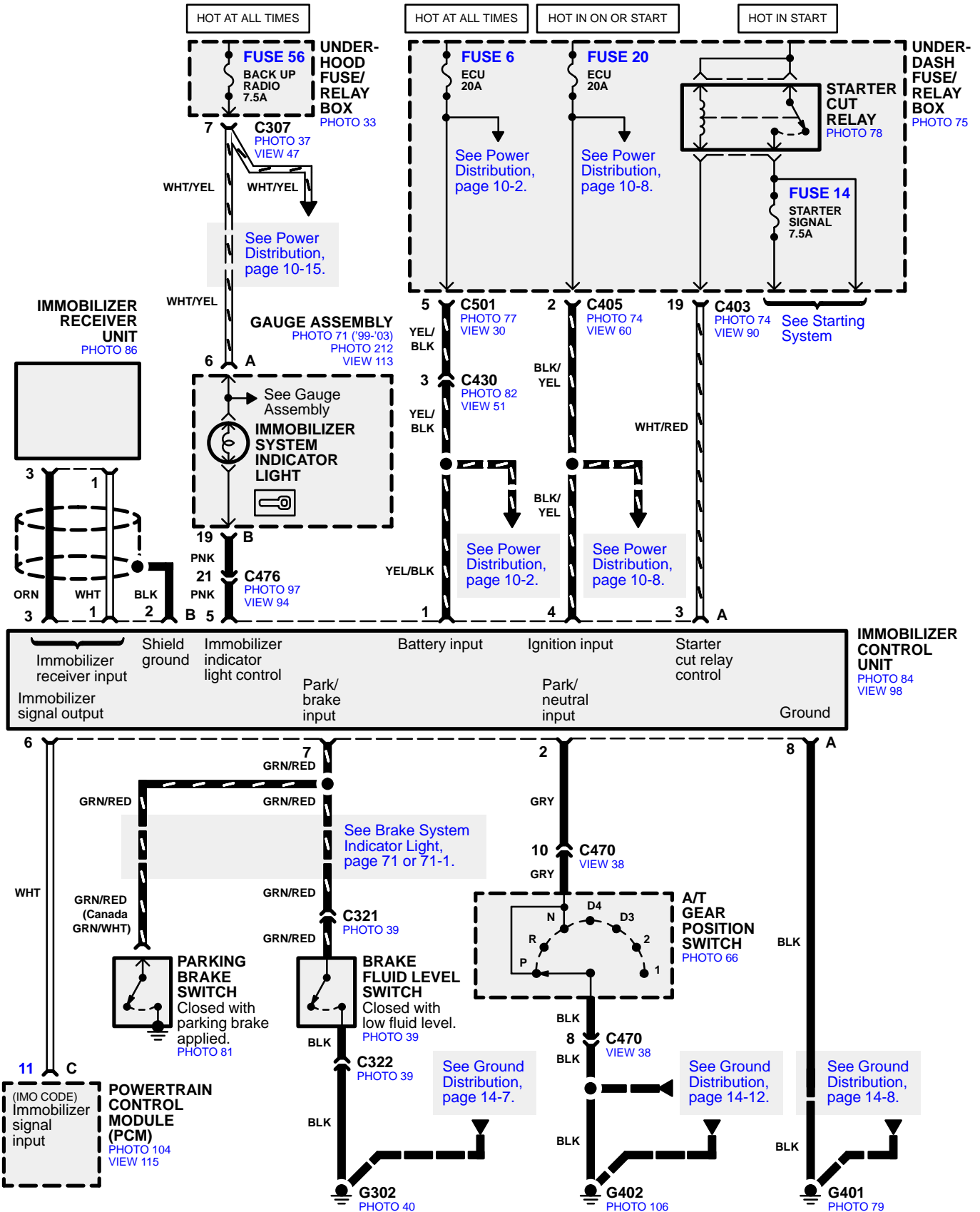
### Keyless Entry

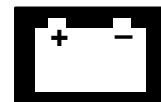
You can also unlock the doors and trunk with the remote transmitter. When you press the UNLOCK button on the transmitter, the driver's door will unlock. When you press the button again, the other doors will unlock. The doors will relock automatically after 30 seconds if a door is not opened or if the key is not in the ignition switch. If the key is in the ignition switch, the remote transmitter will not lock the doors.

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Immobilizer System

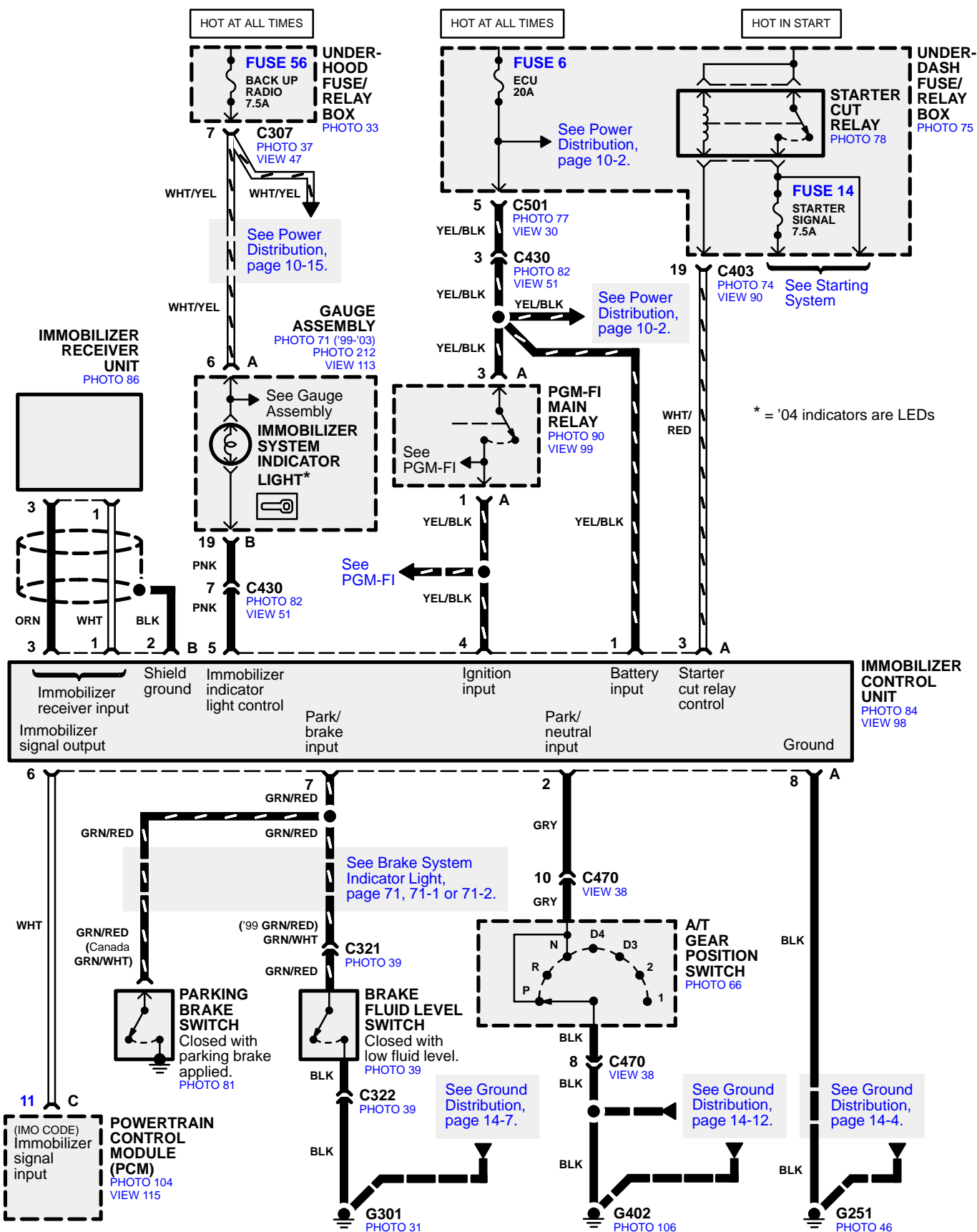
— '96-'98





# Immobilizer System

– '99-'04



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# Immobilizer System

## – How the Circuit Works

---

The immobilizer system is designed to prevent the car from being started without the owner's ignition key. If an attempt is made to start the car without the correct key, the immobilizer system will disable the car.

The immobilizer system consists of the immobilizer control unit, ignition key, immobilizer receiver unit, immobilizer indicator light, starter cut relay, powertrain control module (PCM), parking brake switch, and the A/T gear position switch.

The immobilizer control unit receives battery voltage through fuse 6 at all times. For '96-'98 models, when the ignition switch is in ON (II) or START (III) and the gear selector is in neutral or park, the immobilizer control unit receives an "ignition on" signal through fuse 20 and sends power to the ignition key transponder through the immobilizer receiver. For '99-'04 model vehicles, when the ignition switch is in ON (II) or START (III), the PGM-FI main relay coils are energized. The contacts close, and with the gear selector in neutral or park, the immobilizer control unit receives an "ignition on" signal through fuse 6 and sends power to the ignition key transponder through the immobilizer receiver unit. The transponder then sends a coded signal back to the control unit through the receiver. If the signal is correct, the control unit energizes the starter cut relay and sends a "fuel enable" signal to the PCM. The immobilizer indicator light flashes a code to indicate that the correct key is inserted. If the ignition key signal is not correct, the immobilizer control unit disables the starter cut relay and does not send a "fuel enable" signal to the PCM. The immobilizer indicator light then flashes a code to indicate that an incorrect key is inserted.

The ignition key must be programmed to the immobilizer control unit with the special ignition switch key (learning key).

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

– ‘96-‘98 USA

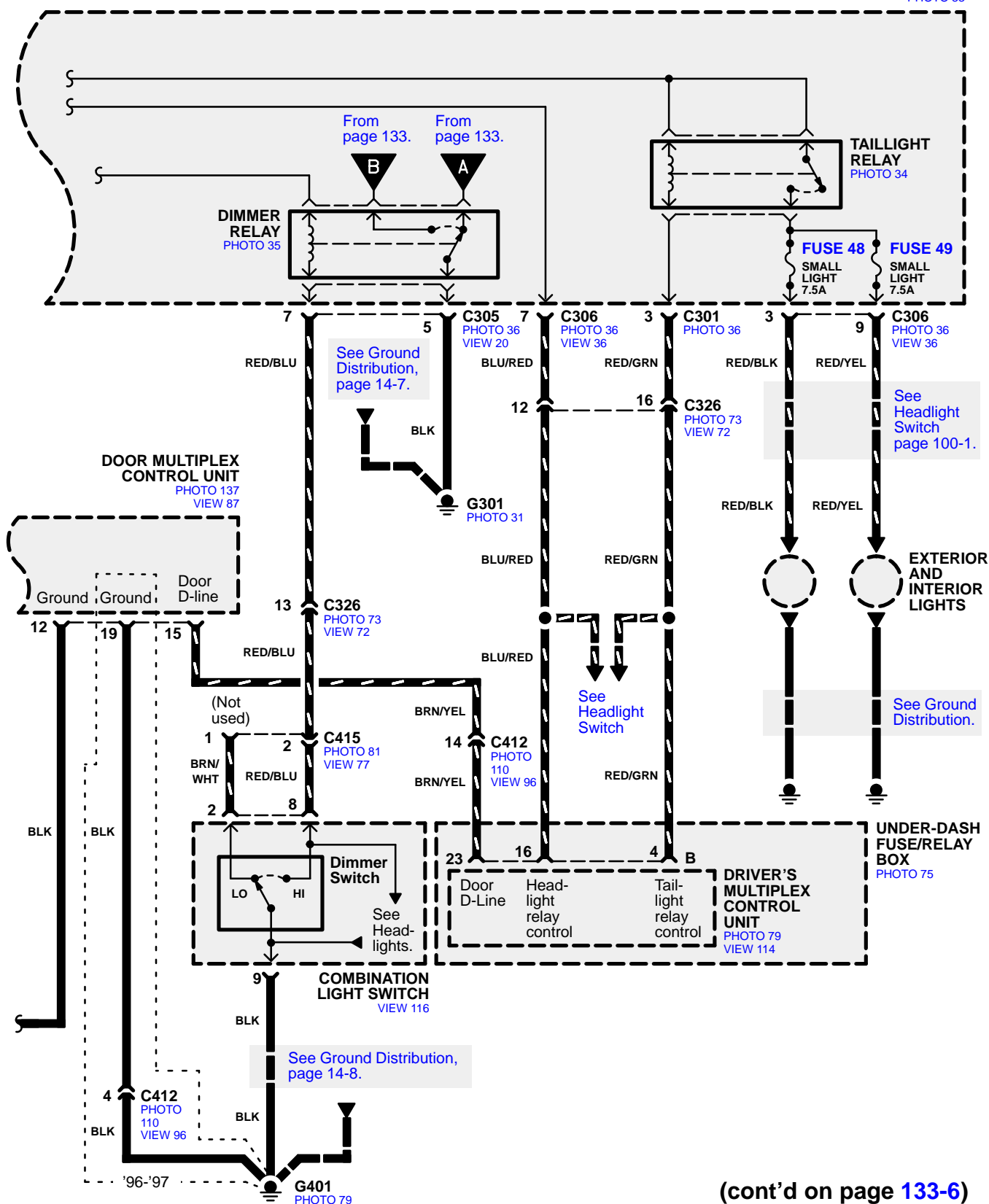




# Security System

— '96-'98 USA —

UNDER-HOOD  
FUSE/RELAY BOX  
PHOTO 33



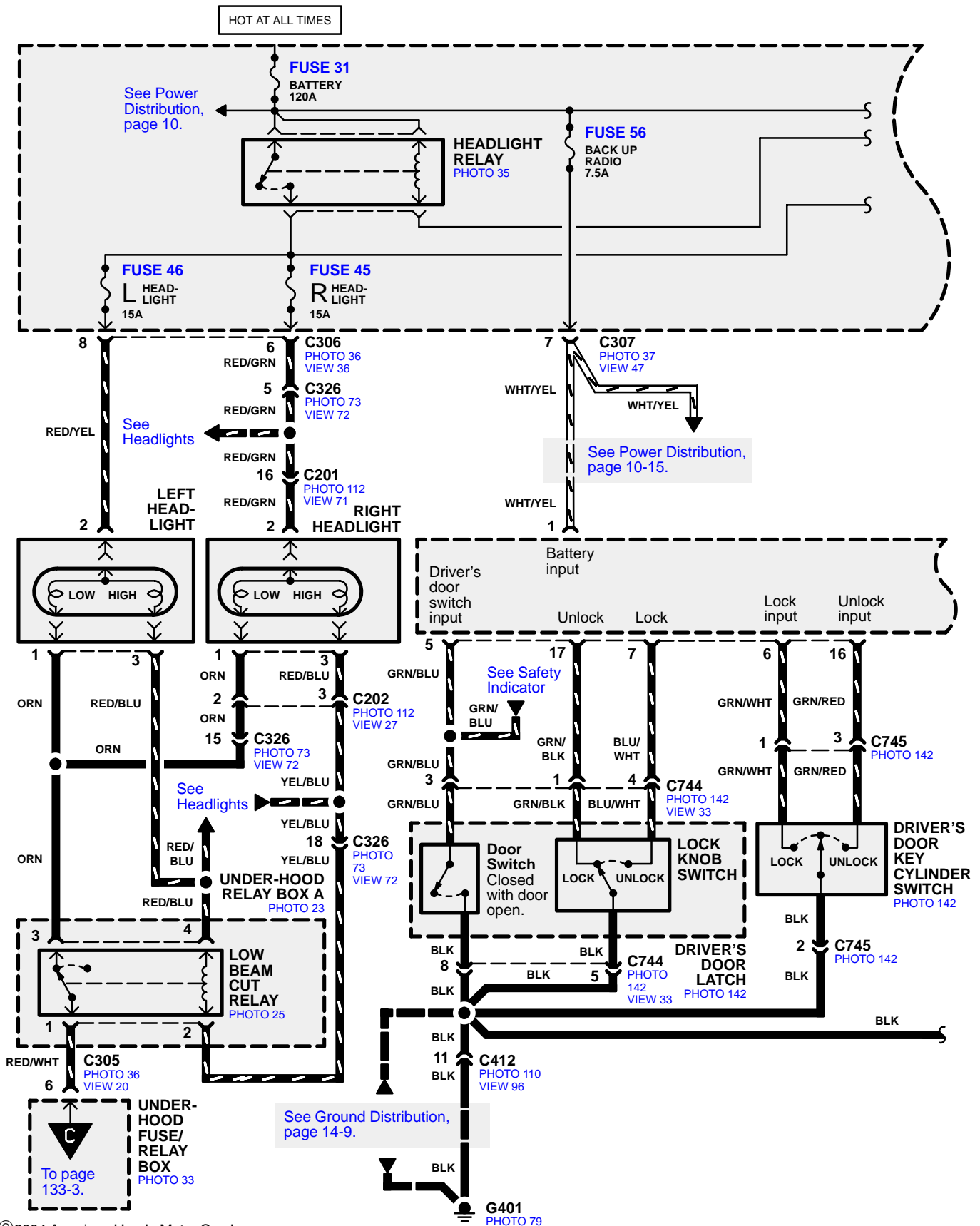
(cont'd on page 133-6)

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# Security System

– '96-'98 Canada

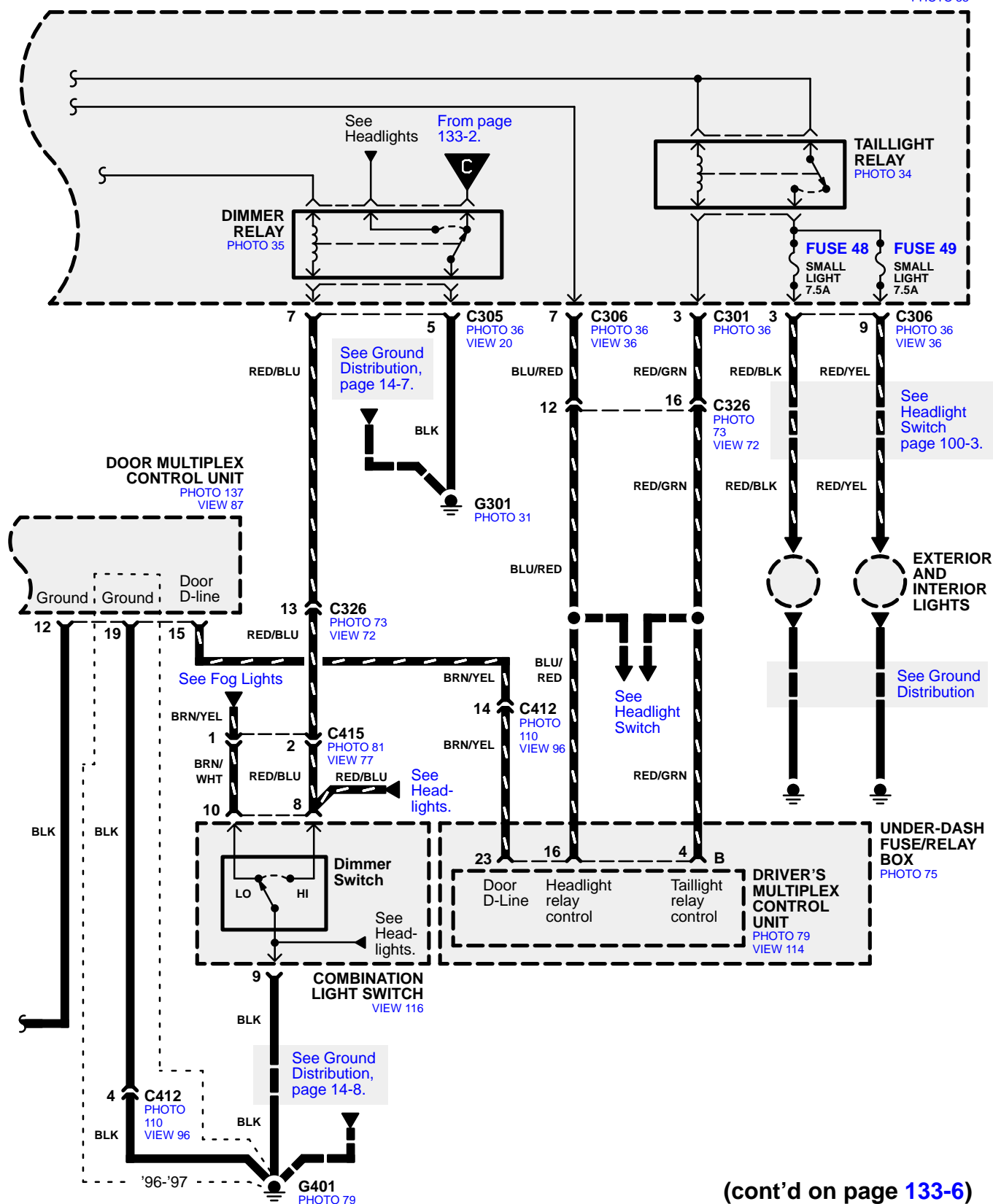




# Security System

– '96-'98 Canada

UNDER-HOOD  
FUSE/RELAY BOX  
PHOTO 33

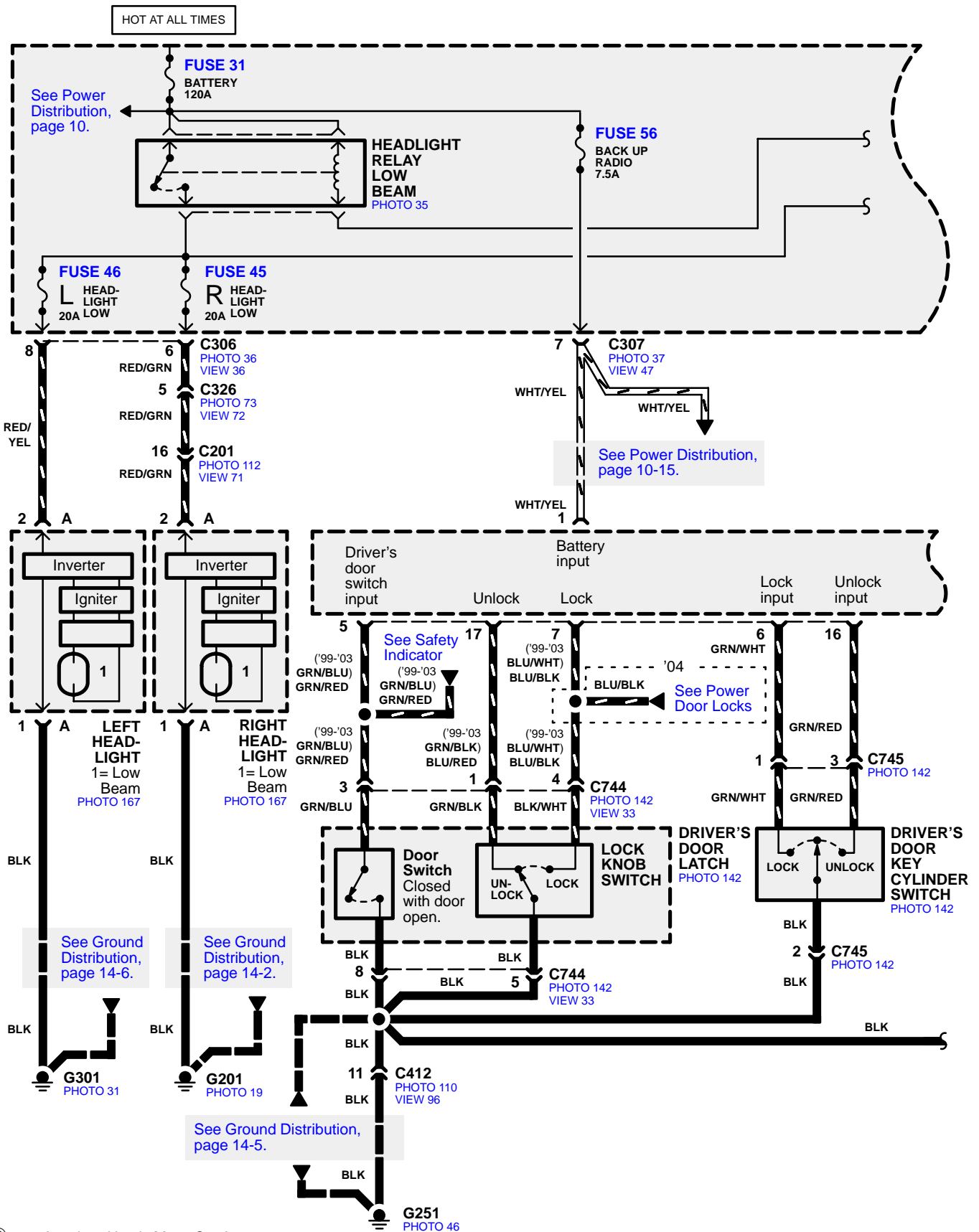


(cont'd on page 133-6)

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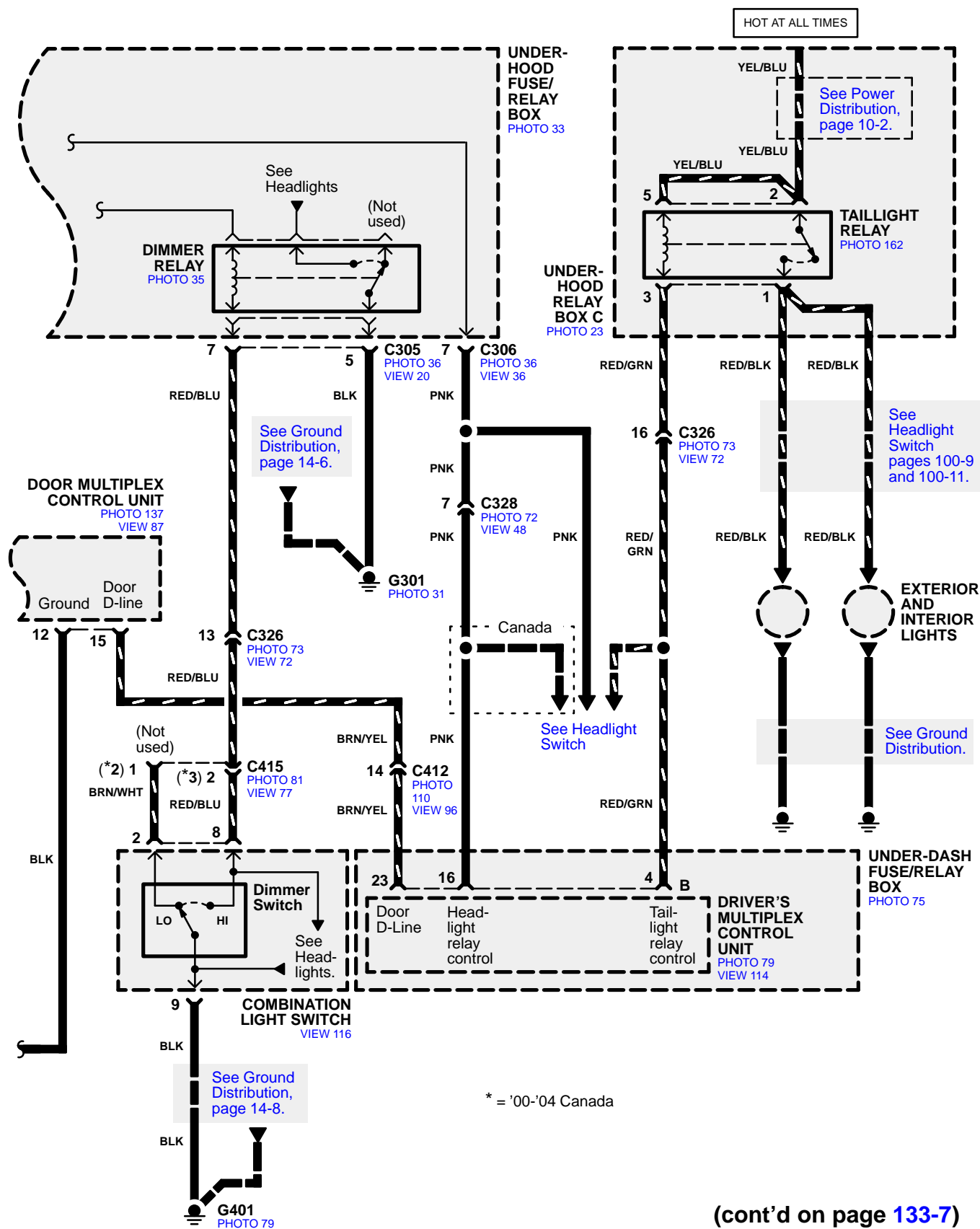
# Security System

— '99-'04



# Security System

– '99-'04

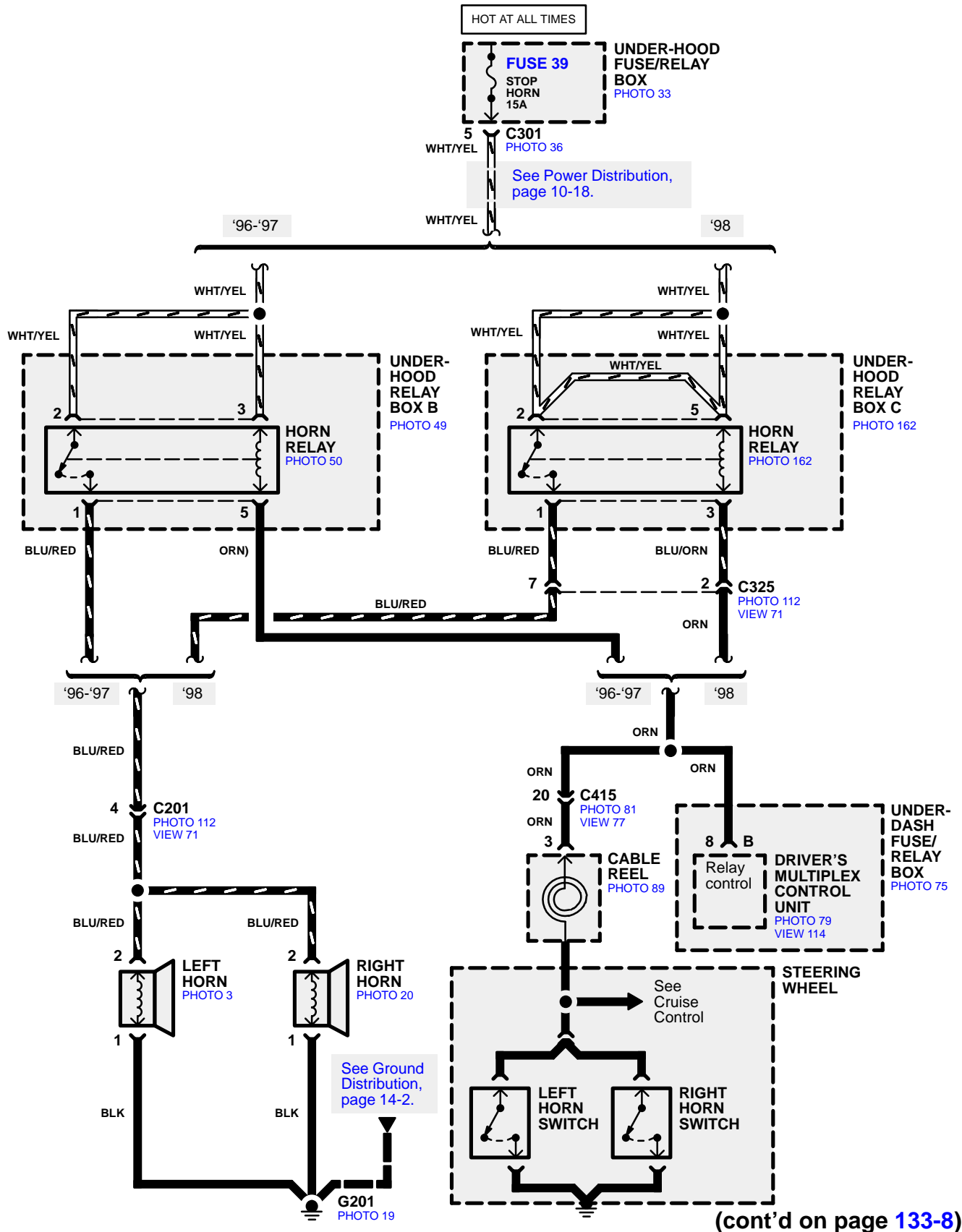


(cont'd on page 133-7)

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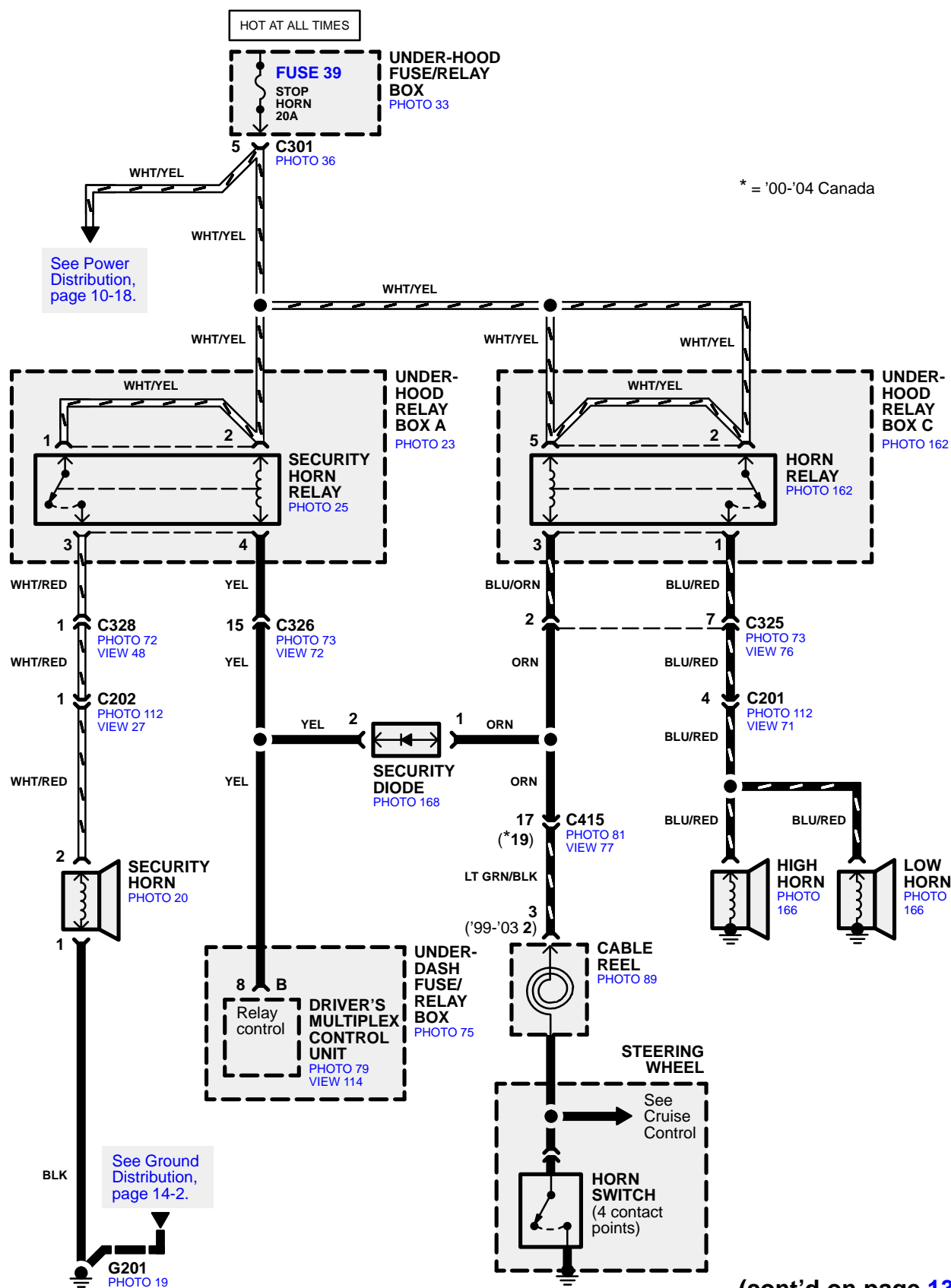
# Security System

– '96-'98



# Security System

– '99-'04

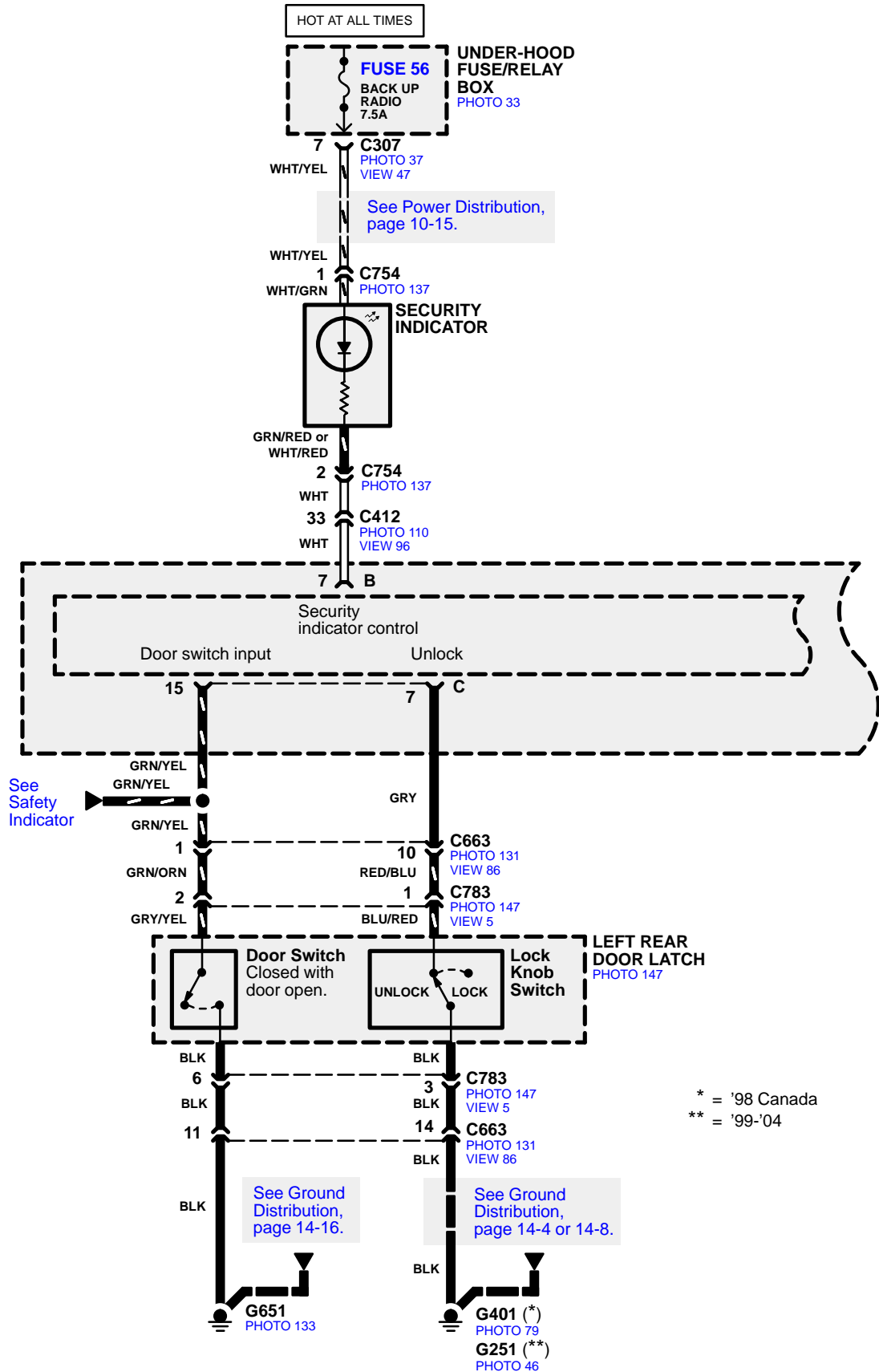


(cont'd on page 133-8)

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# Security System

– '96-'04



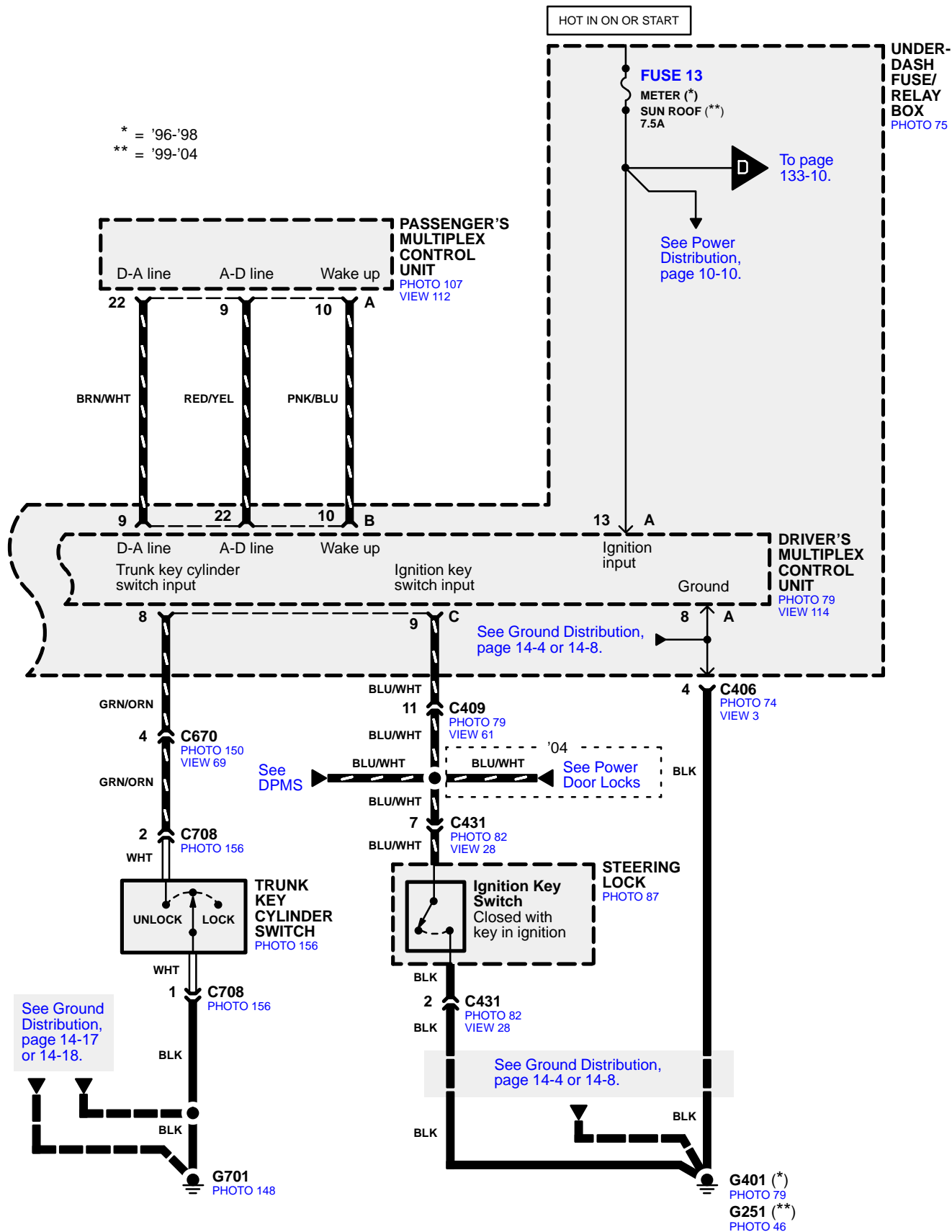


# Security System

– '96-'04

\* = '96-'98

\*\* = '99-'04



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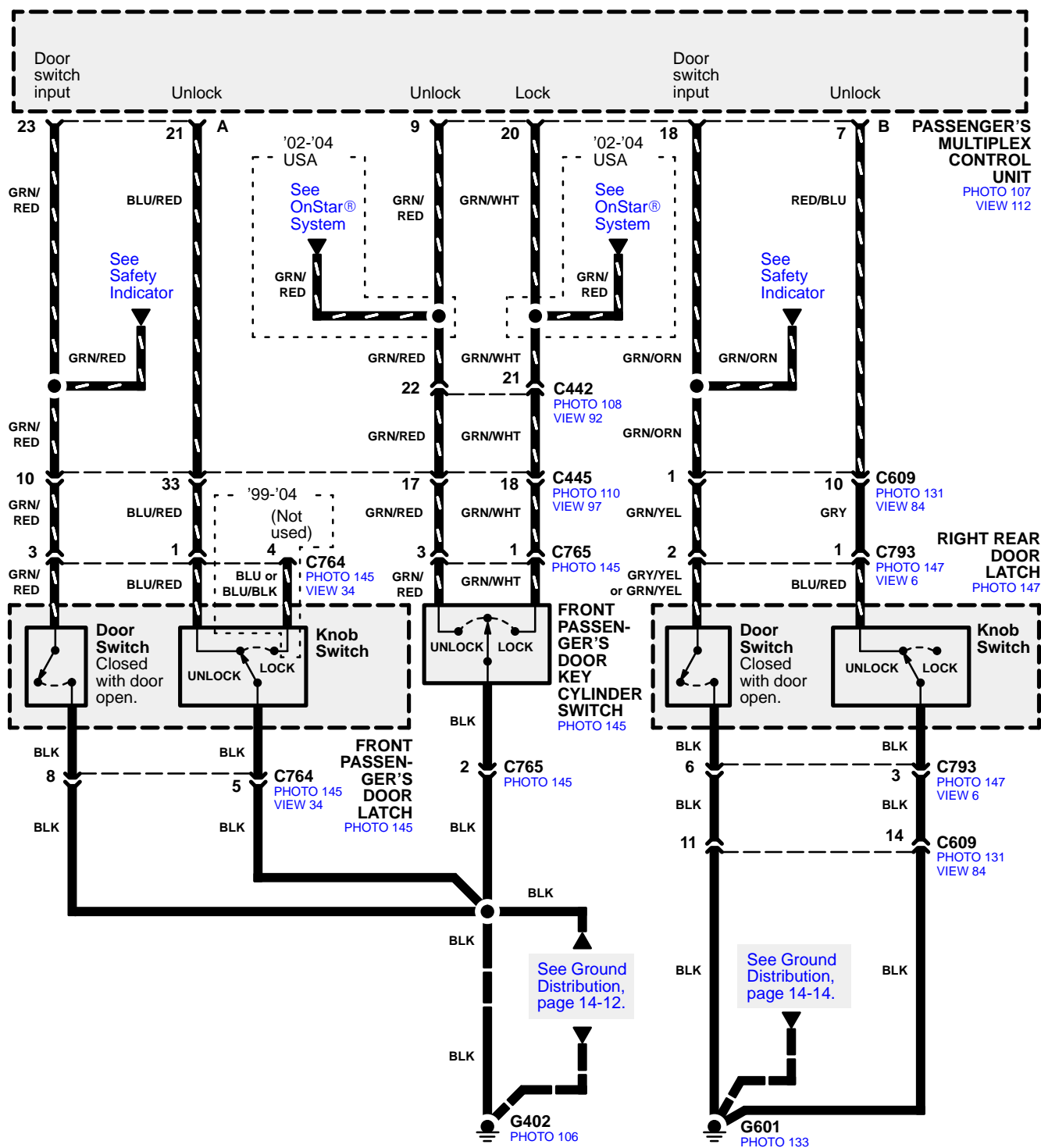
**- '96-'04**



# Security System

– 96-'04

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# Security System

## – How the Circuit Works

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Instead of a single control unit, the security system uses a door multiplex control unit, driver's multiplex control unit, and passenger's multiplex control unit to receive inputs from the door switches and other components.

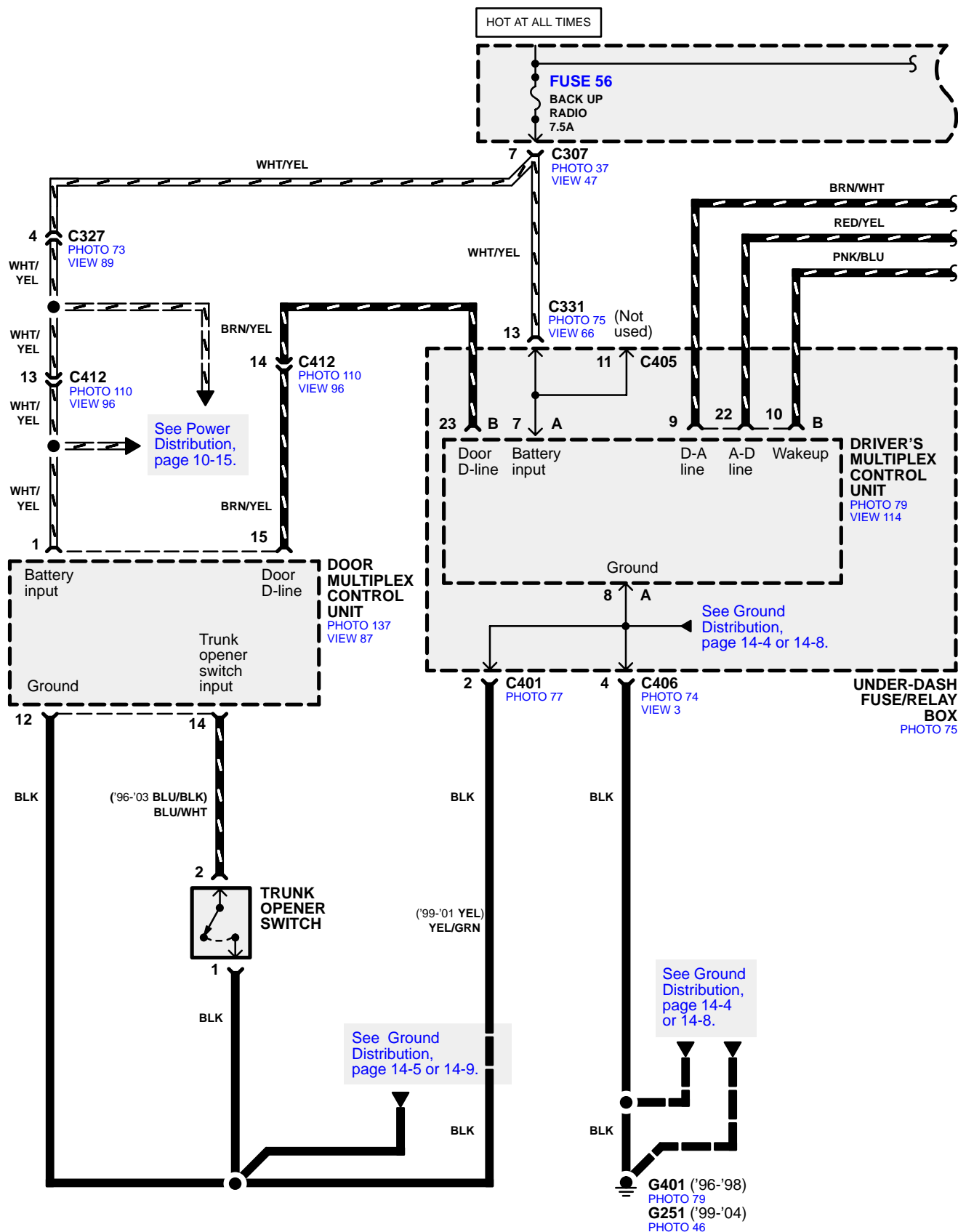
The security system is activated automatically 15 seconds after the hood, trunk, and all the doors have been closed and locked. The security indicator on the driver's door panel will flash after the system is activated.

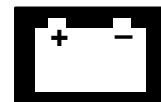
If any of the following conditions occur, the horns will sound and the headlights, side marker lights, parking lights, and taillights will flash for about two minutes unless the system is disarmed by unlocking either front door with the key.

- Any door is opened forcibly.
- Trunk lid is opened without the key.
- Hood is opened.
- Engine starter circuit and battery circuit are bypassed by breaking the ignition switch.
- Hood/trunk lid opener is operated.
- Panic button on the transmitter is pushed.

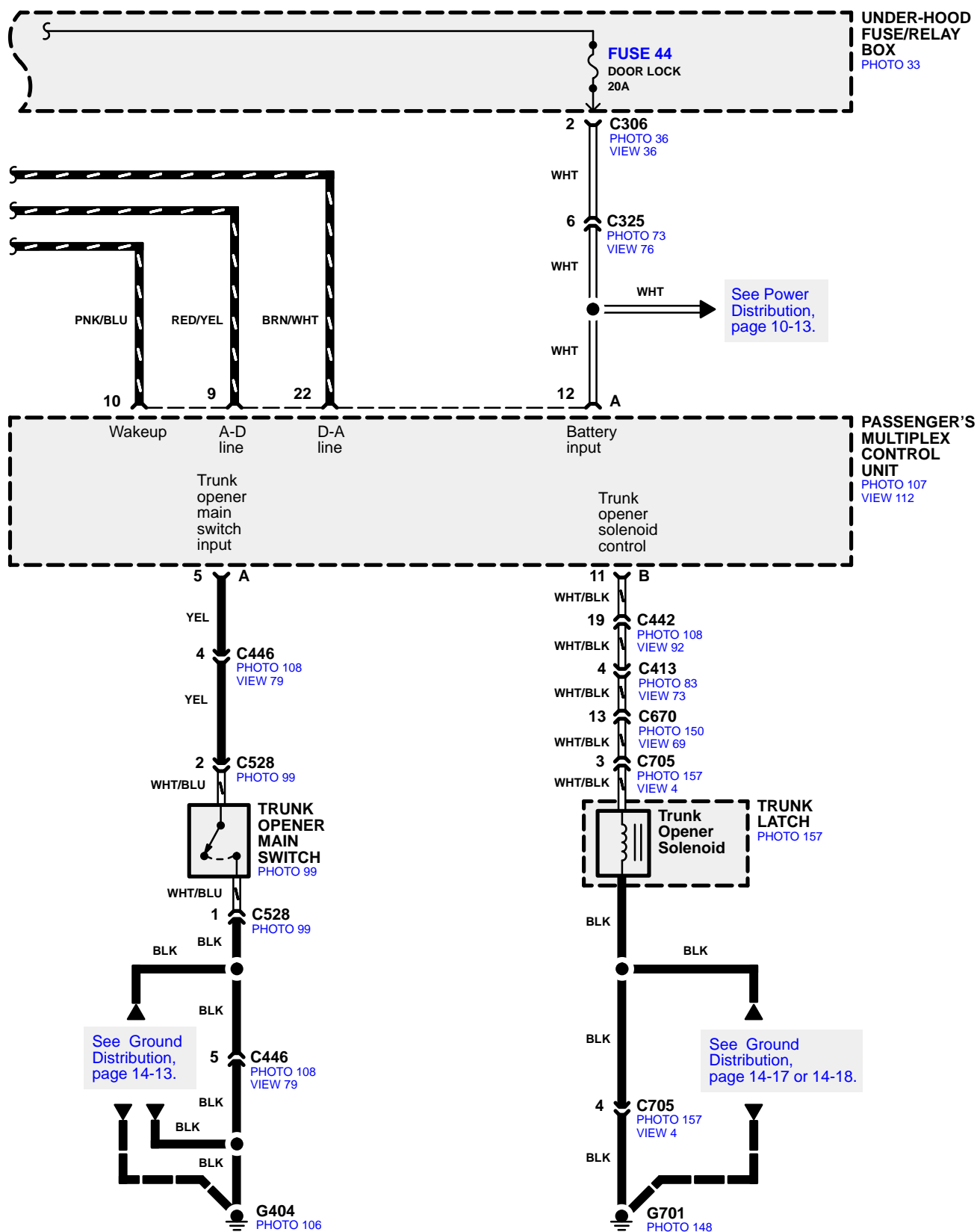
Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

# Trunk Opener





# Trunk Opener



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# Interlock System

## – How the Circuit Works

### Key Interlock

Battery voltage is supplied at all times through fuse 39 to the key interlock switch. When you put the key in the ignition, battery voltage is supplied to the key interlock solenoid and the driver's multiplex control unit. When you move the A/T shift lever to PARK and release the push button, the driver's multiplex control unit removes ground from the key interlock solenoid, the solenoid is deenergized, and the key can be removed from the ignition.

### Shift Position Interlock

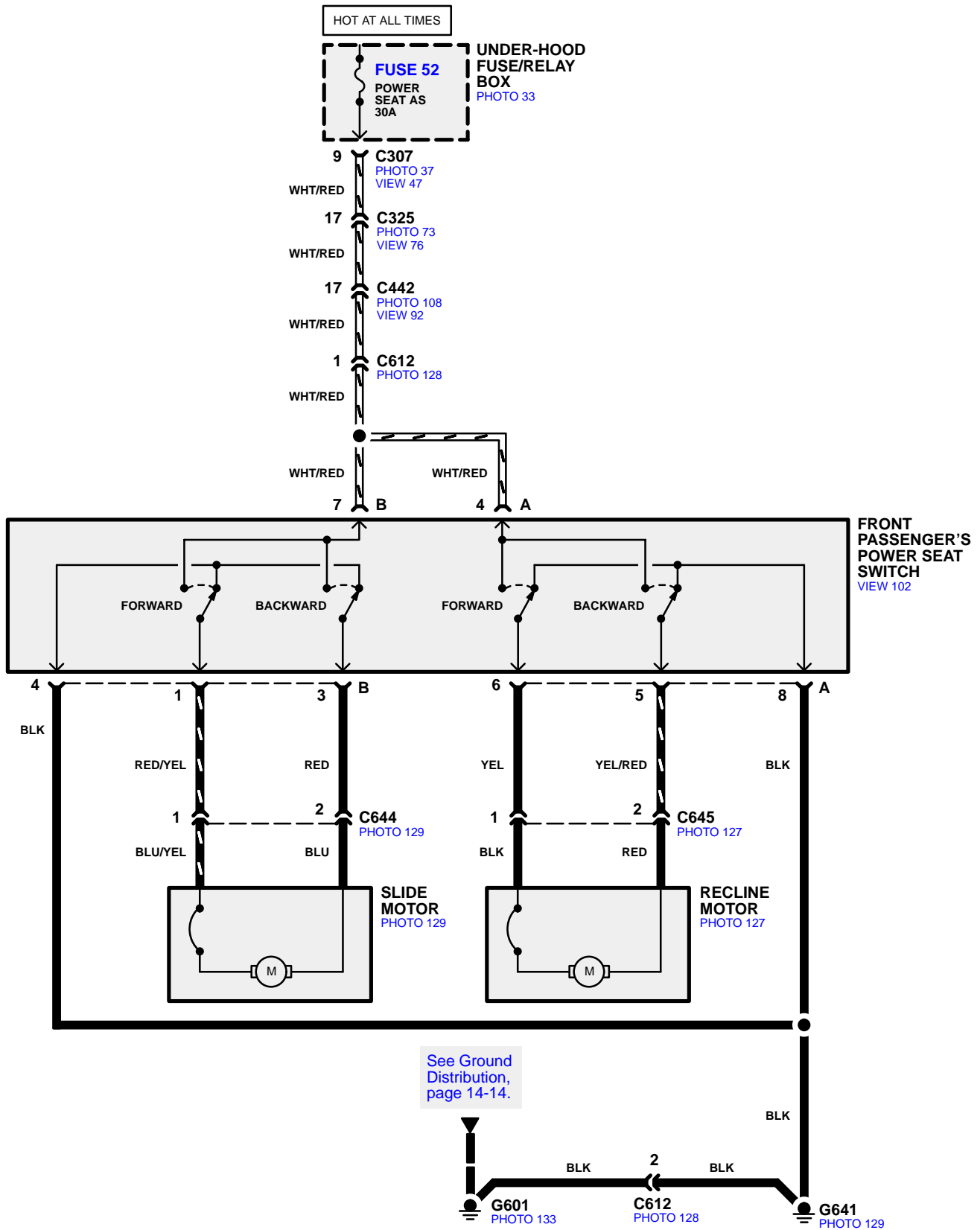
Battery voltage is supplied at all times through fuse 39 to the brake pedal position switch. With the ignition in ON (II) or START (III), battery voltage is supplied through fuse 20 to the shift lock solenoid. When you push the brake pedal, battery voltage is applied through the GRN/WHT wire to the powertrain control module (PCM). If, at the same time, you do not push the accelerator pedal, a low voltage signal is sent through the RED/BLK wire to the PCM. The PCM then applies voltage through the WHT/GRN wire to the shift lock circuit in the driver's multiplex control unit. If the shift lever is in the PARK position, the shift lock circuit provides ground to the shift lock solenoid. The solenoid is then energized and the shift lever can be moved from the PARK position.

Refer to the Service Manual (Section 14, Automatic Transmission) for specific tests or troubleshooting procedures.

# Power Seats

## – Front Passenger's Seat

Note: Refer to page 143, Driver's Position Memory System (DPMS), for Driver's Power Seat circuit schematic.

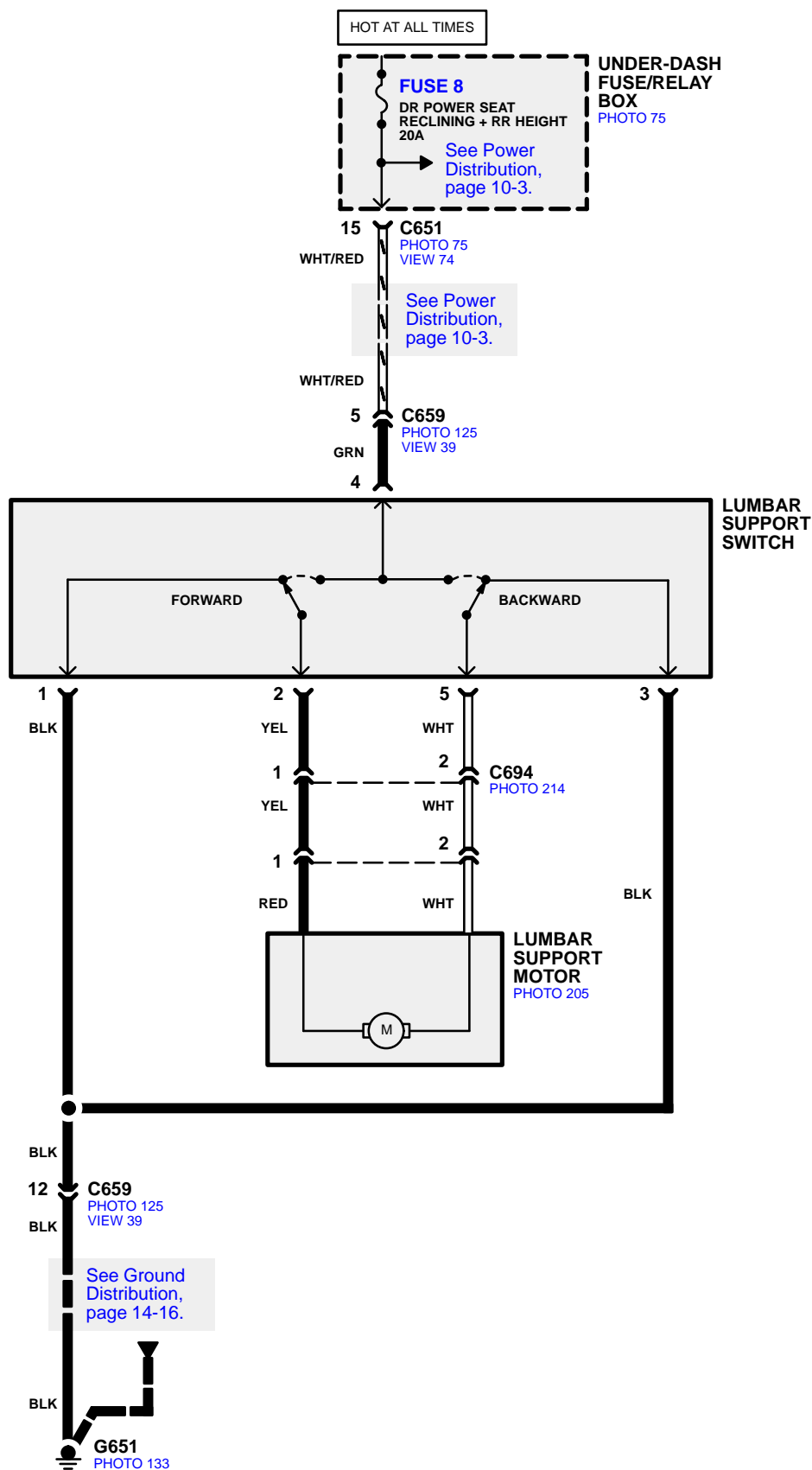






# Power Seats

## - '04 Lumbar Support System



# Power Seats

## – How the Circuit Works

### Front Passenger's Seat

Power is supplied to the front passenger's power seat switch through fuse 52 at all times.

#### Slide

When you push the slide switch to the FORWARD position, voltage is supplied to the slide motor through the RED/YEL wire, and the motor runs, moving the seat forward. With the switch in FORWARD, the slide motor is grounded through the RED wire and the normally closed contacts of the backward switch.

When you move the slide switch to the BACKWARD position, voltage is supplied to the slide motor through the RED wire, and the motor runs, moving the seat back. With the switch in BACKWARD, the slide motor is grounded through the RED/YEL wire and the normally closed contacts of the forward switch.

#### Recline

When you push the recline switch to the FORWARD position, voltage is supplied to the recline motor through the YEL wire, and the motor runs, tilting the seatback forward. With the switch in FORWARD, the recline motor is grounded through the YEL/RED wire and the normally closed contacts of the backward switch.

When you push the recline switch to the BACKWARD position, voltage is supplied to the recline motor through the YEL/RED wire, and the motor runs, tilting the seatback back. With the switch in BACKWARD, the recline motor is grounded through the YEL wire and the normally closed contacts of the forward switch.

Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

### Lumbar Support

Power is supplied to the lumbar support switch through fuse 8 at all times.

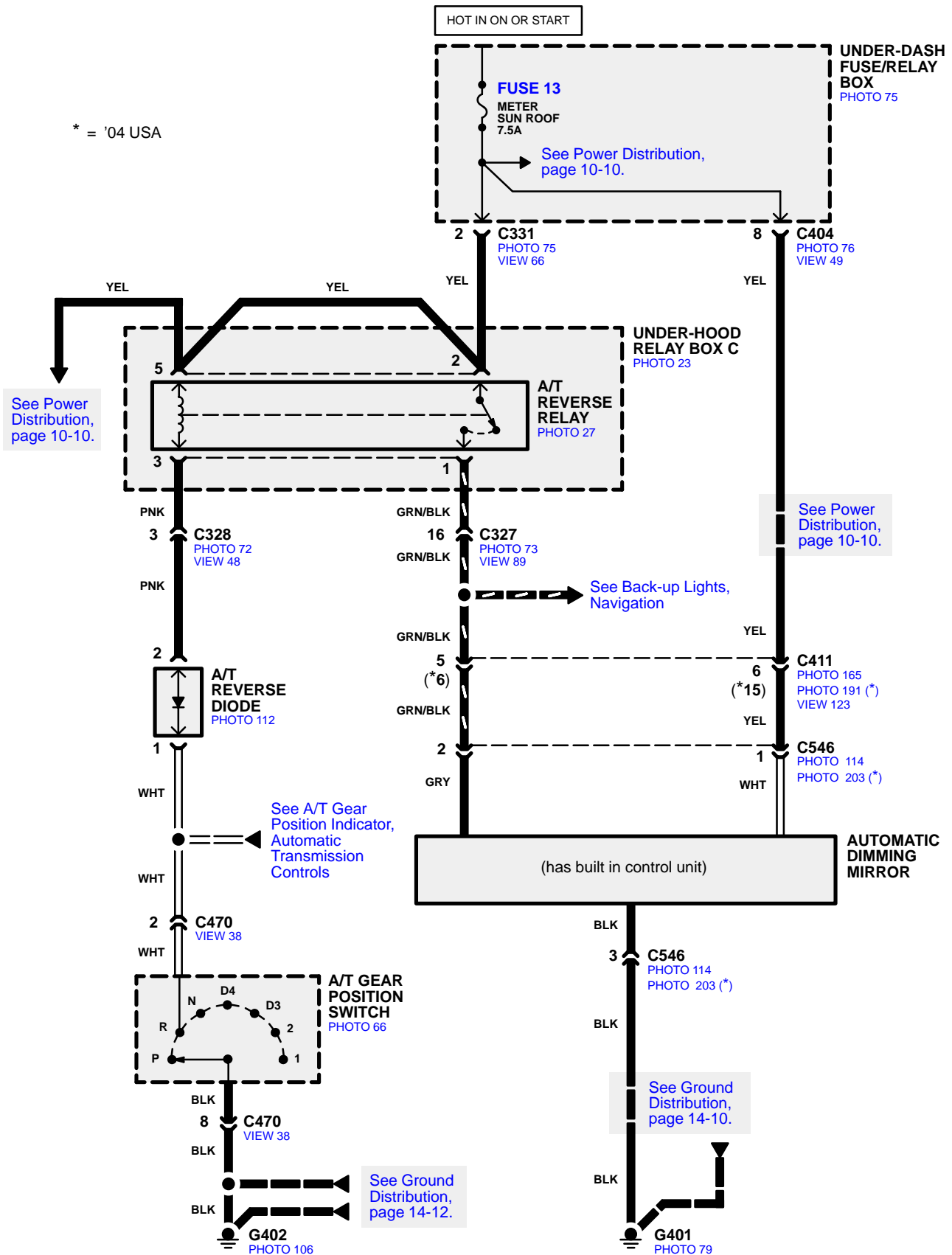
When you push the lumbar support switch to the FORWARD position, voltage is supplied to the lumbar motor through the GRN wire, and the motor runs, inflating the lumbar. With the switch in FORWARD, the lumbar support motor is grounded through the BLK wire and the normally closed contacts of the backward switch.

When you push the lumbar support switch to the BACKWARD position, voltage is supplied to the lumbar motor through the GRN wire, and the motor runs, deflating the lumbar. With the switch in BACKWARD, the lumbar support motor is grounded through the BLK wire and the normally closed contacts of the forward switch.

# Automatic Dimming Mirror

– '99-'01, '02-'04 Canada and '04 USA

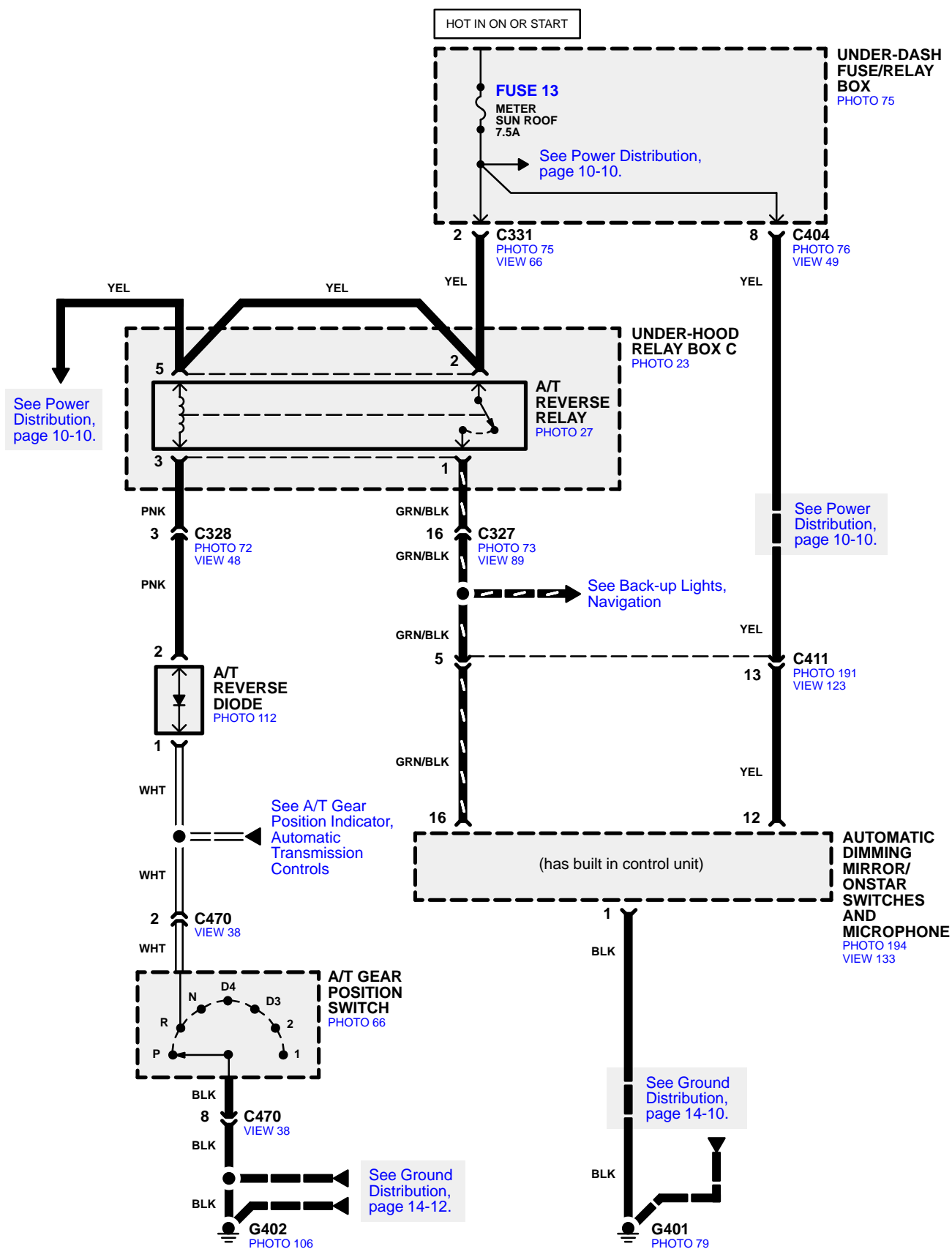
\* = '04 USA





# Automatic Dimming Mirror

- '02-'03 USA

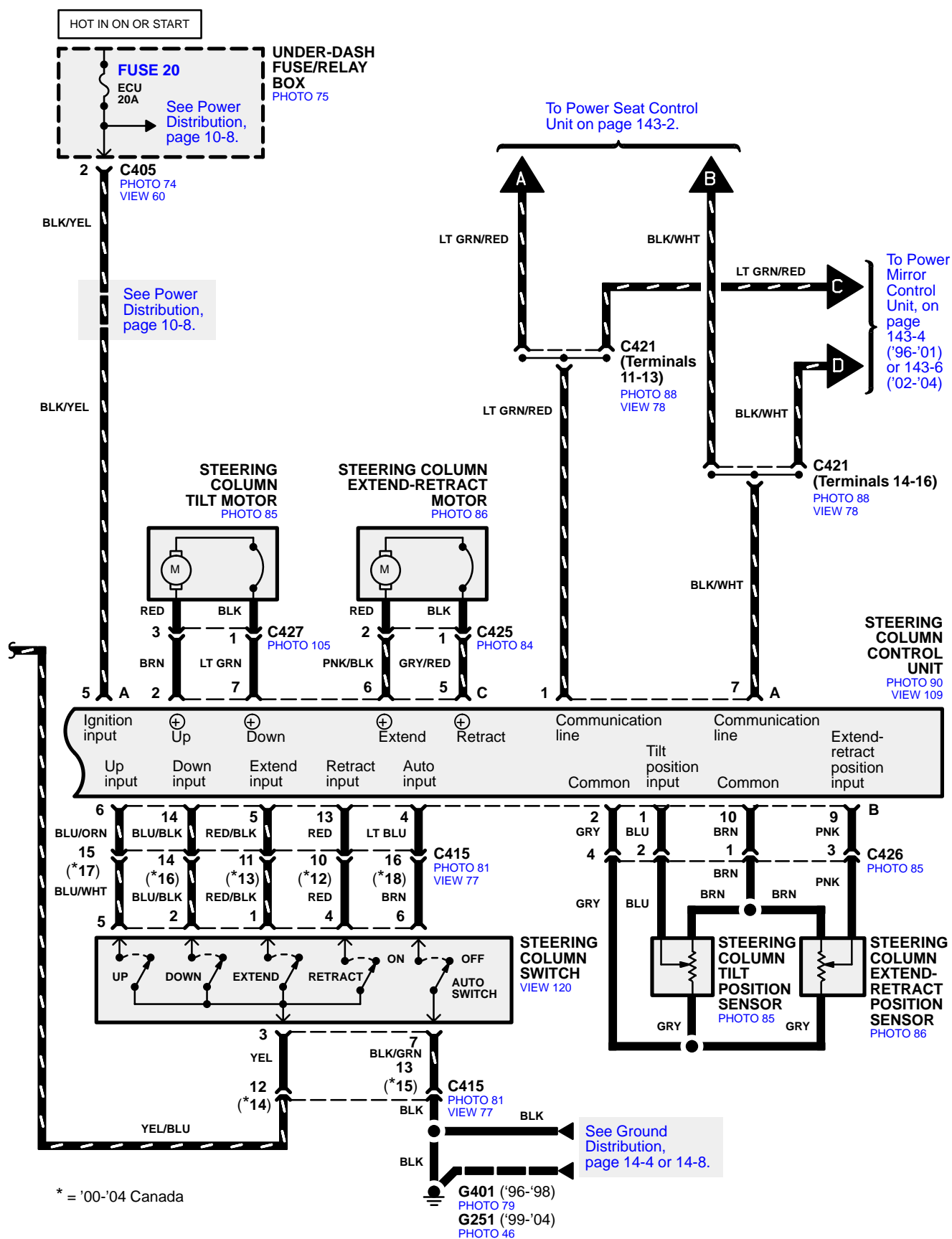


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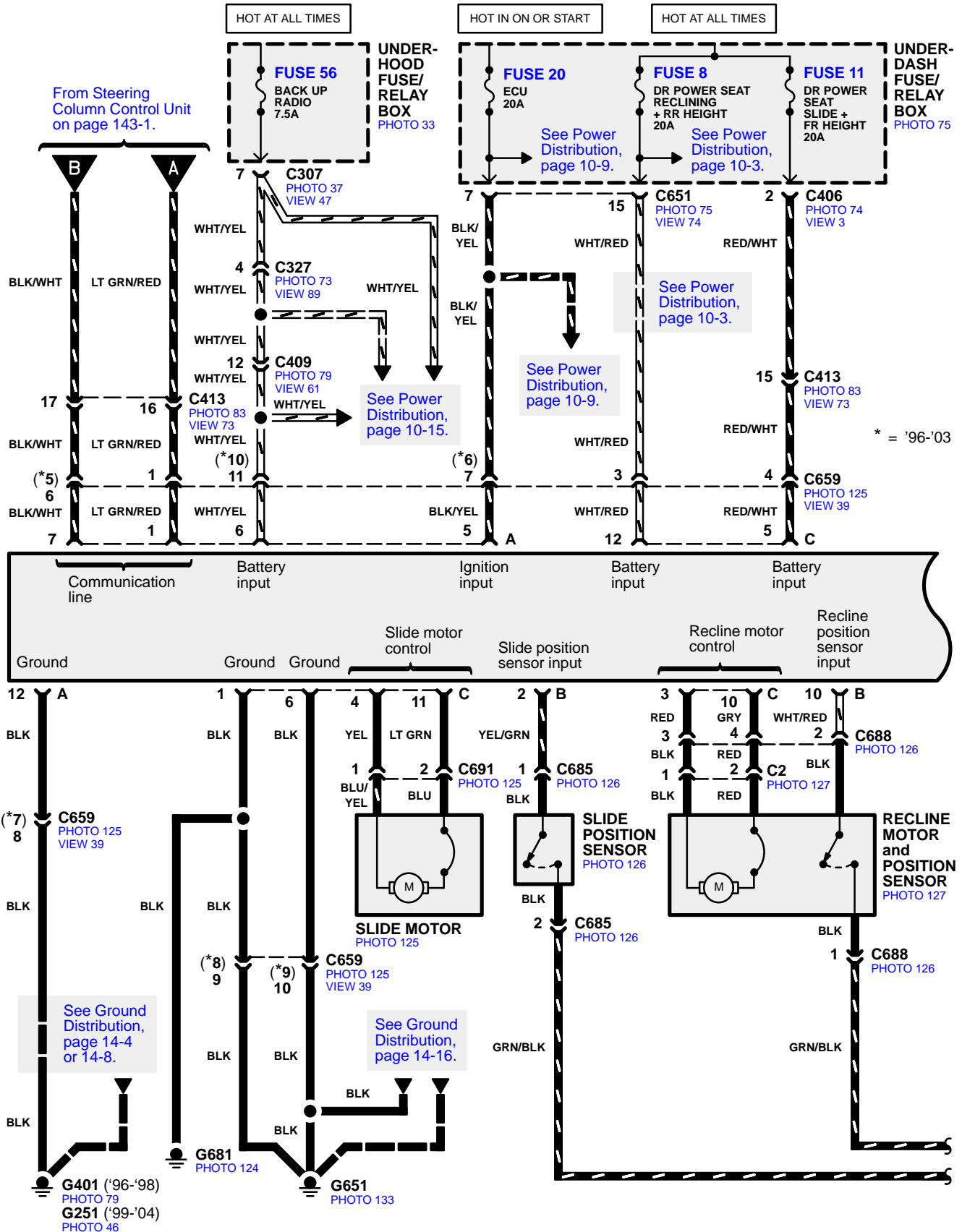




# Driving Position Memory System (DPMS)

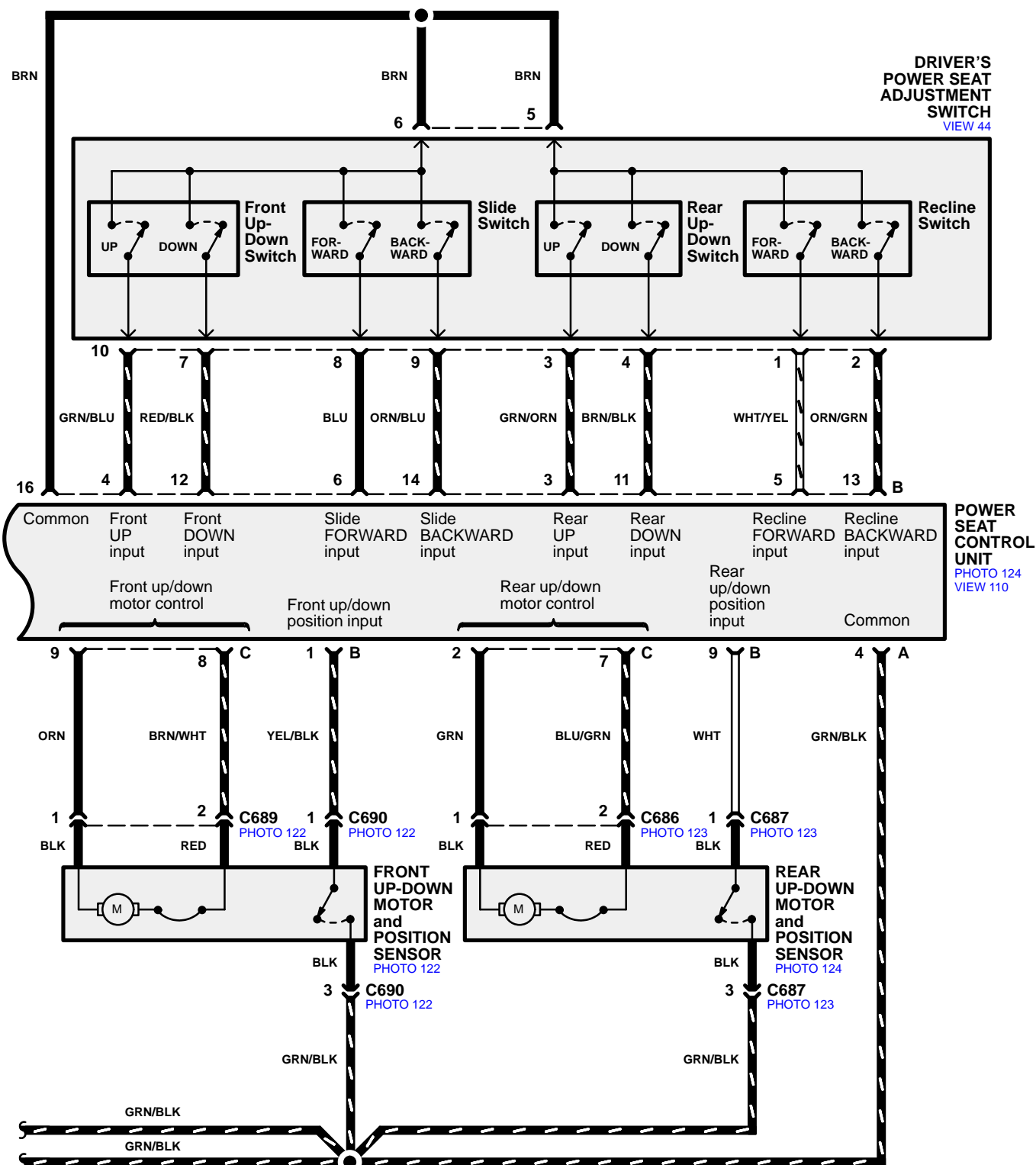


# Driving Position Memory System (DPMS)





# Driving Position Memory System (DPMS)

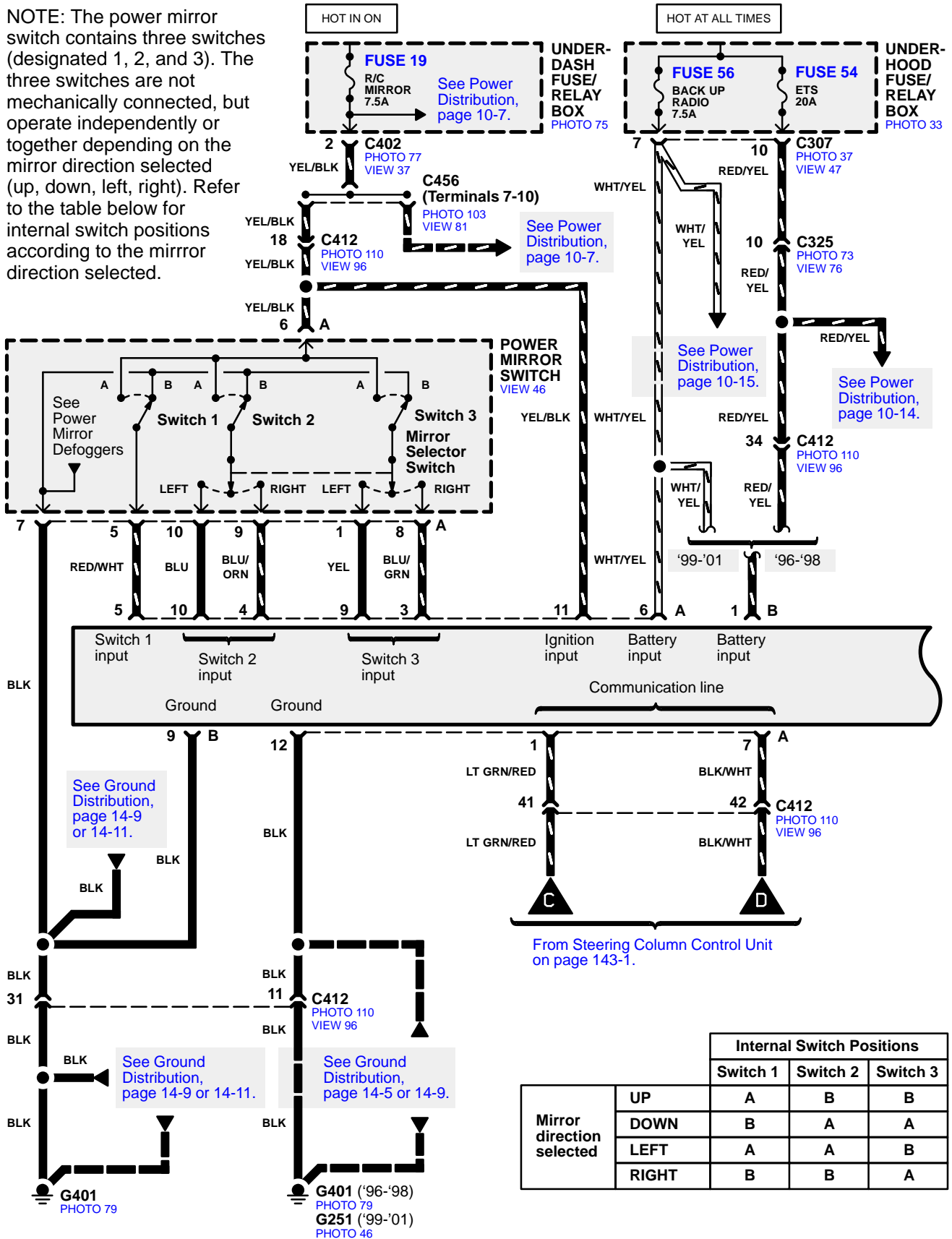




# Driving Position Memory System (DPMS)

– '96-'01

NOTE: The power mirror switch contains three switches (designated 1, 2, and 3). The three switches are not mechanically connected, but operate independently or together depending on the mirror direction selected (up, down, left, right). Refer to the table below for internal switch positions according to the mirror direction selected.

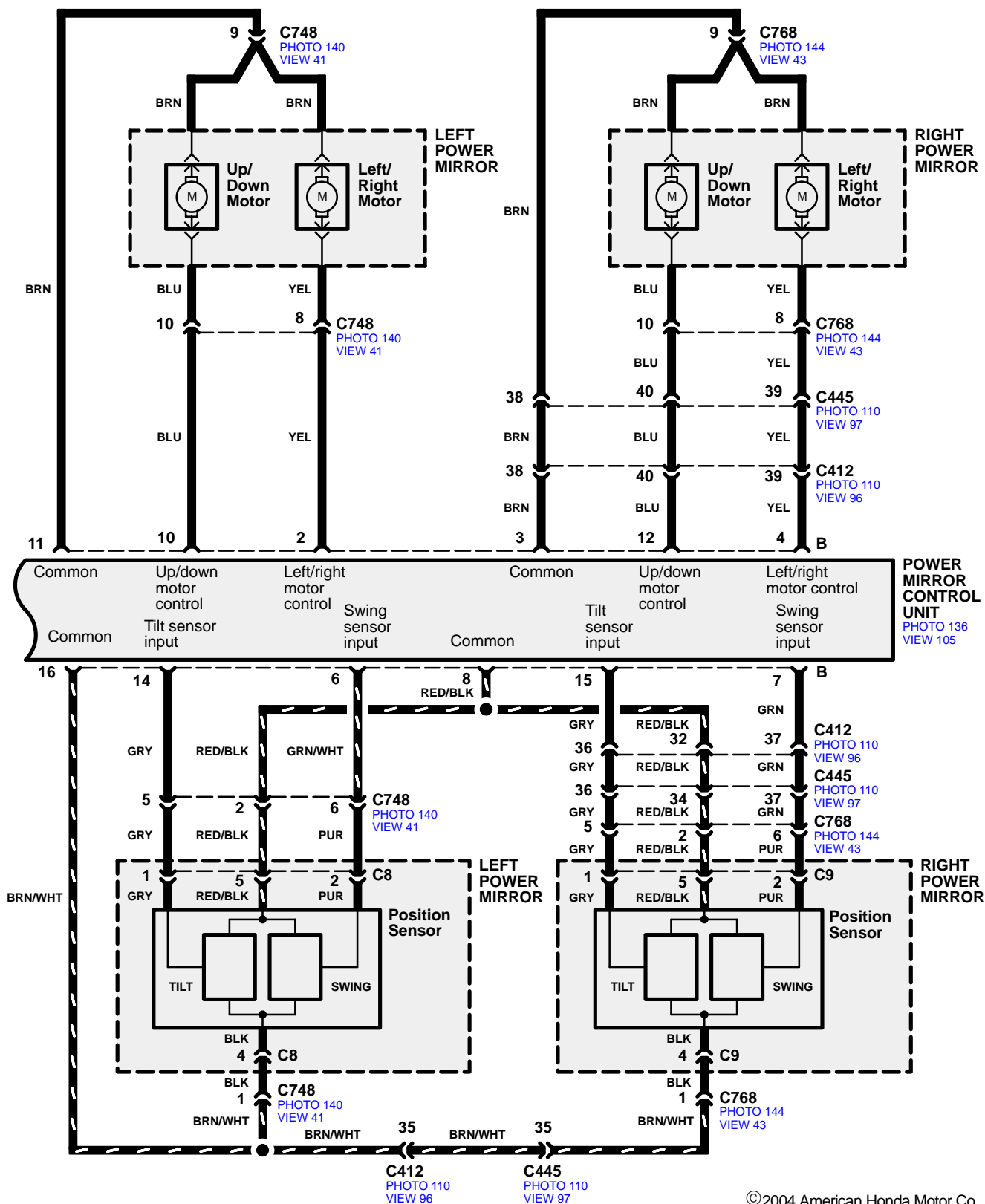




# Driving Position Memory System (DPMS)

- '96-'01

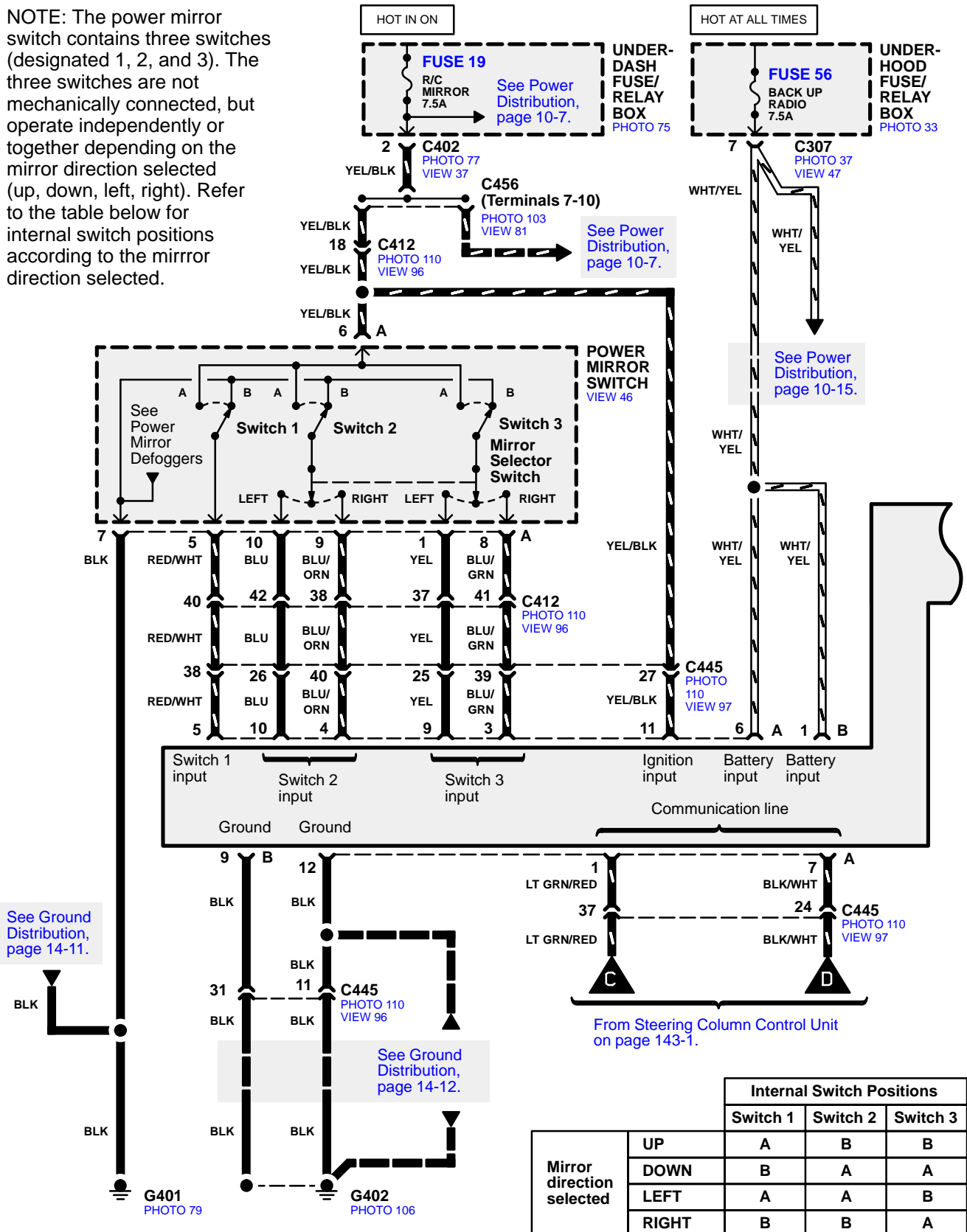
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# Driving Position Memory System (DPMS)

– '02-'04

NOTE: The power mirror switch contains three switches (designated 1, 2, and 3). The three switches are not mechanically connected, but operate independently or together depending on the mirror direction selected (up, down, left, right). Refer to the table below for internal switch positions according to the mirror direction selected.

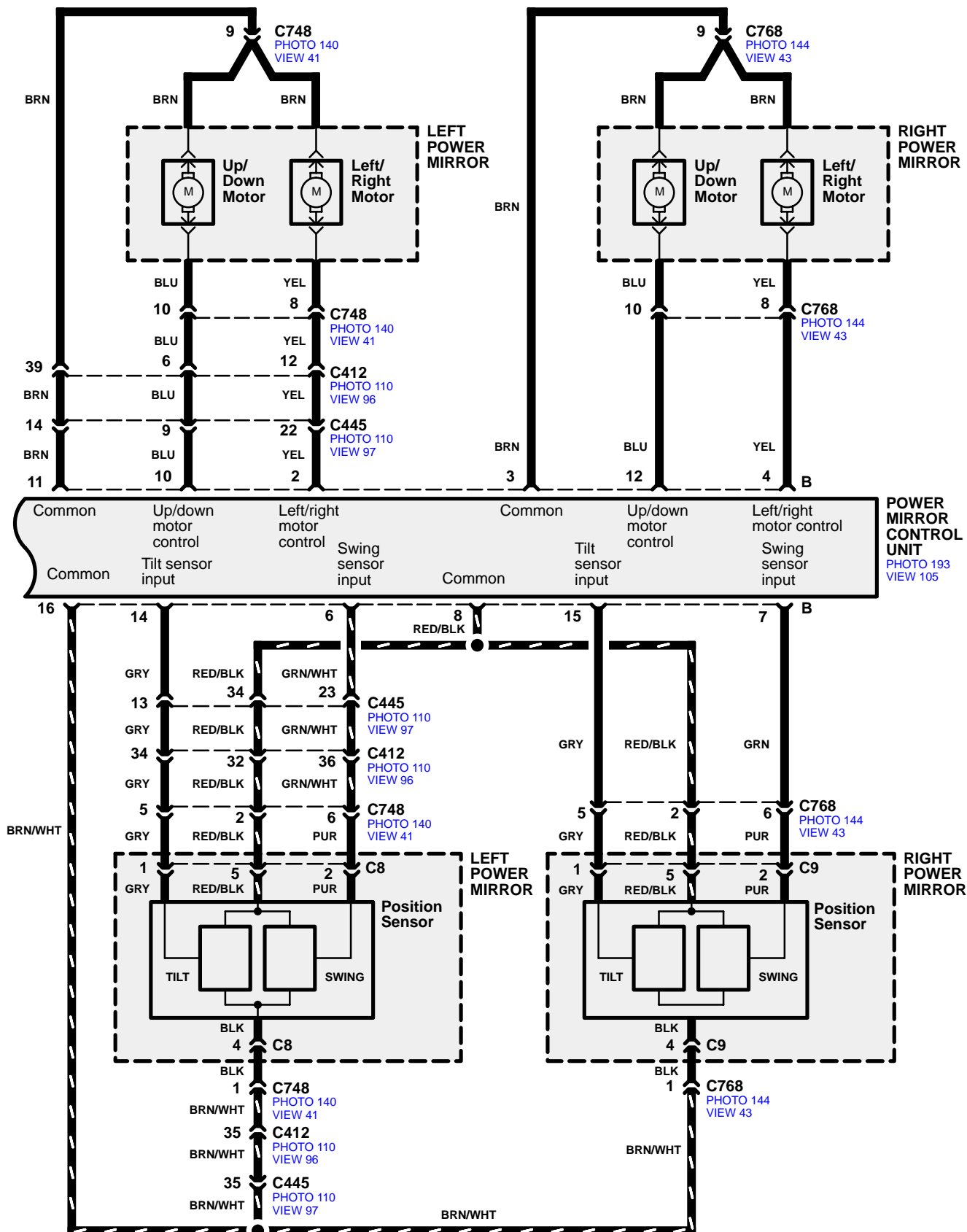




# Driving Position Memory System (DPMS)

– '02-'04

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# Driving Position Memory System (DPMS)

## – How the Circuit Works

The power mirrors, driver's seat and steering column have a memory feature. The two outside mirror adjustments, the driver's three seat adjustments (back and forth, up and down, seat back angle) and the two steering column adjustments (extend and retract, and steering column angle) can be regulated separately. All of the adjustments can be memorized by pressing the MEMO button on the driving position memory switch, and then (within five seconds) pressing one of the two position buttons. If you press that same position button after the adjustments are memorized, the seat and the steering column will move to those memorized positions.

NOTE: Disconnecting the battery for more than 30 seconds will cancel the memorized positions.

The driving position memory system is controlled by three separate control units. The steering wheel position is controlled by the steering column control unit, the driver's seat position is controlled by the power seat control unit, and the outside mirror position is controlled by the power mirror control unit. The driving position memory switch is linked directly to the steering column control unit which relays the position switch commands to the power seat control unit and the power mirror control unit.

Each power mirror has two Hall-effect type sensors to detect the changes in voltage caused by the movements of the mirror. The power mirror control unit then stores the voltage changes for that mirror's position in its memory.

Each power seat motor has a reed switch sensor which sends a pulse to the power seat control unit when the motor rotates. The power seat control unit then stores the number of pulses for that seat position in its memory.

The steering column control unit uses variable resistor-type tilt sensors to detect the changes in voltage caused by the movements of the steering column. The steering column control unit then stores the voltage changes for that column position in its memory.

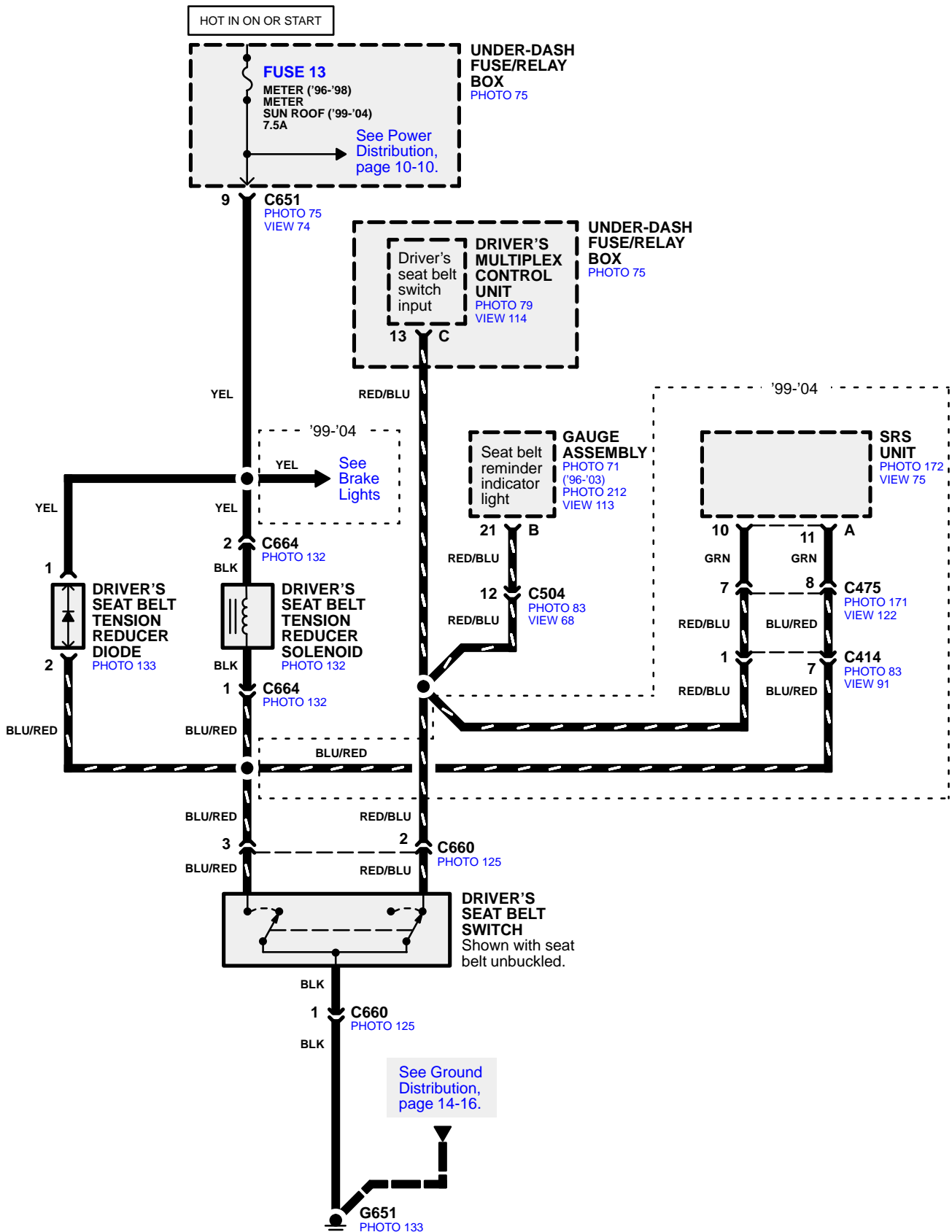
When you push one of the position buttons, the driving position memory switch commands the steering column control unit, power seat control unit, and the power mirror control unit to retrieve the corresponding steering wheel, power seat, and outside mirror positions. This function is disabled at speeds above 6 mph (10 km/h).

When you pull out the ignition key with the AUTO switch ON and the car parked, the steering column will automatically move to the highest tilt position and fully retracted position to ease your exit from the car.

Refer to the Service Manual (Section 23, Electrical) for specific tests and troubleshooting procedures.

# Seat Belt Tension Reducer

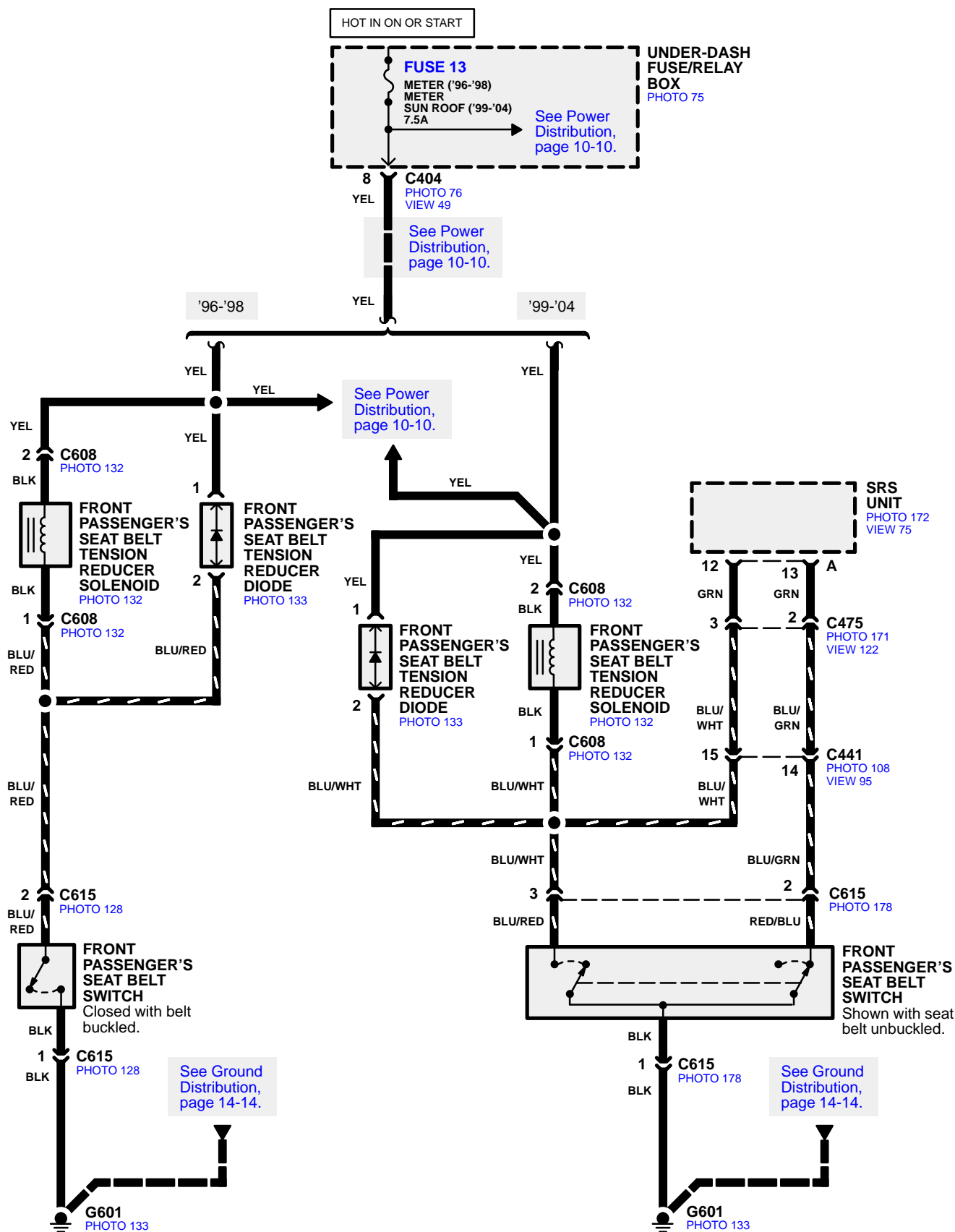
## - Driver's





# Seat Belt Tension Reducer

## – Front Passenger's



**– '96-'97**





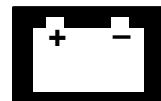


147-1

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# Seat Heater

## – How the Circuit Works

With the ignition switch in ON (II), battery voltage is provided through fuse 19 to the coil of the front seat heater relay. The coil of the relay is grounded at G251 ('96-'97 and '99-'04) or G301 ('98). Battery voltage is provided through fuse 5 to the closed contacts of the energized relay to both seat heater switches.

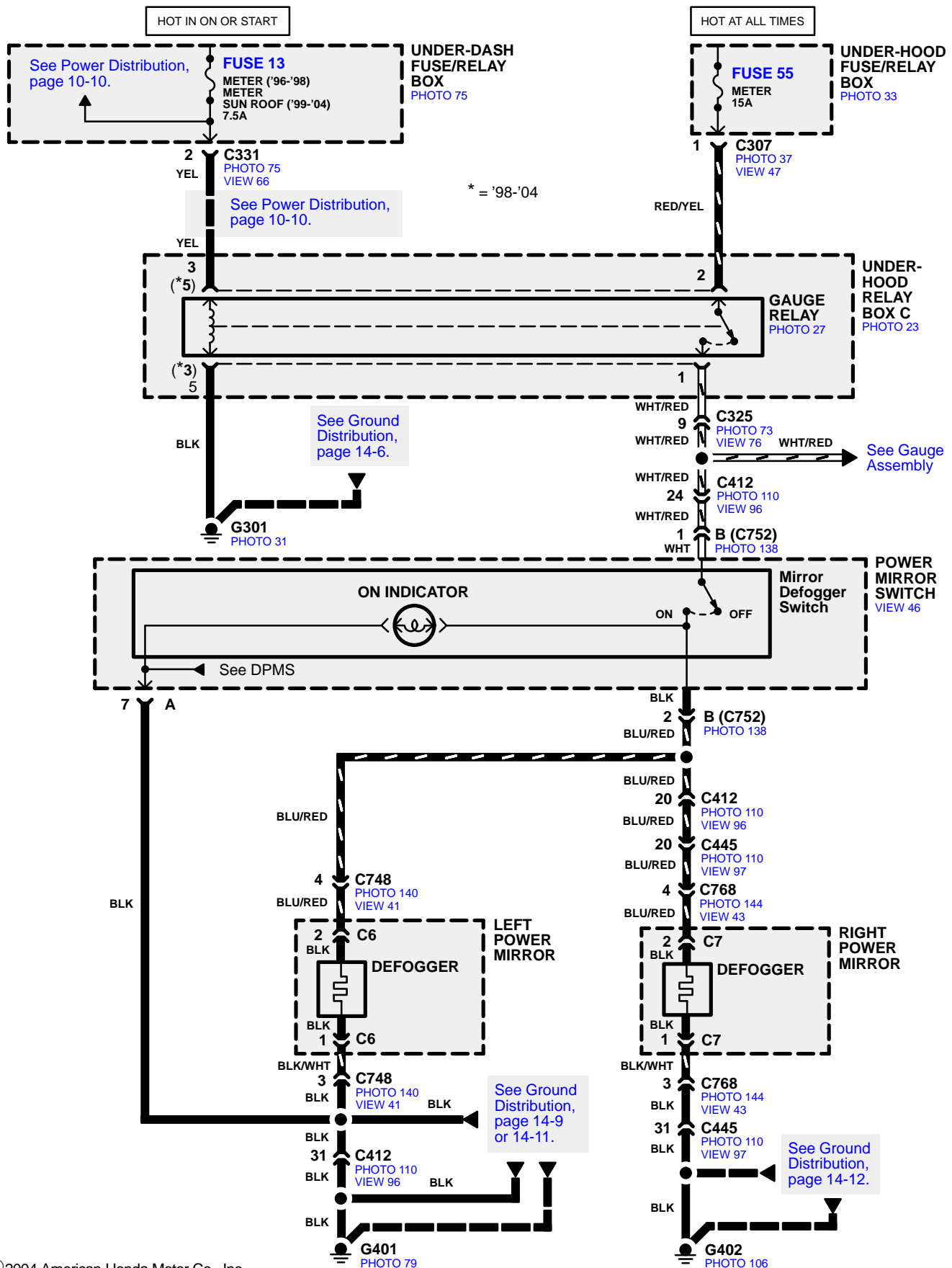
Two heaters are provided in each front seat. One is located in the seat cushion and the other in the seat back.

When the driver's seat heater switch is in the LO position, current flows in series through the seat heater switch, the BLU wire, and the cushion and back seat heaters to G651. Current is limited because it is flowing through both seat heaters in series, making the seat warm enough for moderately cold weather.

When the switch is in the HI position, current flows through the seat heater switch, the GRN wire, the circuit breaker and thermostat, and through the cushion and seat back heaters in parallel. The cushion heater is grounded through the BLU wire and the driver's seat heater switch to G251. The seat back heater is grounded at G651. Since the cushion and seat back heaters are now in parallel, current flow through them increases and the seat warms up to its maximum temperature. The circuit breaker and thermostat in the seat cushion will open at 122° F (50° C) to maintain a constant seat temperature and prevent overheating. The front passenger's seat heaters work the same way.

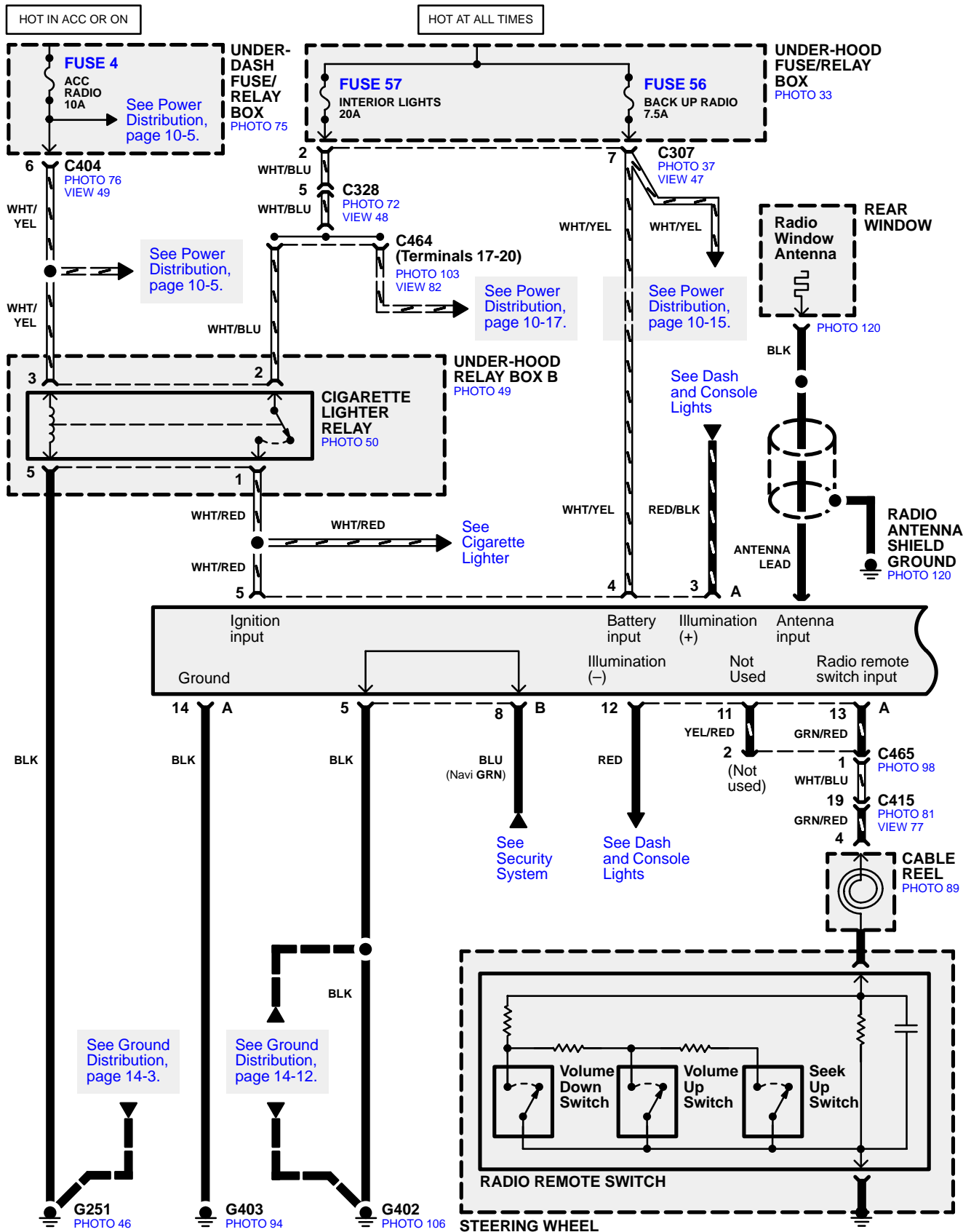
Refer to the Service Manual (Section 23, Electrical) for specific tests or troubleshooting procedures.

# Power Mirror Defoggers



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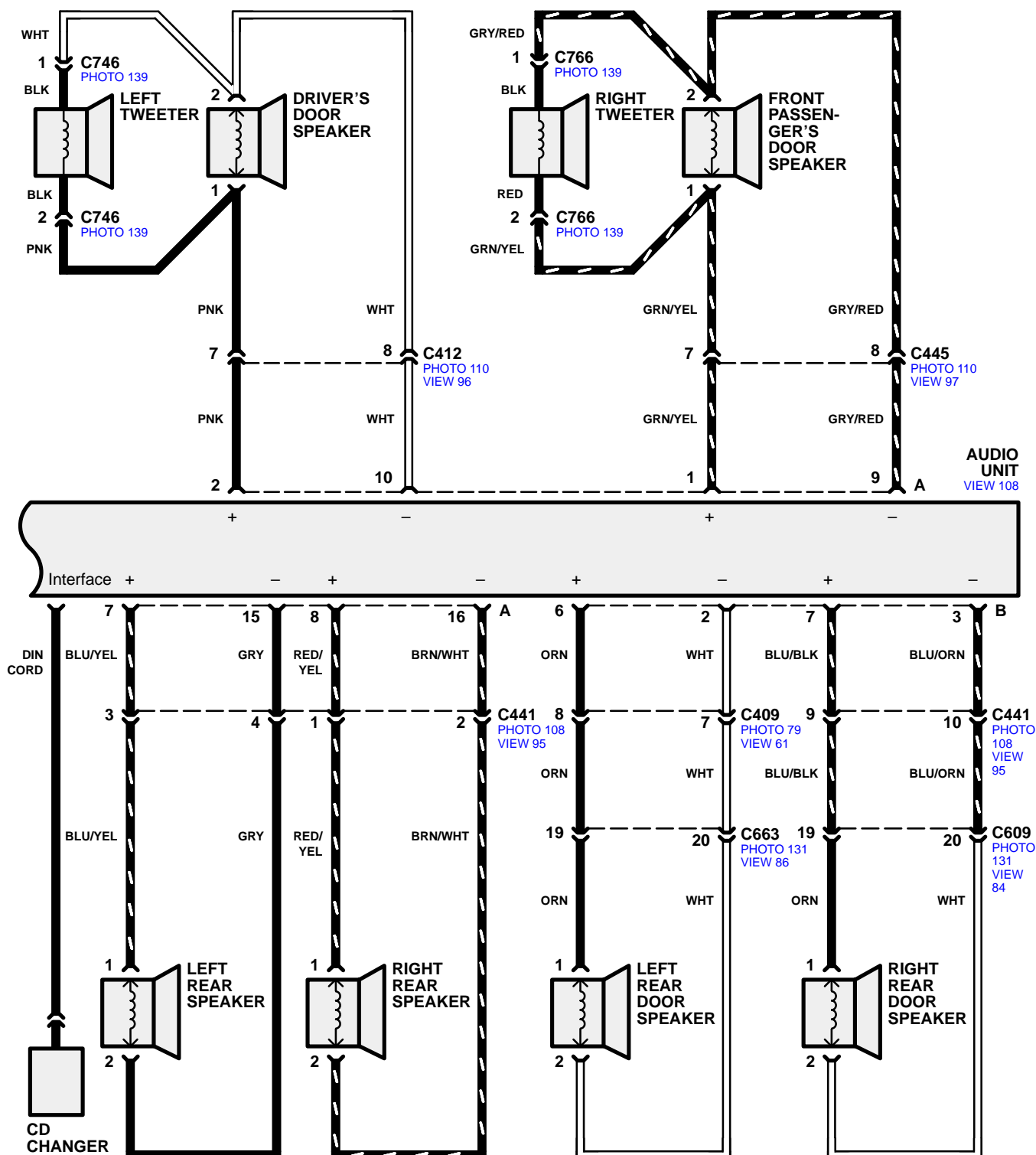
- **Standard Sound System ('96-'98)**





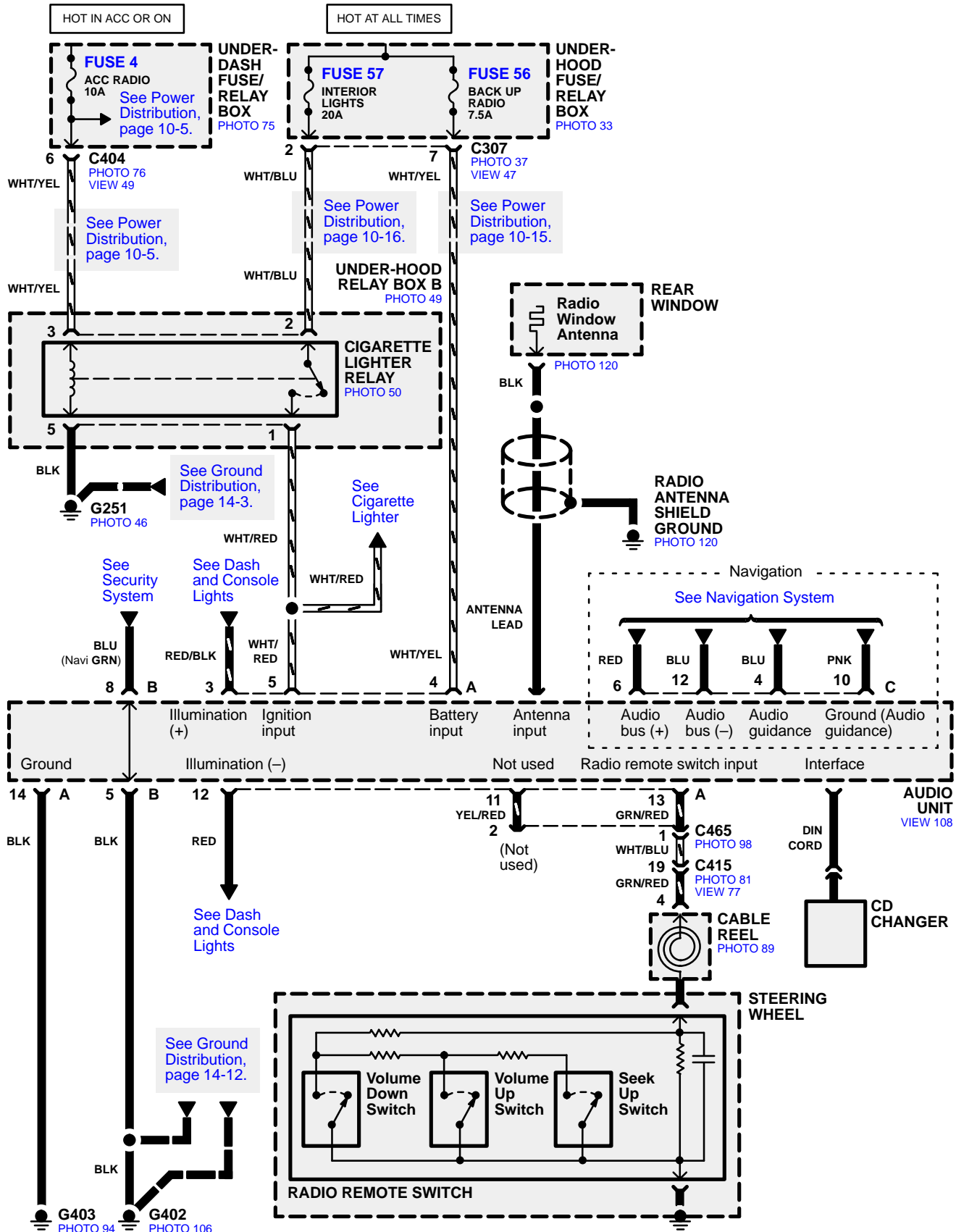
# Stereo Sound System

– Standard Sound System ('96-'98)



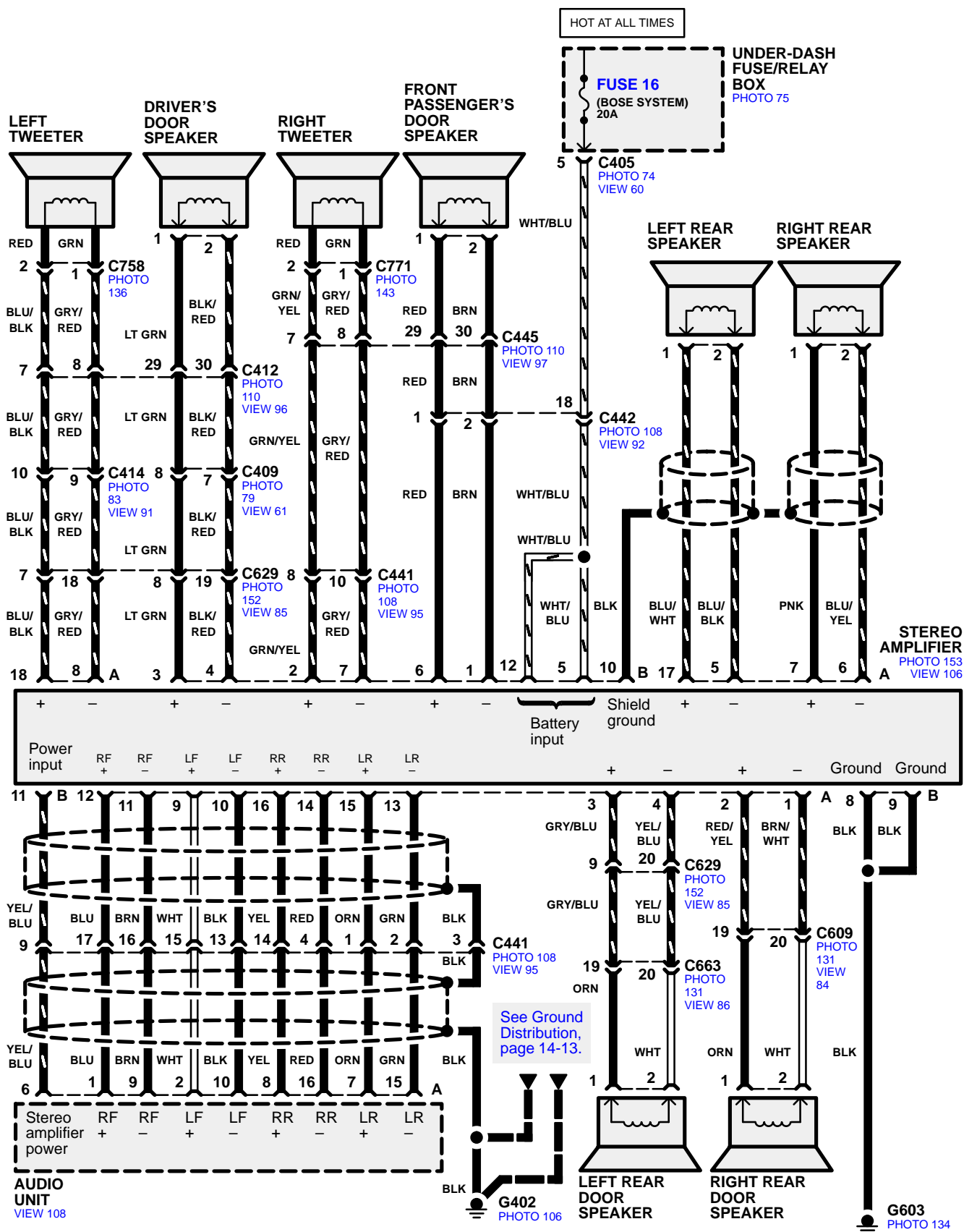
# Stereo Sound System

## – Bose Sound System ('96)



# Stereo Sound System

- **Bose Sound System ('96)**





- **Bose Sound System ('97-'03)**

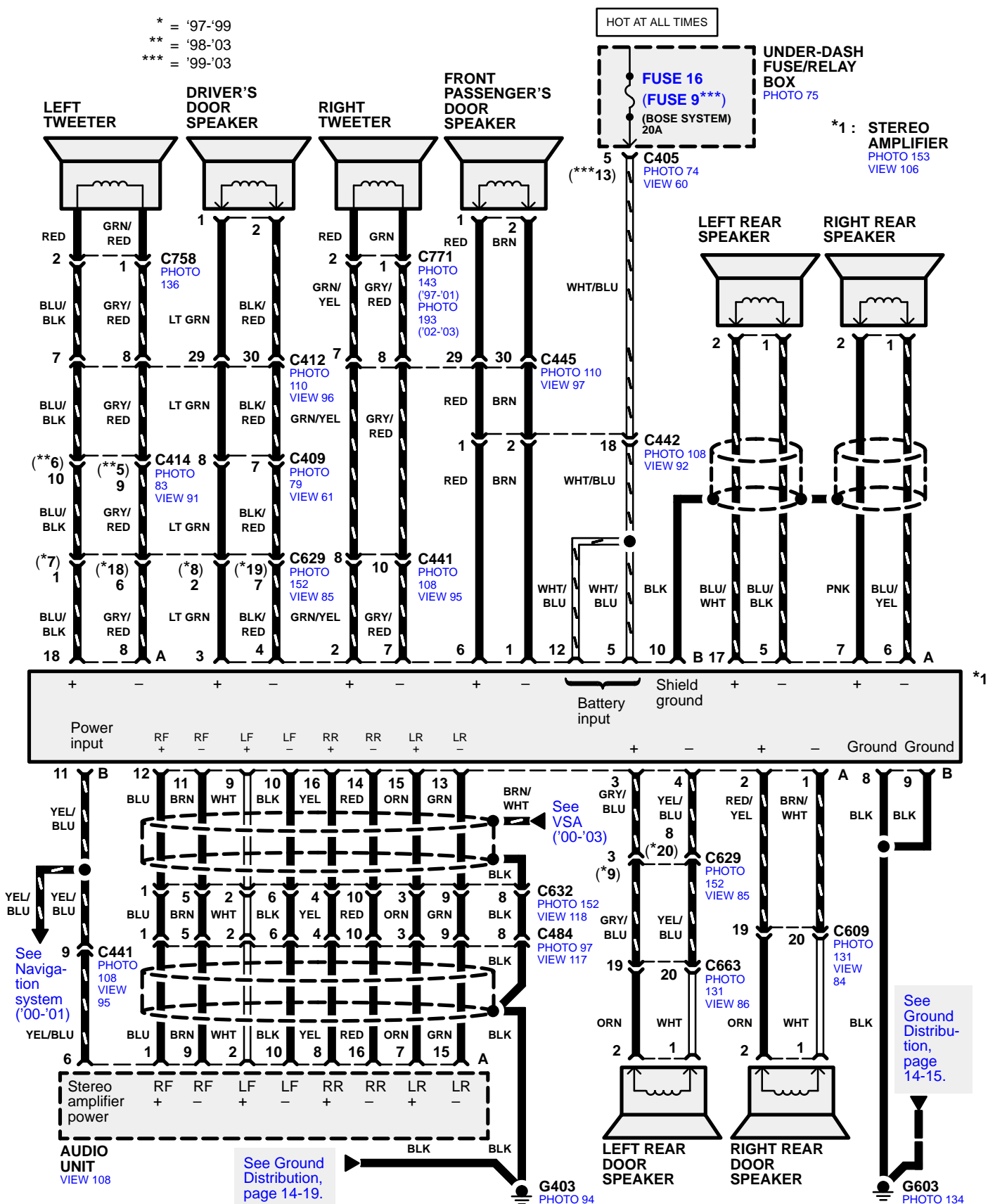




# Stereo Sound System

## – Bose Sound System ('97-'03)

\* = '97-'99  
\*\* = '98-'03  
\*\*\* = '99-'03

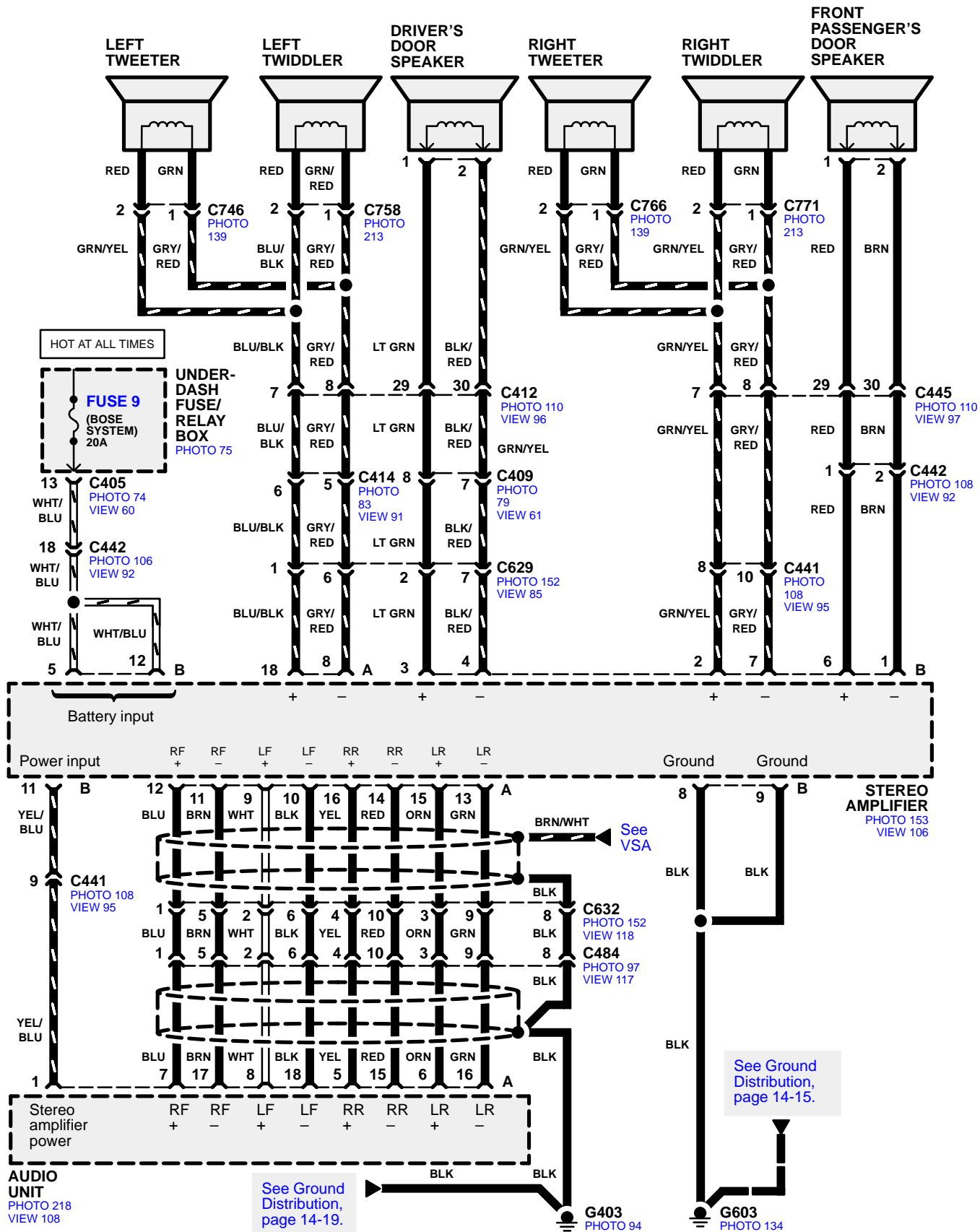


- **Bose Sound System ('04)**



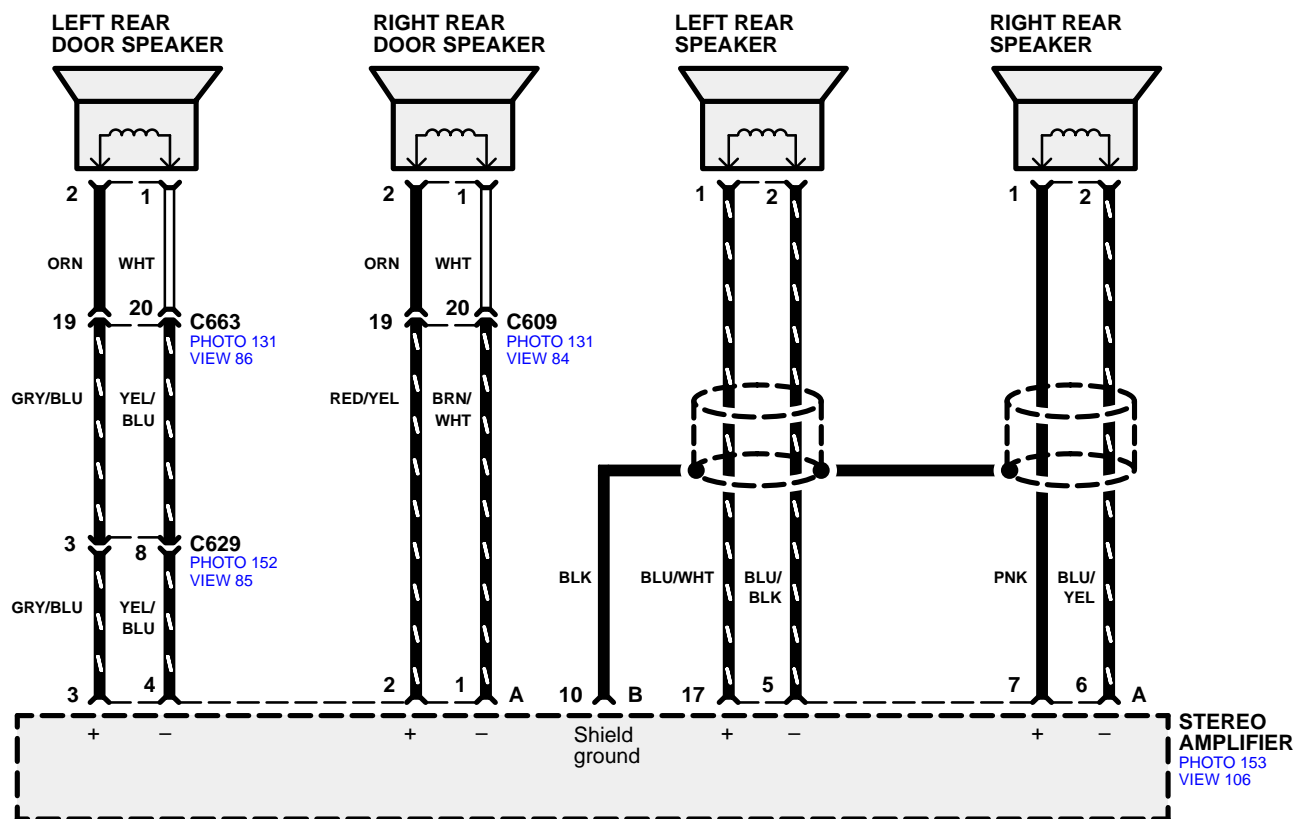
# Stereo Sound System

- **Bose Sound System ('04)**



# Stereo Sound System

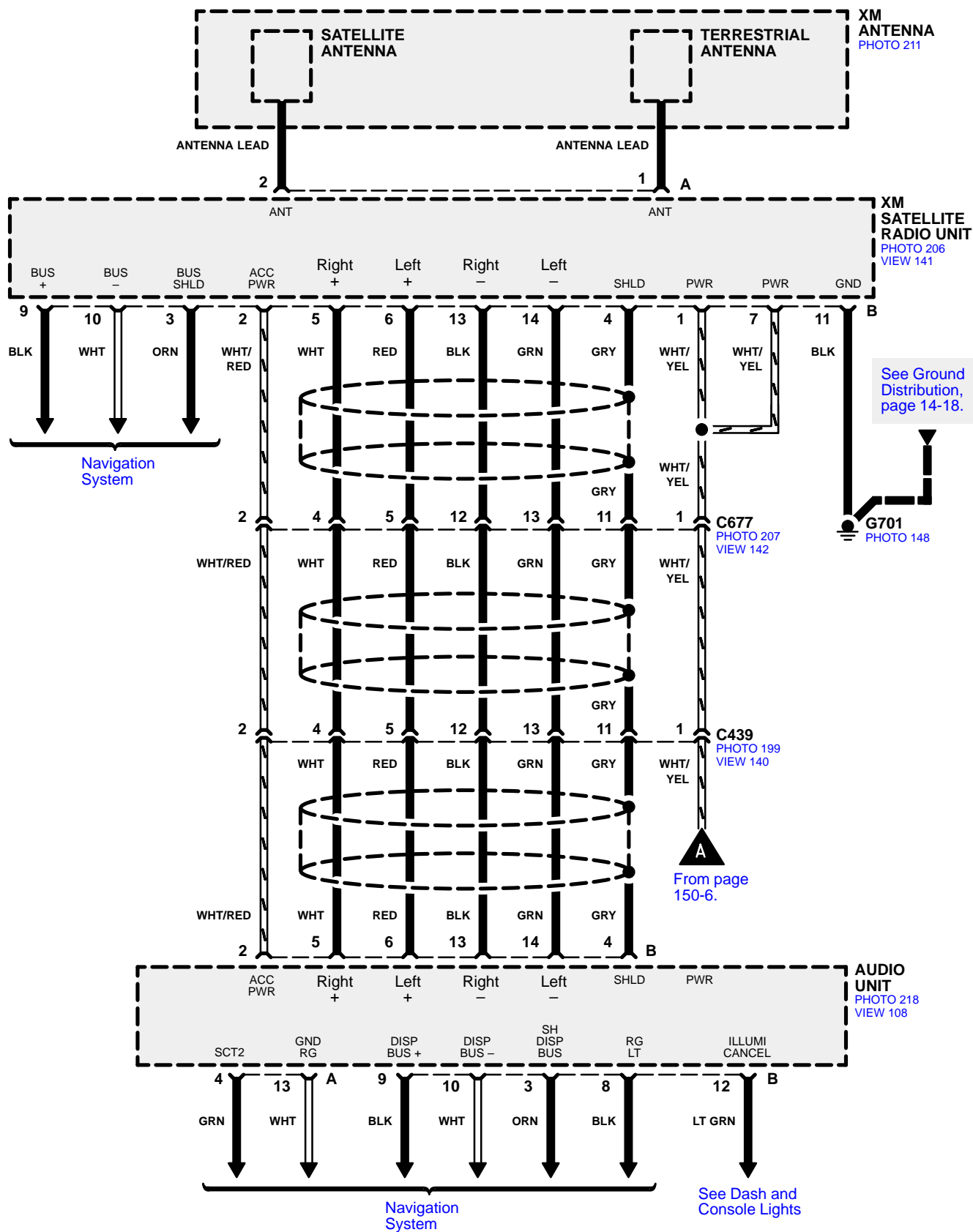
## - Bose Sound System ('04)



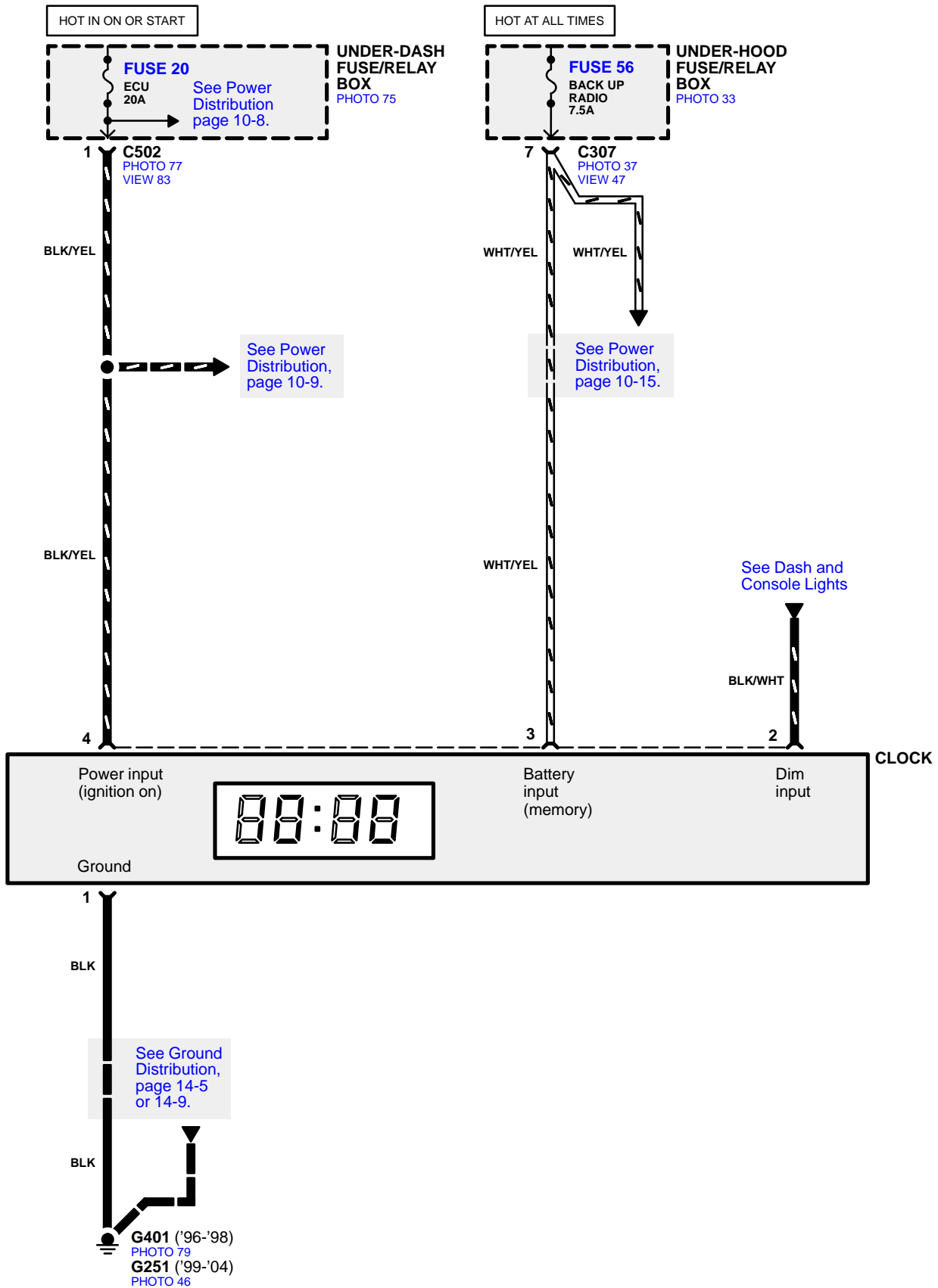


# Stereo Sound System

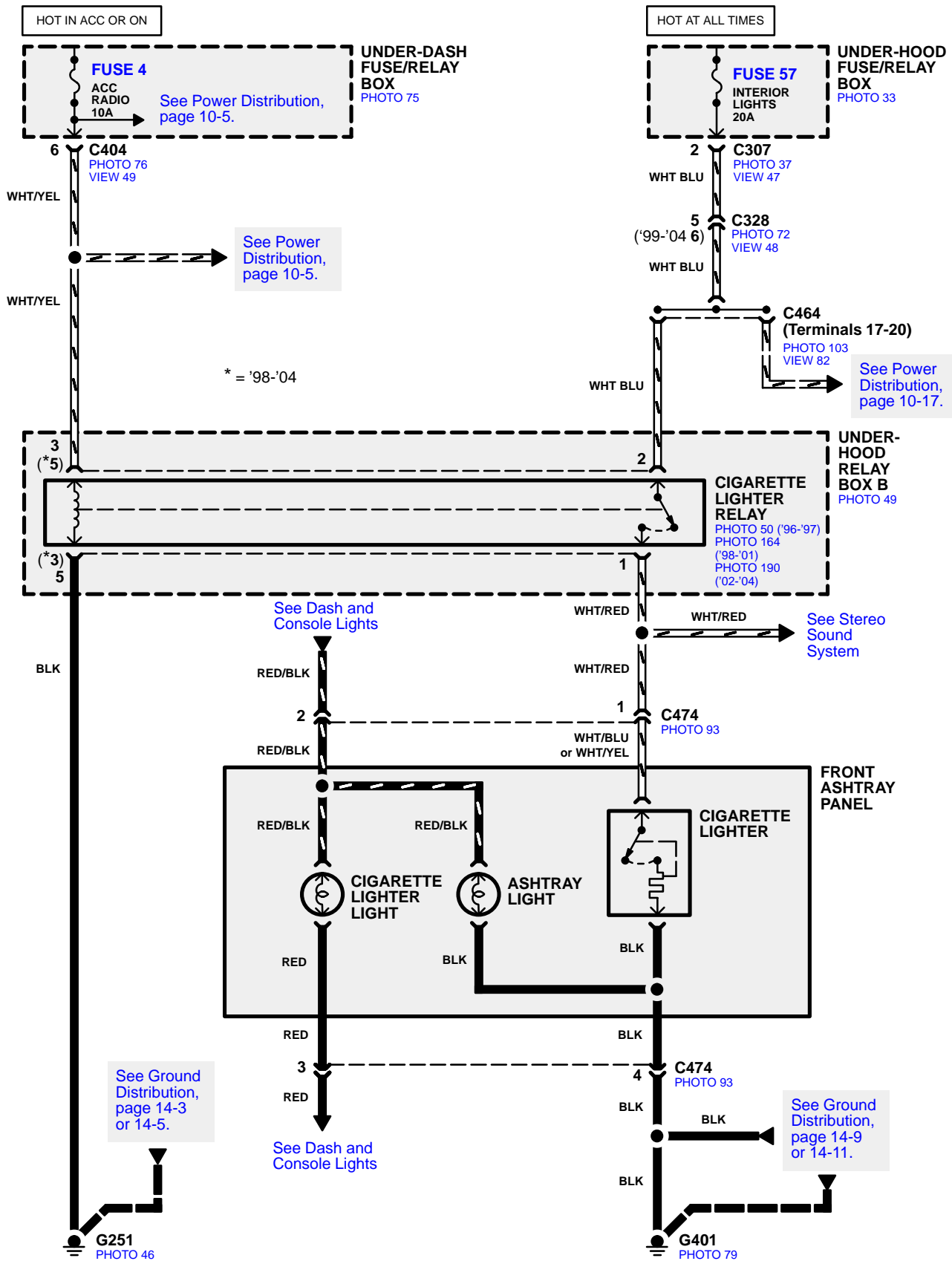
## - Bose Sound System ('04 Navigation)



# Clock (except Navigation)



# Cigarette Lighter

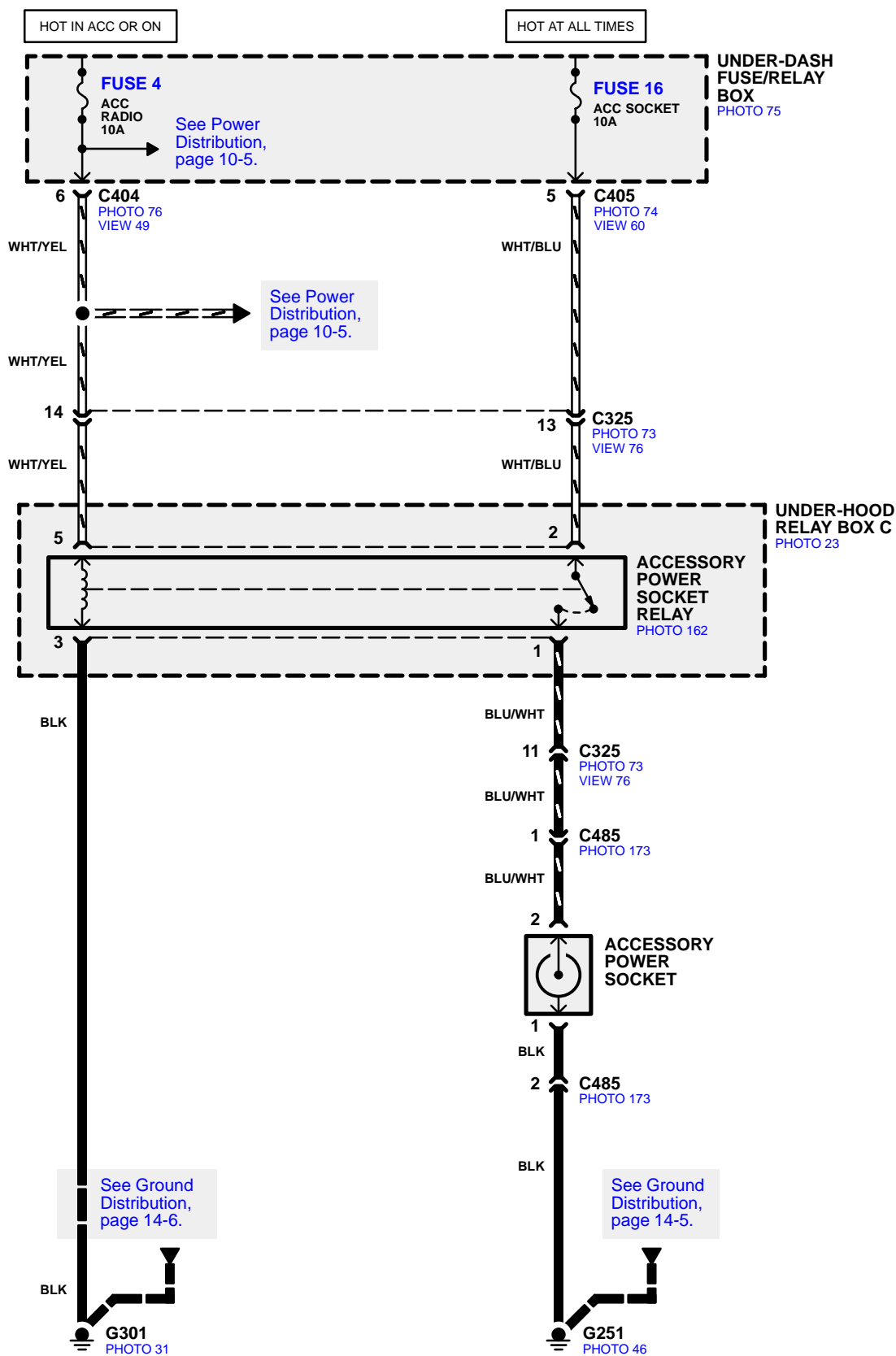






# Accessory Power Socket

– '99-'04



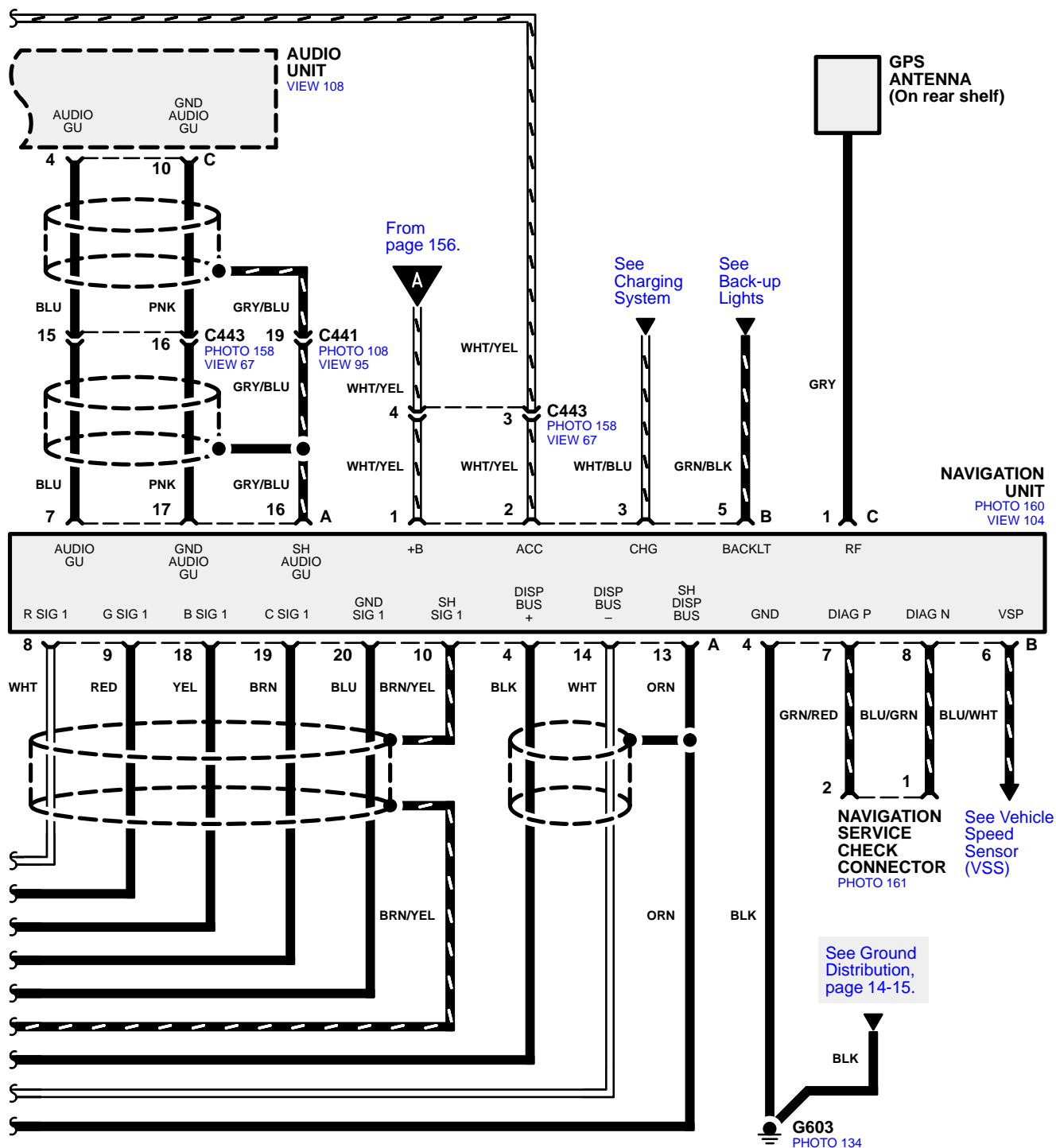
**– '96-'99**





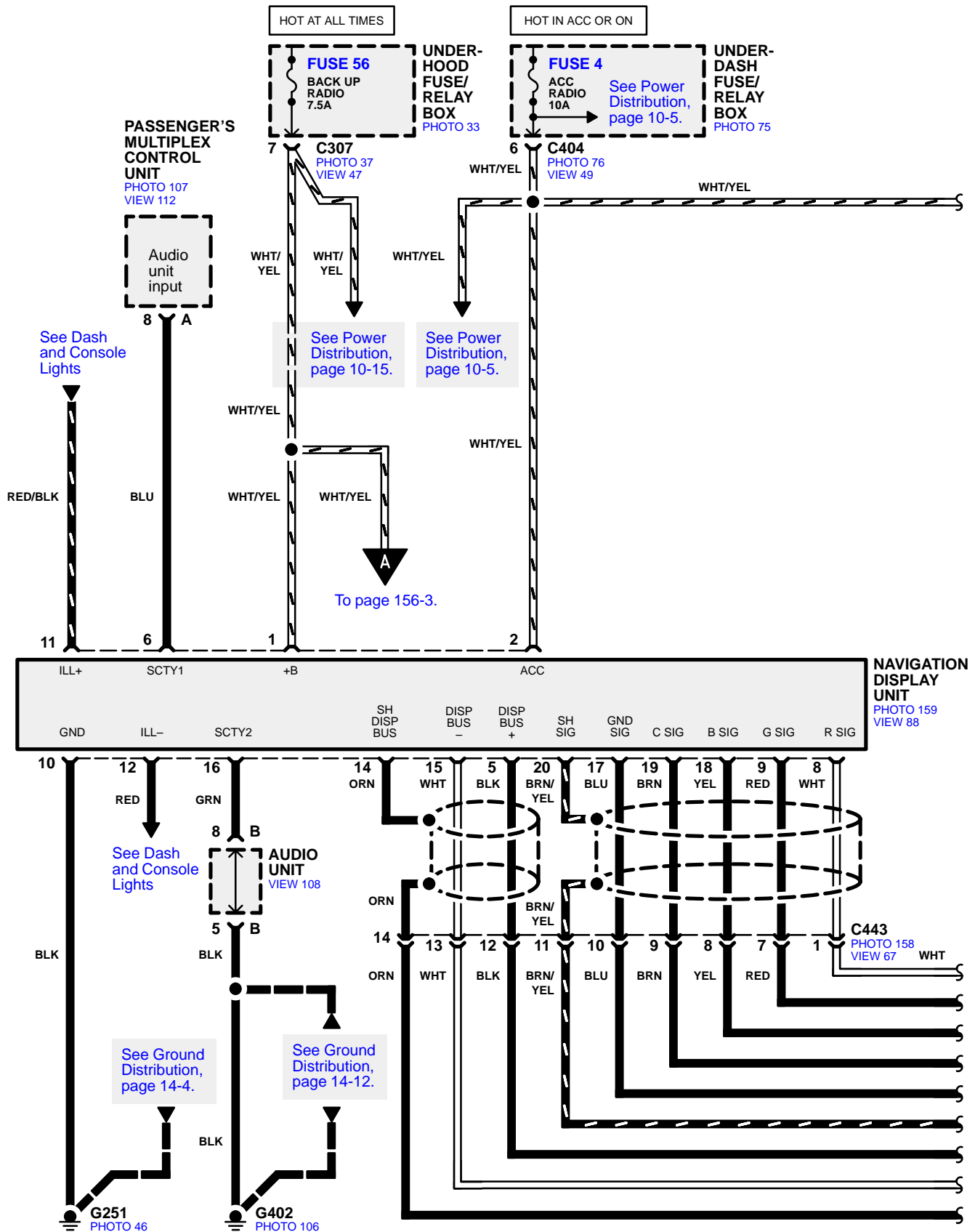
# Navigation System

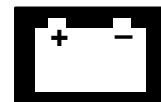
– '96-'99



# Navigation System

– '00-'03

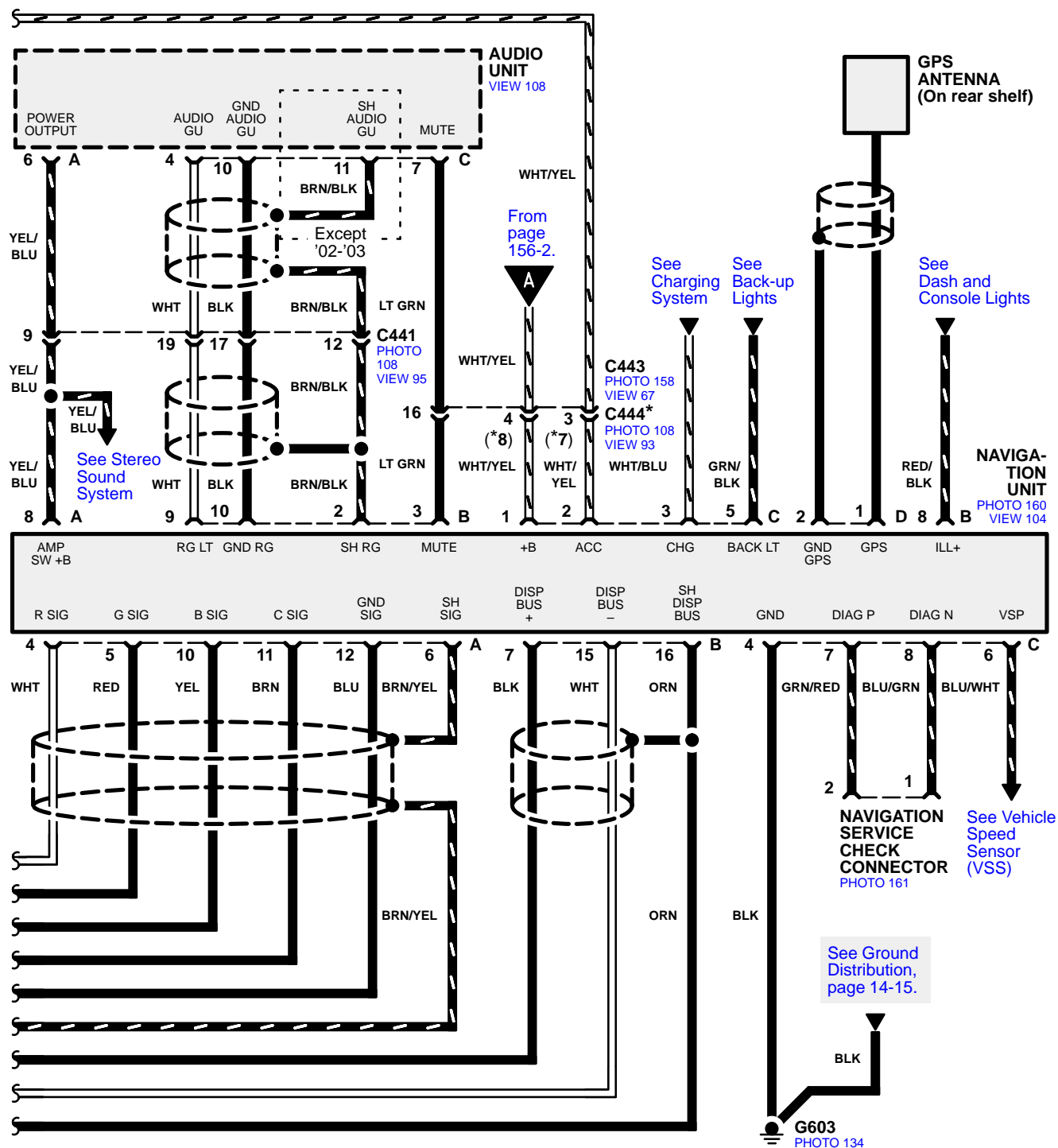




# Navigation System

- '00-'03

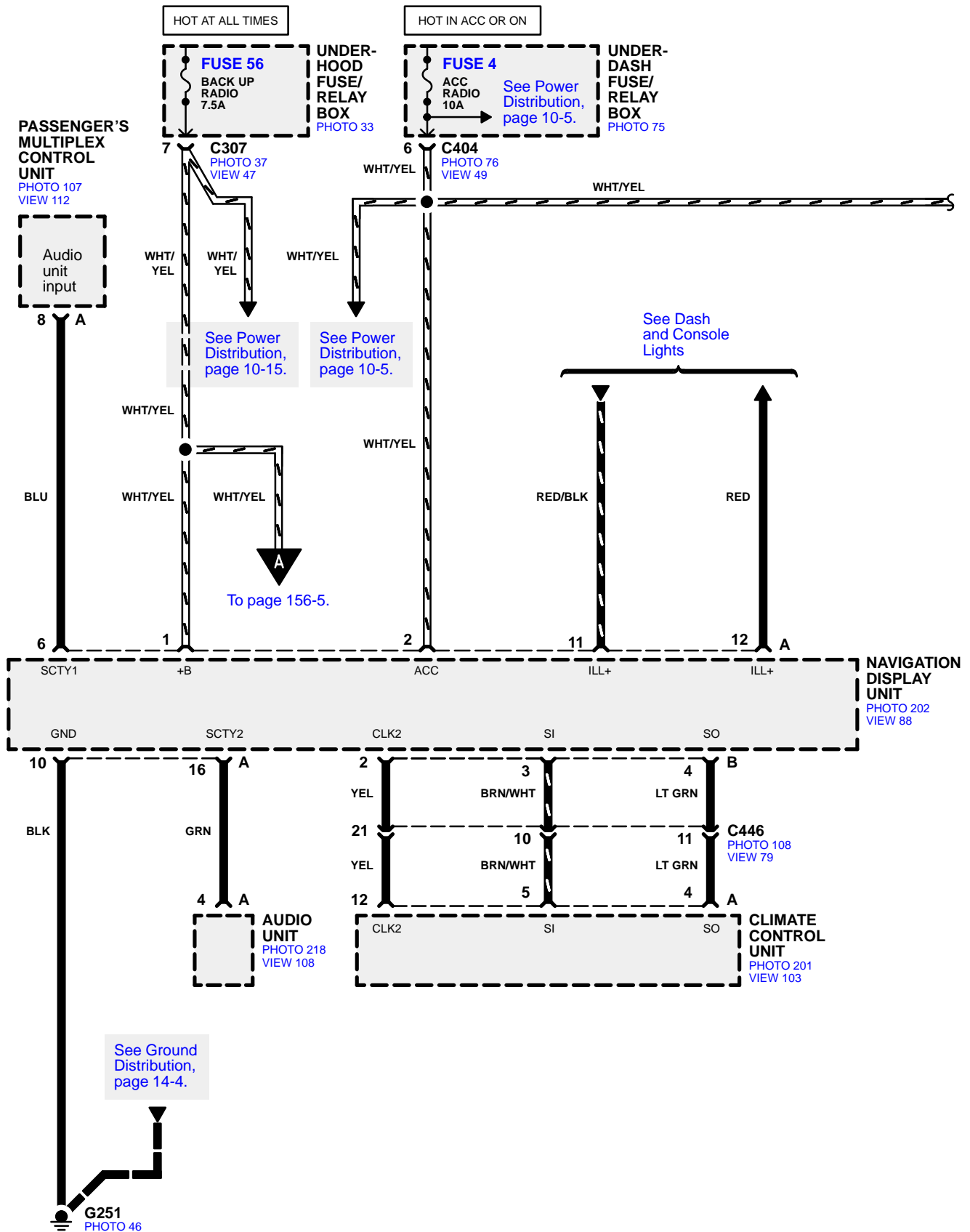
\* = '02-'03 USA



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# Navigation System

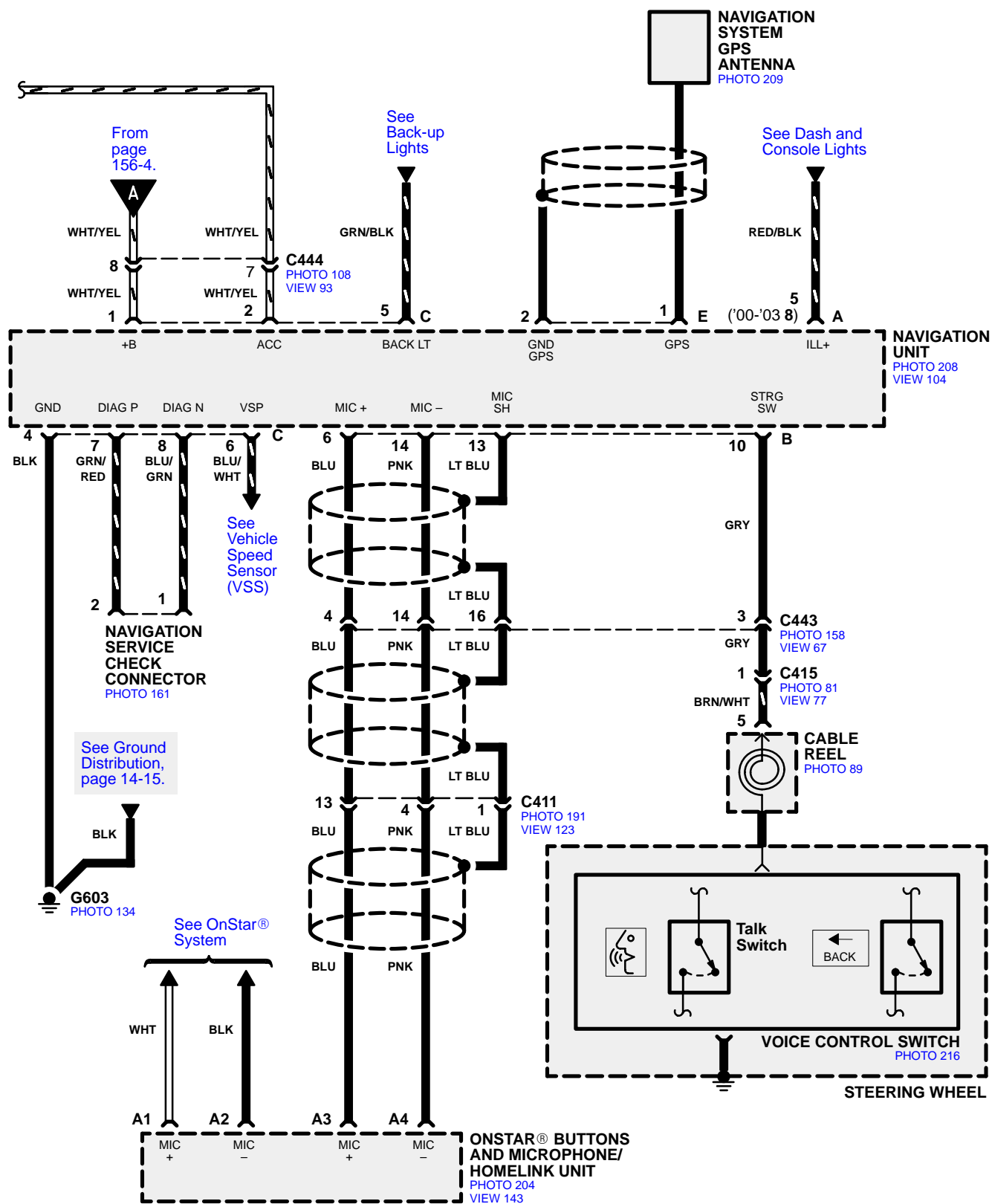
– '04





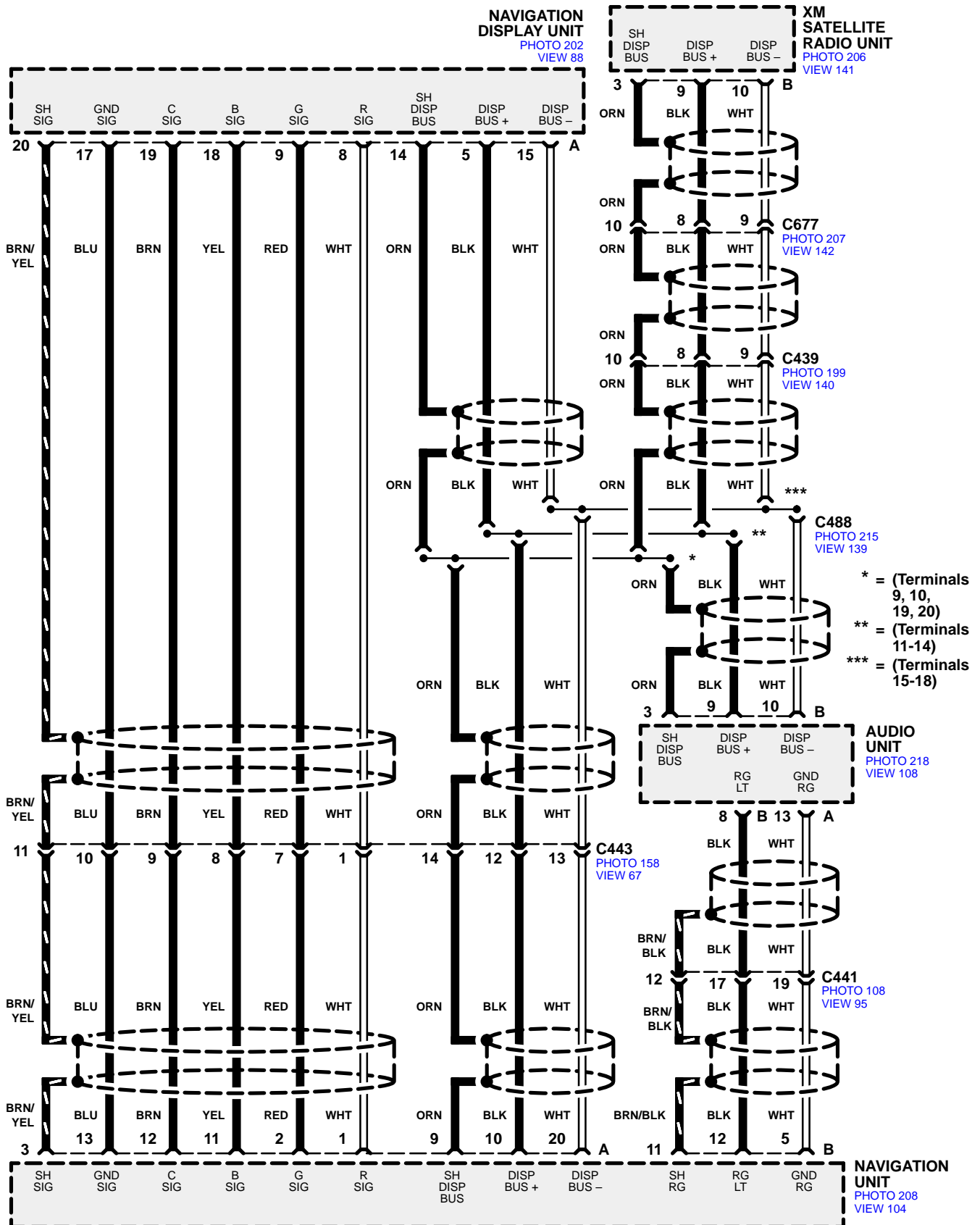
# Navigation System

– '04



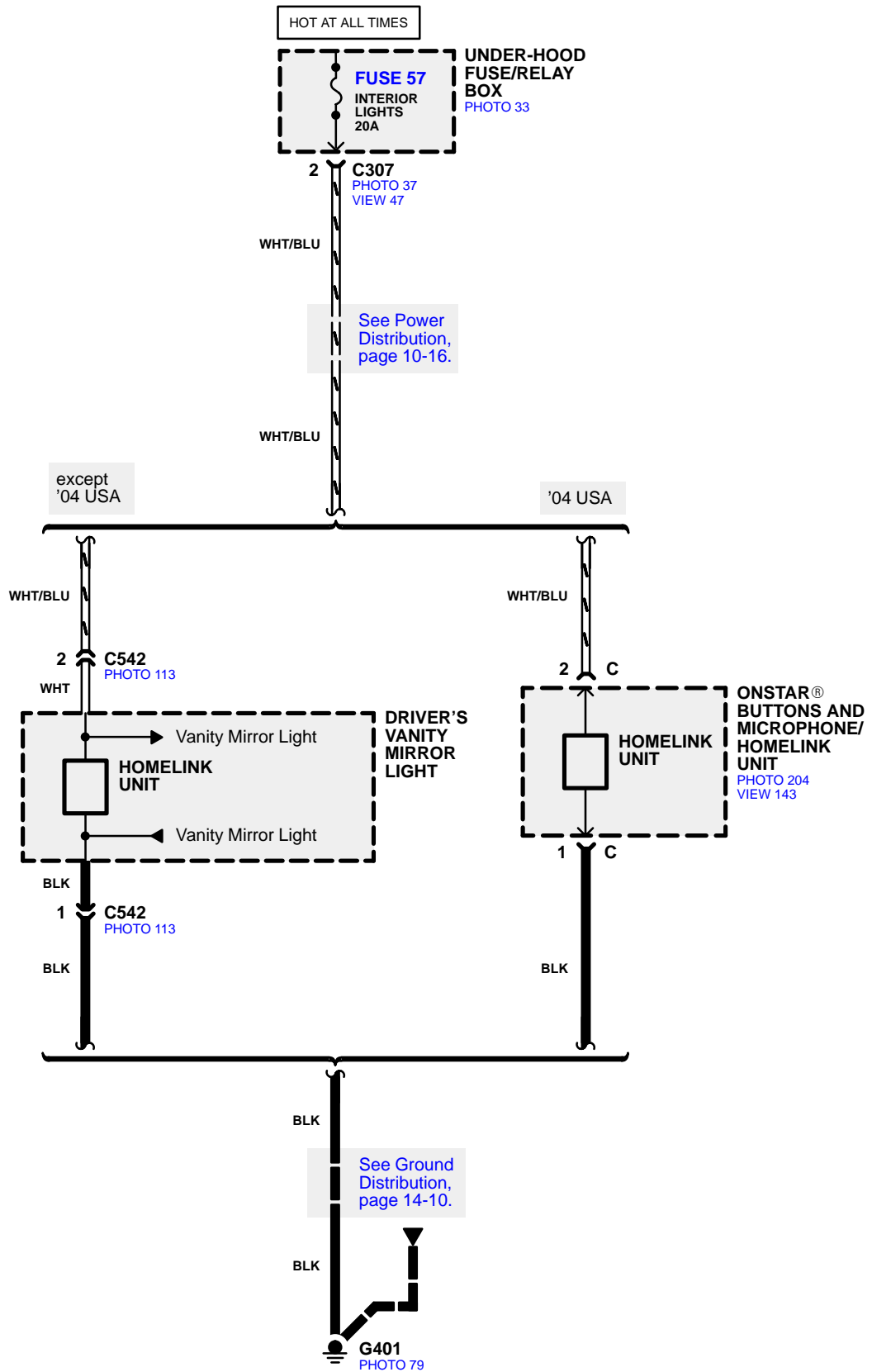
# Navigation System

- '04



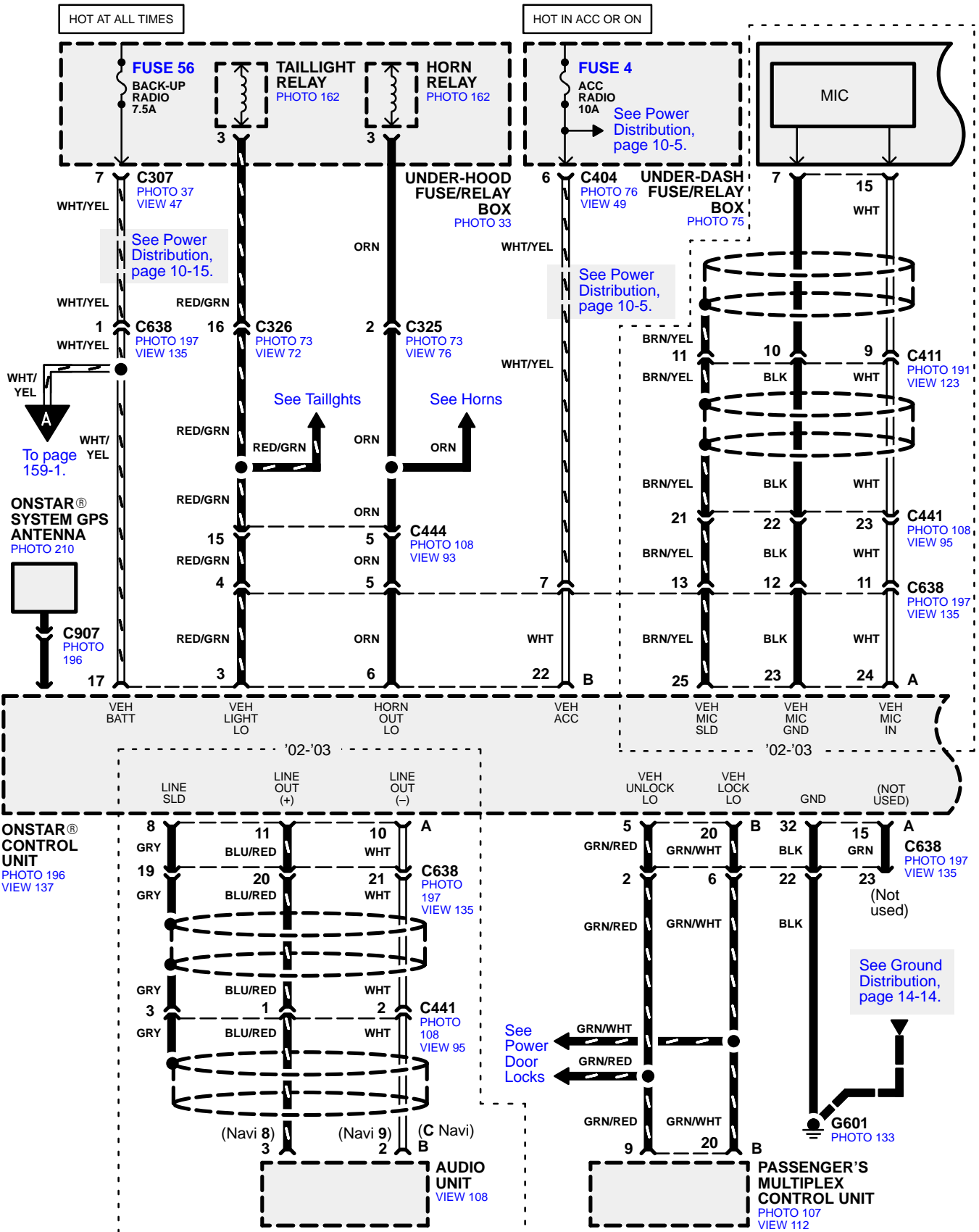


# HomeLink® Remote Control System



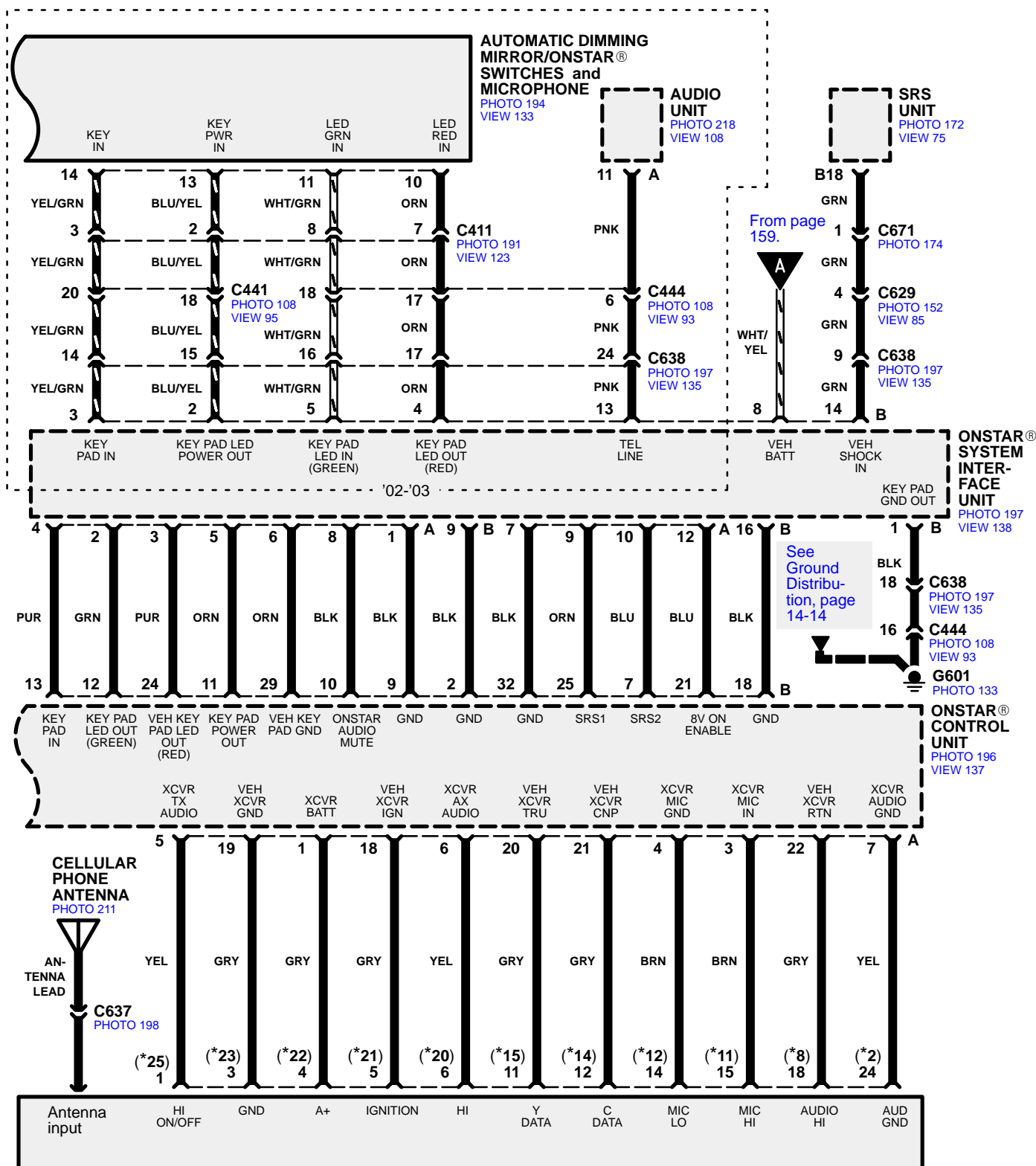
# OnStar® System

– '02-'04 USA



# OnStar® System

– '02-'04 USA



\* = Non-SAE terminal number used in terminal

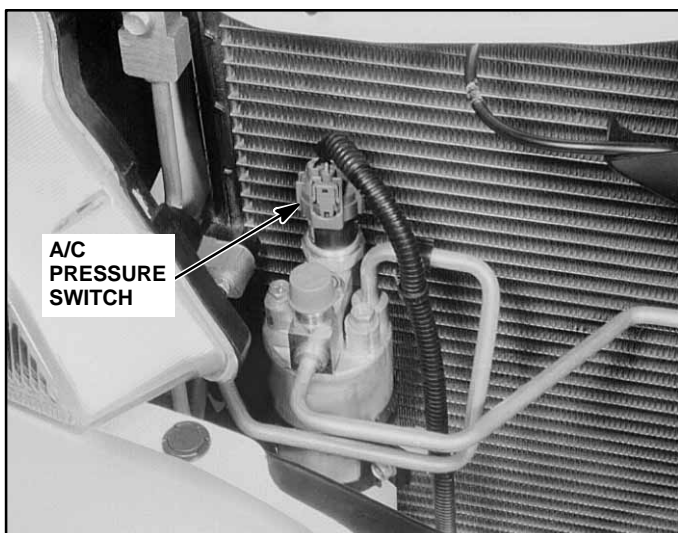
**ONSTAR® SYSTEM  
RADIO FREQUENCY  
MODULATOR UNIT**

©2004 American Honda Motor Co., Inc.

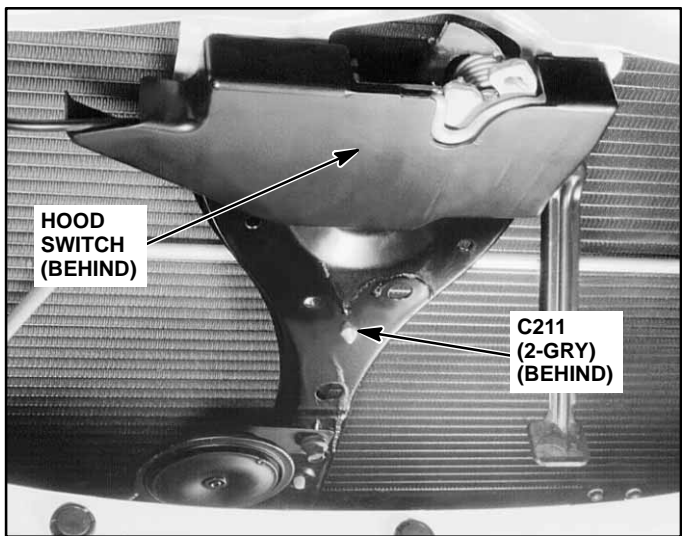
– '04 USA



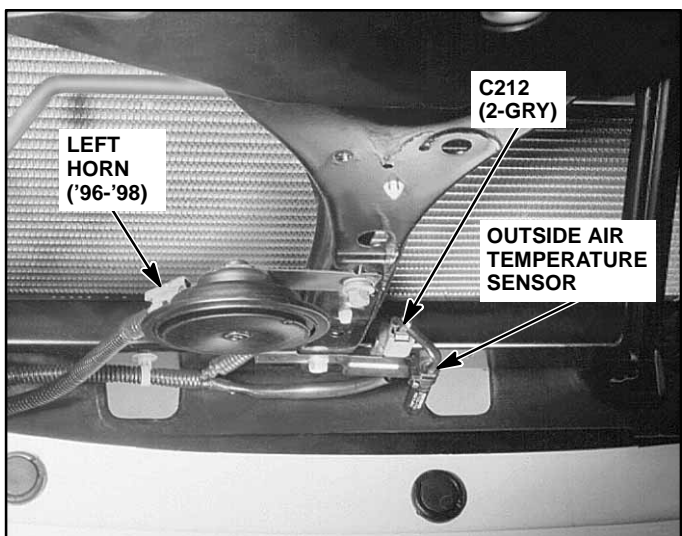
## 1. Behind Front Grille



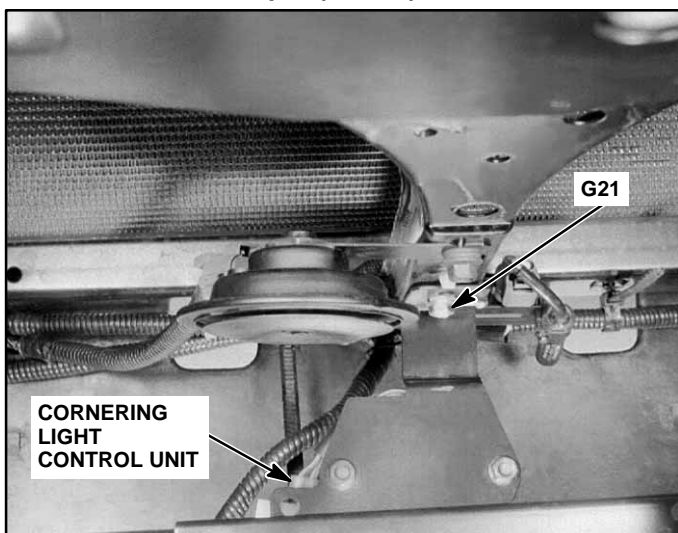
## 2. Behind Front Grille



### 3. Behind Front Grille

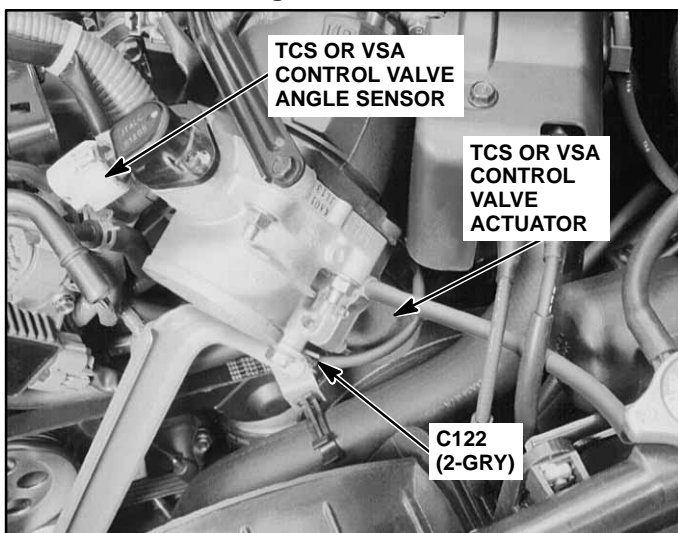


#### 4. Behind Front Bumper ('96-'98)

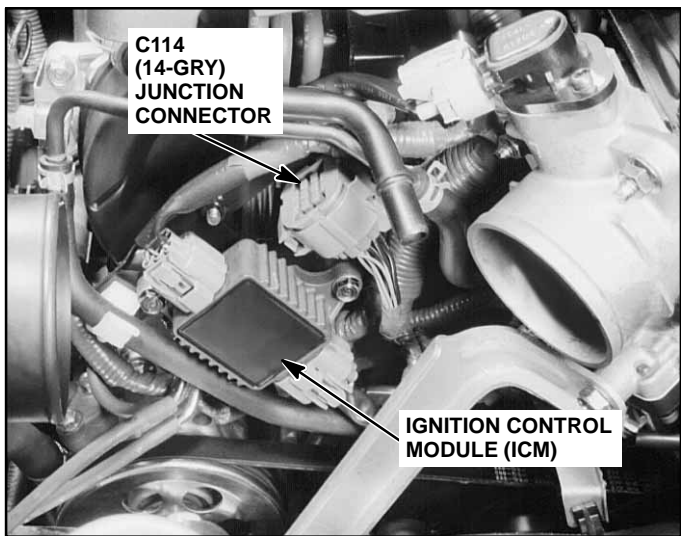




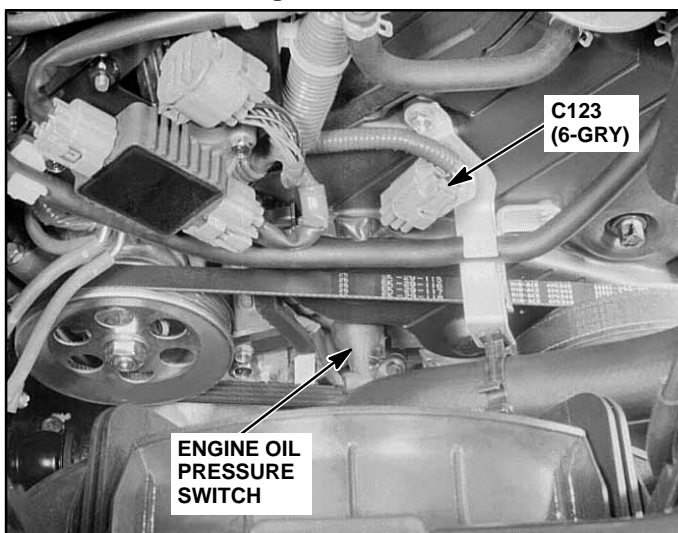
## 5. Center Front of Engine



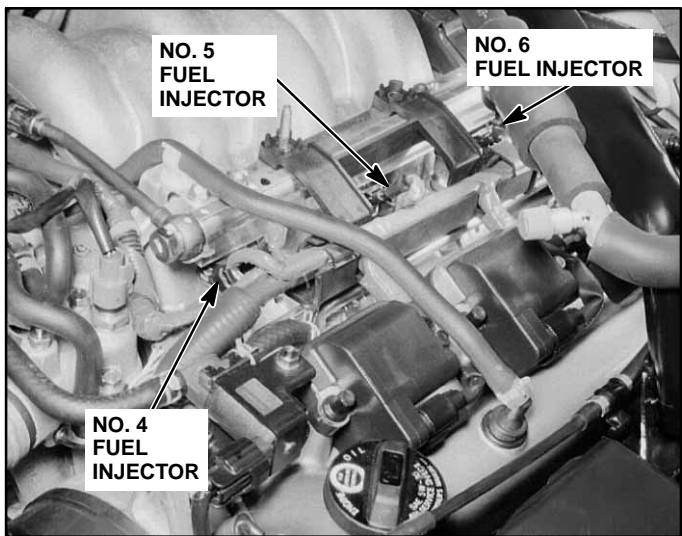
## 6. Center Front of Engine



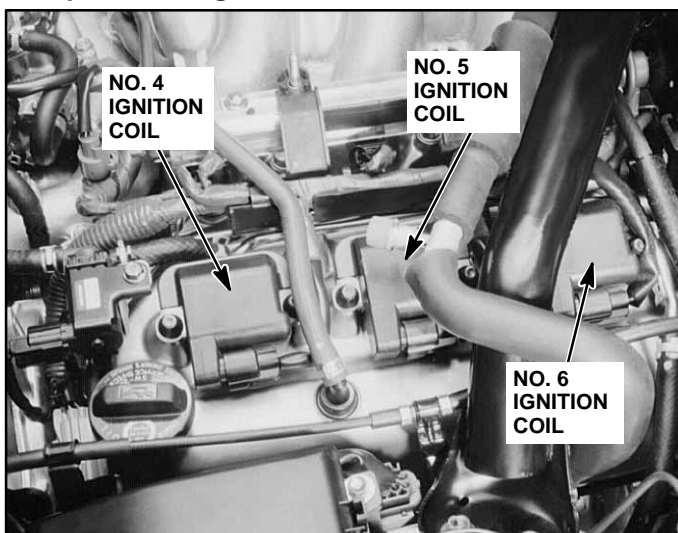
## 7. Center Front of Engine



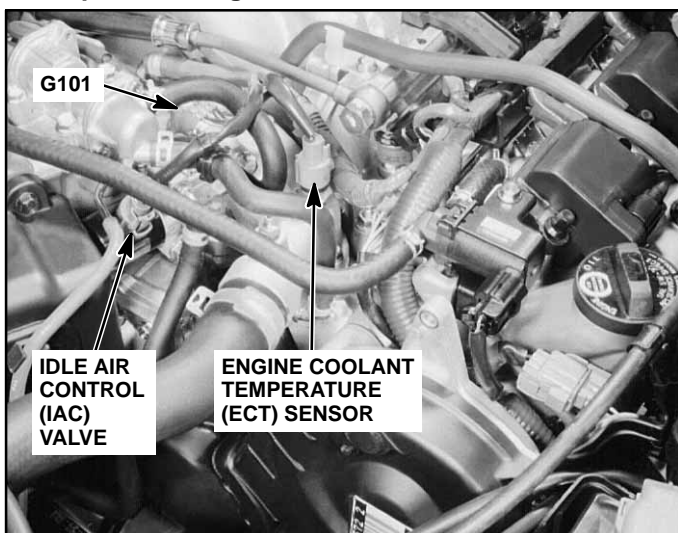
## 8. Top Left of Engine



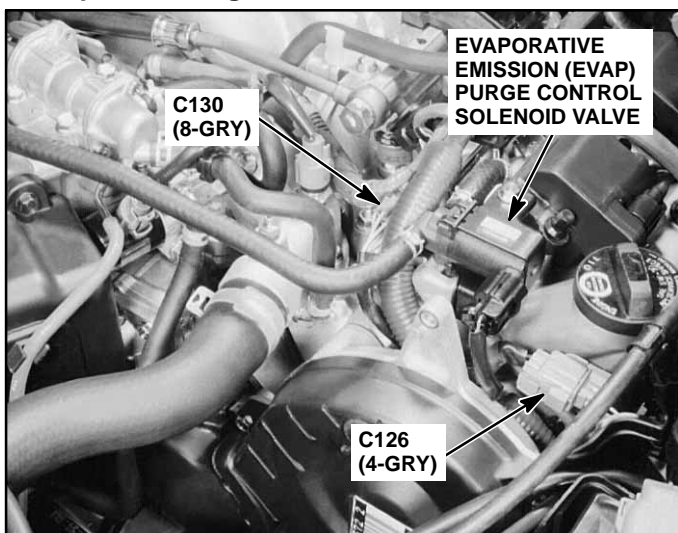
## 9. Top Left of Engine



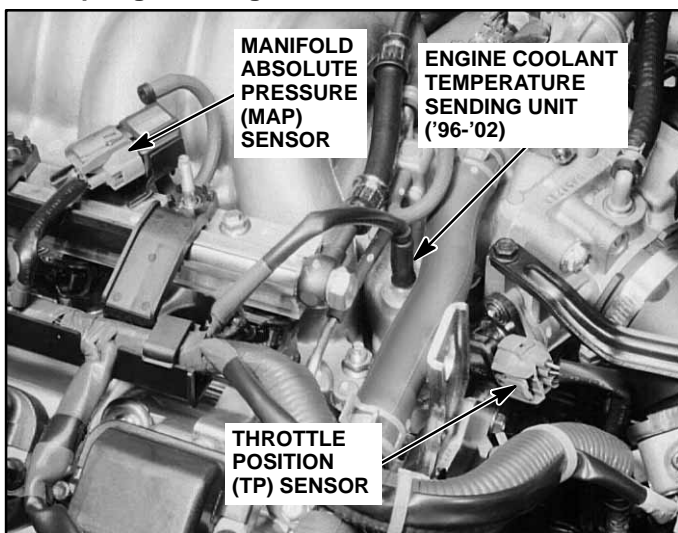
## 10. Top Left of Engine



## 11. Top Left of Engine

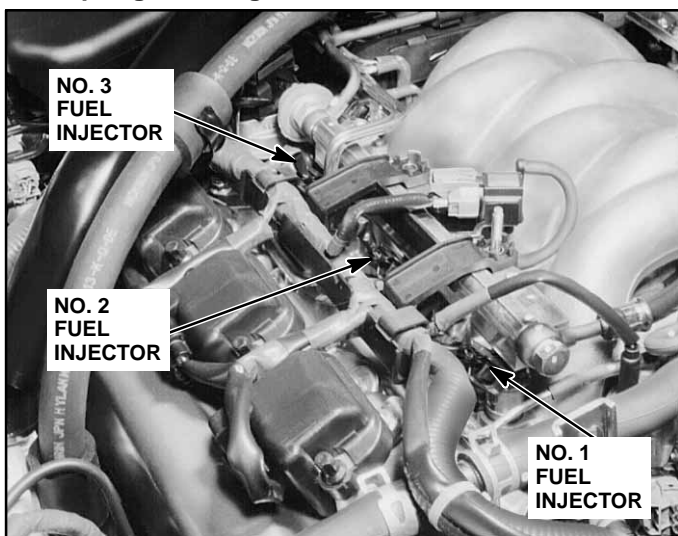


## 12. Top Right of Engine

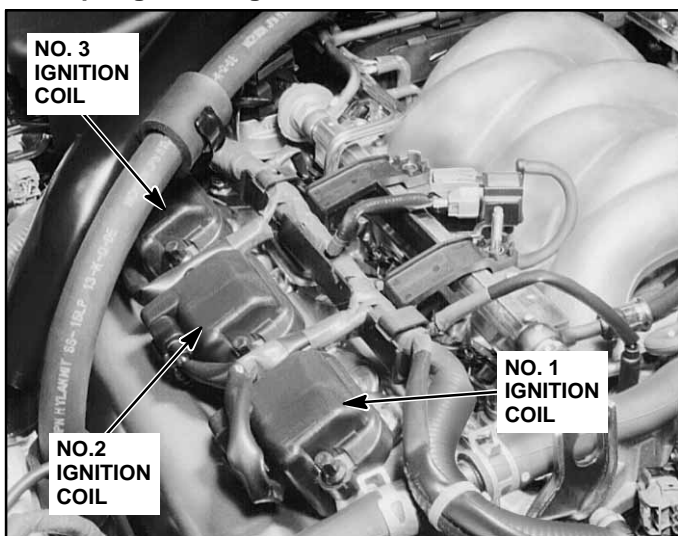




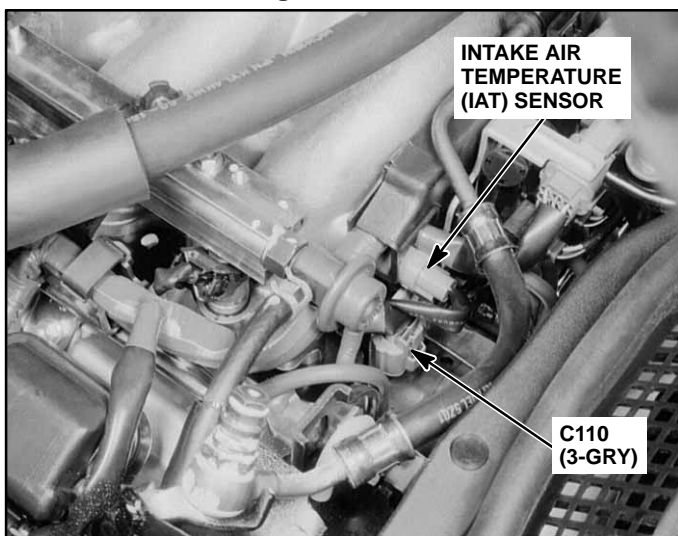
### 13. Top Right of Engine



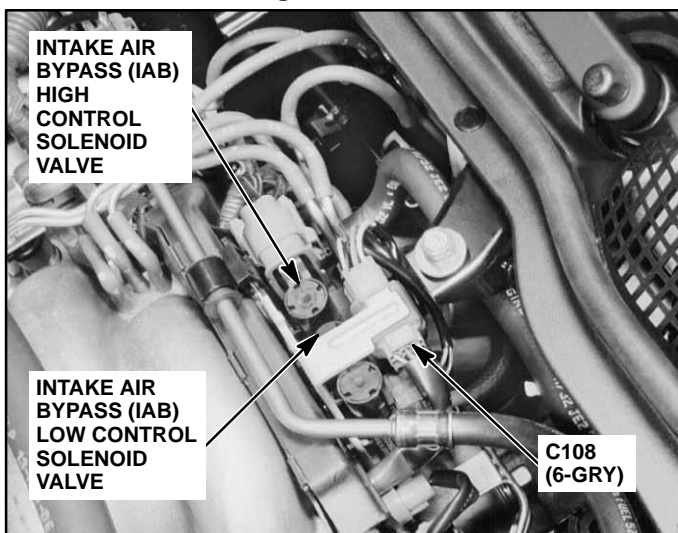
#### 14. Top Right of Engine



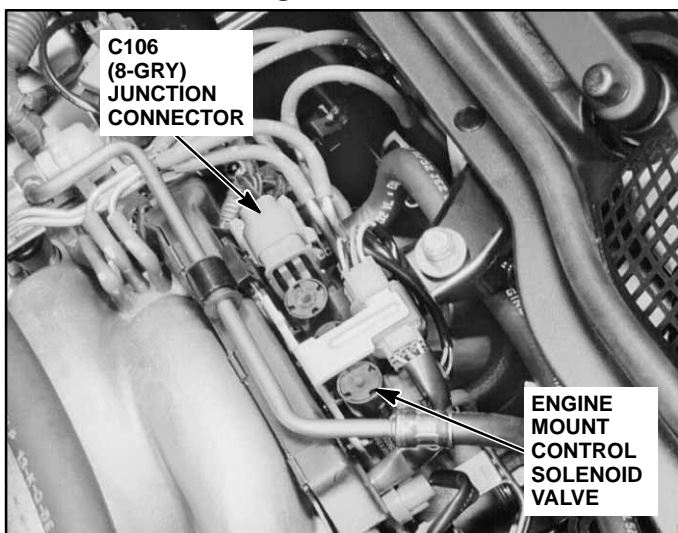
## 15. Center Rear of Engine



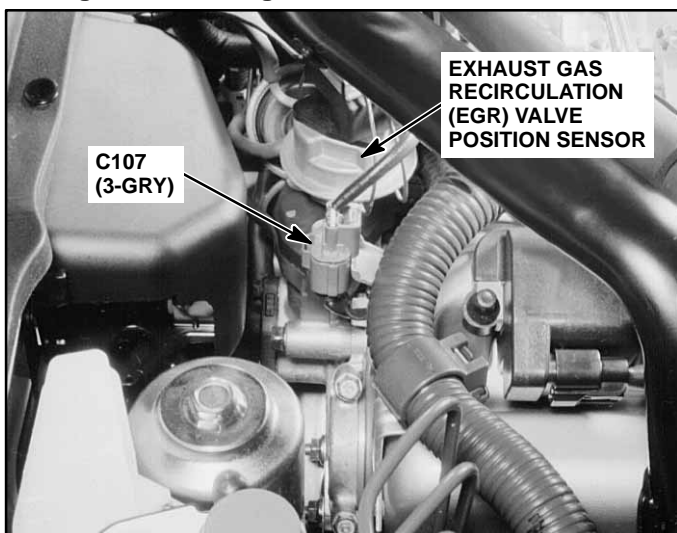
## 16. Center Rear of Engine



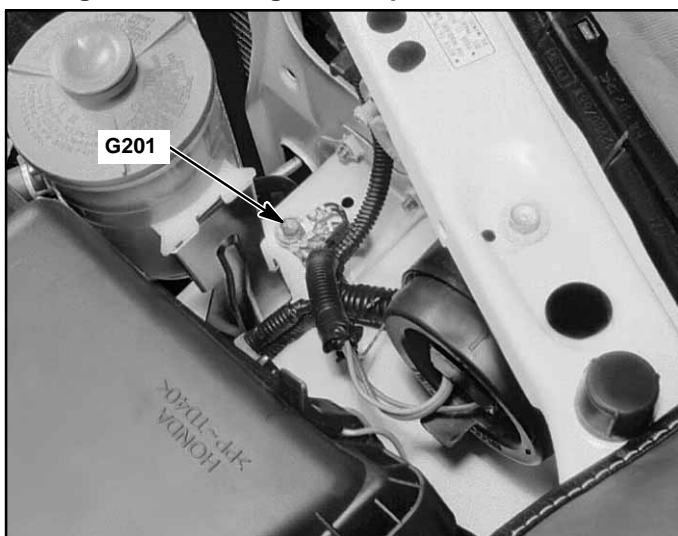
## 17. Center Rear of Engine



## 18. Right Rear of Engine



## 19. Right Front of Engine Compartment

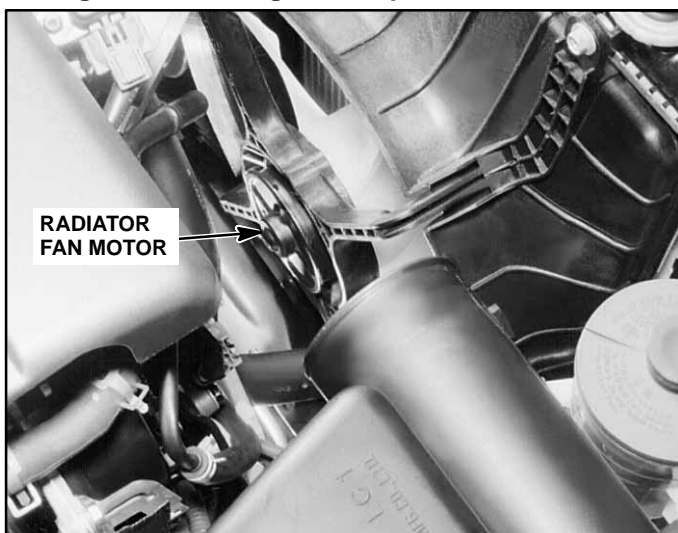


## 20. Right Front of Engine Compartment





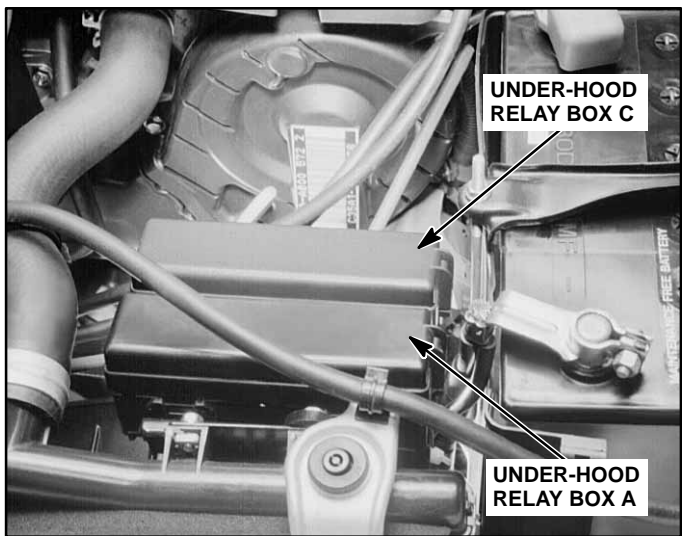
## 21. Right Front of Engine Compartment



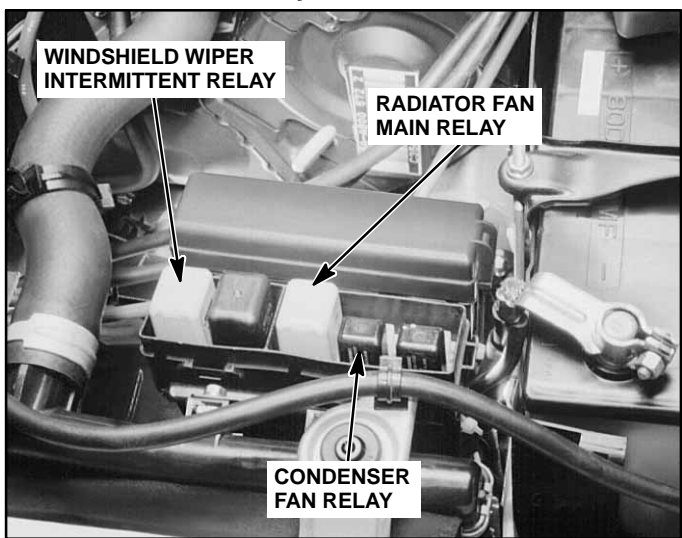
## 22. Left Front of Engine Compartment



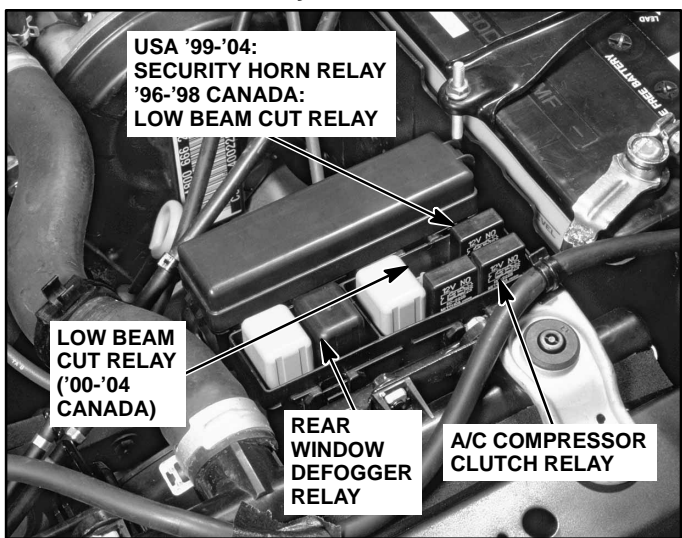
### 23. Left Front of Engine Compartment



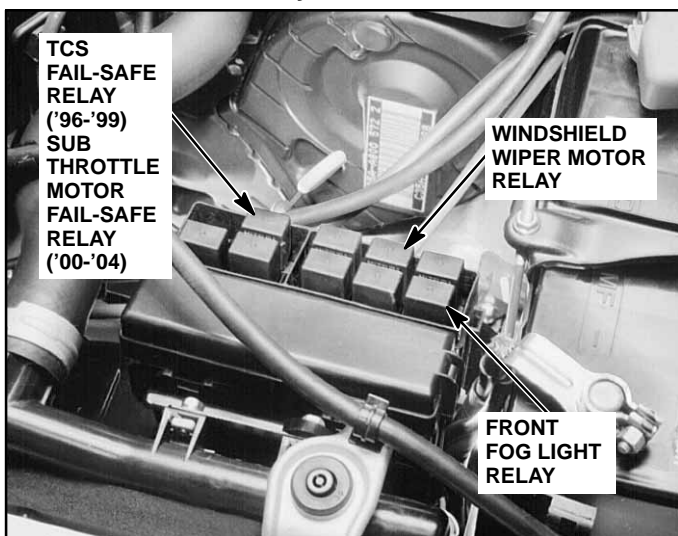
## 24. In Under-hood Relay Box A



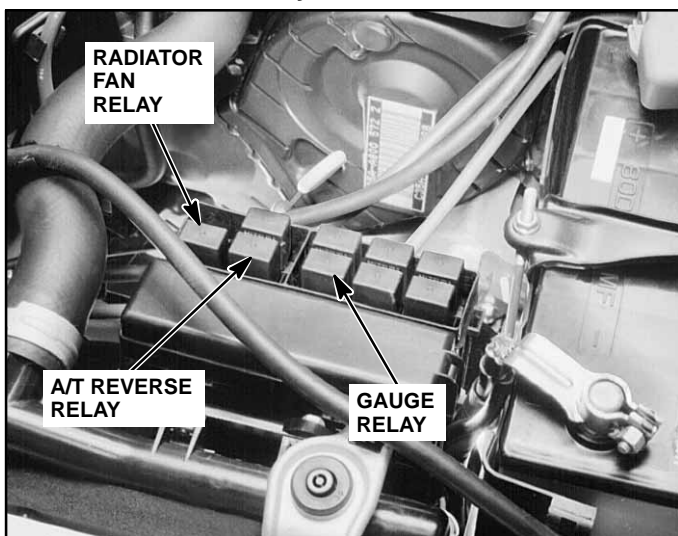
## 25. In Under-hood Relay Box A



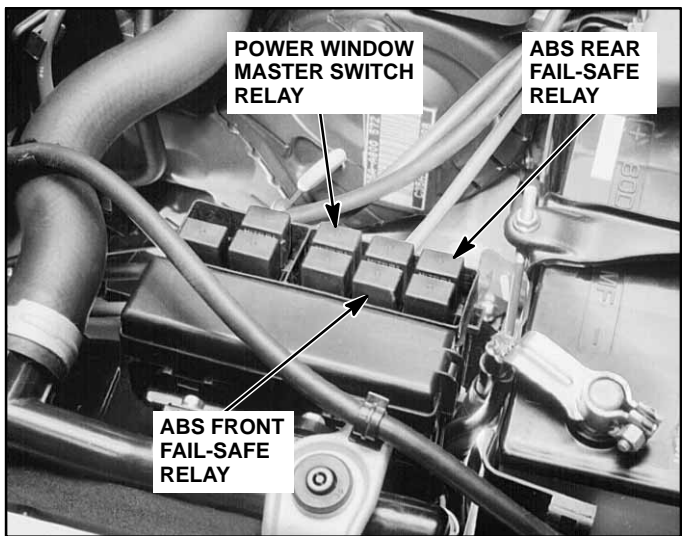
## 26. In Under-hood Relay Box C



## 27. In Under-hood Relay Box C

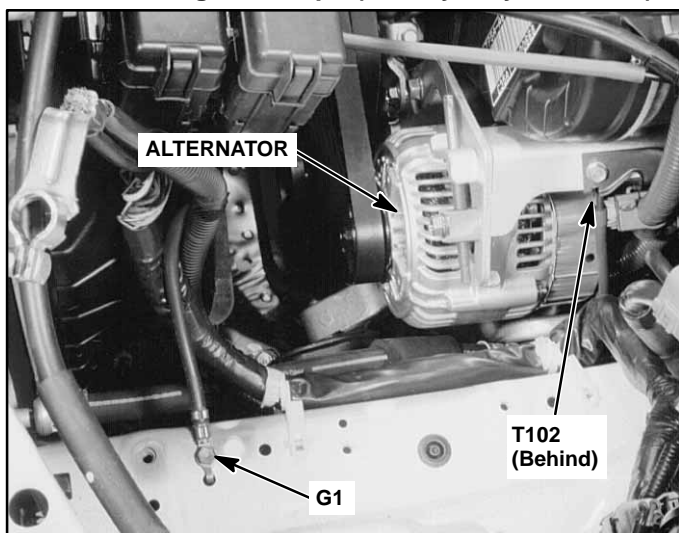


28. In Under-hood Relay Box C ('96-'97)

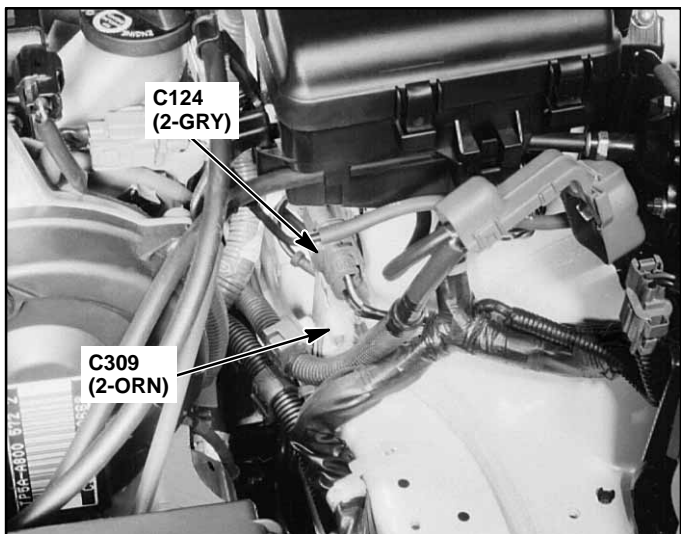




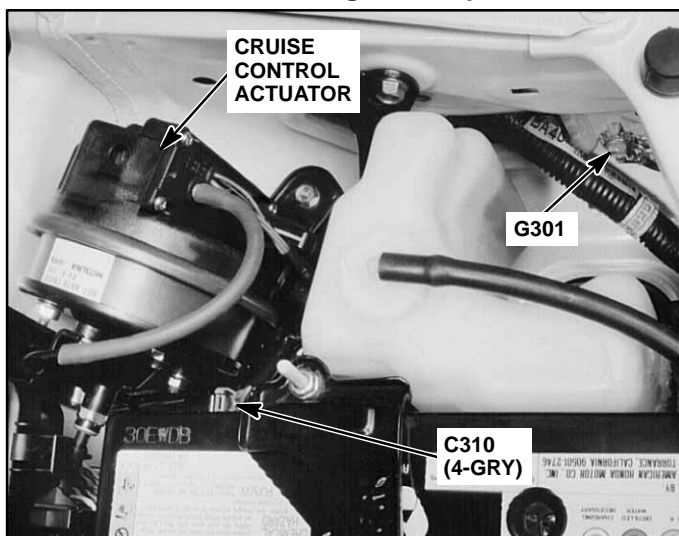
## 29. Front of Engine Compt. (Battery Tray Removed)



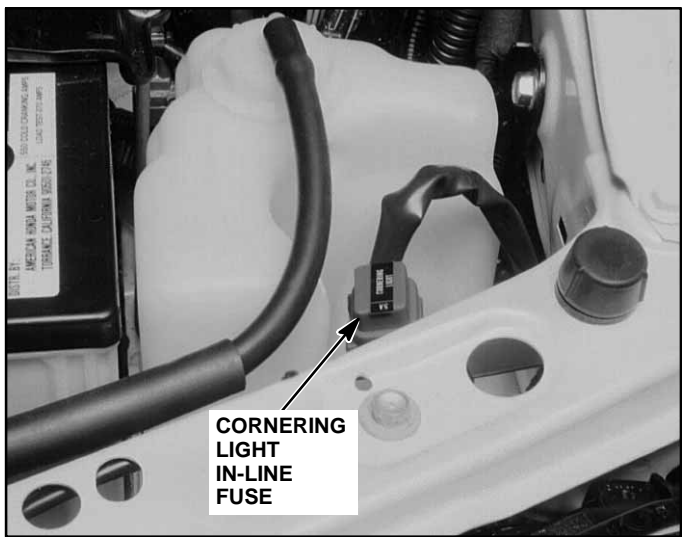
### 30. Left Side of Engine Compartment



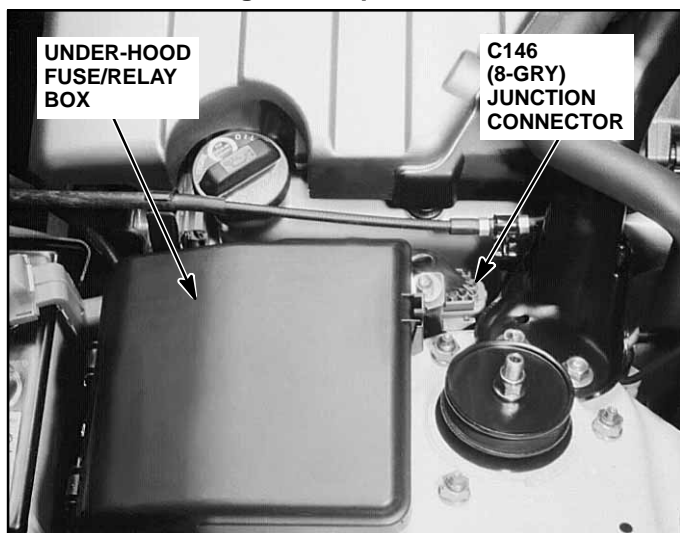
### 31. Left Front Corner of Engine Compartment



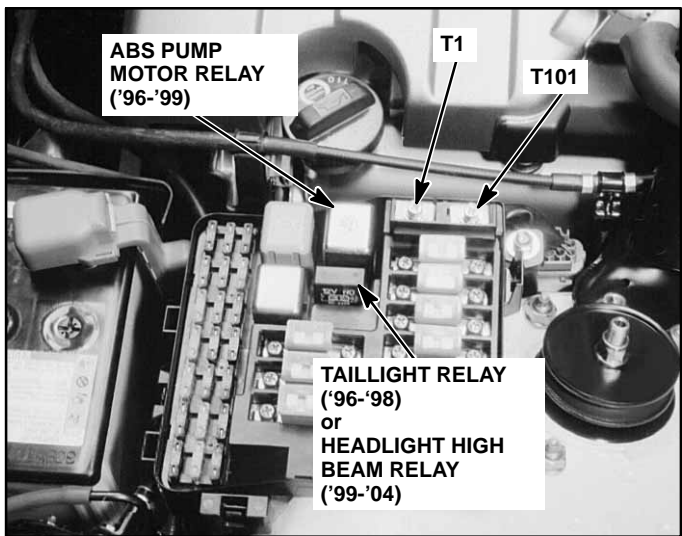
## 32. Left Front Corner of Engine Compt. ('96-'98)



### 33. Left Side of Engine Compartment



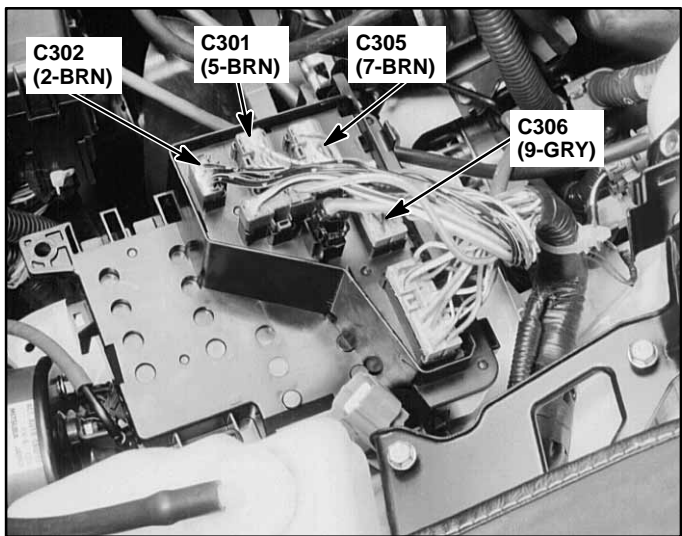
### 34. In Under-hood Fuse/Relay Box



### 35. In Under-hood Fuse/Relay Box

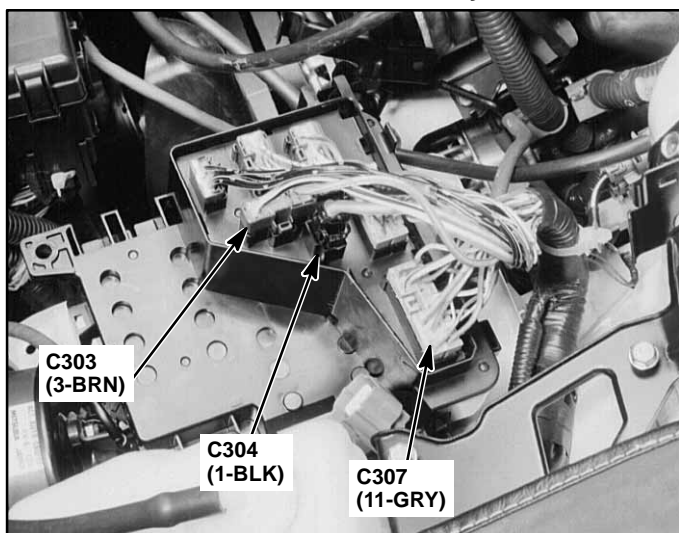


### 36. Bottom of Under-hood Fuse/Relay Box

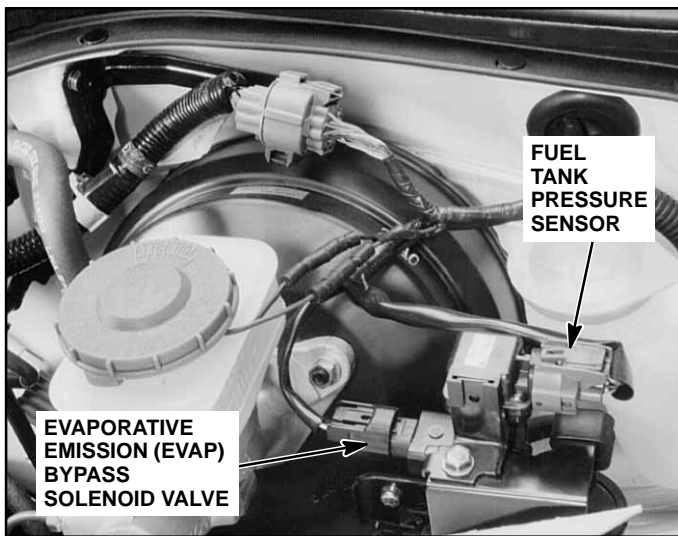




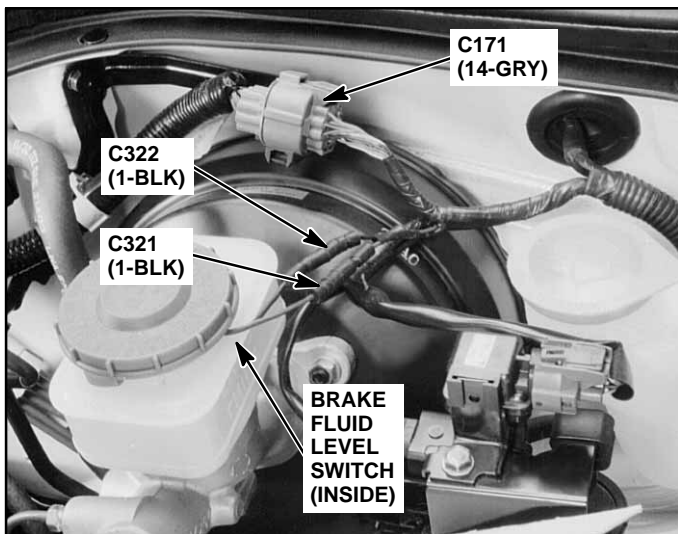
### 37. Bottom of Under-hood Fuse/Relay Box



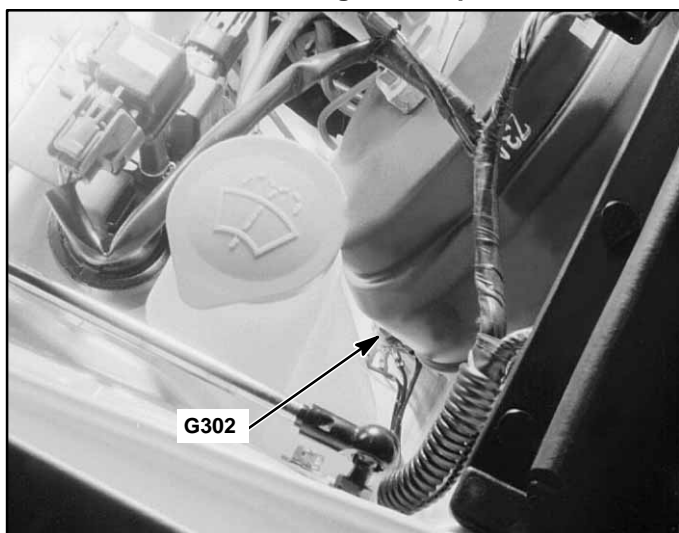
### 38. Left Rear Corner of Engine Comp. ('96-'99)



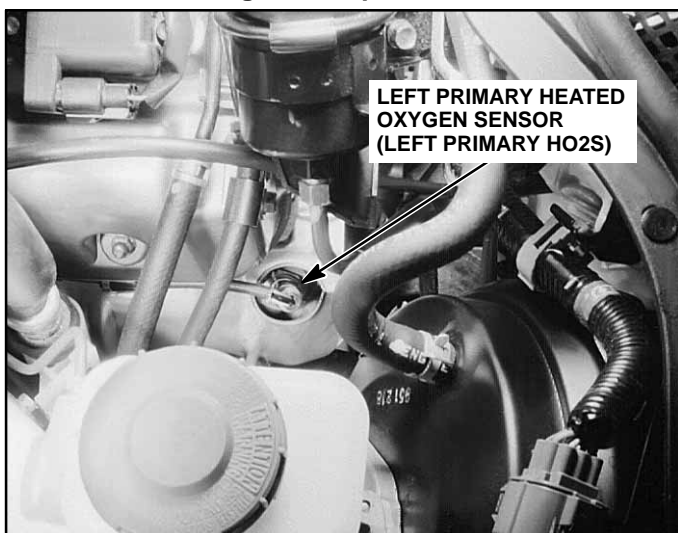
### 39. Left Rear Corner of Engine Compartment



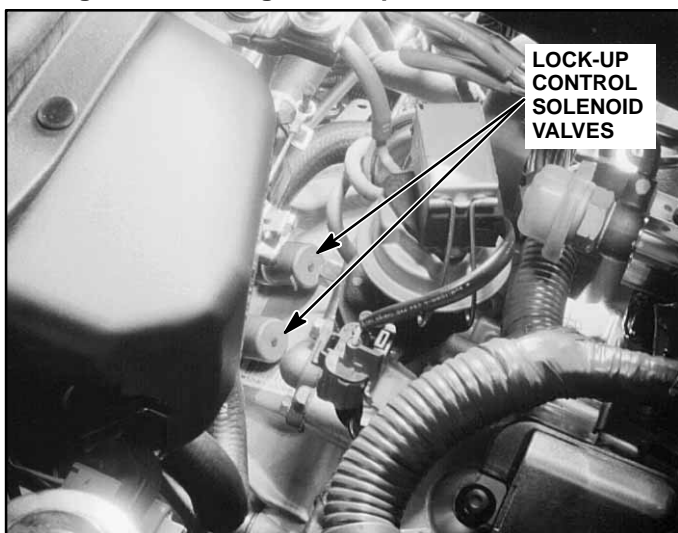
#### 40. Left Rear Corner of Engine Compartment



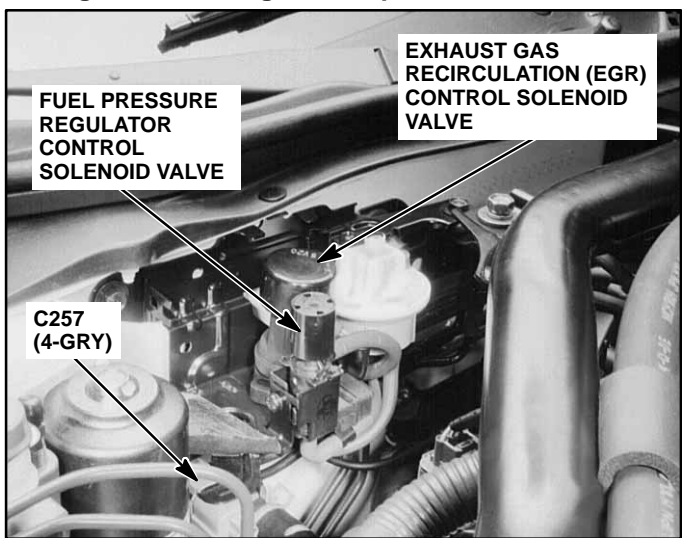
#### 41. Left Rear of Engine Compartment



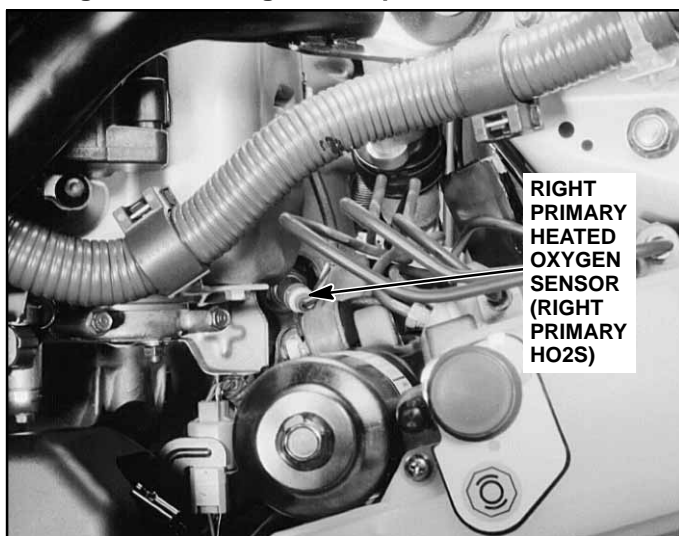
## 42. Right Rear of Engine Compartment



### 43. Right Rear of Engine Compartment

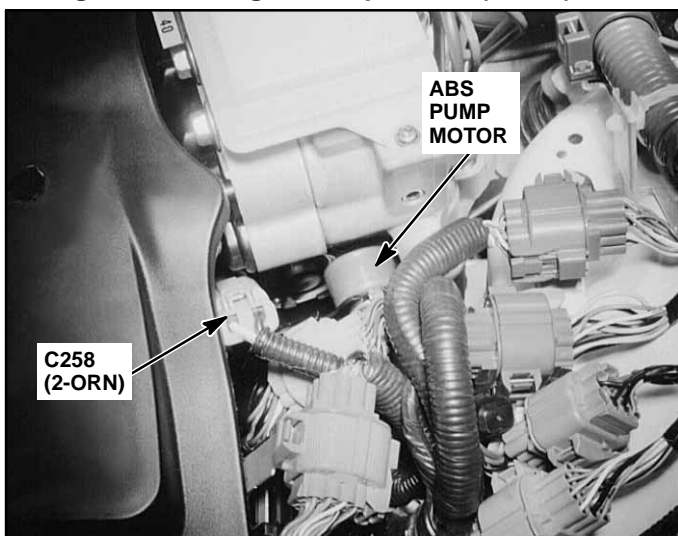


#### 44. Right Rear of Engine Compartment





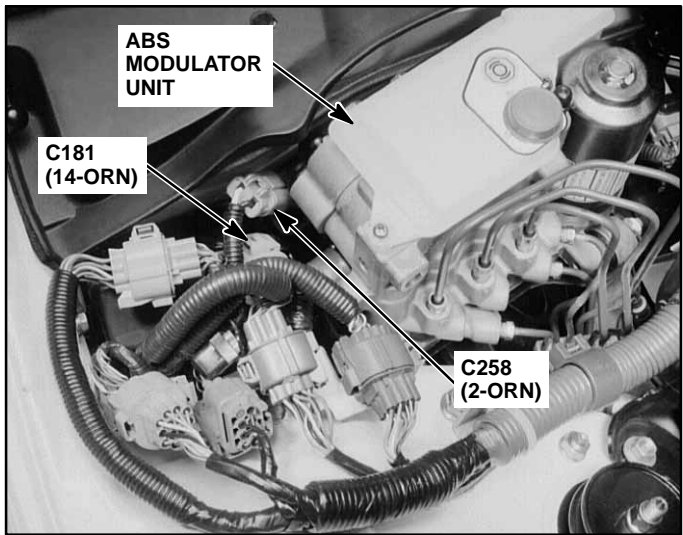
#### 45. Right Rear of Engine Compartment ('96-'99)



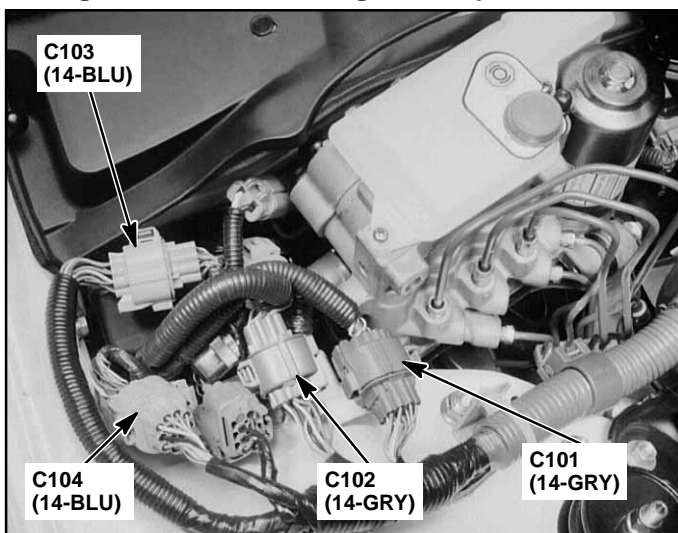
**46. Rt. Rr. of Eng. Comp. ('96-'99 Shown, '00-'04 Sim.)**



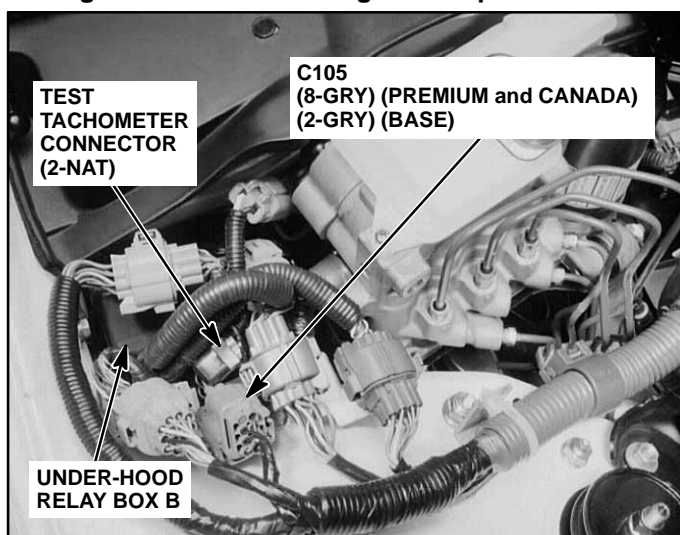
#### 47. Right Rear Corner of Engine Compartment ('96-'97)



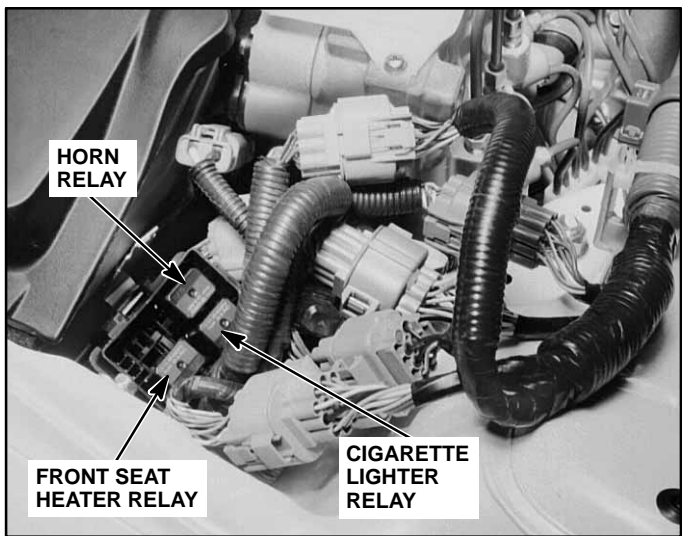
#### 48. Right Rear Corner of Engine Compartment



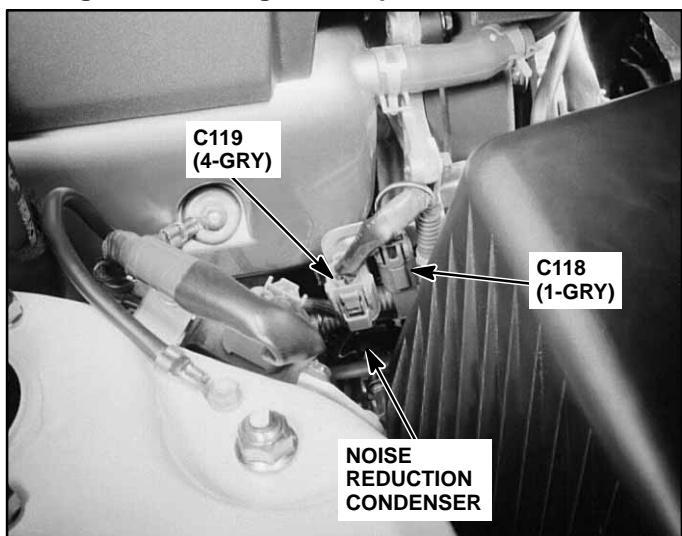
## 49. Right Rear Corner of Engine Compartment



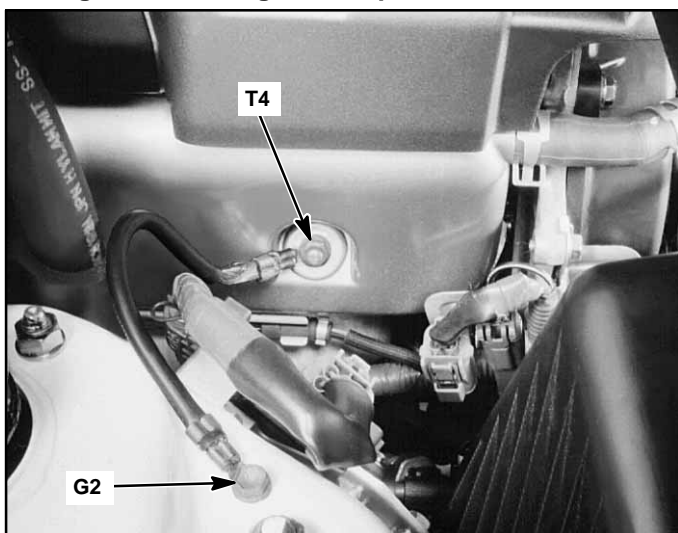
**50. In Under-hood Relay Box B ('96-'97)**



## 51. Right Side of Engine Compartment

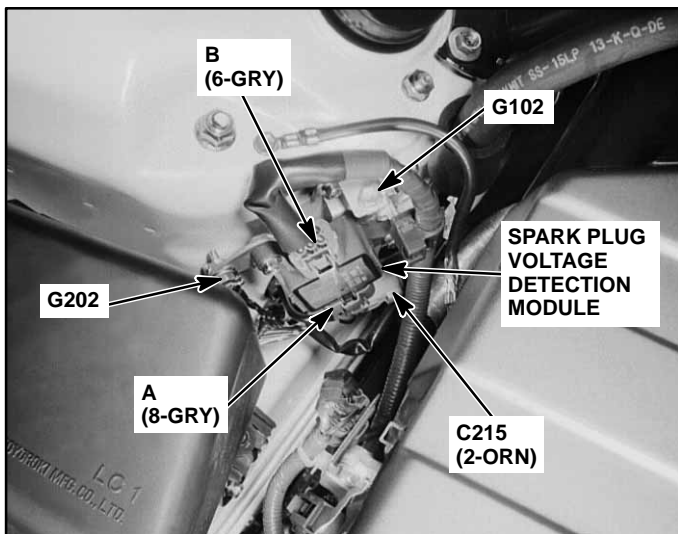


## 52. Right Side of Engine Compartment

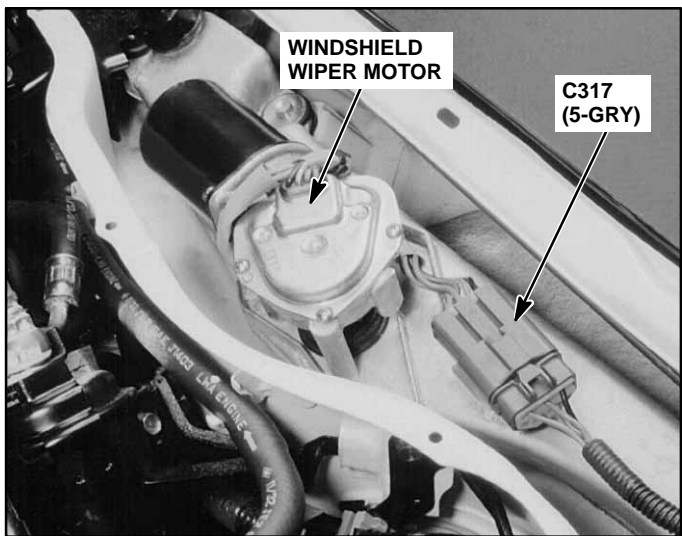




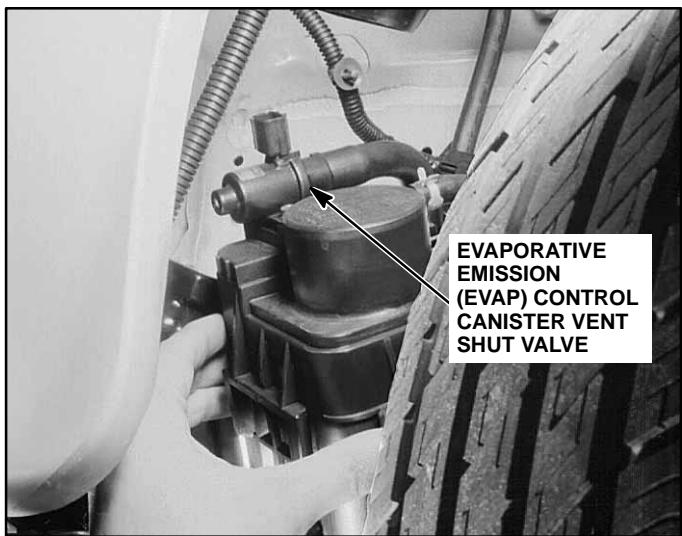
### 53. Right Side of Engine Compartment



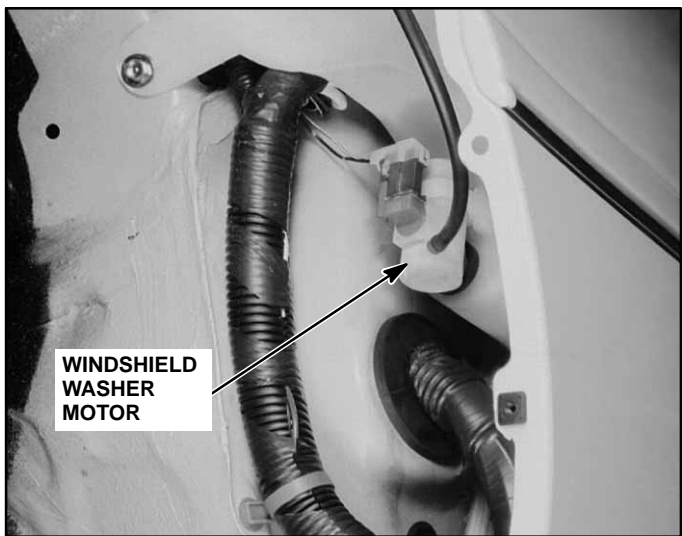
## 54. Under Cowl Cover



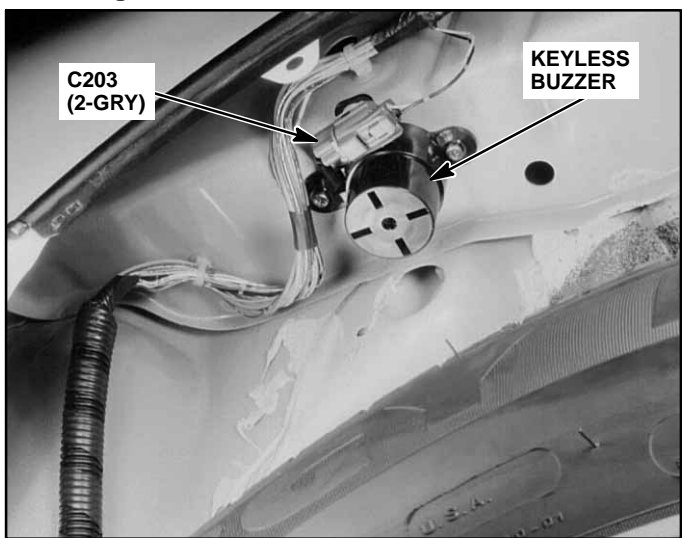
**55. At Left Inner Fender ('96-'99)**



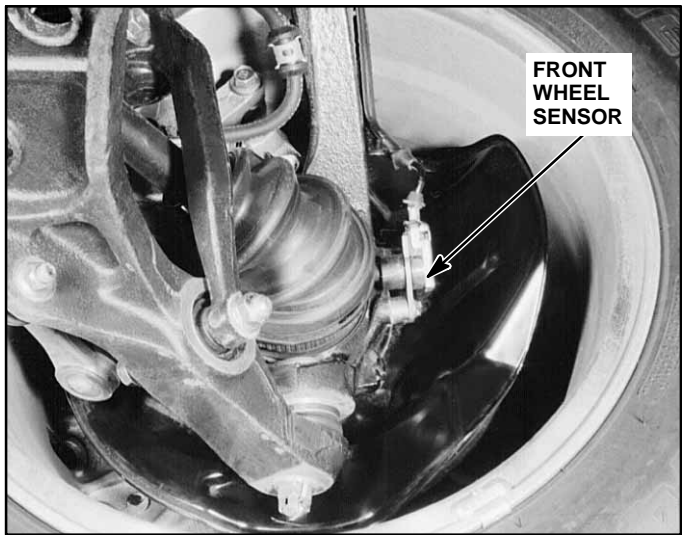
56. At Left Inner Fender



57. At Right Inner Fender



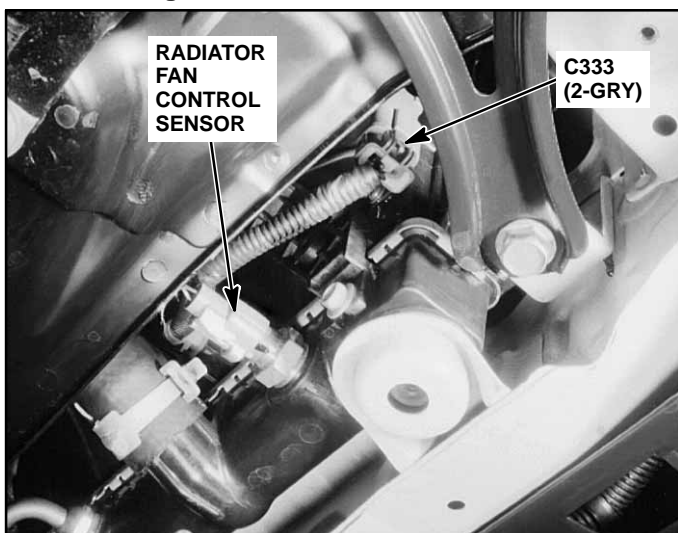
**58. Behind Left Front Wheel (Right Similar)**



**59. Behind Left Rear Wheel (Right Similar)**

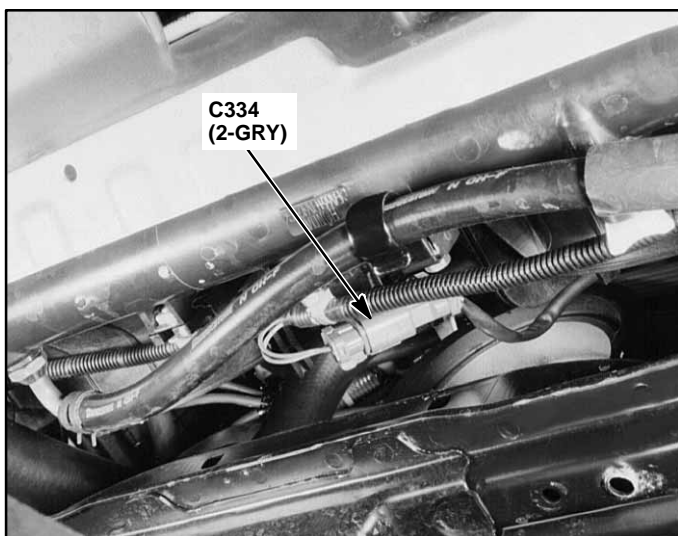


## 60. Lower Right Side of Radiator

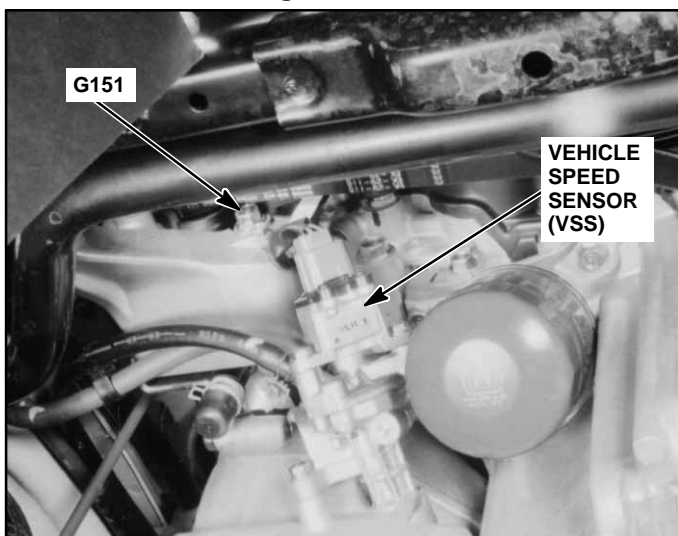




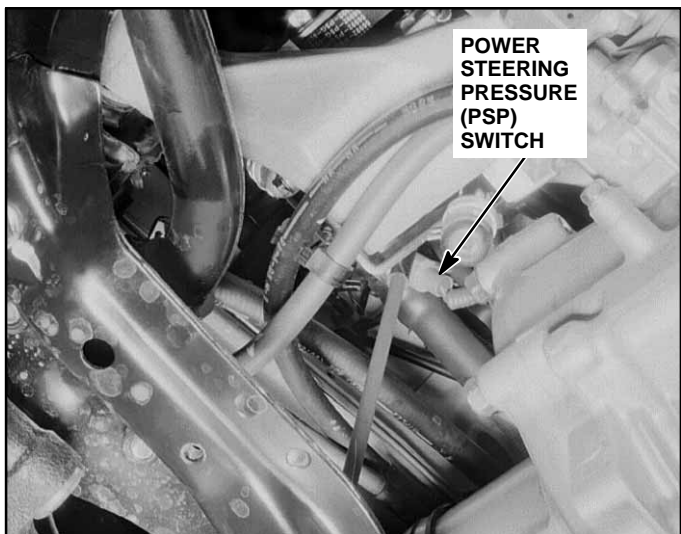
## 61. Lower Center of Radiator



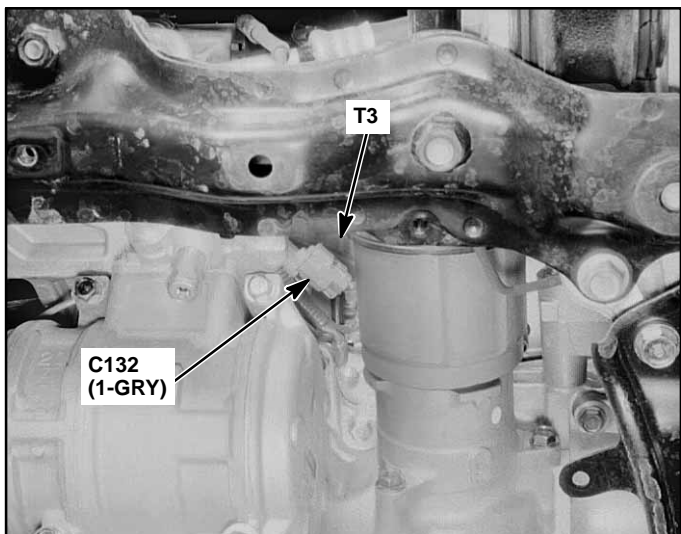
## 62. Lower Front of Engine



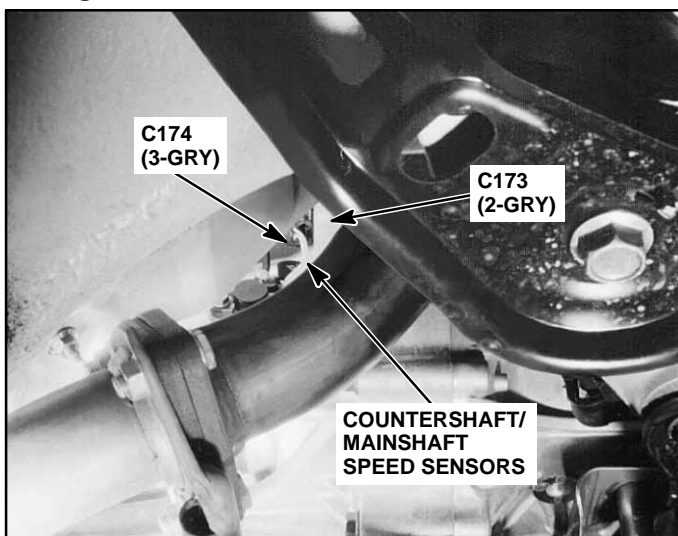
### 63. Lower Right Side of Engine Compartment



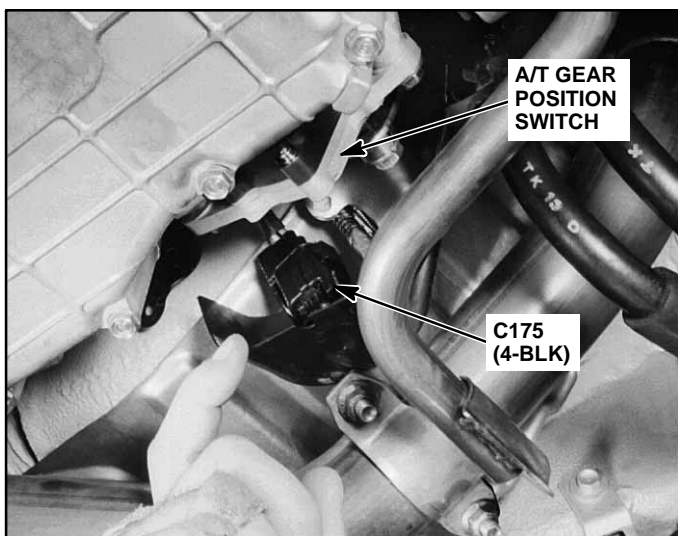
#### 64. Lower Left Side of Engine



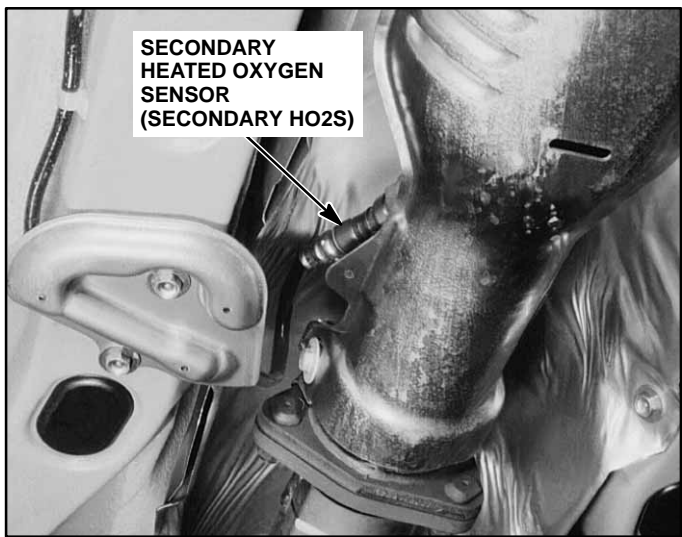
## 65. Right Side of Transmission



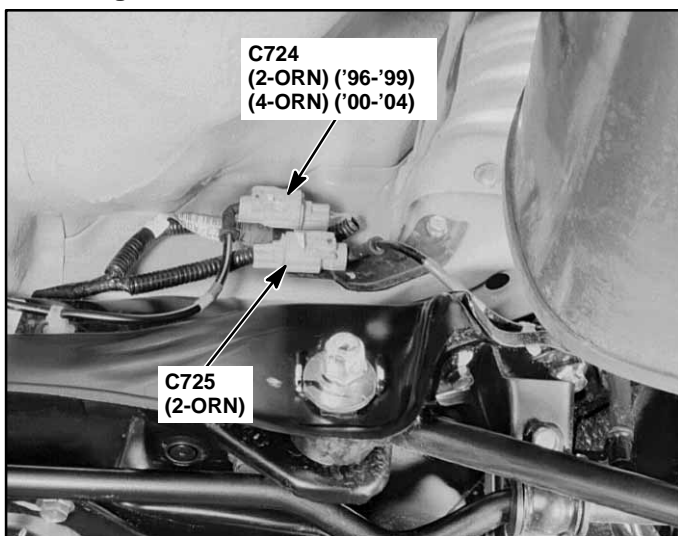
## 66. Left Side of Transmission



67. At Catalytic Converter ('96-'01)

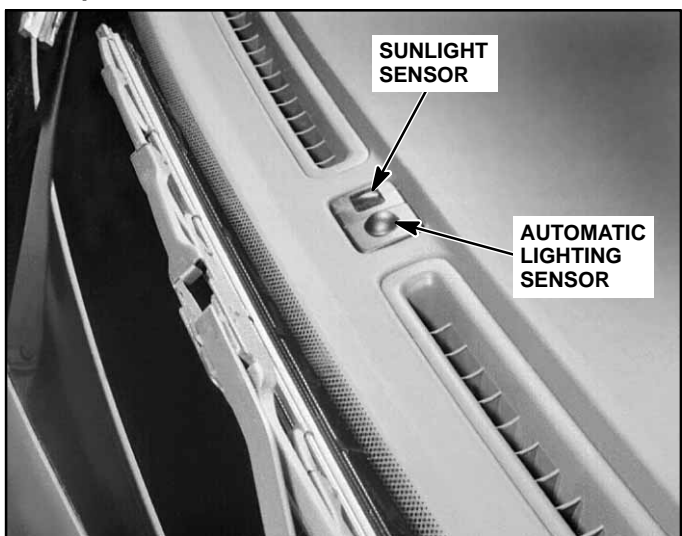


## 68. At Right Side of Rear Cross Beam

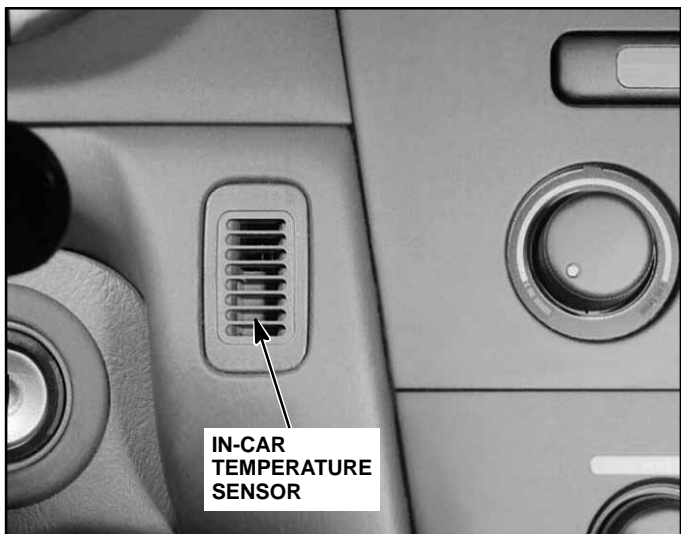




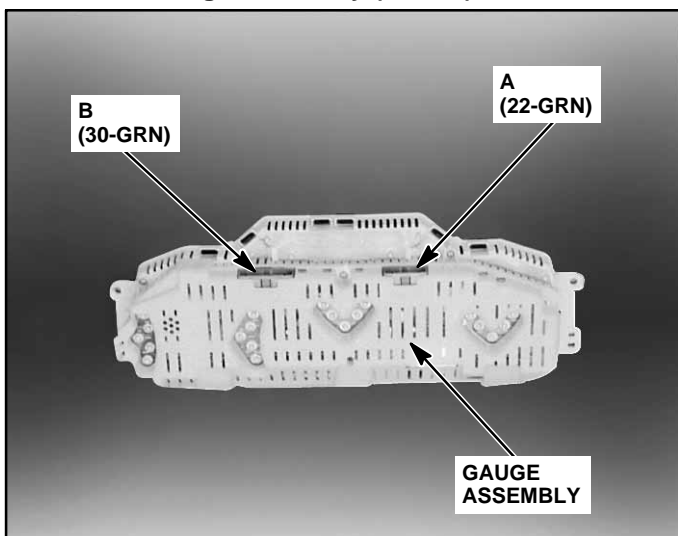
## 69. Top Center of Dash



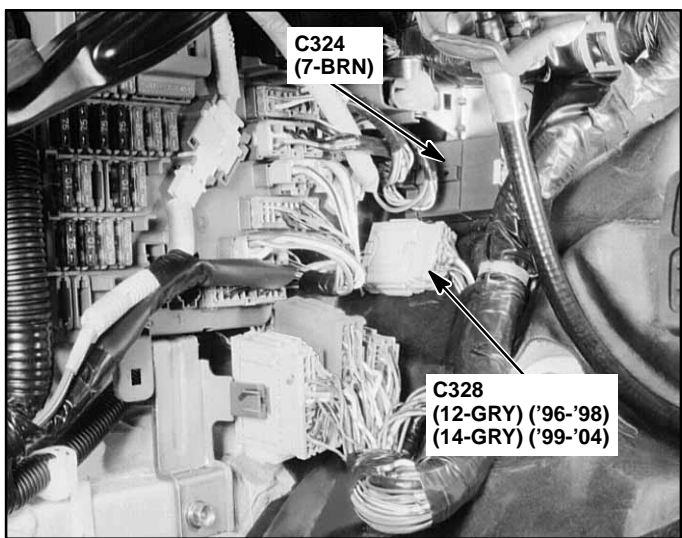
## 70. Right of Steering Column



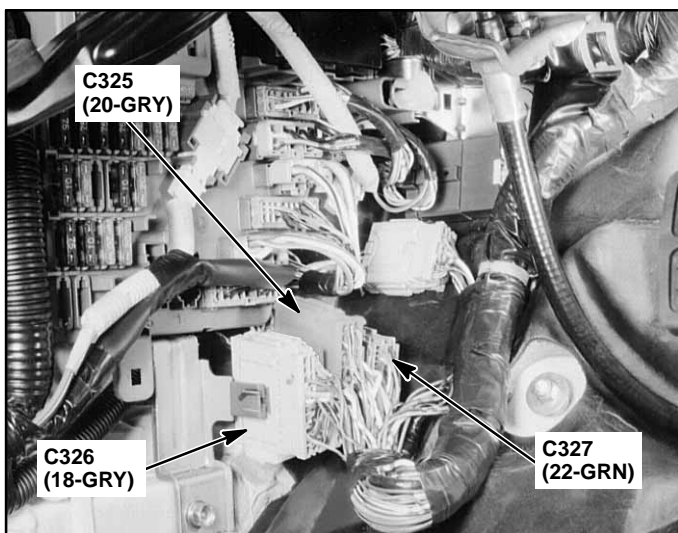
## 71. Rear of Gauge Assembly ('96-'03)



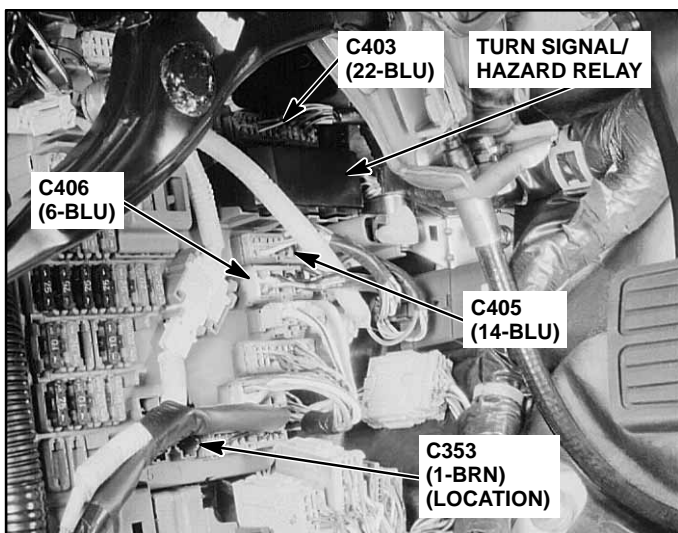
## 72. Behind Left Kick Panel



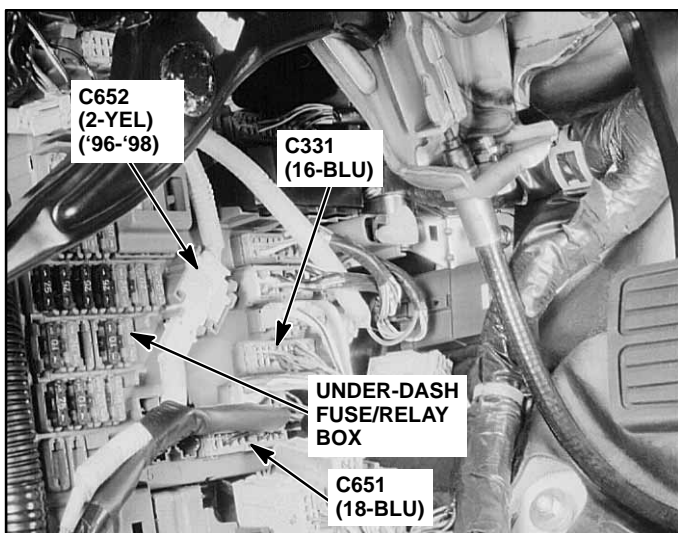
### 73. Behind Left Kick Panel



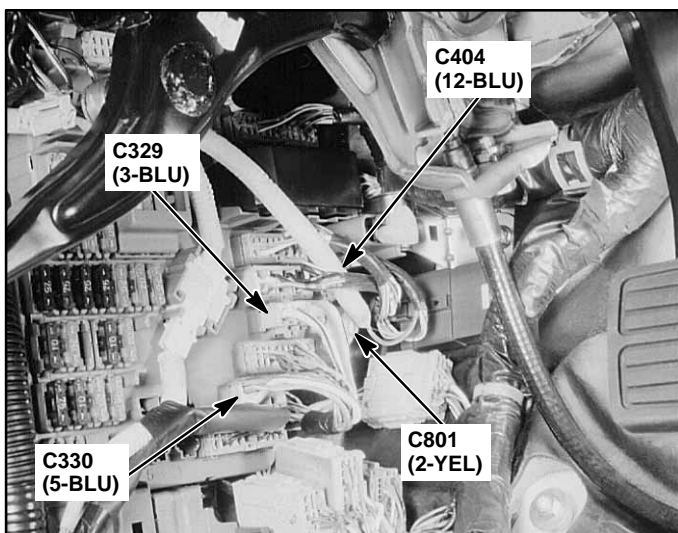
#### 74. Behind Left Kick Panel



## 75. Behind Left Kick Panel

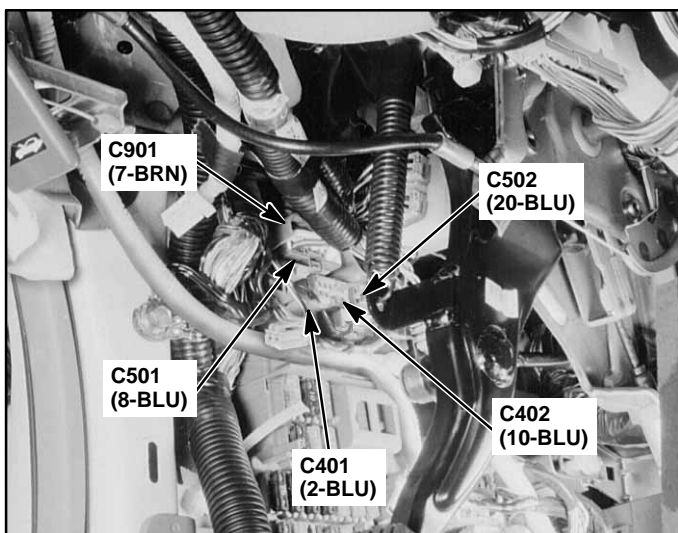


## 76. Behind Left Kick Panel

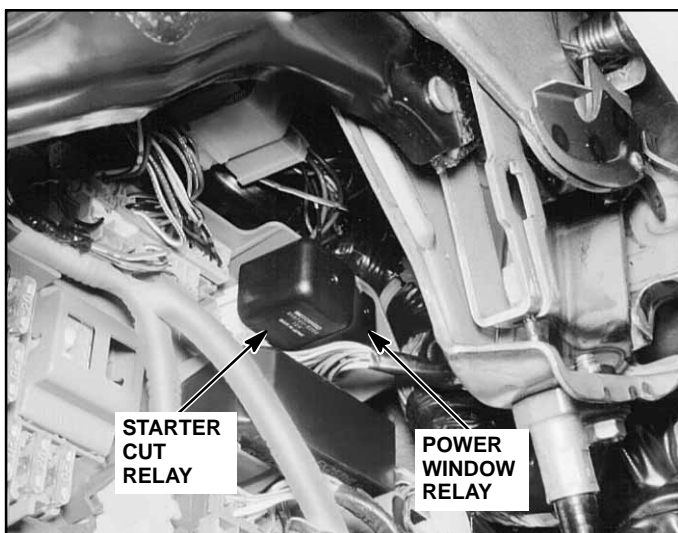




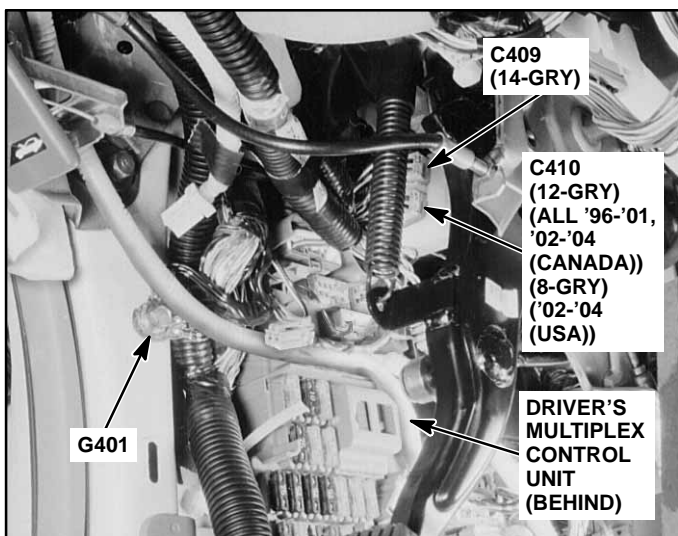
## 77. Behind Left Kick Panel



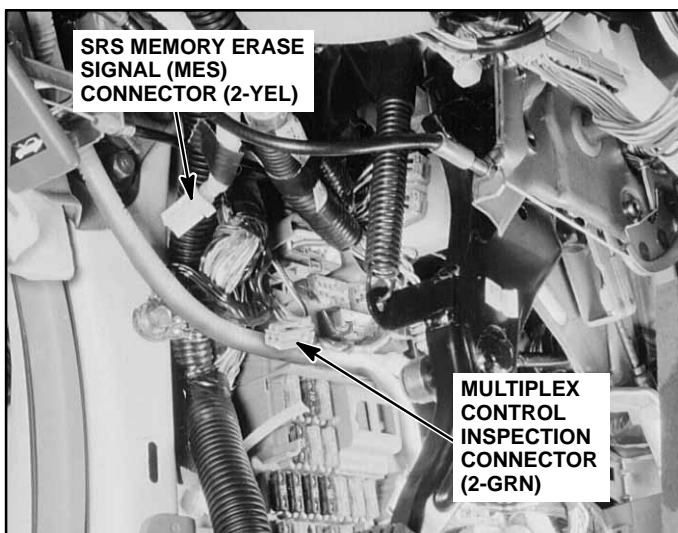
## 78. Behind Left Kick Panel



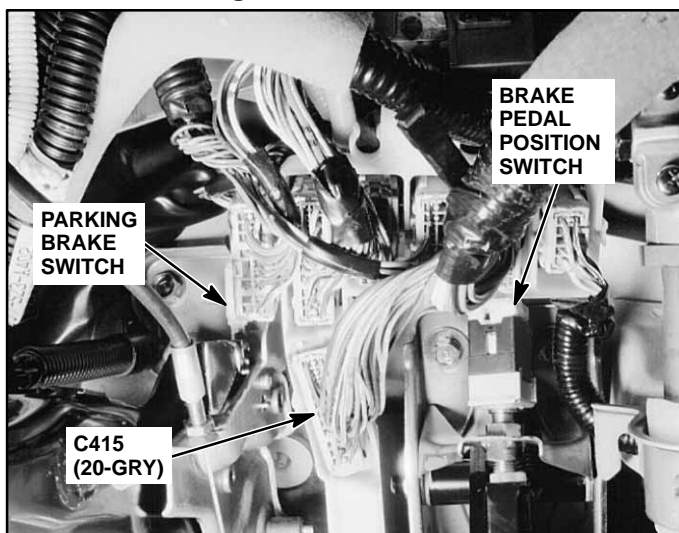
## 79. Behind Left Kick Panel



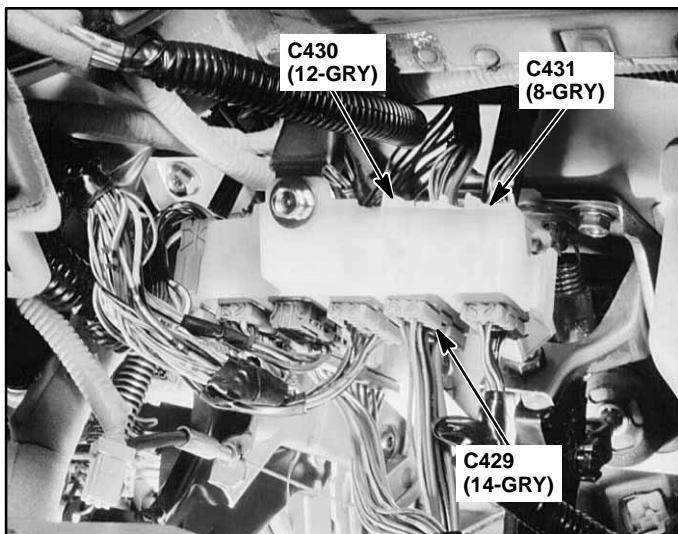
## 80. Behind Left Kick Panel



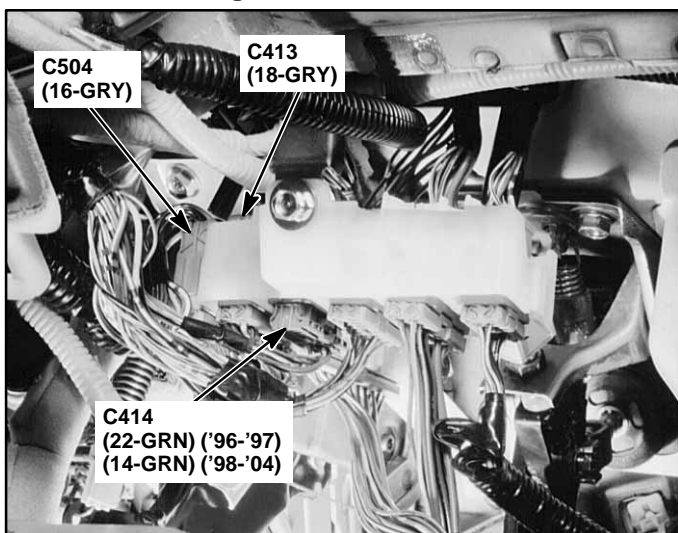
## 81. Left of Steering Column



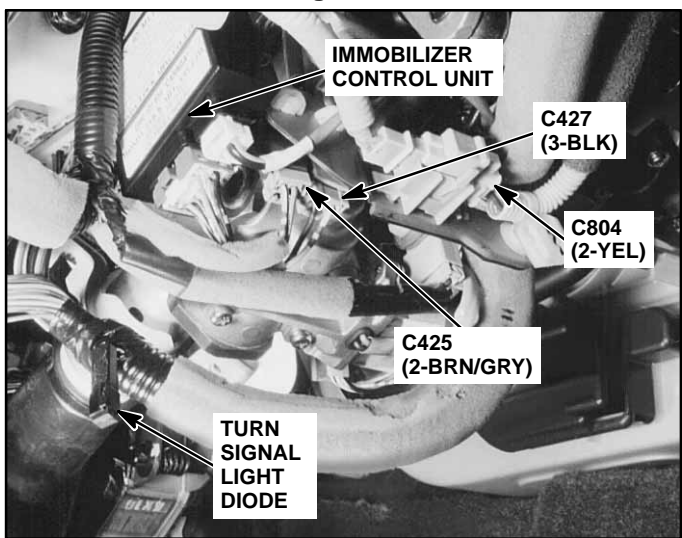
## 82. Left of Steering Column



### 83. Left of Steering Column

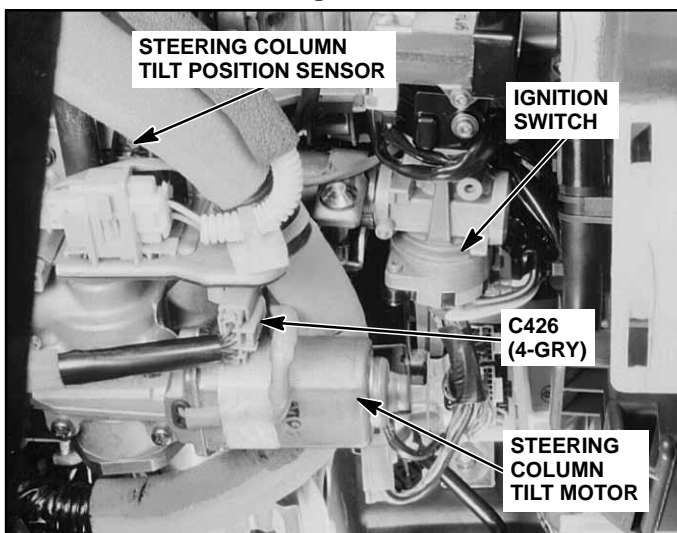


## 84. Underside of Steering Column

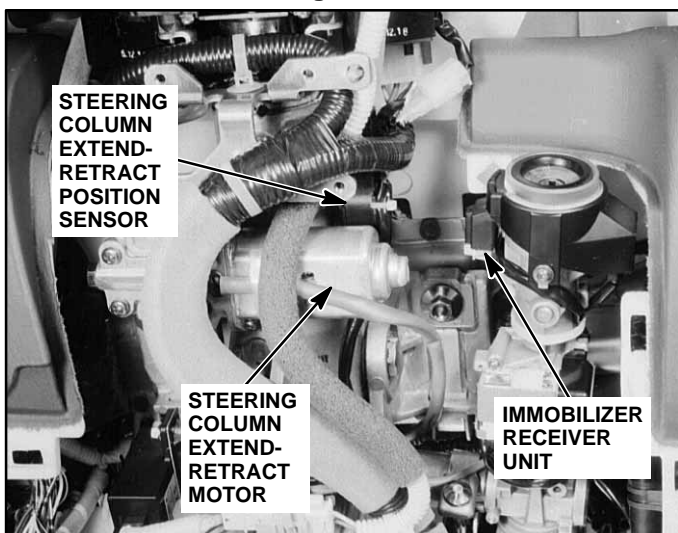




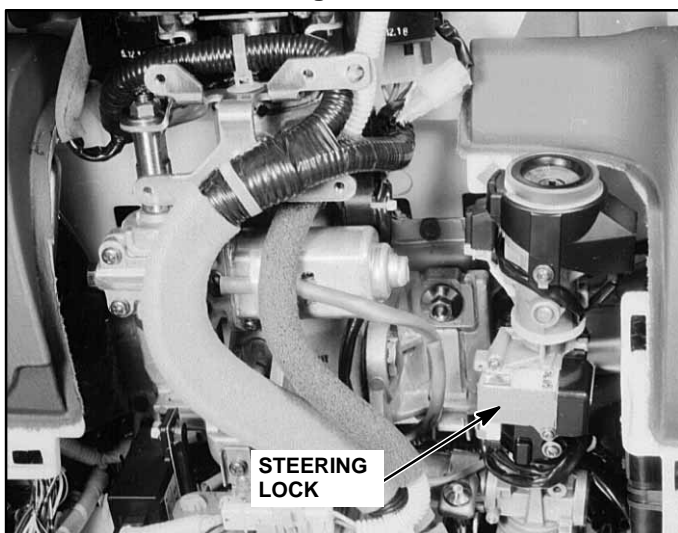
## 85. Underside of Steering Column



## 86. Underside of Steering Column



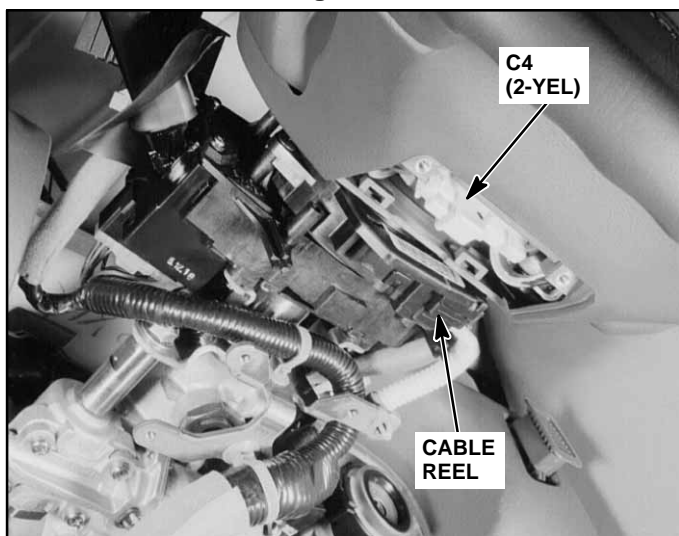
## 87. Underside of Steering Column



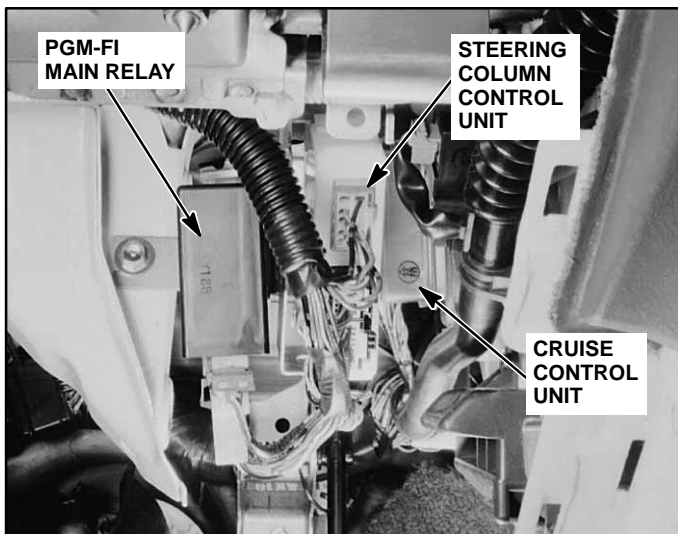
## 88. At Base of Steering Column



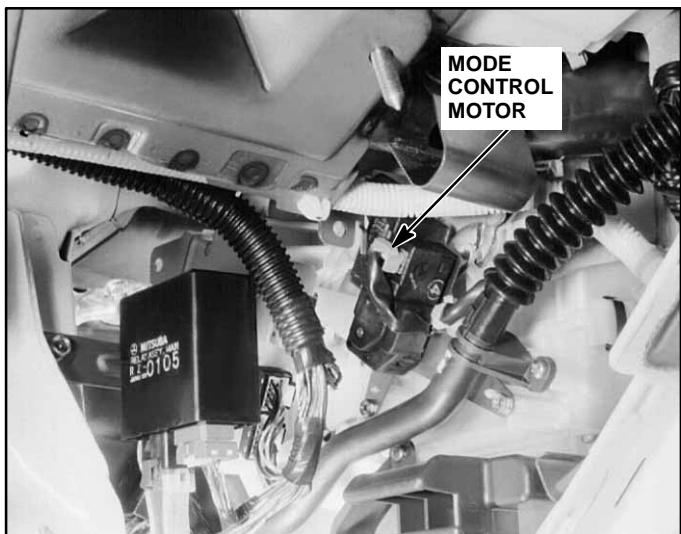
## 89. Underside of Steering Wheel



## 90. Right of Steering Column



## 91. Right of Steering Column



## 92. At Front Console Panel





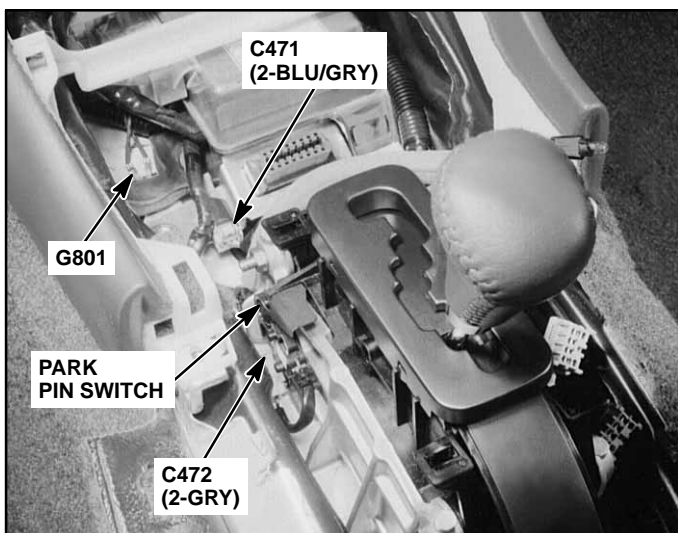
### 93. Below Front Console Panel



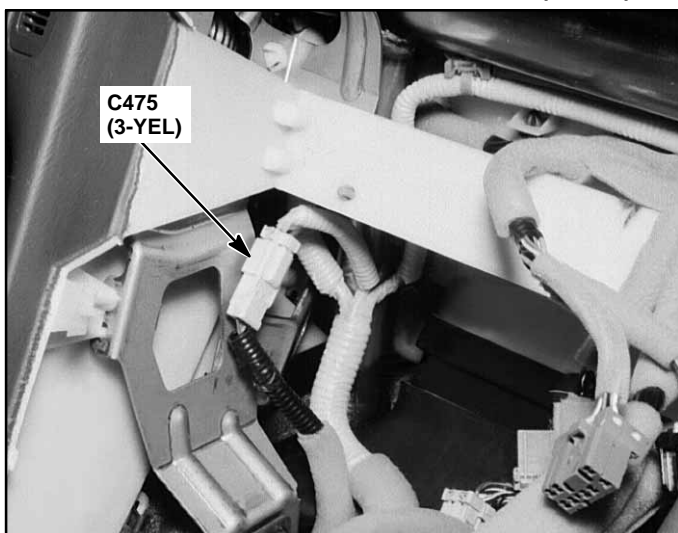
#### 94. Below Front Console Panel



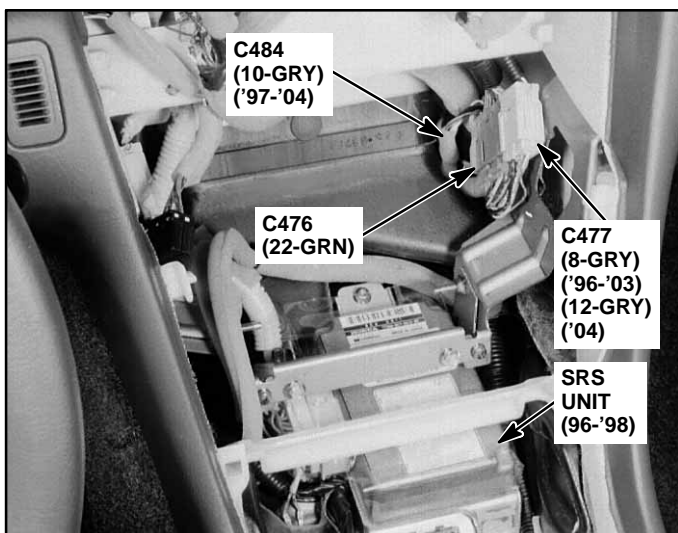
## 95. Below Front Console Panel



## 96. Behind Climate Control and Audio Units ('96-'98)



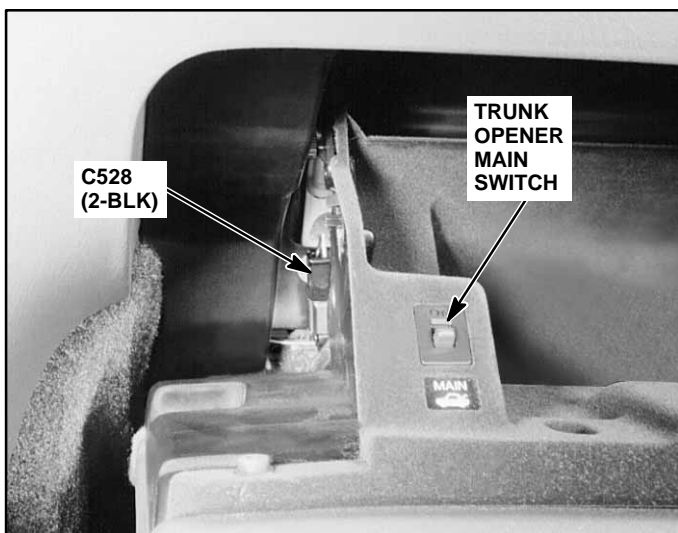
## 97. Behind Climate Control Unit and Audio Unit



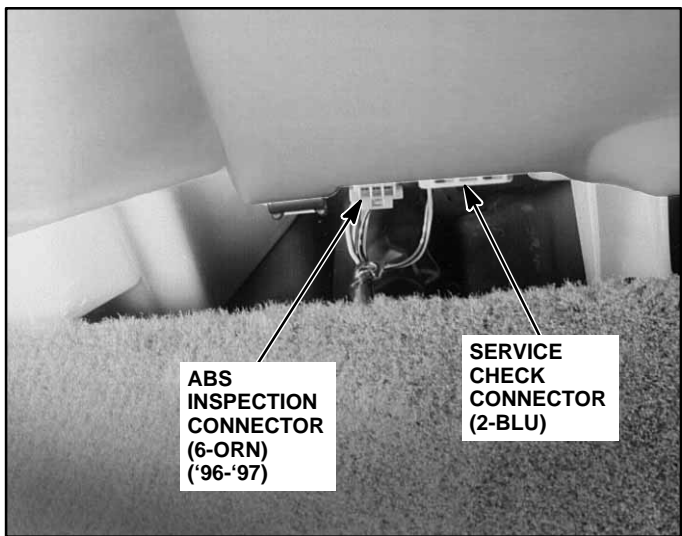
## 98. Right of Front Console, Carpet Pulled Back



## 99. Left Side of Glove Box

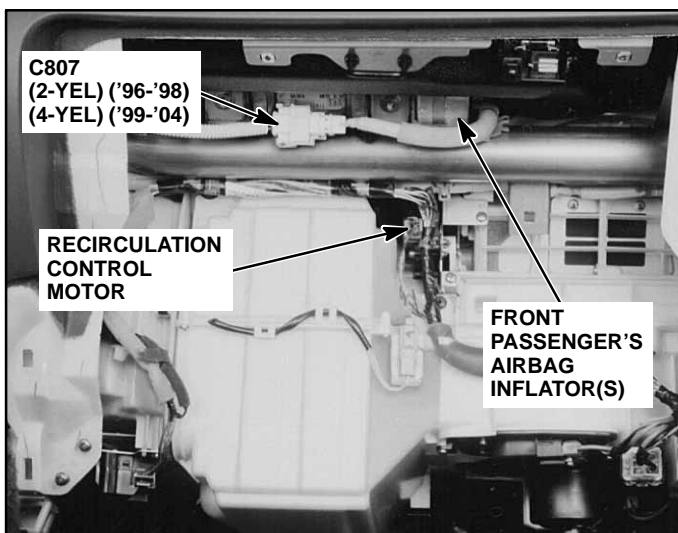


**100. Below Right Side of Dash**

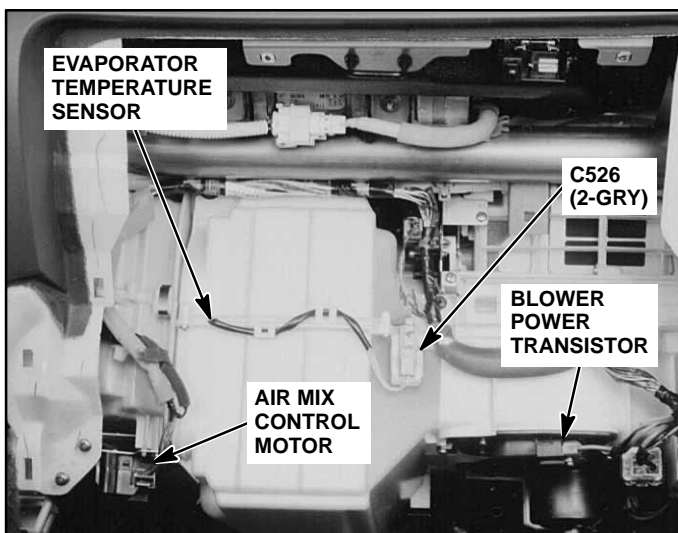




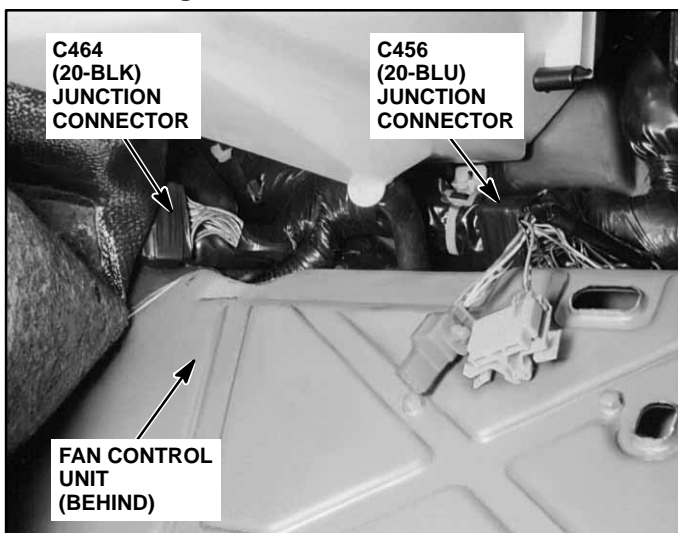
## 101. Behind Glove Box



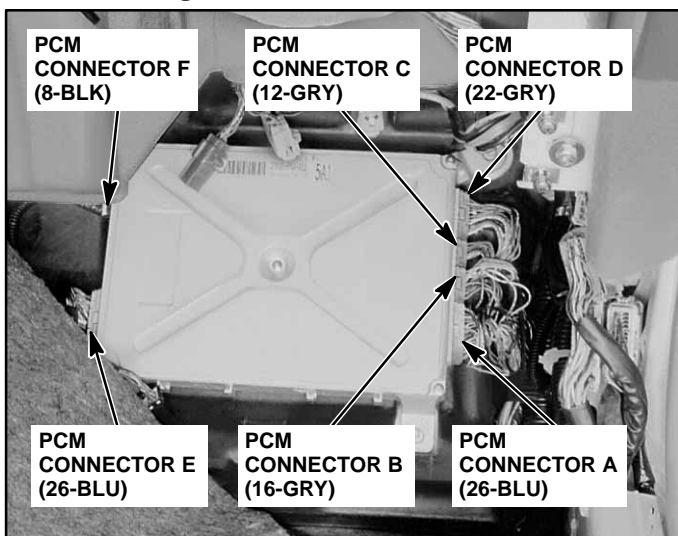
## 102. Behind Glove Box



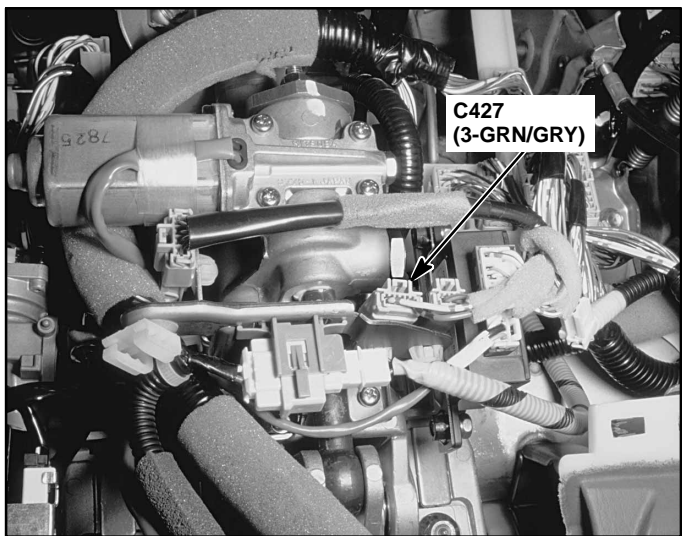
### 103. Below Right Side of Dash



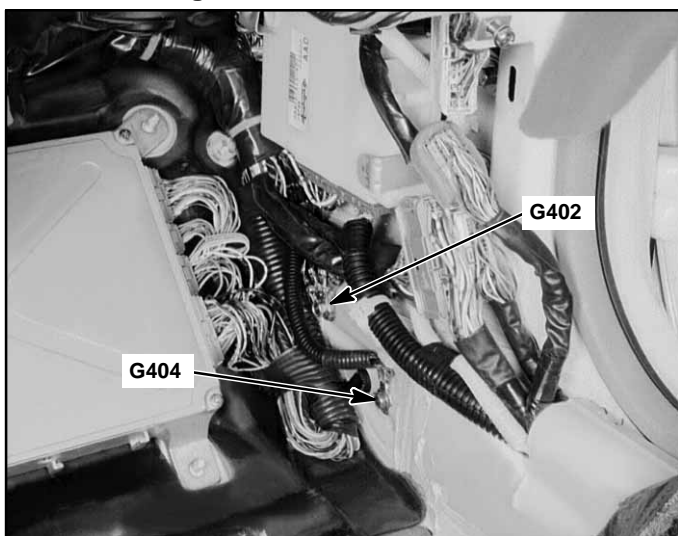
#### 104. Below Right Side of Dash



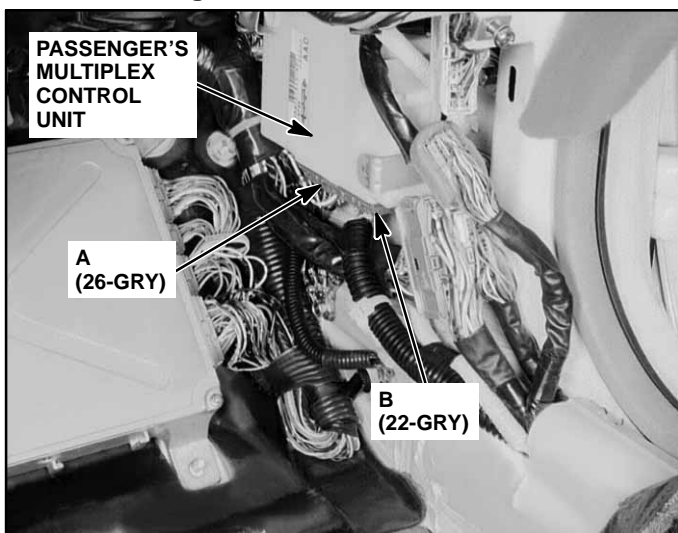
## 105. Below Steering Column



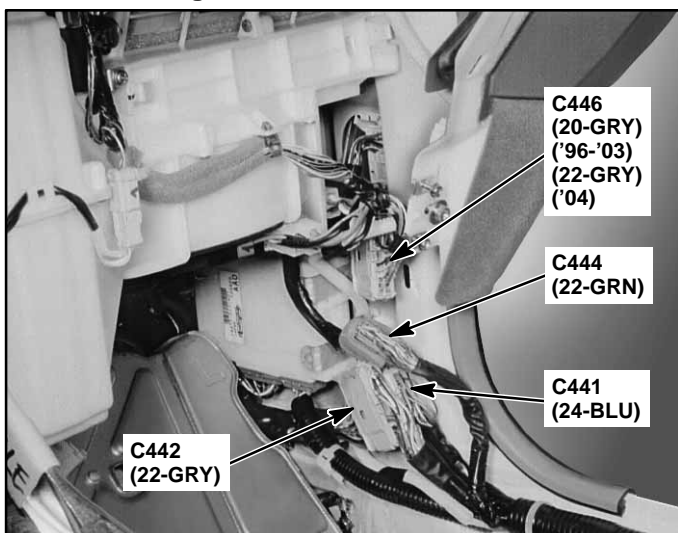
## 106. Behind Right Kick Panel



## 107. Behind Right Kick Panel

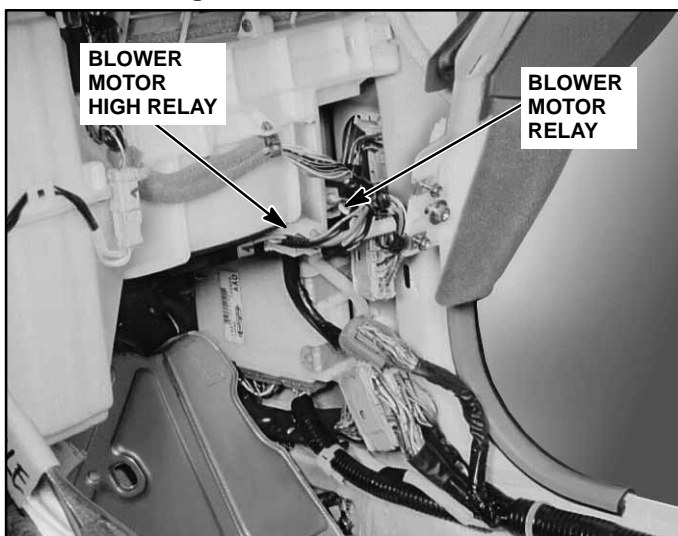


## 108. Behind Right Kick Panel

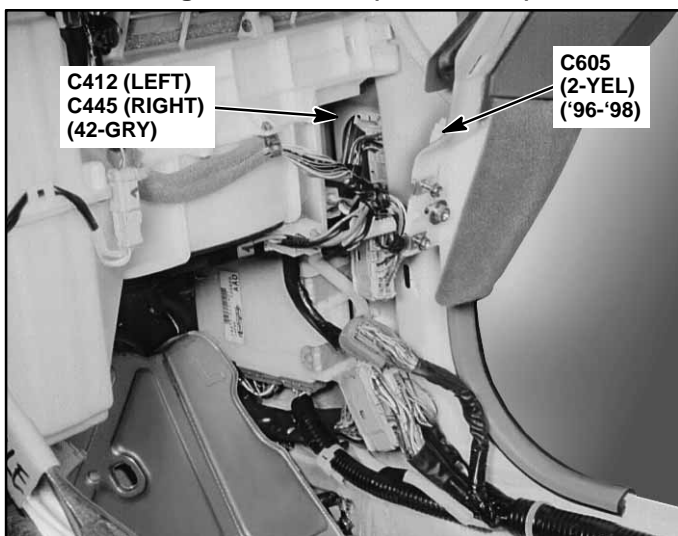




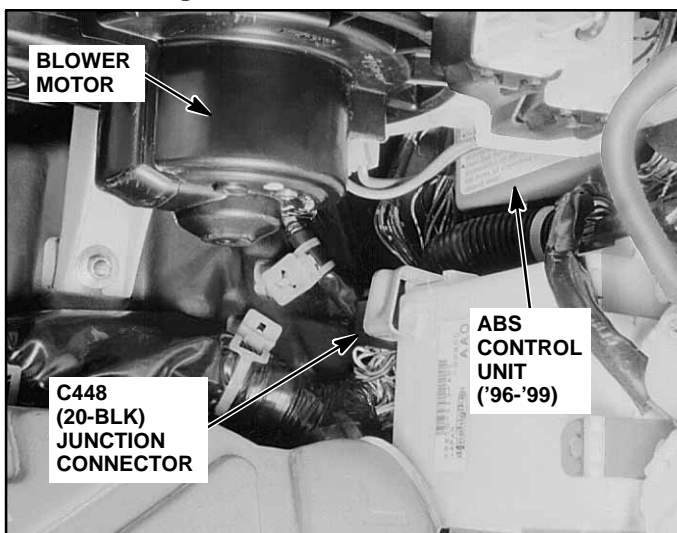
## 109. Behind Right Side of Glove Box



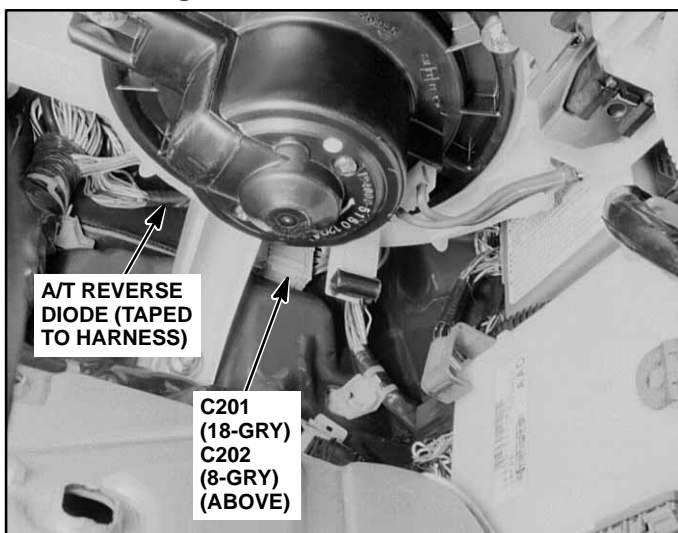
## 110. Above Right Kick Panel (Left Similar)



## 111. Above Right Kick Panel



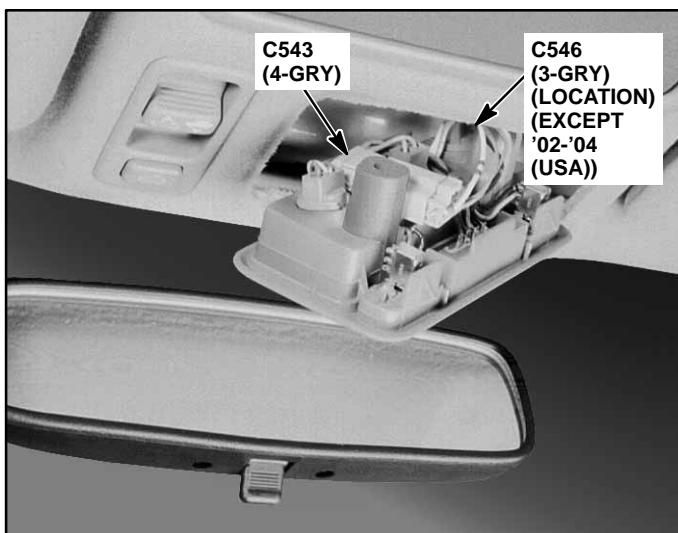
## 112. Below Right Side of Dash



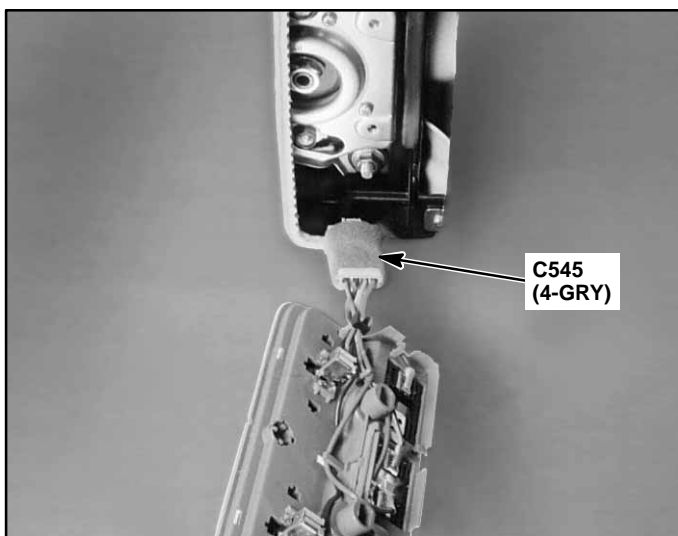
### 113. At Left Sunvisor (Right Similar)



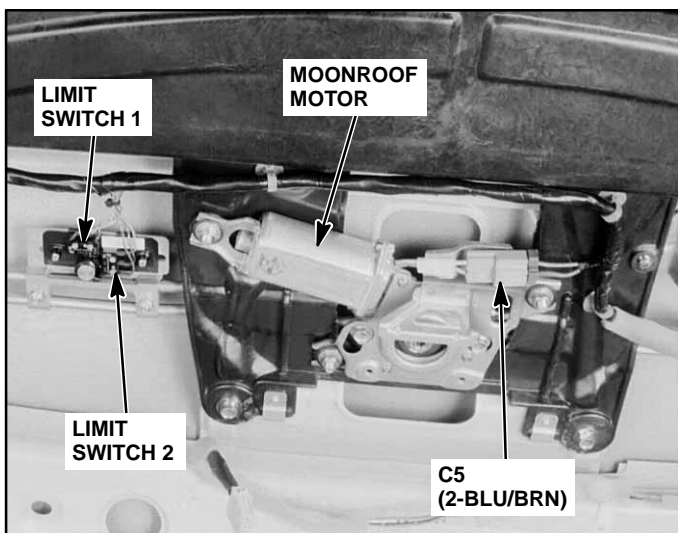
#### 114. Center Front of Roof



## 115. Center Rear of Roof

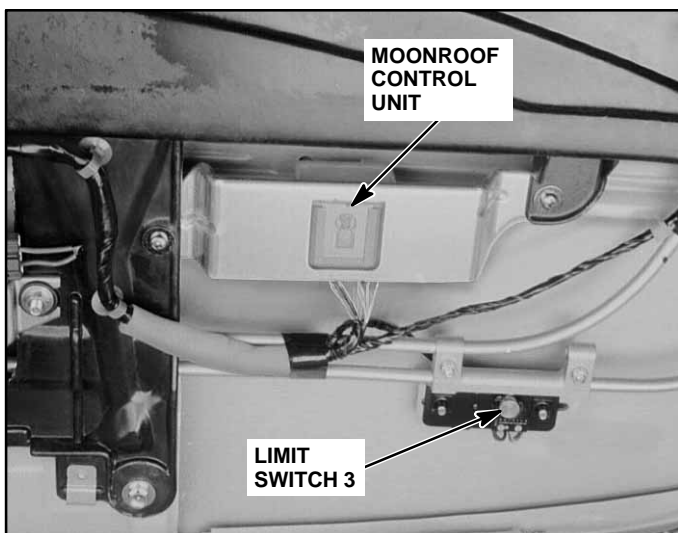


## 116. Center Rear of Roof

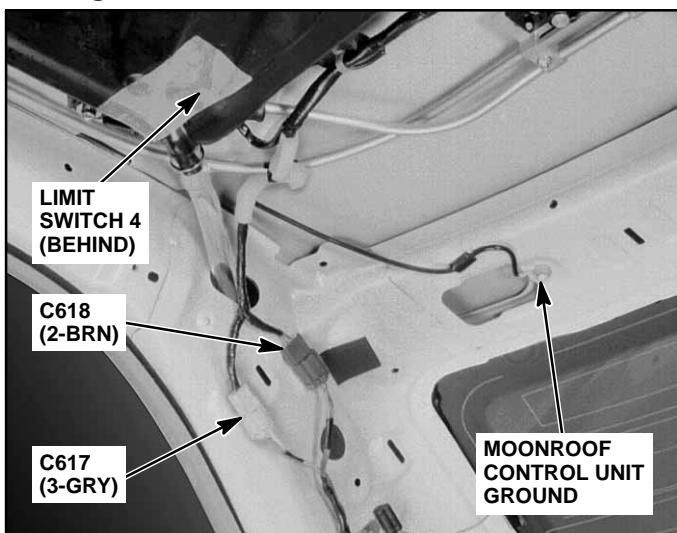




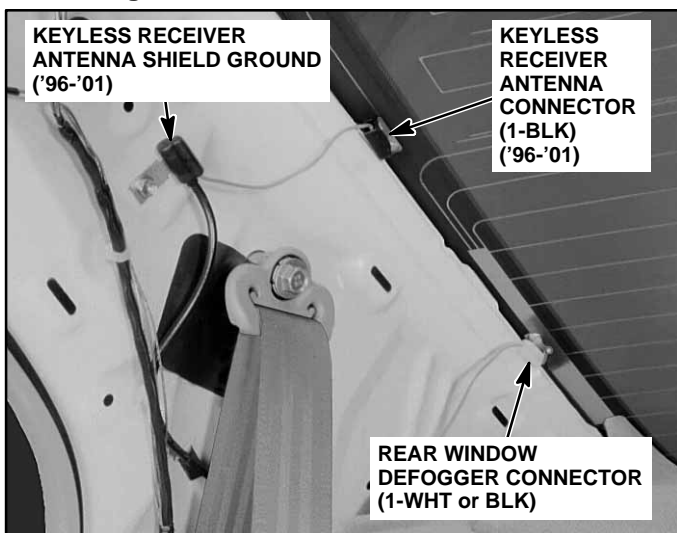
## 117. Center Rear of Roof



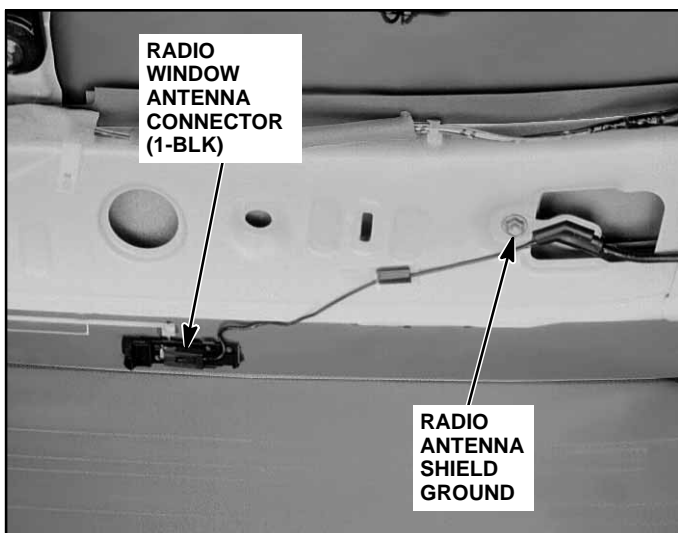
## 118. Right Rear of Roof



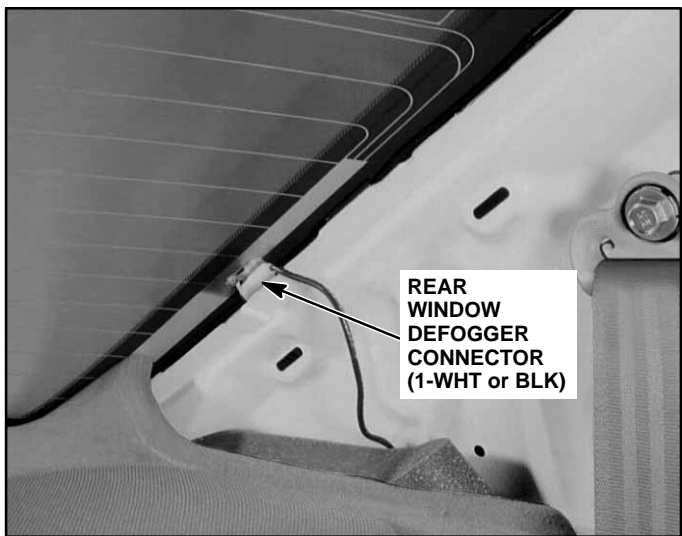
## 119. At Right Rear Pillar



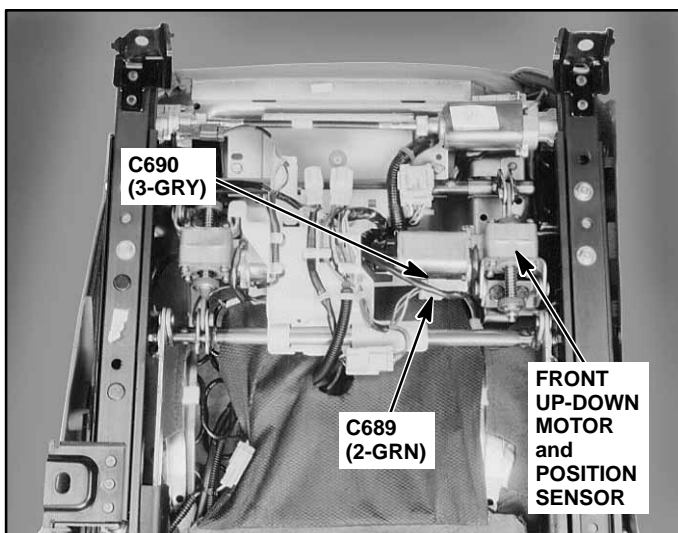
## 120. Center Rear of Roof



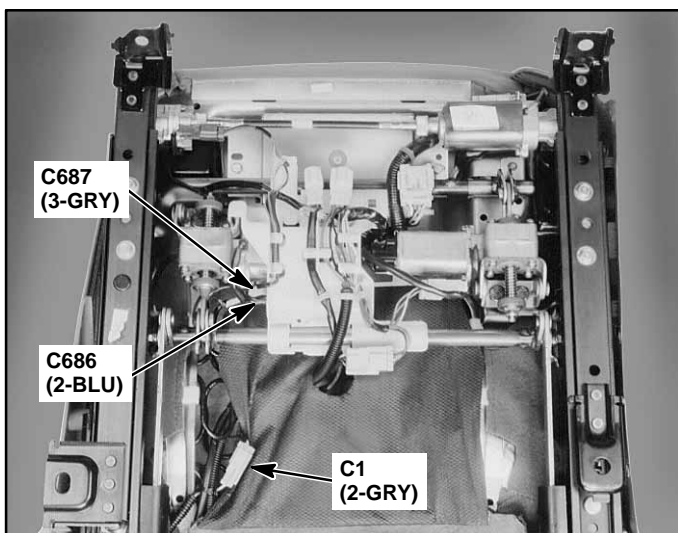
121. At Left Rear Pillar



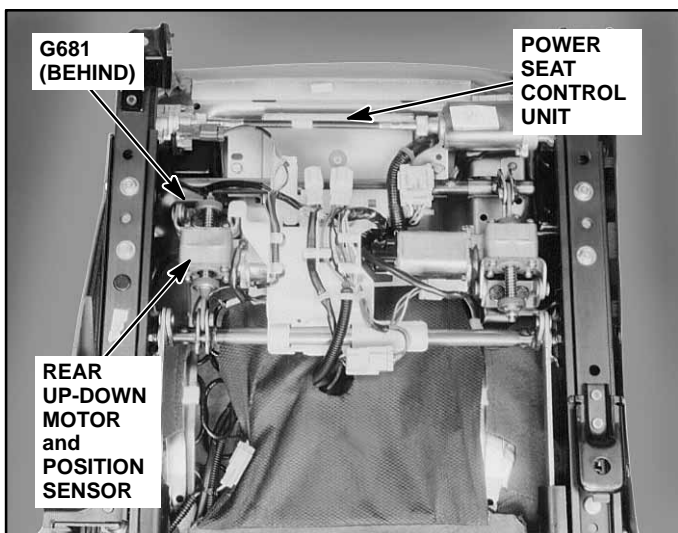
## 122. Underside of Driver's Seat



### 123. Underside of Driver's Seat

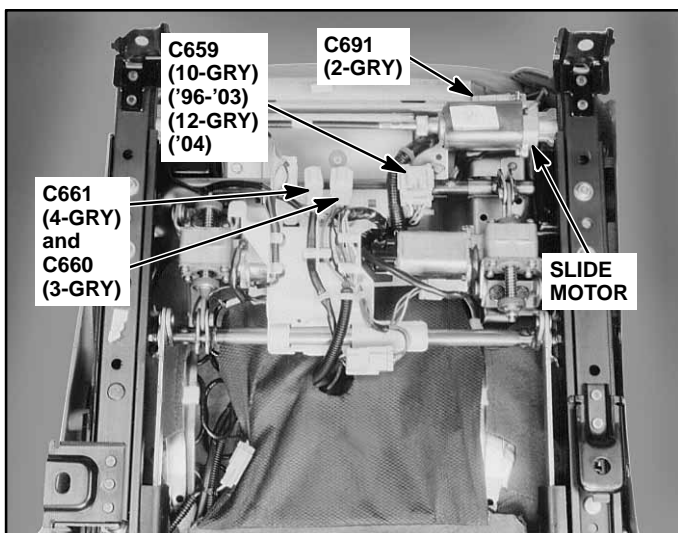


## 124. Underside of Driver's Seat

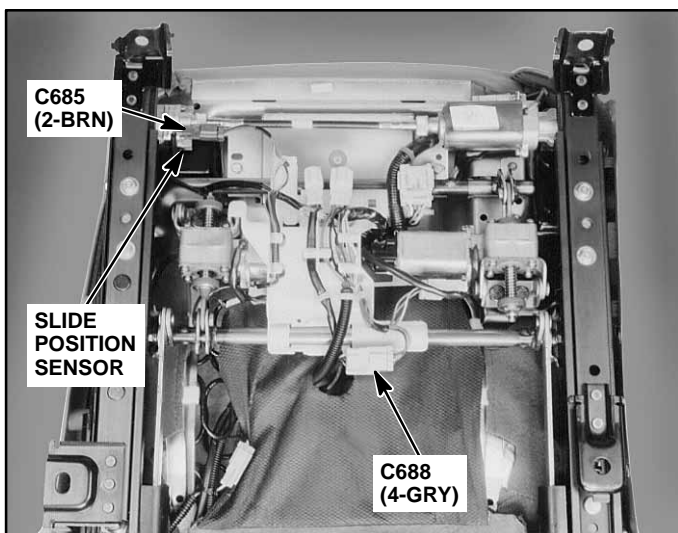




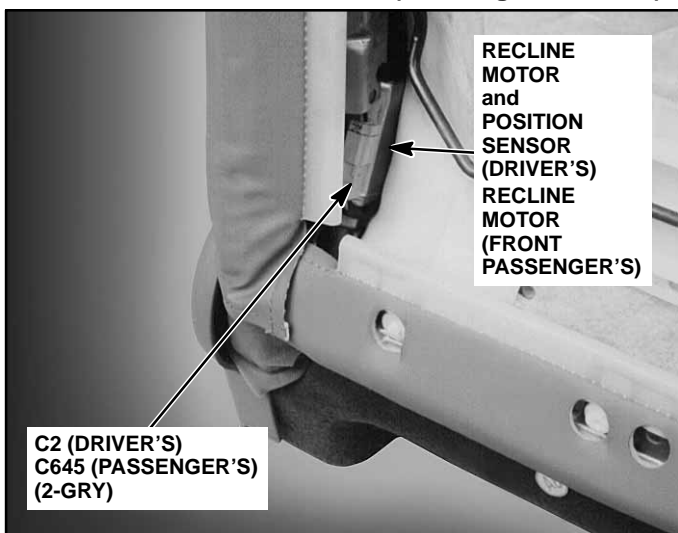
## 125. Underside of Driver's Seat



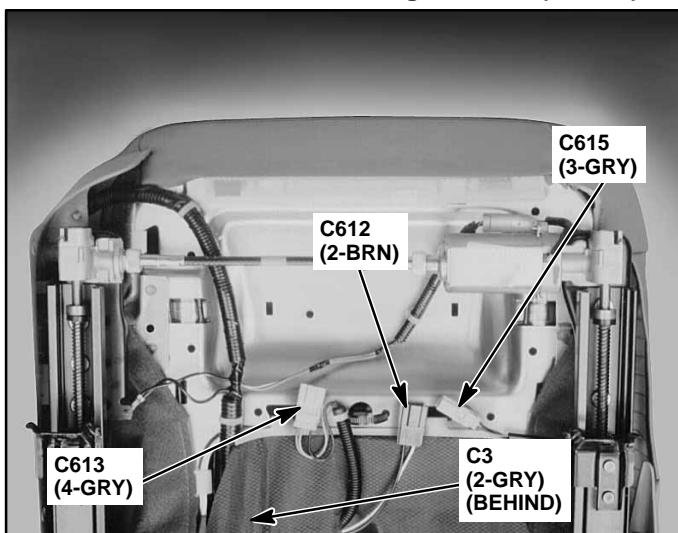
## 126. Underside of Driver's Seat



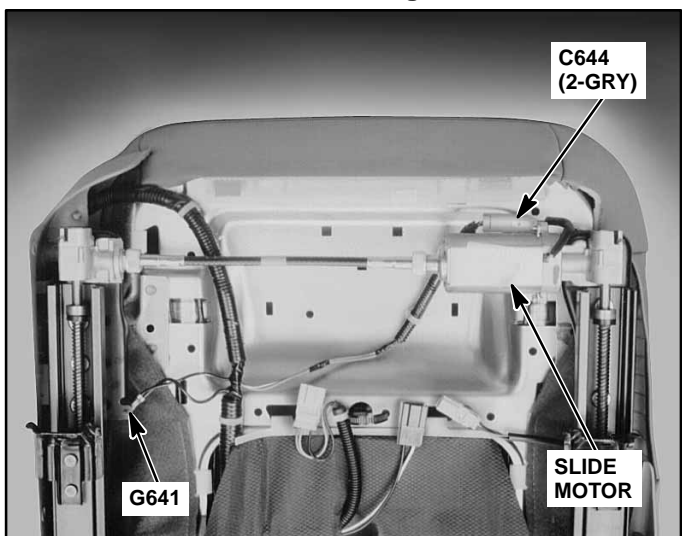
## 127. Inside Driver's Seat-Back (Passenger's Similar)



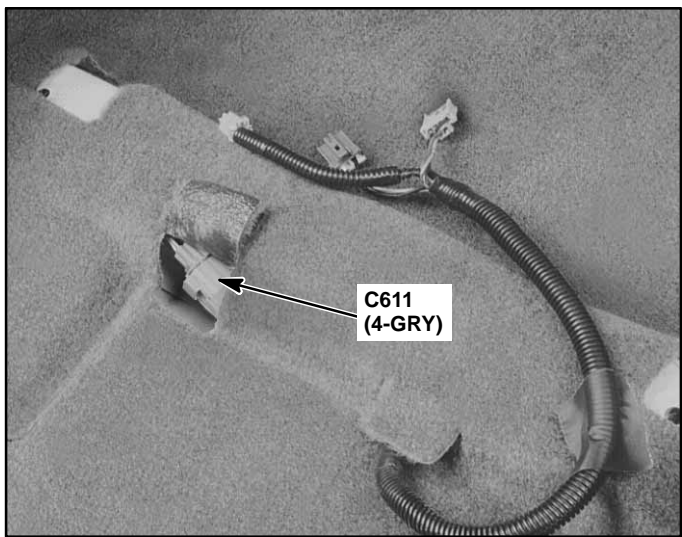
## 128. Underside of Front Passenger's Seat ('96-'98)



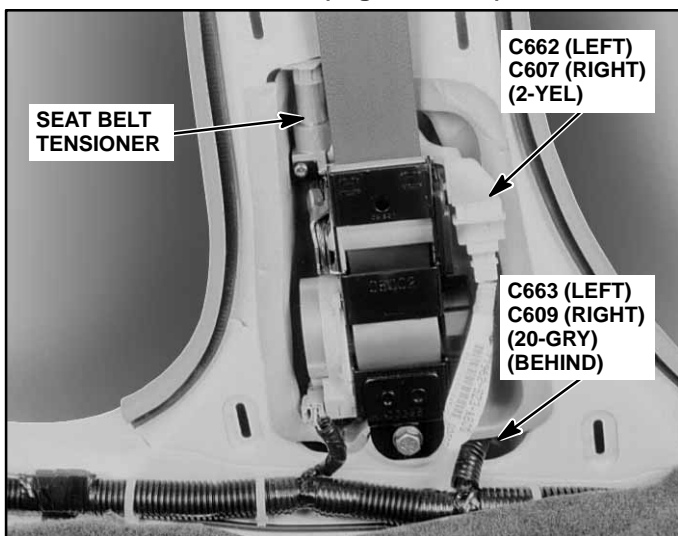
## 129. Underside of Front Passenger's Seat



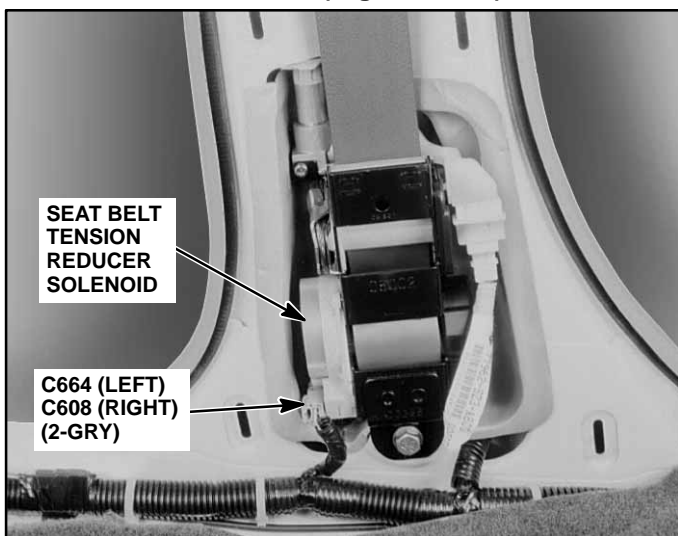
### 130. Beneath Front Passenger's Seat ('96-'98)



131. At Left Center Pillar (Right Similar)

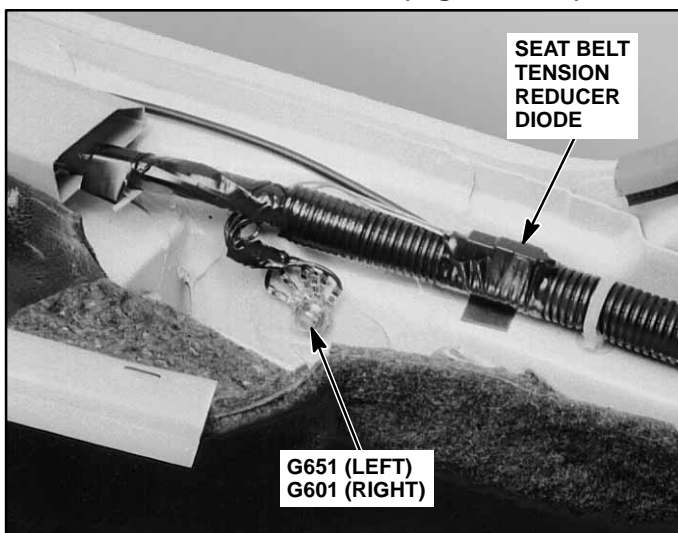


**132. At Left Center Pillar (Right Similar)**

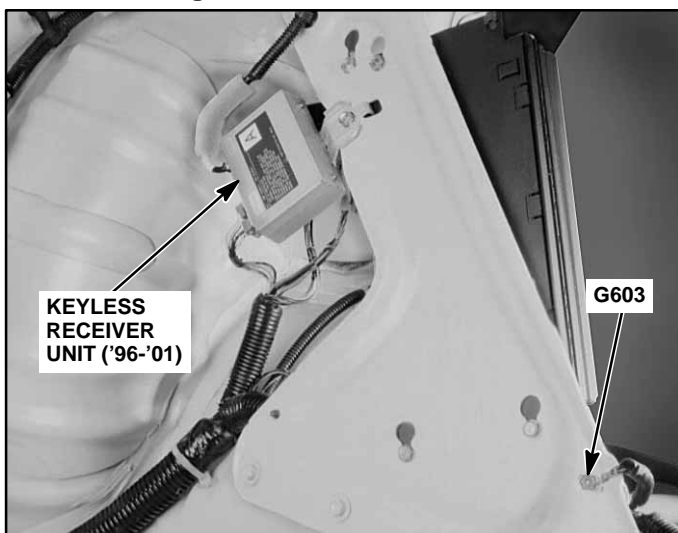




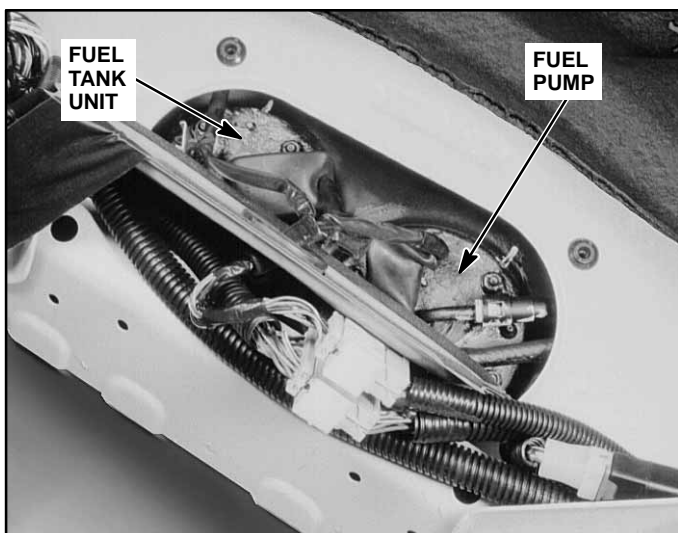
### 133. Below Left Rear Side Trim (Right Similar)



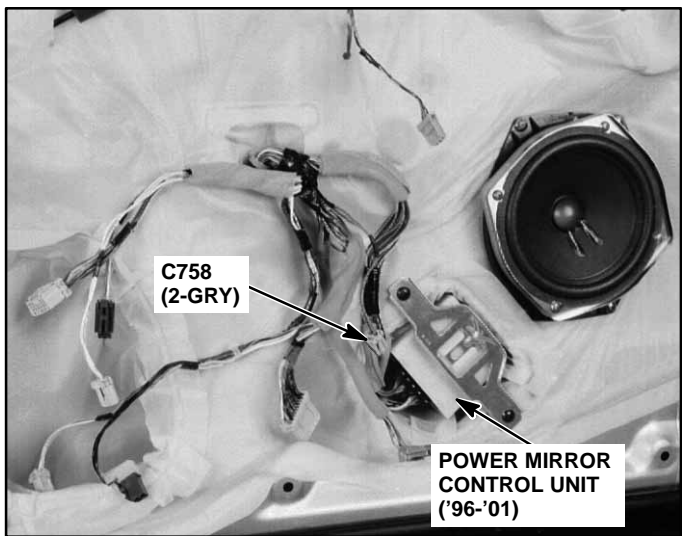
#### 134. Behind Right Side of Rear Seat



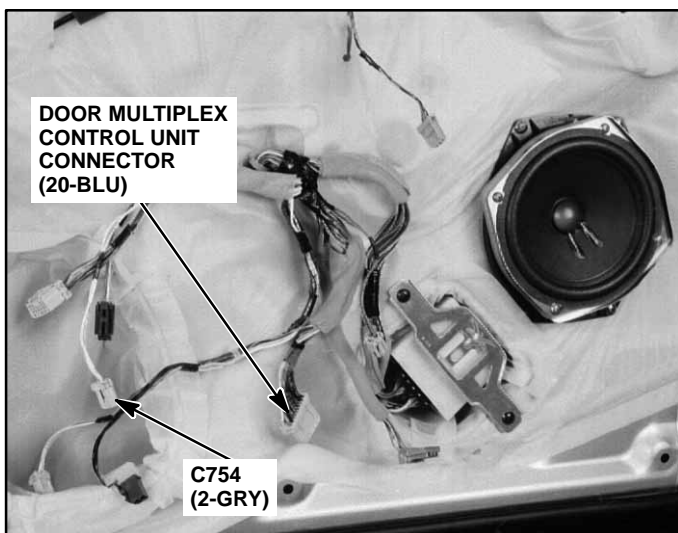
### 135. Behind Center of Rear Seat



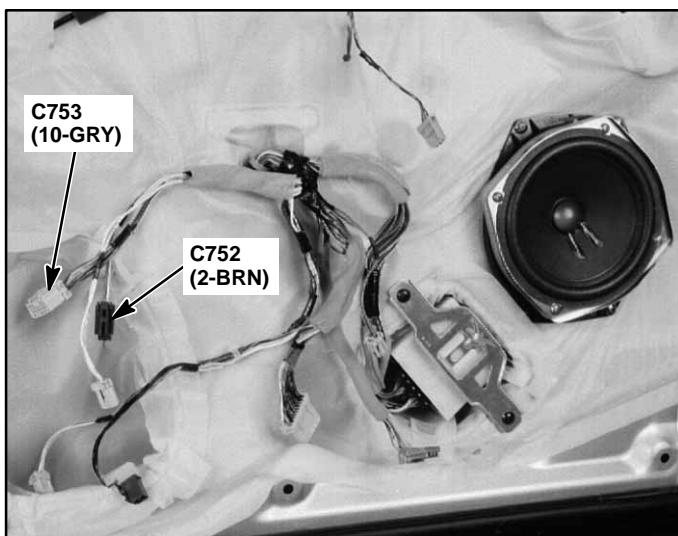
### 136. Driver's Door



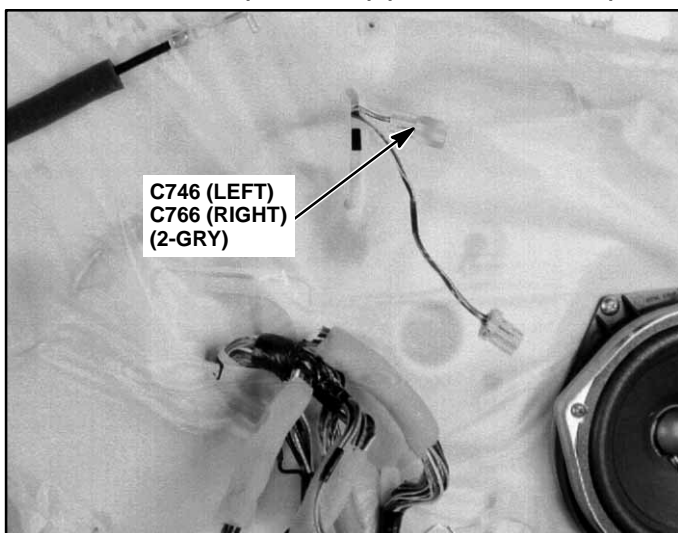
### 137. Driver's Door



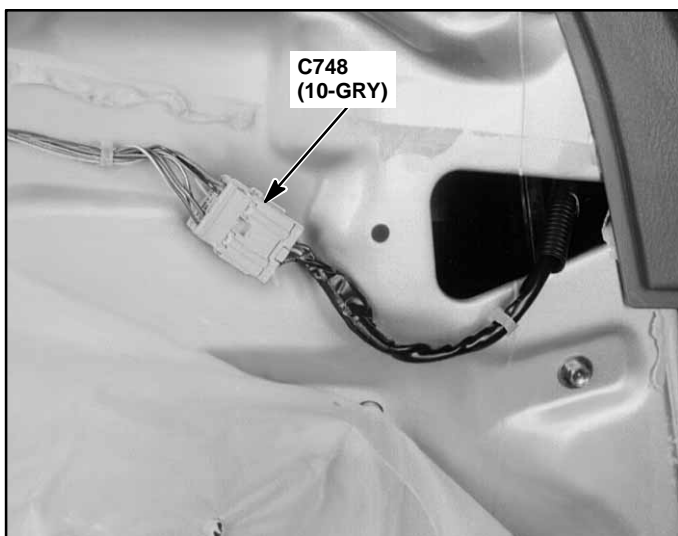
### 138. Driver's Door



### 139. Driver's Door (w/o Bose) (Frt. Pass. Similar)

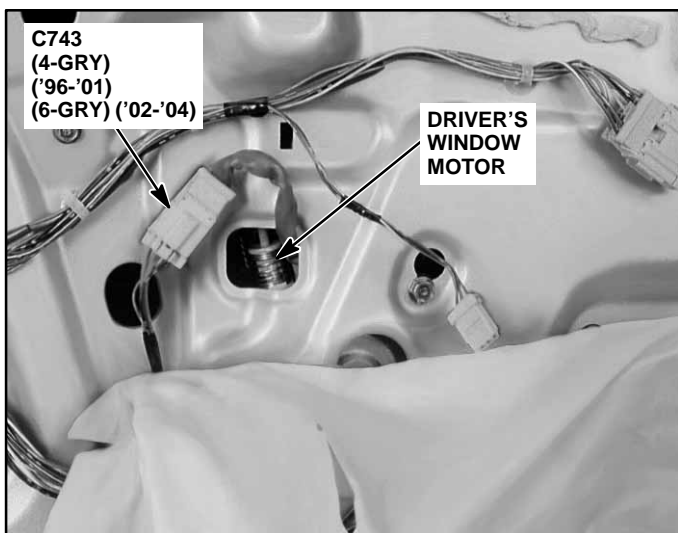


## 140. Driver's Door

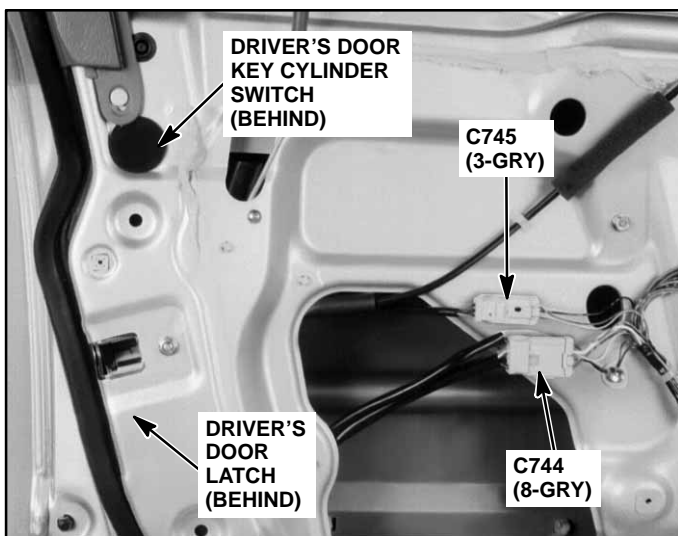




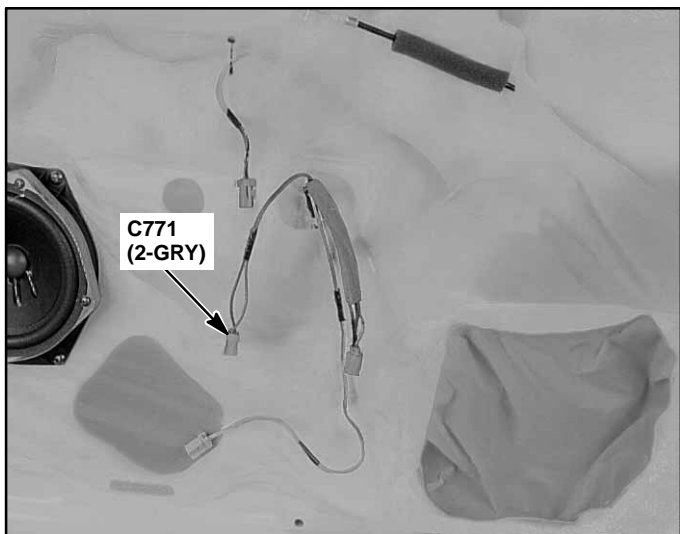
## 141. Driver's Door



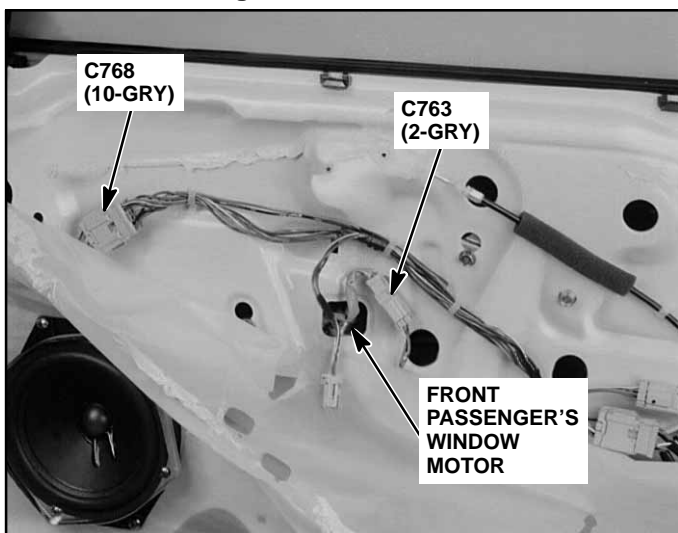
## 142. Driver's Door



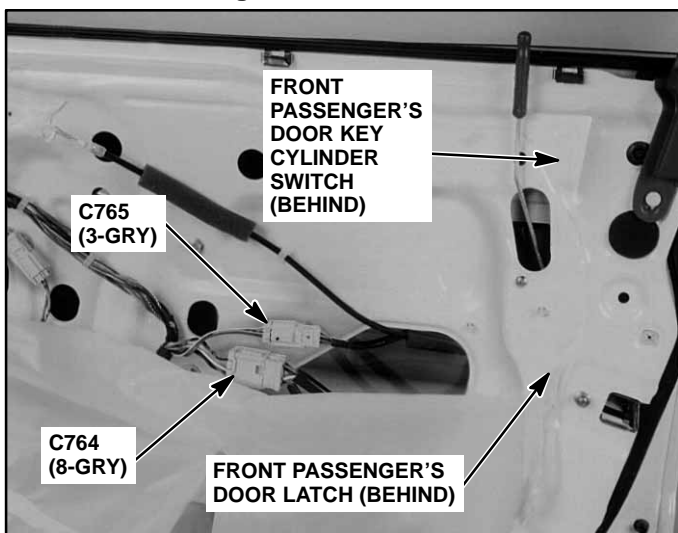
### 143. Front Passenger's Door ('97-'01)



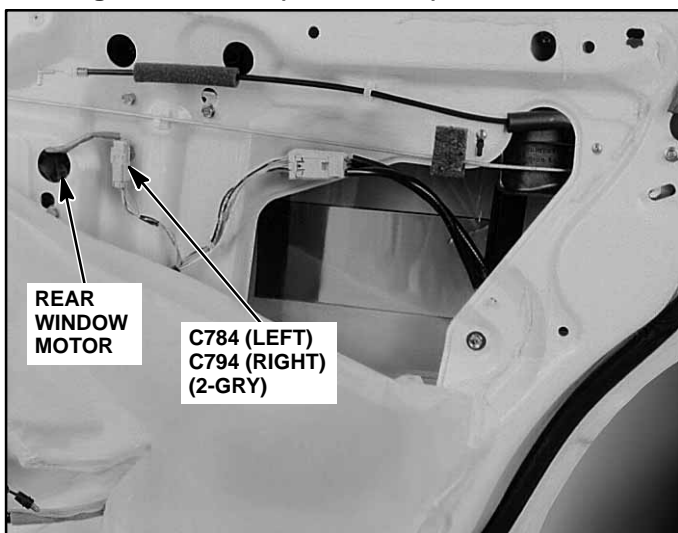
#### 144. Front Passenger's Door



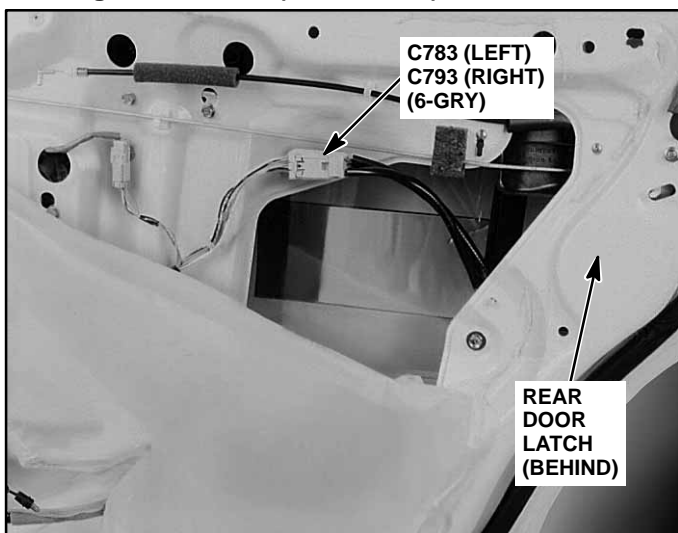
## 145. Front Passenger's Door



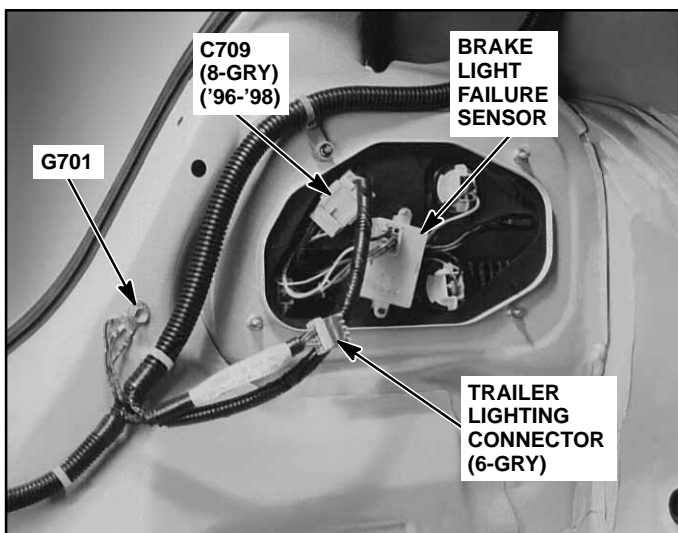
## 146. Right Rear Door (Left Similar)



## 147. Right Rear Door (Left Similar)

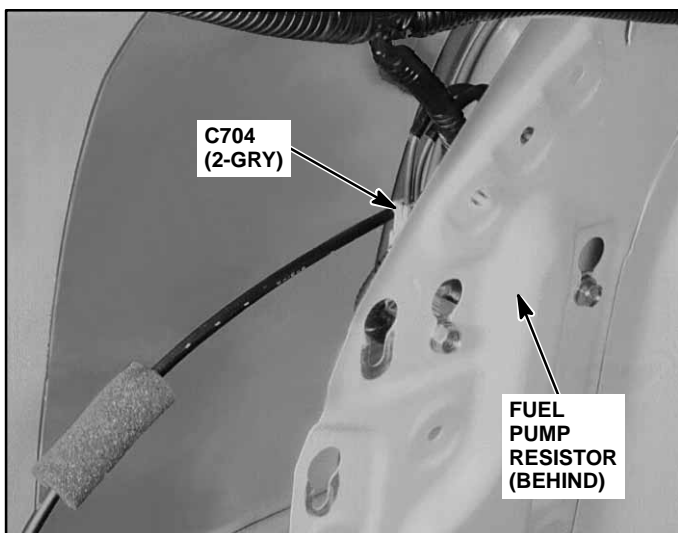


## 148. Left Rear Corner of Trunk





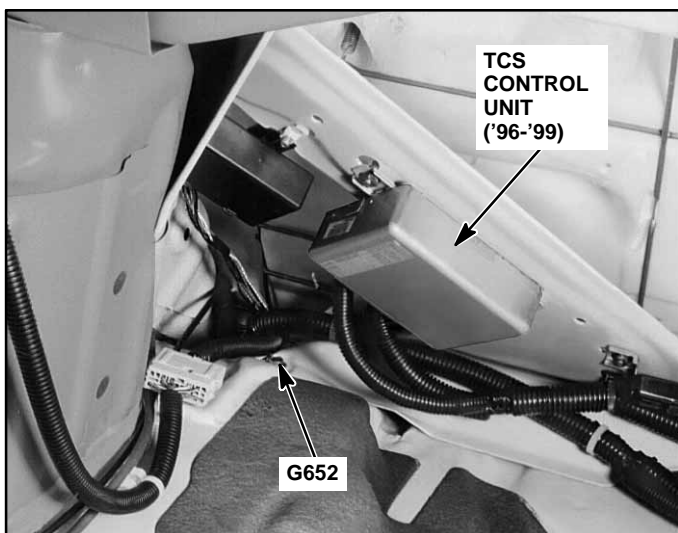
## 149. Left Side of Trunk



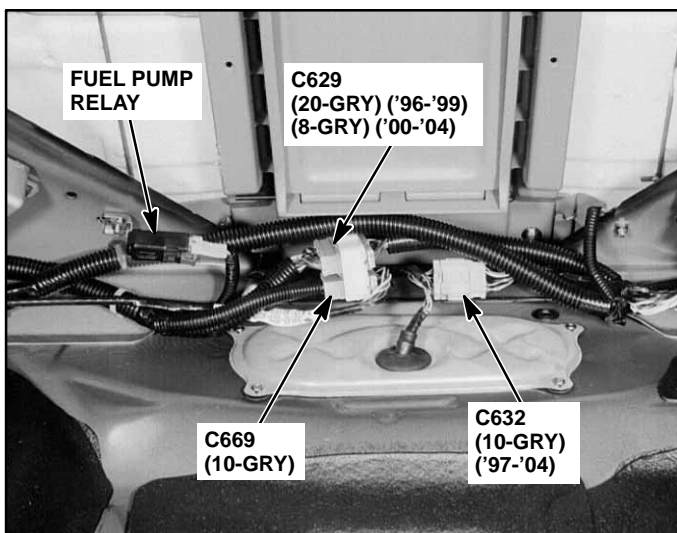
## 150. Left Front Corner of Trunk



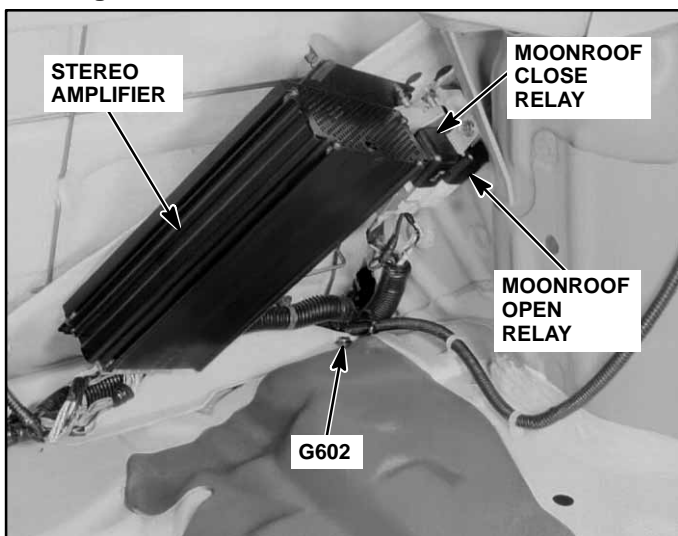
## 151. Left Front Corner of Trunk



## 152. Front of Trunk



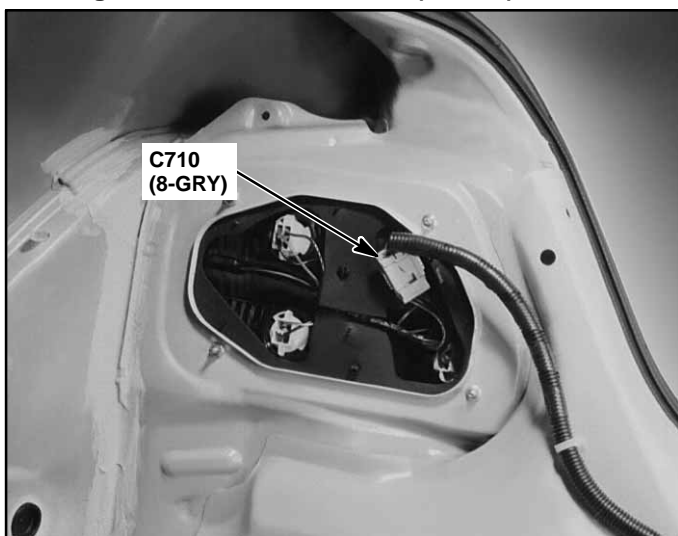
### 153. Right Front Corner of Trunk



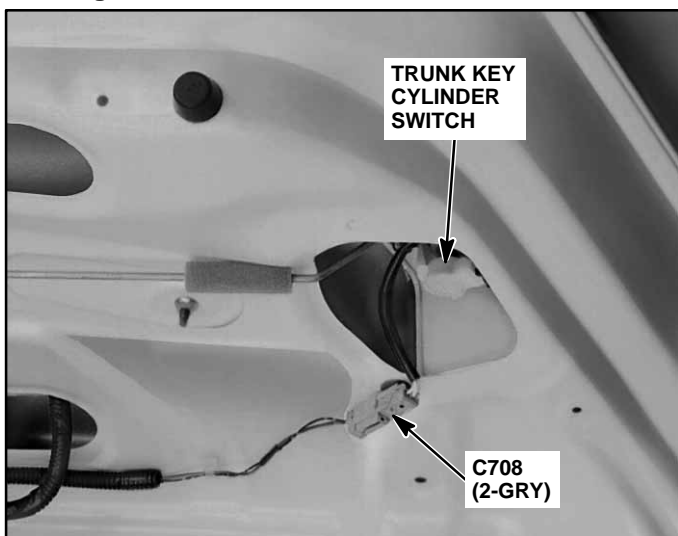
#### 154. Right Side of Trunk



## 155. Right Rear Corner of Trunk ('96-'98)

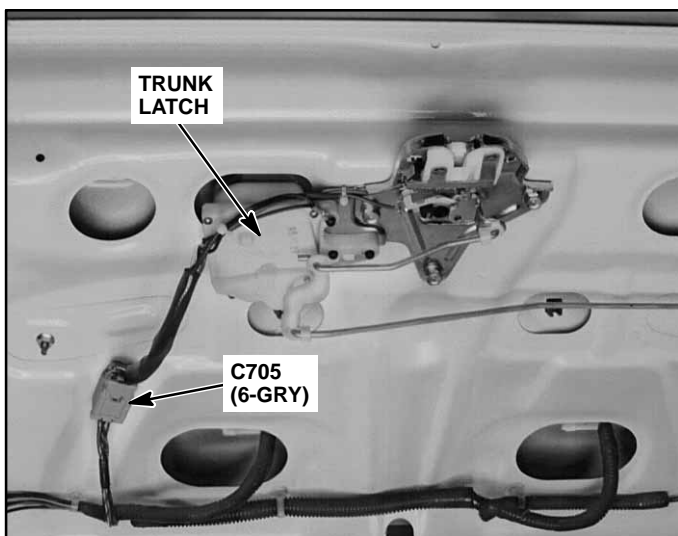


## 156. Right Underside of Trunk Lid





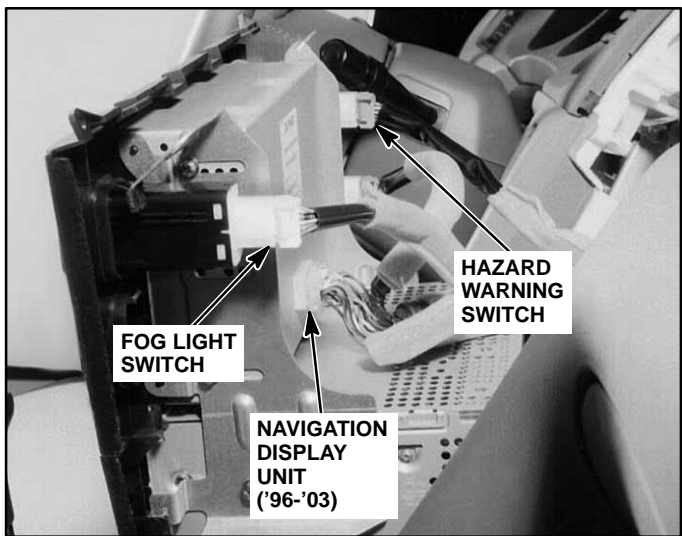
## 157. Underside of Trunk Lid



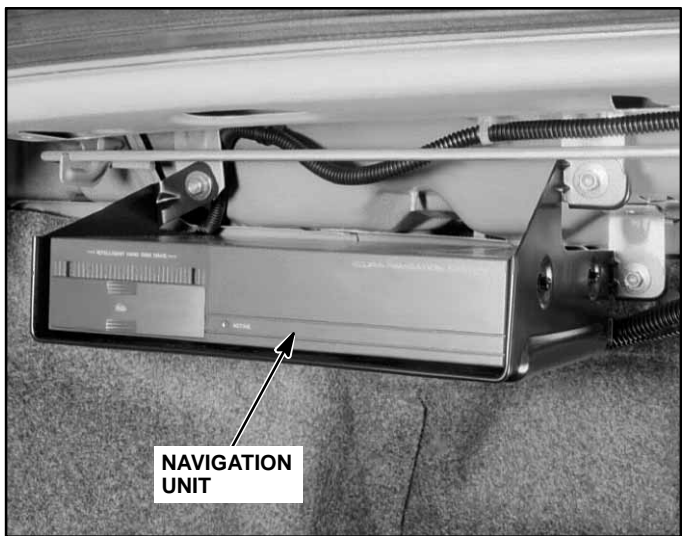
## 158. Behind Right Kick Panel



## 159. Center of Dash



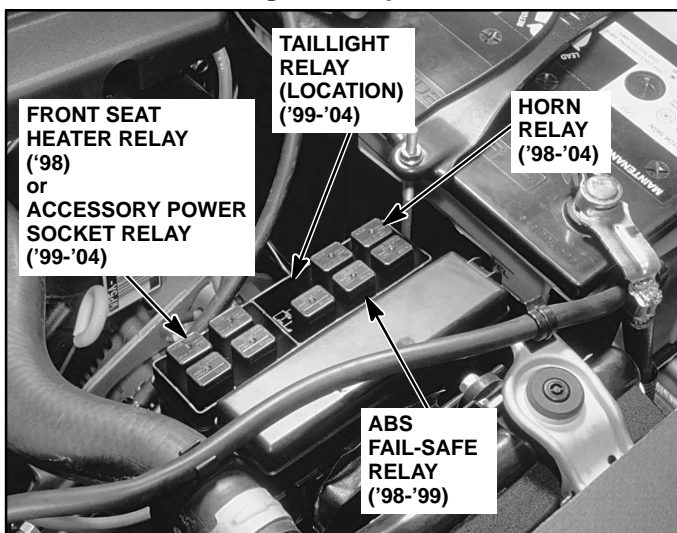
160. Left Front of Trunk ('96-'03)



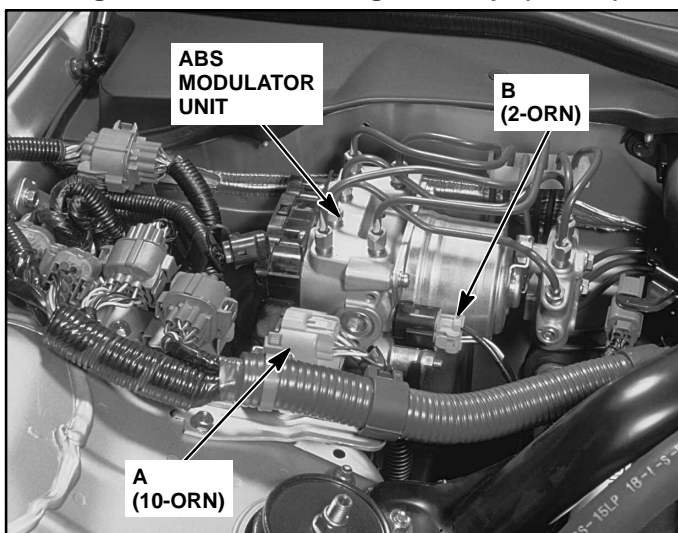
**161. Right Front of Trunk ('96-'03)**



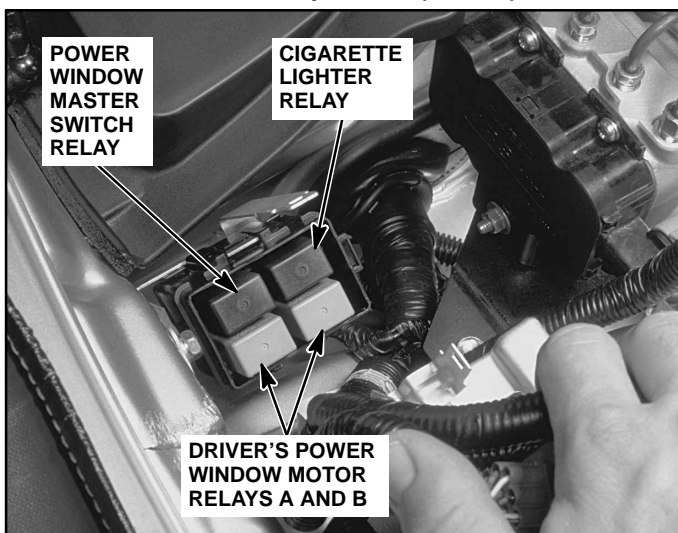
## 162. Left Front of Engine Compartment



## 163. Right Rear Corner of Engine Comp. ('98-'99)



**164. In Under-hood Relay Box B ('98-'01)**

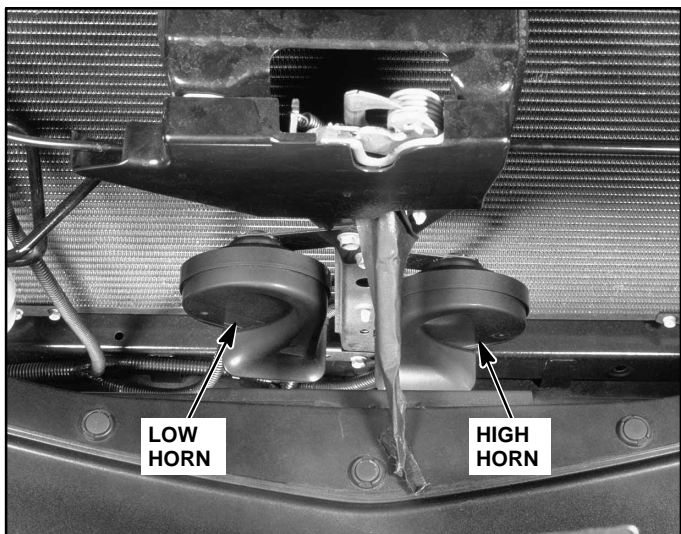




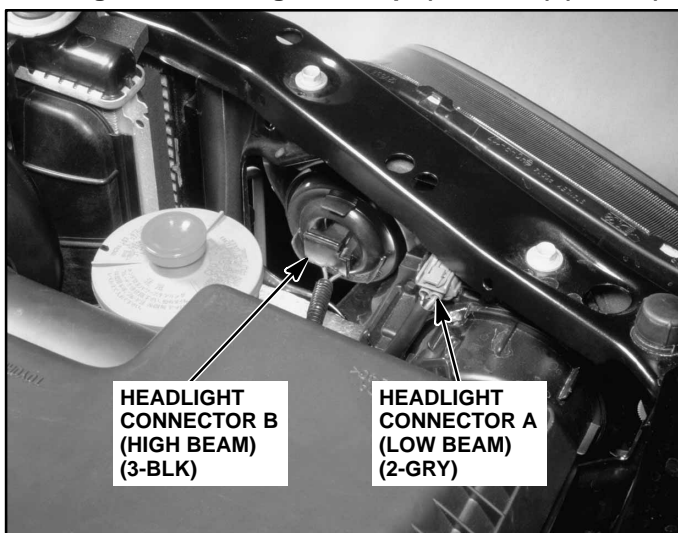
**165. Behind Left Side of Dash ('99-'01, '02-'04 Canada)**



## 166. Behind Front Grille ('99-'04)



**167. Right Side of Engine Comp. (Left Sim.) ('99-'04)**



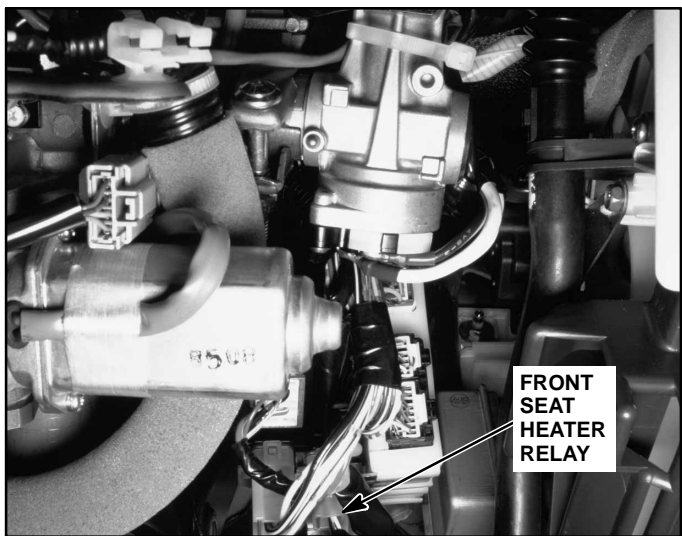
**168. Behind Left Kick Panel (Fuse Box Rem.) ('99-'04)**



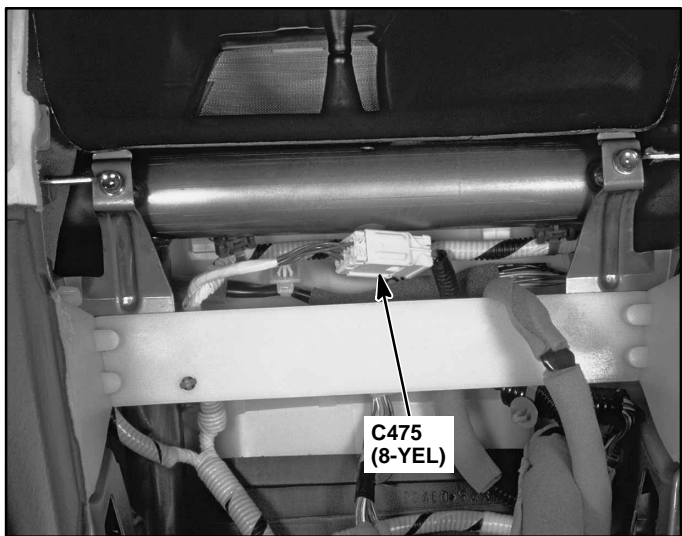
**169. Behind Left Kick Panel (Back of Fuse Box) ('99-'04)**



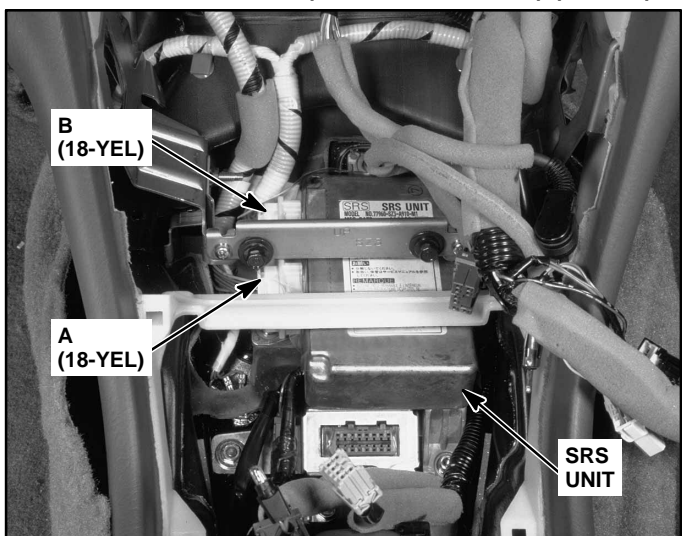
## 170. Right of Steering Column ('99-'04)



171. Center of Dash (Center Console Rem.) ('99-'04)

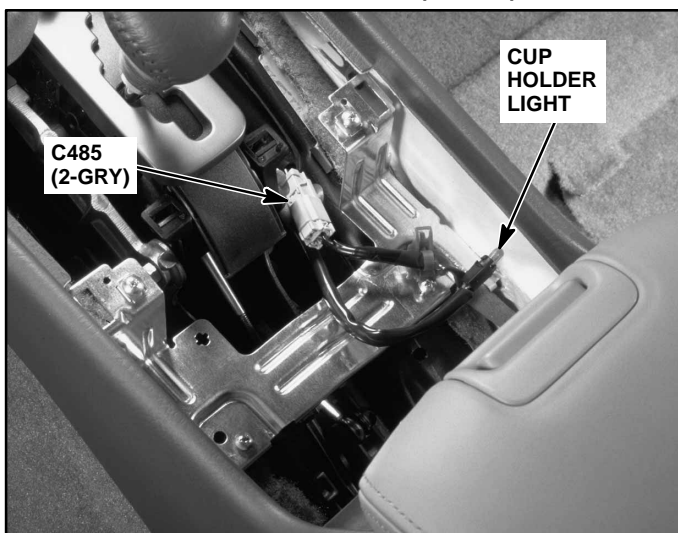


## 172. Behind Audio Unit (Front Cons. Rem.) ('99-'04)

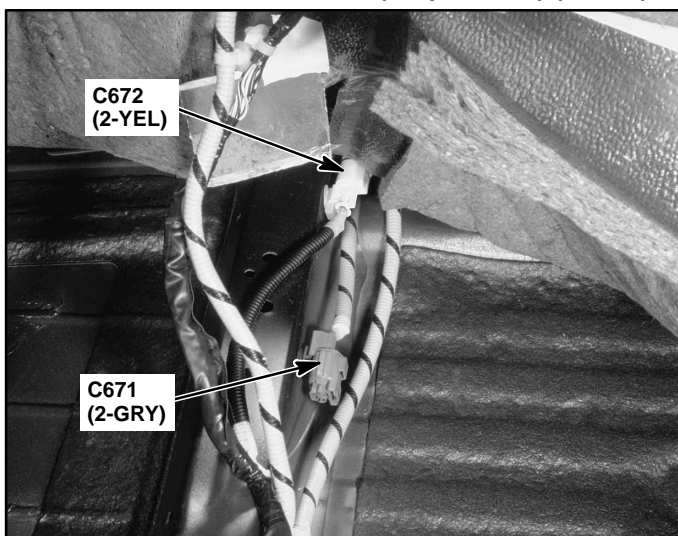




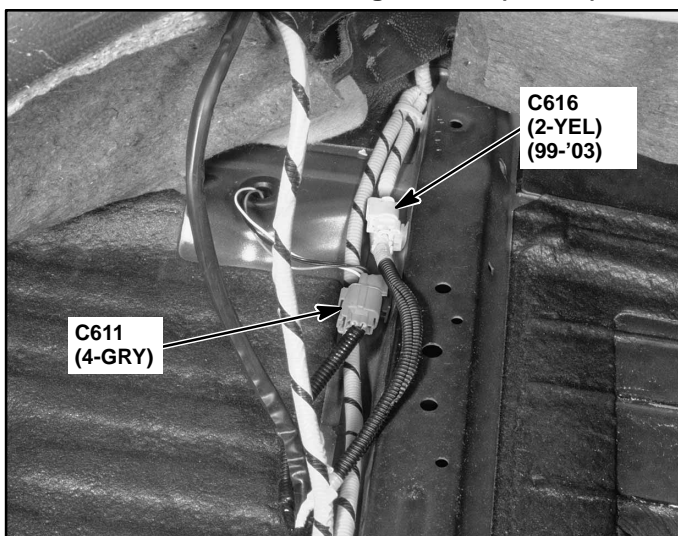
**173. Below Front Console Panel ('99-'04)**



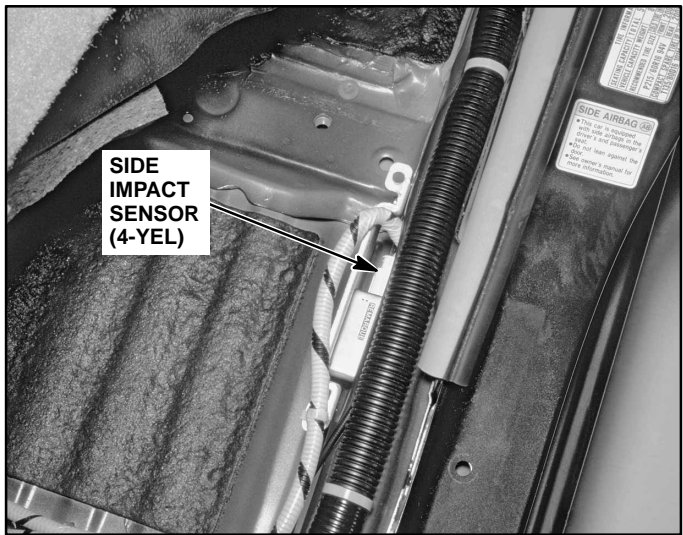
#### 174. Underneath Driver's Seat (Carpet Rem.) ('99-'04)



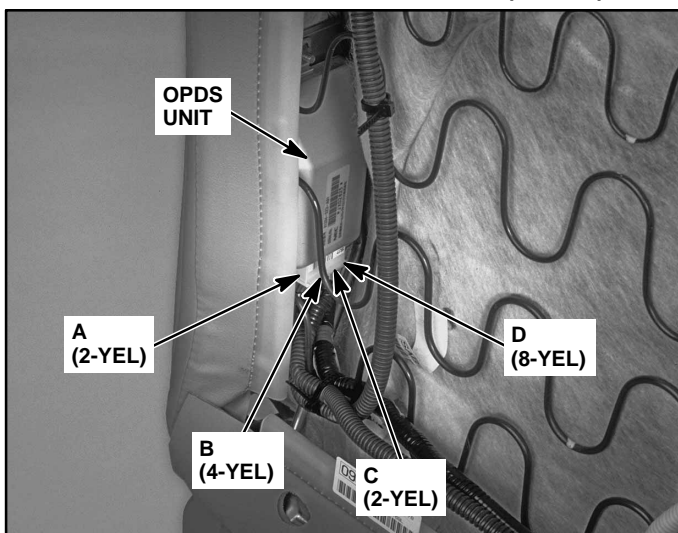
## 175. Underneath Front Passenger's Seat ('99-'04)



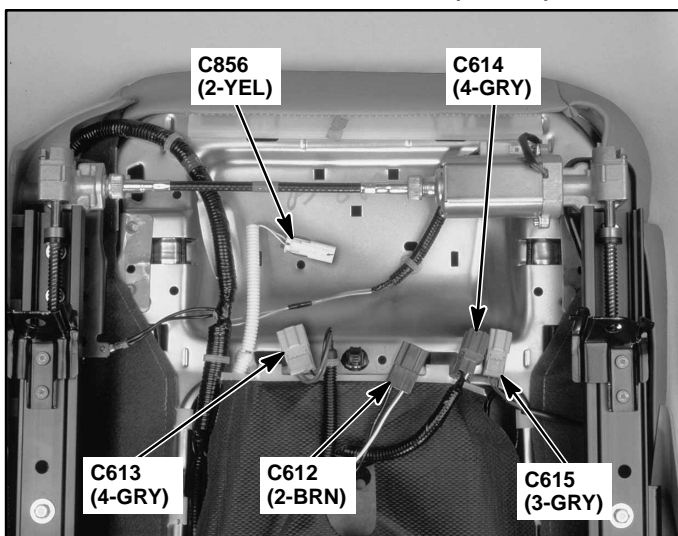
176. Below Left Front Side Trim (Right Sim.) ('99-'04)



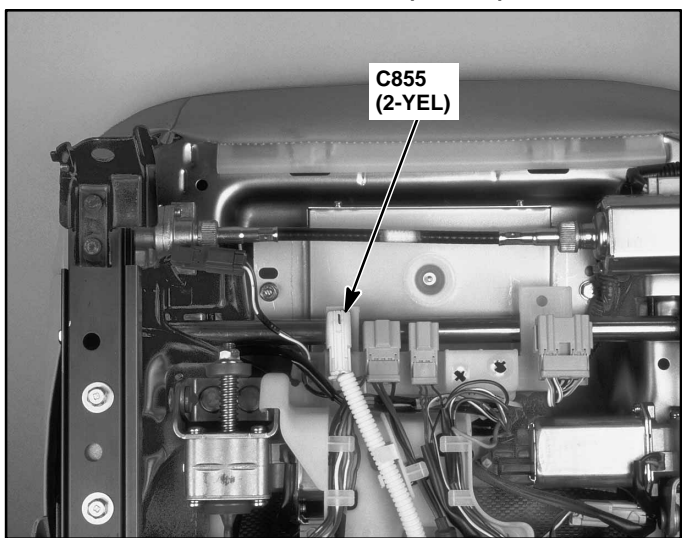
## 177. Left Side of Front Pass. Seat Back ('99-'04)



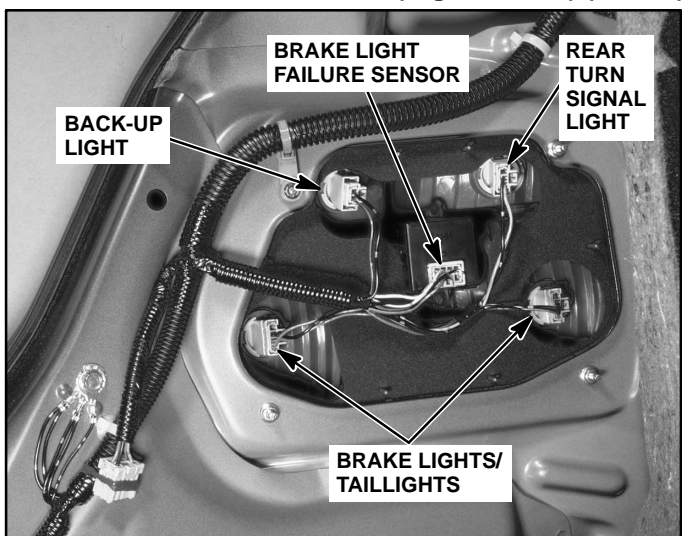
## 178. Underside of Front Pass. Seat ('99-'04)



## 179. Underside of Driver's Seat ('99-'04)

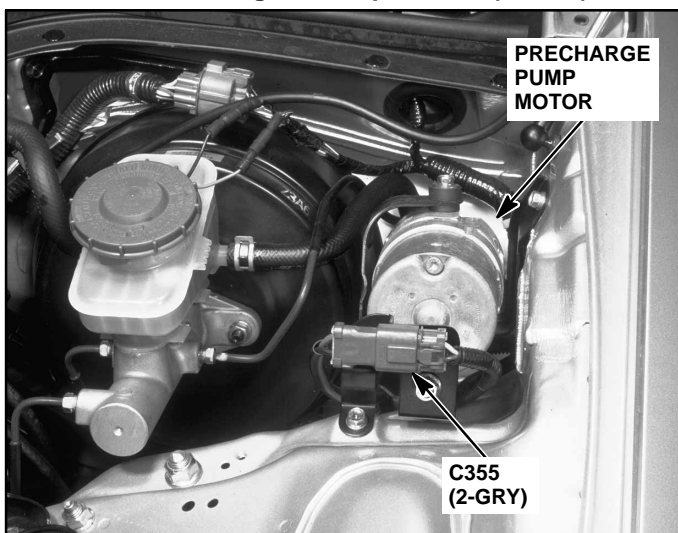


180. Left Rear Corner of Trunk (Right Similar) ('99-'04)

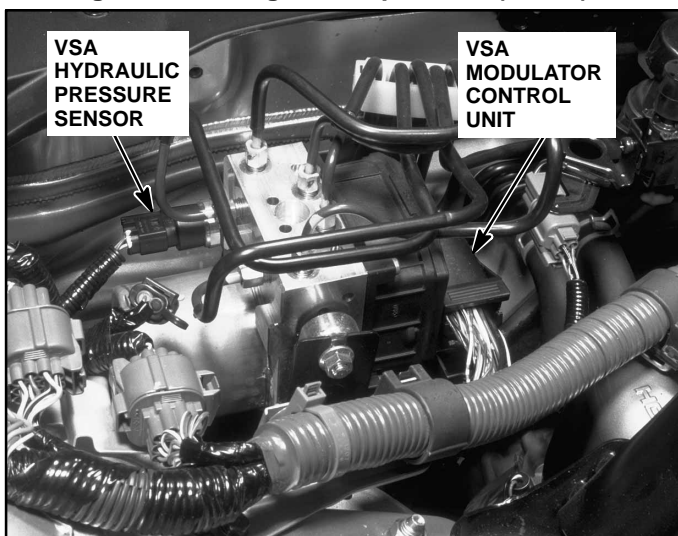




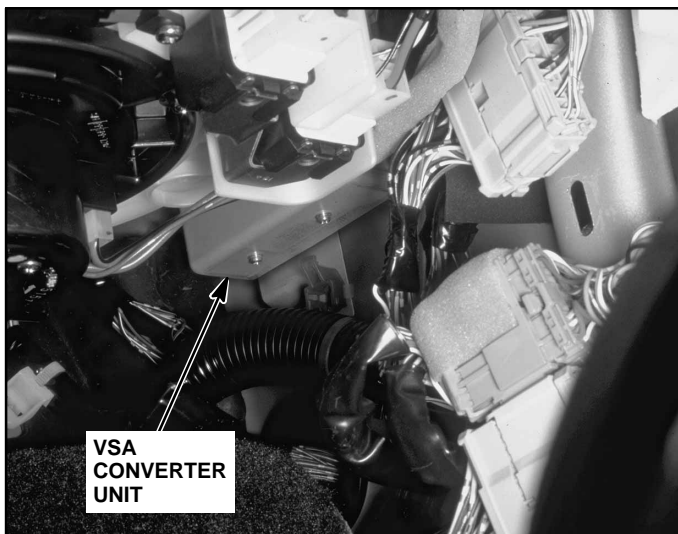
## 181. Left Rear of Engine Compartment ('00-'04)



## 182. Right Rear of Engine Compartment ('00-'04)



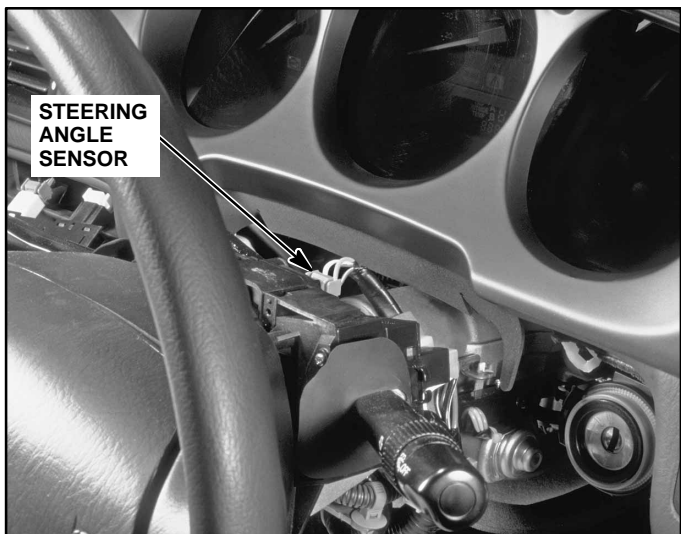
### 183. Right Kick Panel ('00-'04)



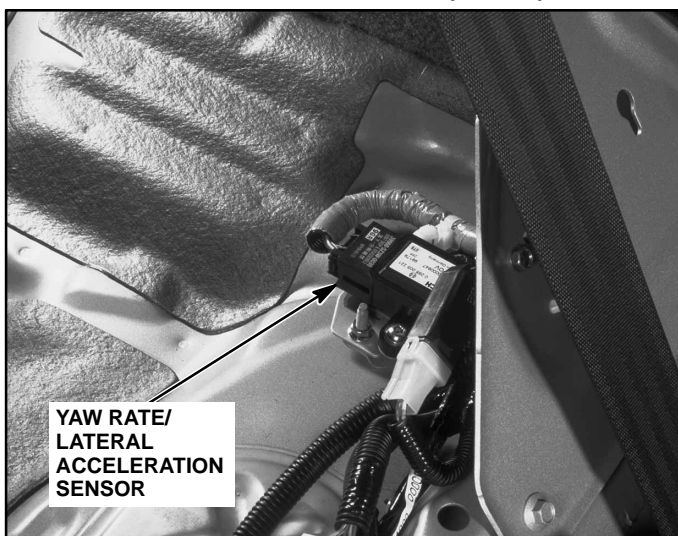
**184. Left Side of Front Pass. Footrest Area ('00-'04)**



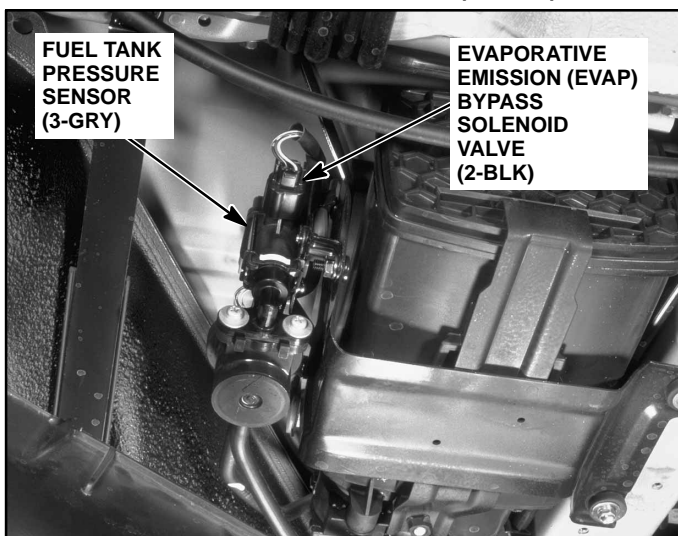
## 185. Top of Steering Column ('00-'04)



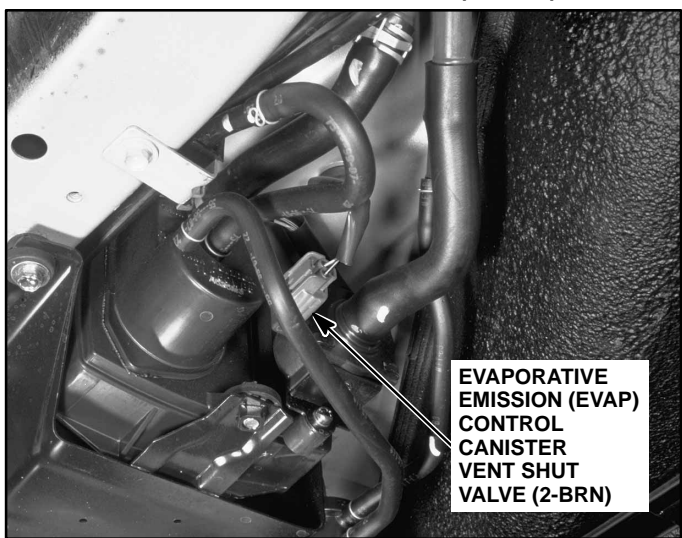
## 186. Behind Left Side of Rear Seat ('00-'04)



**187. Left Rear Underside of Vehicle ('00-'04)**

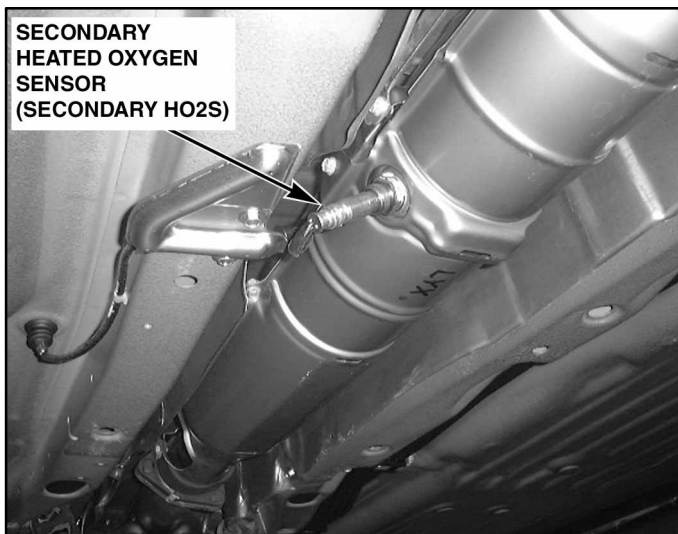


**188. Left Rear Underside of Vehicle ('00-'04)**

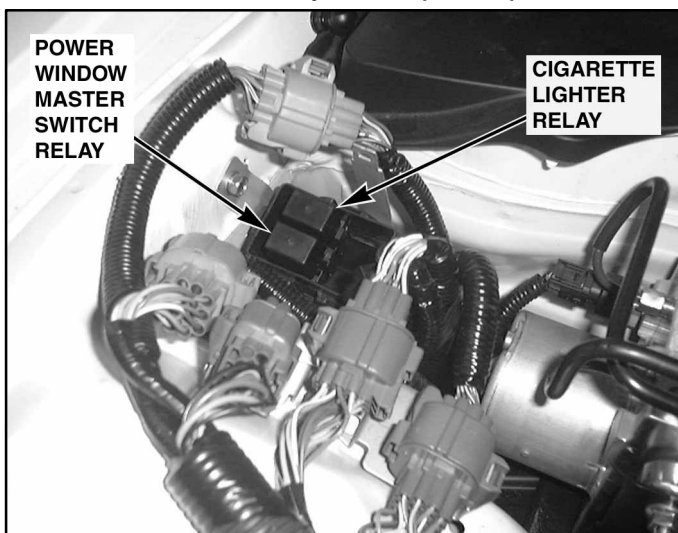




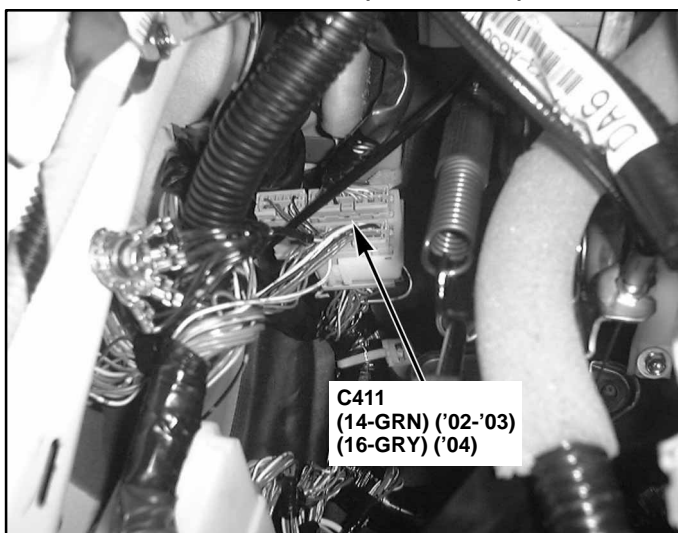
**189. At Catalytic Converter ('02-'04)**



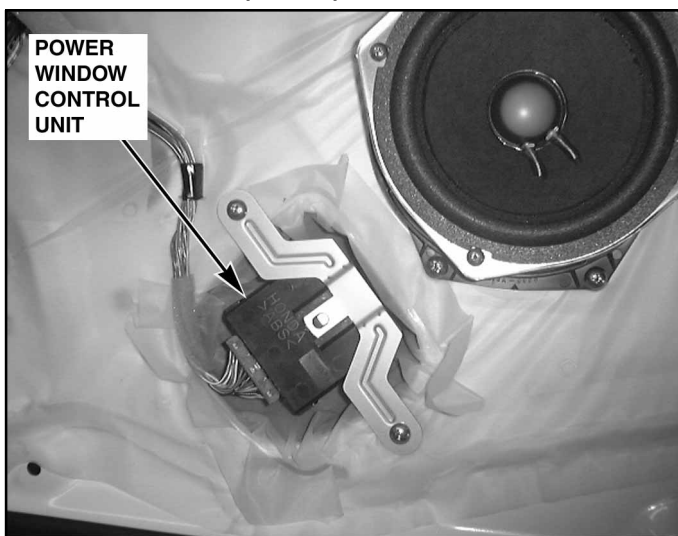
## 190. In Under-hood Relay Box B ('02-'04)



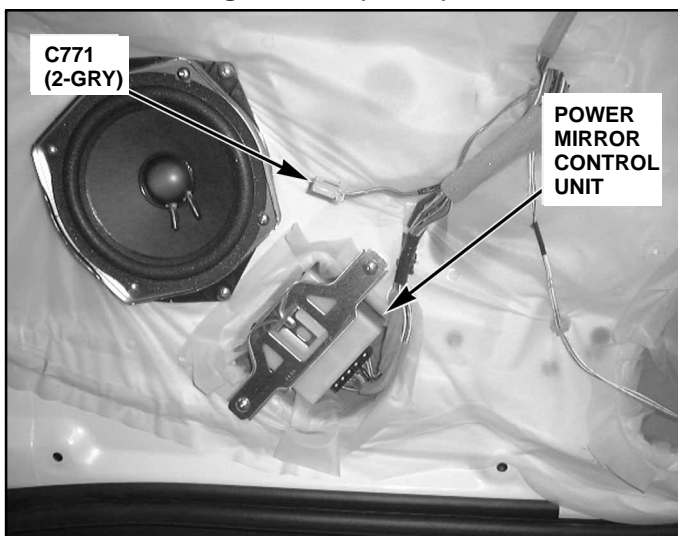
## 191. Behind Left Kick Panel ('02-'04 USA)



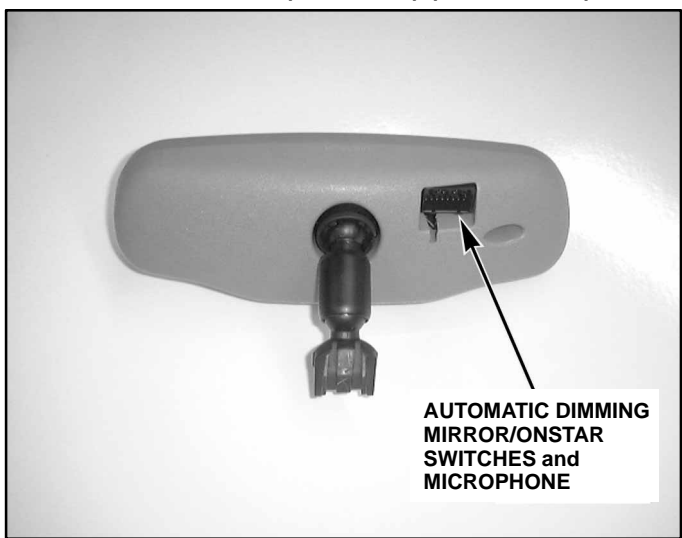
## 192. Driver's Door ('02-'04)



### 193. Front Passenger's Door ('02-'04)

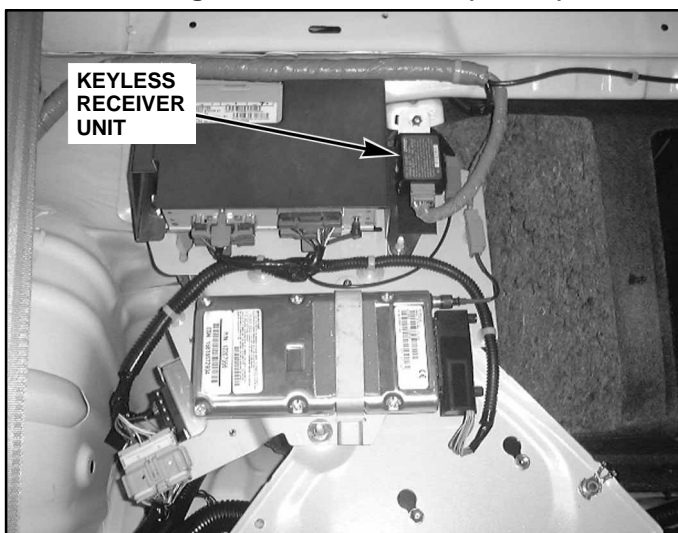


**194. Rear View Mirror (Removed) ('02-'03 USA)**

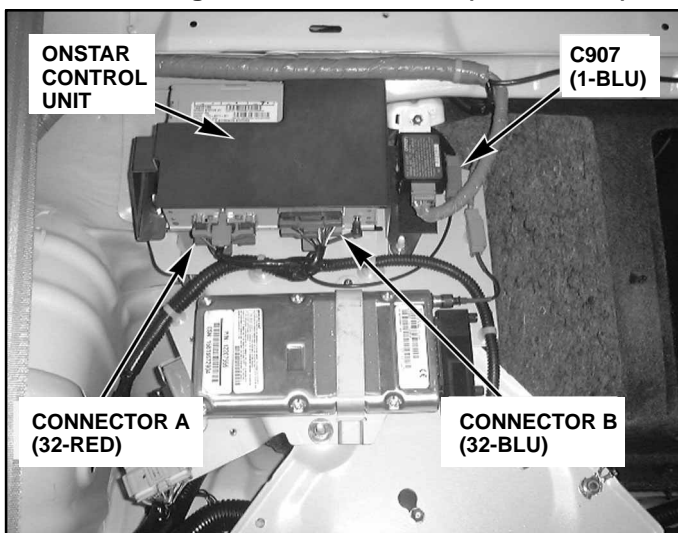


**AUTOMATIC DIMMING  
MIRROR/ONSTAR  
SWITCHES and  
MICROPHONE**

## 195. Behind Right Side of Rear Seat ('02-'04)

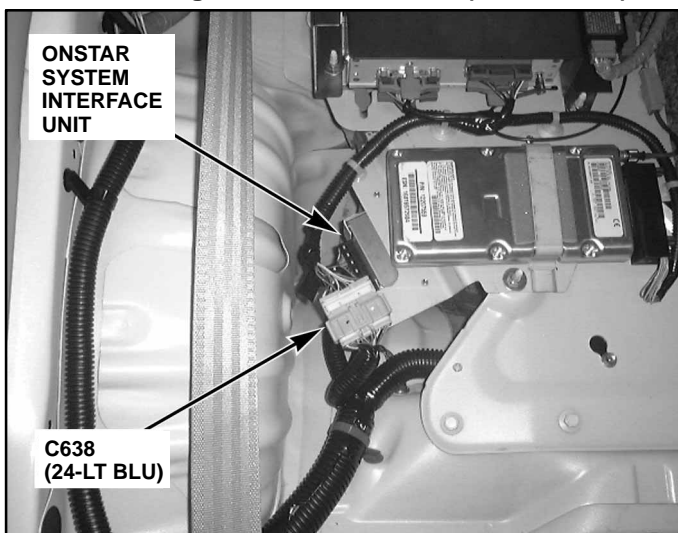


196. Behind Right Side of Rear Seat ('02-'04 USA)

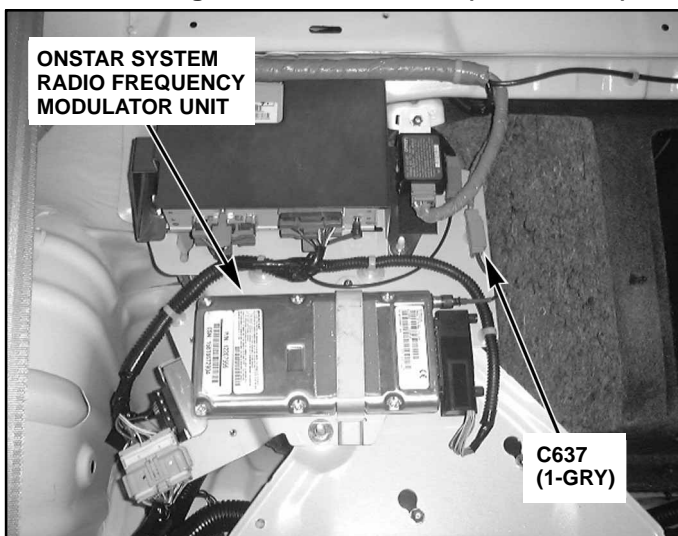




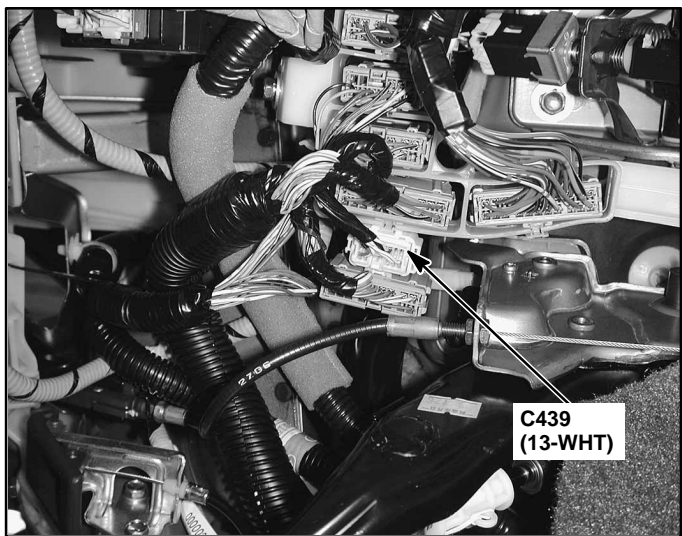
**197. Behind Right Side of Rear Seat ('02-'04 USA)**



**198. Behind Right Side of Rear Seat ('02-'04 USA)**



**199. Left of Steering Column ('04)**

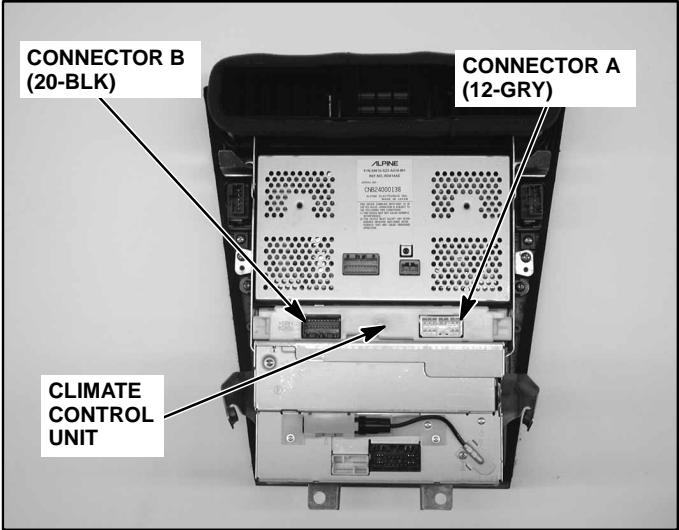


**200. Behind Instrument Cluster (Behind Foam) ('04)**

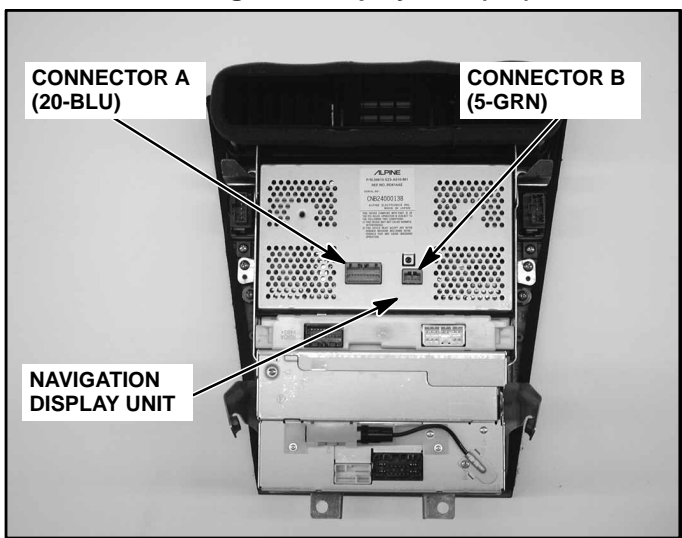


**HAZARD WARNING  
LIGHTS DIODES 1  
AND 2 (2-BLK)**

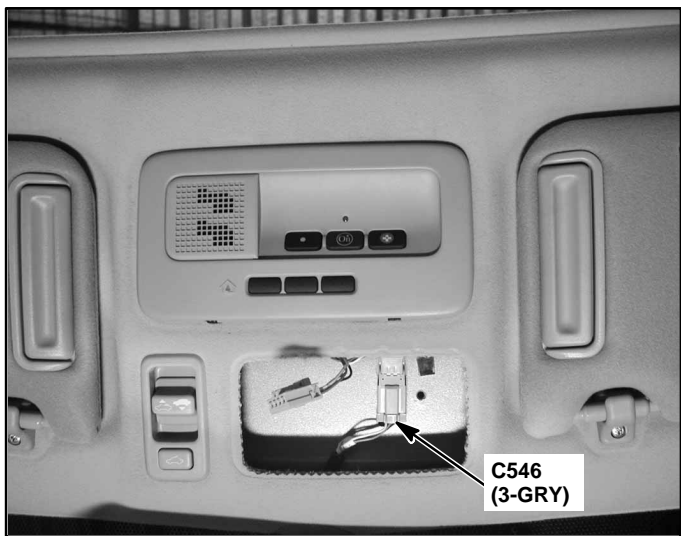
201. Behind Climate Control Unit ('04)



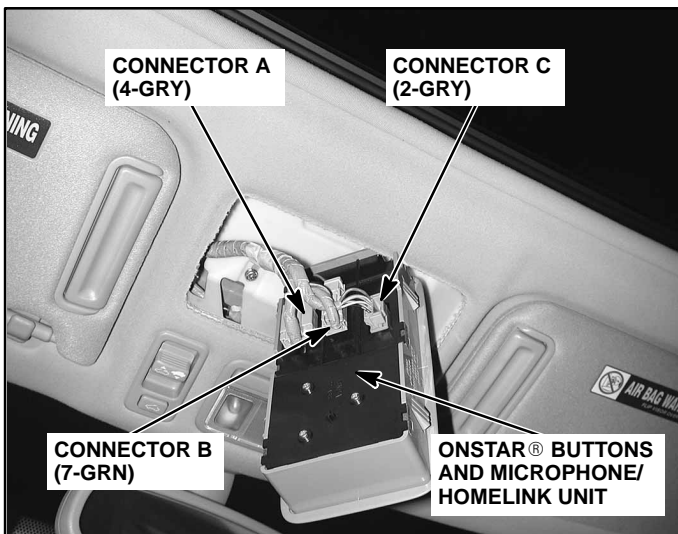
## 202. Behind Navigation Display Unit ('04)



### 203. Behind Front Ceiling Light ('04)

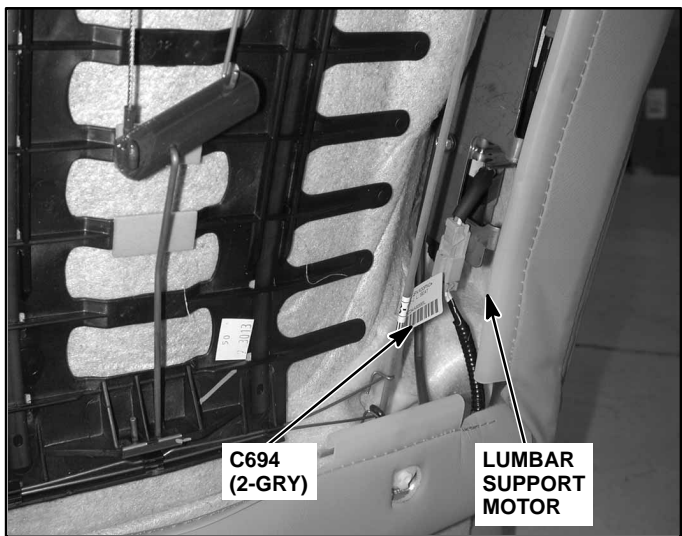


## 204. Front of Headliner ('04 USA)

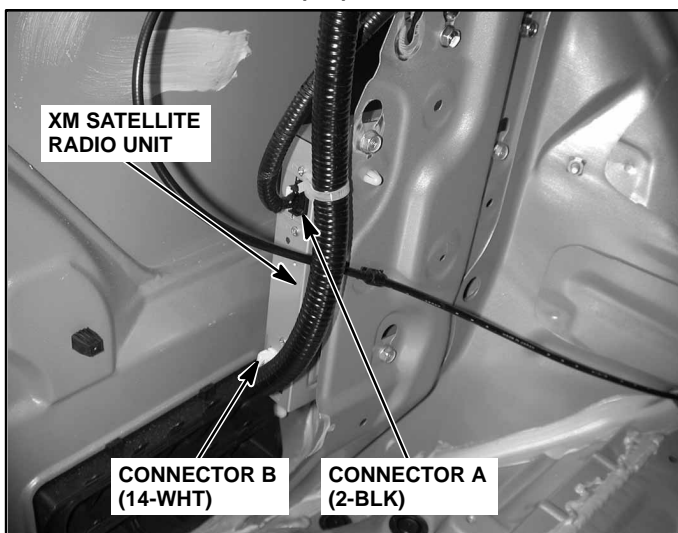




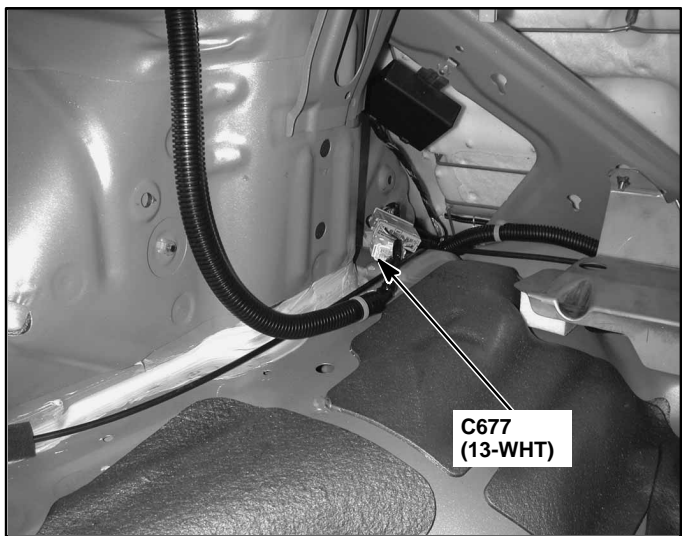
## 205. Driver's Seat Back ('04)



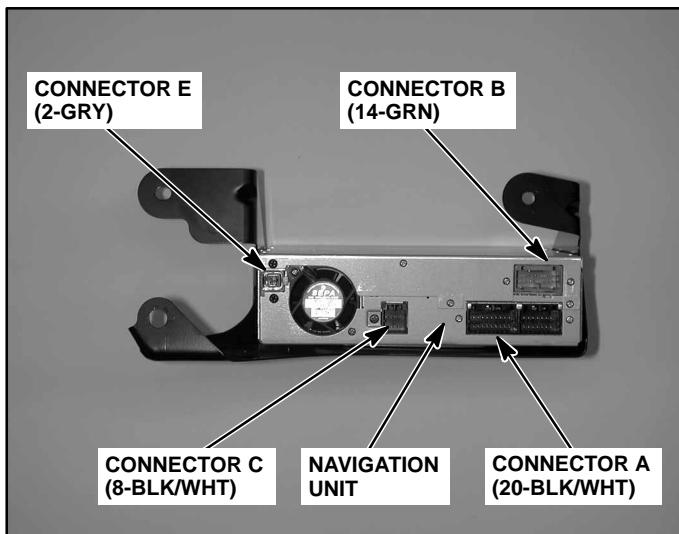
## 206. Left Side of Trunk ('04)



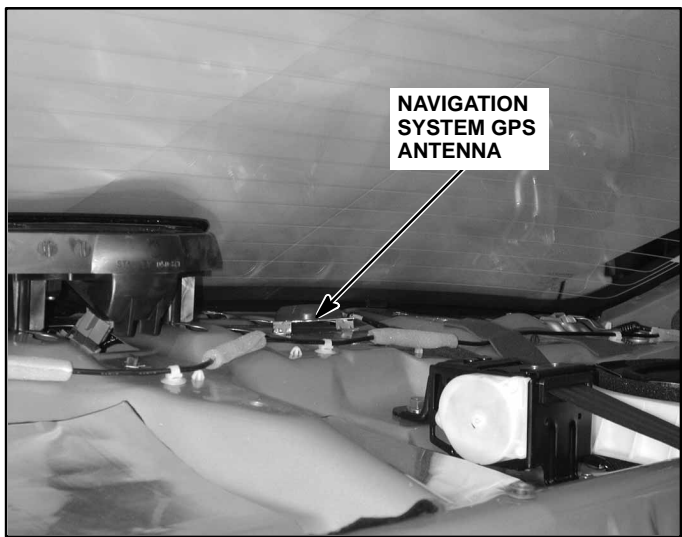
207. Left Rear of Trunk ('04)



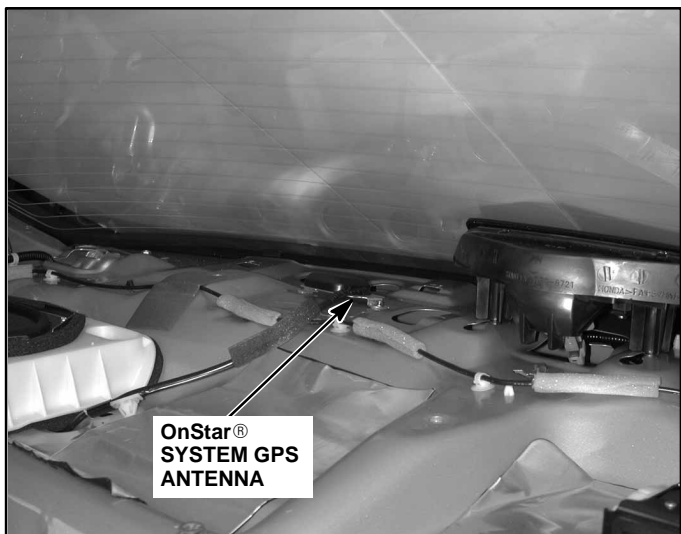
## 208. Rear of Navigation Unit ('04)



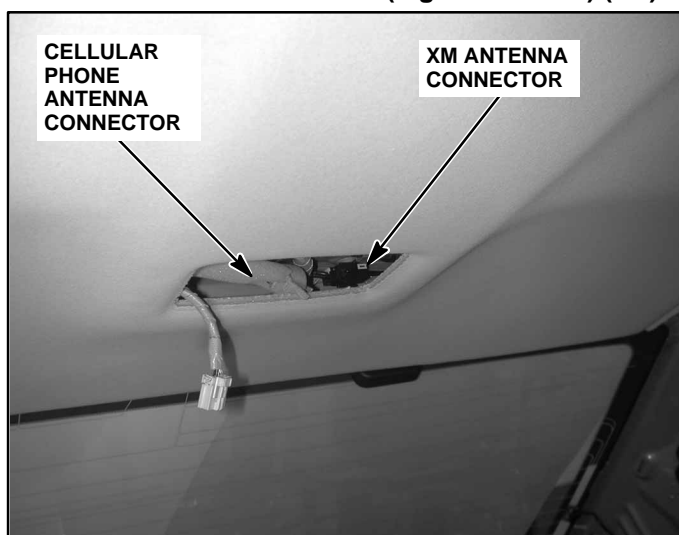
209. Under Right Side of Rear Shelf ('04)



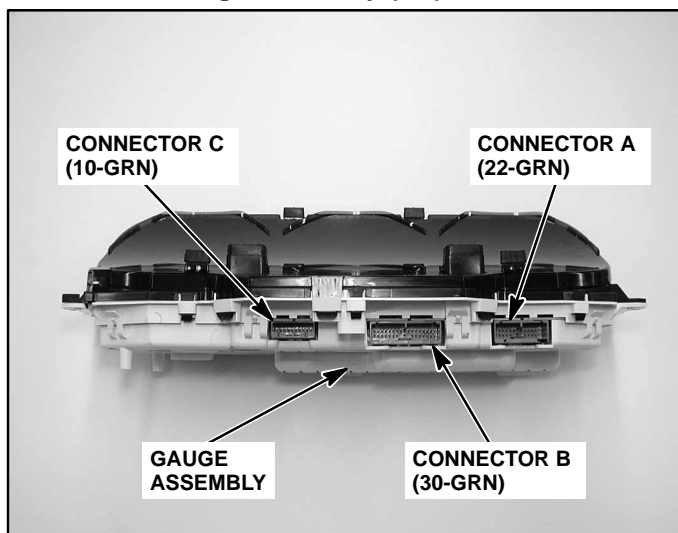
## 210. Under Left Side of Rear Shelf ('04)



## 211. Center Rear of Headliner (Light Removed) ('04)

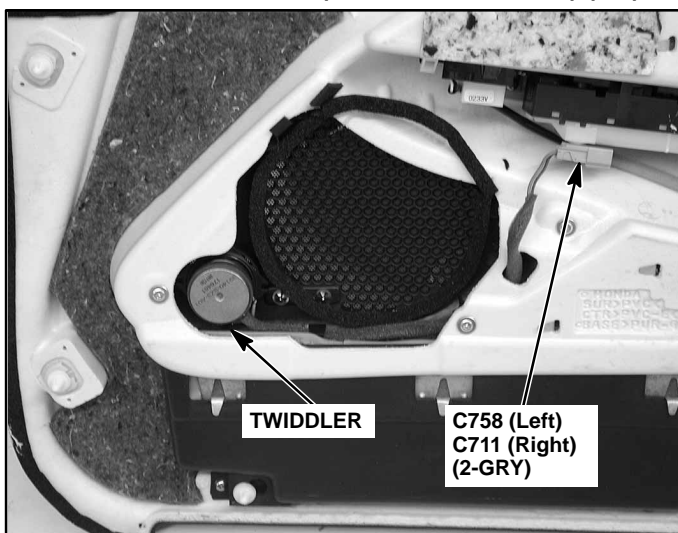


## 212. Behind Gauge Assembly ('04)

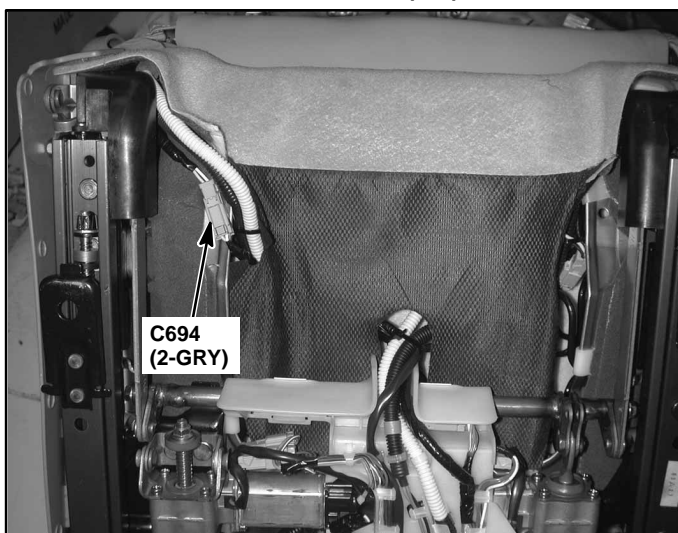




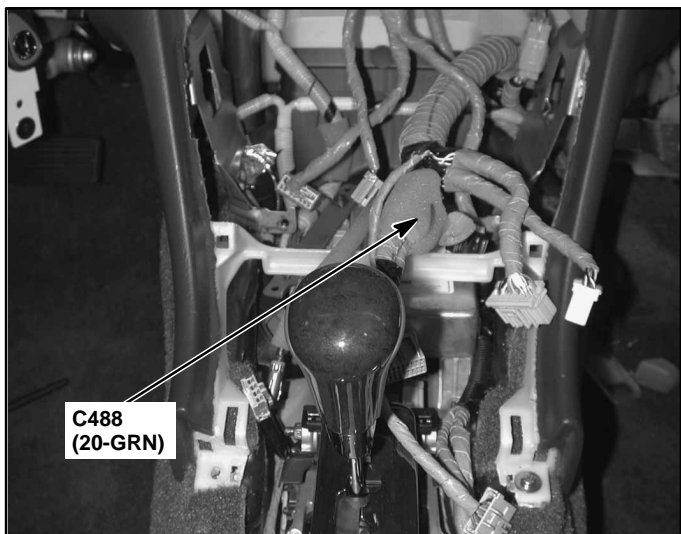
## 213. Driver's Door Panel (Front Pass. Similar) ('04)



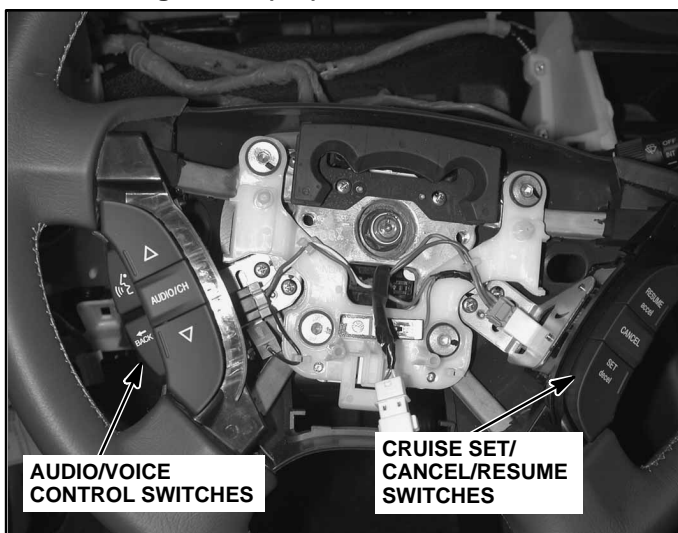
## 214. Underside of Driver's Seat ('04)



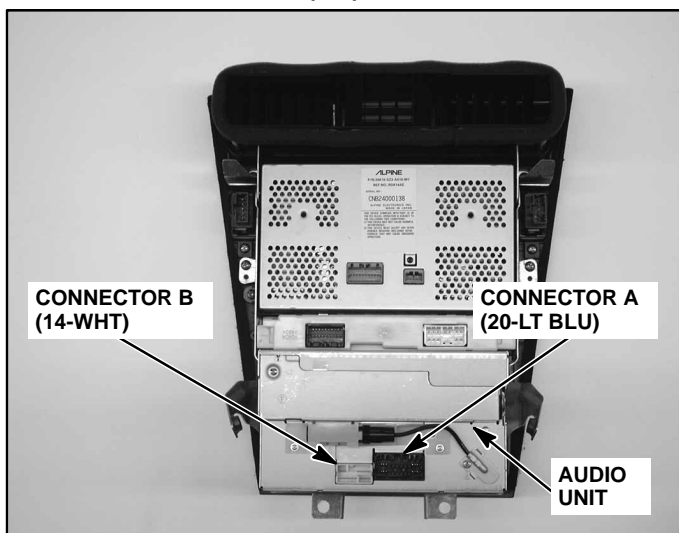
## 215. Center of Dash ('04)

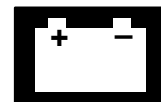


## 216. Steering Wheel ('04)



## 218. Behind Audio Unit ('04)

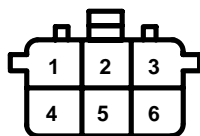




# Connector Views

## 1. C108

- Gray
- Center rear of engine
- Connects the engine wire harness to IAB low and high control solenoid valves and engine mount control solenoid valve pigtails



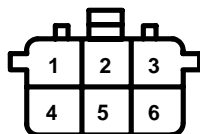
- 1 BLK/YEL (PGM-FI)
- 2 BLK/YEL (PGM-FI)
- 3 BLK/YEL (PGM-FI)
- 4 YEL (PGM-FI)
- 5 RED/BLU (PGM-FI)
- 6 LT GRN (PGM-FI)



# Connector Views

## 2. C123

- Gray
- Center front of engine
- Connects engine wire harness to vehicle speed sensor sub-harness



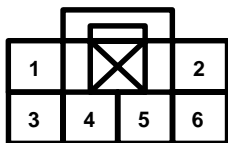
- 1 YEL/RED  
'96: (Engine oil pressure Indicator)  
'97-'03: (Engine oil pressure Indicator)
- 2 BLK (G151)
- 3 BLK (G151)
- 4 BLU/WHT (VSS)
- 5 YEL (VSS)
- 6 GRN/BLU (VSS)



## Connector Views

### 3. C406

- Blue
- Behind left kick panel
- Connects main wire harness to under-dash fuse/relay box



- 1 BLK/WHT (Starting system)
- 2 RED/WHT (DPMS)
- 3 BLK/YEL (PGM-FI)
- 4 BLK
  - '96-'98: (G401)
  - '99-'04: (G251)
- 5 BLK/YEL (Ignition system)
- 6 —

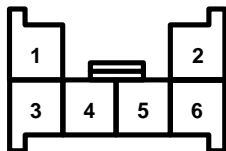




## Connector Views

### 4. C705

- Gray
- Center underside of trunk lid
- Connects rear wire harness to trunk latch assembly pigtail



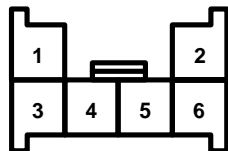
- 1 GRN/BLK  
(Safety indicator)  
(Trunk light)
- 2 BLU/GRN (Security)
- 3 WHT/BLK (Trunk opener)
- 4 BLK (G701)
- 5 —
- 6 Female – BLK  
Male – BLK/RED  
(G701)



## Connector Views

### 5. C783

- Gray
- Left rear door
- Connects left rear door wire harness to left rear door latch assembly pigtail



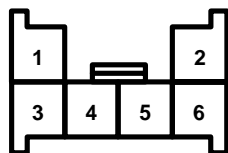
- 1 Male – BLU/RED  
Female – RED/BLU  
(Power door locks)
- 2 Male – GRY/YEL  
Female – GRN/ORN  
(Power door locks)  
(Safety indicator)
- 3 BLK  
'96-'98: (G401)  
'99-'04: (G251)
- 4 WHT/RED (Power door locks)
- 5 YEL/RED (Power door locks)
- 6 BLK (G651)



## Connector Views

### 6. C793

- Gray
- Rear of right rear door
- Connects right rear door wire harness to right rear door latch assembly pigtail



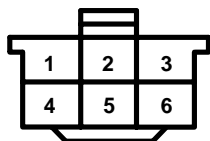
- 1 Male – BLU/RED  
Female – GRY  
(Power door locks)
- 2 Male – GRY/YEL or GRN/YEL  
Female – GRN/YEL  
(Power door locks)  
(Safety indicator)
- 3 BLK (G601)
- 4 WHT/RED (Power door locks)
- 5 YEL/RED (Power door locks)
- 6 BLK (G601)



# Connector Views

## 7. ABS Inspection Connector ('96-'97)

- Orange
- Below right side of dash
- On main wire harness



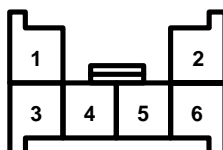
- 1 GRN/BLU (FLW (+))
- 2 LT BLU (RLW (+))
- 3 BLK/ORN (Common)
- 4 GRN/BLK (RFW (+))
- 5 GRN/YEL (RRW (+))
- 6 YEL/BLK (Power)



# Connector Views

## 8. Brake Light Failure Sensor(s)

– Gray



### '96-'98:

- Left rear corner of trunk
- On left taillight sub-harness

- 1 WHT/GRN (Safety indicator output)
- 2 BLK (G701)
- 3 ORN (Left brake input)
- 4 GRN/WHT (Brake switch input)
- 5 GRN/ORN (Right brake input)
- 6 —

### '99-'04:

#### Left

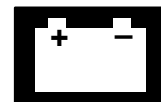
- Left rear corner of trunk
- On rear wire harness

- 1 —
- 2 GRN/ORN (Left brake inputs)
- 3 BLK (G701)
- 4 WHT/GRN (Safety indicator output)
- 5 '99-'01: YEL  
'02-'04: YEL/GRN (Fuse 13)
- 6 GRN/WHT (Brake switch input)

#### Right

- Right rear corner of trunk
- On rear wire harness

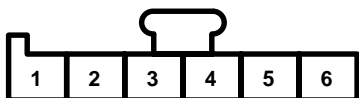
- 1 —
- 2 GRN/YEL (Right brake inputs)
- 3 BLK (G701)
- 4 WHT/GRN (Safety indicator output)
- 5 '99-'01: YEL  
'02-'04: YEL/GRN (Fuse 13)
- 6 GRN/WHT (Brake switch input)



# Connector Views

## 9. Dash Lights Brightness Controller

- White
- Mounted to the driver's switch panel
- On dashboard wire harness



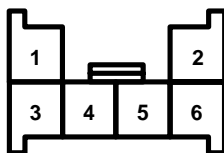
- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLU/BLK (Reference)
- 4 LT GRN (Dim output)
- 5 —
- 6 BLK/WHT (Cancel output)



# Connector Views

## 10. Driver's Seat Heater Switch

- Gray
- Mounted to A/T gear position indicator trim
- On main wire harness



### '96-'97:

- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Power)

### '99-'04:

- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Power)

### '98:

- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Power)

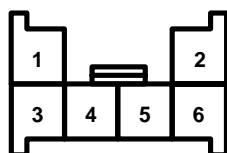


# Connector Views

## 11. Front Passenger's Window Switch

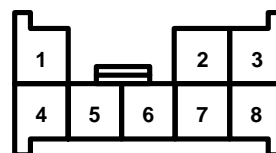
- Gray
- Mounted to the front passenger's door panel
- On front passenger's door wire harness

'96-'97:



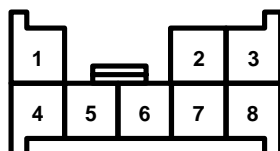
- 1 BLU/WHT (Motor control)
- 2 BLK/GRN (Main switch enable)
- 3 WHT/YEL (Switched power)
- 4 BLU/RED (Motor control)
- 5 BLK/RED (Master switch control – down)
- 6 BLU/BLK (Master switch control – up)

'99-'01:



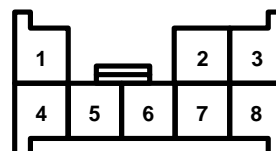
- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 RED (Illumination (-))
- 5 WHT/YEL (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 BLU/BLK (Master switch control – up)
- 8 BLK/RED (Master switch control – down)

'98:



- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 RED (Illumination (-))
- 5 WHT/YEL (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 BLU/BLK (Master switch control – up)
- 8 BLK/RED (Master switch control – down)

'02-'04:



- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 RED (Illumination (-))
- 5 WHT/YEL (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 BLU/BLK (Master switch control – up)
- 8 BLK/RED (Master switch control – down)

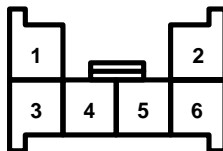




# Connector Views

## 12. Front Passenger's Seat Heater Switch

- Brown
- Mounted to A/T gear position indicator trim
- On main wire harness



### '96-'97:

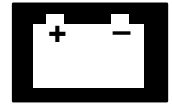
- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Switched power)

### '98:

- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Switched power)

### '99-'04:

- 1 RED (Illumination (-))
- 2 RED/BLK (Illumination (+))
- 3 BLK (G251)
- 4 GRN (High output)
- 5 BLU (Low output)
- 6 BLK/RED (Switched power)

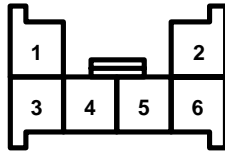


# Connector Views

## 13. Left Rear Window Switch

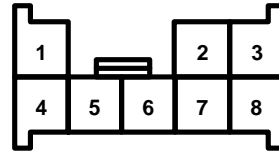
- Gray
- Mounted to the left rear door panel
- On left rear door wire harness

'96-'97:



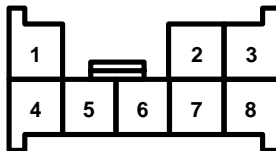
- 1 BLU/WHT (Motor control)
- 2 BLK/GRN (Main switch enable)
- 3 YEL/BLK (Switched power)
- 4 BLU/RED (Motor control)
- 5 YEL/GRN (Master switch control – down)
- 6 YEL (Master switch control – up)

'99-'01:



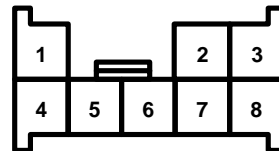
- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G651)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)

'98:



- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G651)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)

'02-'04:



- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G651)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)

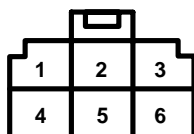


# Connector Views

## 14. Moonroof Close Relay

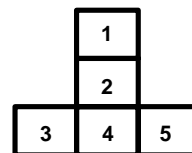
- Brown or Gray
- Right front of trunk
- On right side wire harness

'96-'97:



- 1 GRN (Fuse 51)
- 2 GRN/RED (Contacts output)
- 3 YEL/GRN (Ignition input)
- 4 BLK (G602)
- 5 —
- 6 RED (Coil control)

'98-'04:



- 1 GRN/RED (Motor control)
- 2 GRN (Fuse 51)
- 3 RED (Coil control)
- 4 BLK (G602)
- 5 '98: YEL/GRN  
'99-'04: YEL (Ignition input)

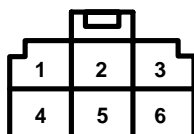


# Connector Views

## 15. Moonroof Open Relay

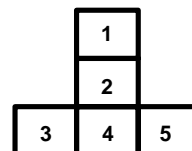
- Green or Gray
- Right front of trunk
- On right side wire harness

'96-'97:



- 1 GRN (Fuse 51)
- 2 GRN/YEL (Contacts output)
- 3 YEL/GRN (Ignition input)
- 4 BLK (G602)
- 5 —
- 6 BLU (Coil control)

'98-'04:



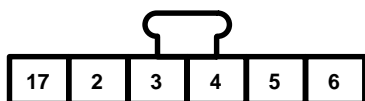
- 1 GRN/YEL (Motor control)
- 2 GRN (Fuse 51)
- 3 BLU (Coil control)
- 4 BLK (G602)
- 5 '98: YEL/GRN  
'99-'04: YEL (Ignition input)



## Connector Views

### 16. Rear Window Defogger Switch (Except '00-'04 Navigation)

- White
- Center of dash
- On main wire harness



- 1 RED/BLK (Illumination (+))
- 2 RED (Illumination (-))
- 3 YEL/BLU (Defogger ON output)
- 4 BLK (G402)
- 5 YEL/GRN (ON indicator (-))
- 6 YEL/BLK (ON indicator (+))

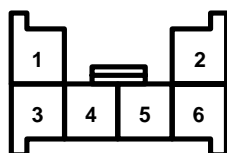


# Connector Views

## 17. Right Rear Window Switch

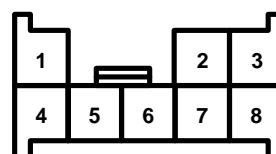
- Gray
- Mounted to the right rear door panel
- On right rear door wire harness

'96-'97:



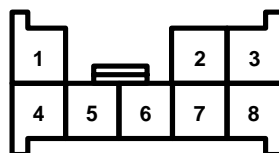
- 1 BLU/WHT (Motor control)
- 2 BLK/GRN (Main switch enable)
- 3 YEL/BLK (Switched power)
- 4 BLU/RED (Motor control)
- 5 YEL/GRN (Master switch control – down)
- 6 YEL (Master switch control – up)

'99-'01:



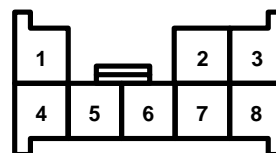
- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G601)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)

'98:



- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G601)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)

'02-'04:



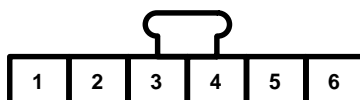
- 1 GRN (Motor control)
- 2 RED (Motor control)
- 3 BLK/GRN (Main switch enable)
- 4 BLK (G601)
- 5 YEL/BLK (Switched power)
- 6 RED/BLK (Illumination (+))
- 7 YEL (Master switch control – up)
- 8 YEL/GRN (Master switch control – down)



## Connector Views

### 18. TCS Switch ('96-'99) or VSA Off Switch ('00-'04)

- White
- Left side of dash, in driver's switch panel
- On dashboard wire harness



#### '96-'97:

- 1 RED/BLK (Illumination (+))
- 2 RED (Illumination (-))
- 3 BLK/YEL (Fuse 20)
- 4 WHT/BLK (TCS or VSA ON output)
- 5 —
- 6 —

#### '00-'04:

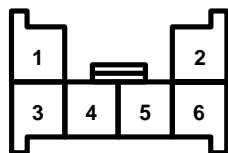
- 1 RED/BLK (Illumination (+))
- 2 RED (Illumination (-))
- 3 BLK/YEL (Fuse 20)
- 4 WHT/BLK (TCS or VSA ON output)
- 5 —
- 6 —



# Connector Views

## 19. Trailer Lighting Connector

- Gray
- Left rear corner of trunk
- On rear wire harness



- 1 PNK/BLU  
Except '04 Navigation: (Left turn)  
'04 Navigation: (Left turn)
- 2 BLK (G701)
- 3 '96-'98: RED/YEL  
'99-'04: RED/BLK  
(Taillights)
- 4 GRN/WHT (Brake)
- 5 GRN/BLK (Back-up)
- 6 GRN/YEL  
Except '04 Navigation: (Right turn)  
'04 Navigation: (Right turn)

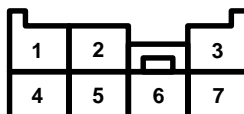




# Connector Views

## 20. C305

- Brown
- On bottom of under-hood fuse/relay box
- Connects left engine compartment wire harness to under-hood fuse/relay box



- 1 WHT/GRN (Fuse 33)
- 2 USA: RED/BLU  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)  
Canada: WHT/BLU  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)
- 3 Except '02-'04: GRN  
'96-'97: (ABS)  
'98-'99: (ABS)

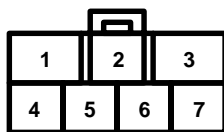
- 4 WHT/GRN (Fuse 43)
- 5 BLK (G301)
- 6 '96-'98 USA: ORN (Headlights)  
'96-'98 Canada: RED/WHT (Headlights)
- 7 RED/BLU  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)  
'96-'98 Canada: (Headlights)  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)



# Connector Views

## 21. C324

- Brown
- Behind left kick panel
- Connects left engine compartment wire harness to main wire harness



- 1 WHT (Fuse 37)
- 2 YEL/BLU  
Except '00-'04 with Navigation: (Rear window defogger)  
'00-'04 with Navigation: (Rear window defogger)
- 3 BLK/WHT (Starting system)
- 4 BLU/YEL  
'96-'98: (Wiper/washer)  
'99-'04: (Wiper/washer)
- 5 BLU  
'96-'98: (Wiper/washer)  
'99-'04: (Wiper/washer)
- 6 BLK/YEL (Fuse 25)
- 7 WHT/BLU  
'96-'97: (ABS)  
'00-'04: (VSA)



# Connector Views

## 22. C901

- Brown
- Behind left kick panel
- Connects ignition switch pigtail to under-dash fuse/relay box



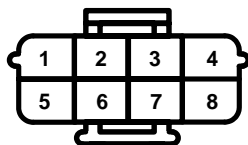
- 1 WHT (+B)
- 2 —
- 3 BLK/YEL (IG1)
- 4 BLK/WHT (ST)
- 5 —
- 6 WHT/RED (ACC)
- 7 YEL (IG2)



# Connector Views

## 23. C105 (Premium/Canada)

- Gray
- Right rear of engine compartment
- Connects engine wire harness and main wire harness



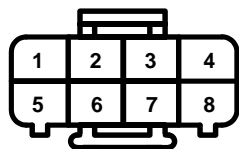
- |   |   |
|---|---|
| 1 BLK<br>'96-'99: (TCS)<br>'00-'04: (VSA) | 4 RED<br>'96-'99: (TCS)<br>'00-'04: (VSA)     |
| 2 BRN<br>'96-'99: (TCS)<br>'00-'04: (VSA) | 5 —   |
| 3 GRN<br>'96-'99: (TCS)<br>'00-'04: (VSA) | 6 BLK/RED (PGM-FI)                            |
|   | 7 BLK (PGM-FI)                                |
|   | 8 YEL/BLU<br>'96-'99: (TCS)<br>'00-'04: (VSA) |



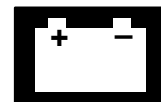
# Connector Views

## 24. C106

- Gray
- Center rear of engine
- Engine wire harness junction connector



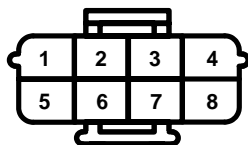
- 1 BLK/YEL (Ignition system)
- 2 BLK/YEL (Ignition system)
- 3 BLK/YEL (Ignition system)
- 4 BLK/YEL (Ignition system)
- 5 BLK/YEL (Ignition system)
- 6 BLK/YEL (Ignition system)
- 7 BLK/YEL (Ignition system)
- 8 BLK/YEL (Ignition system)



# Connector Views

## 25. C146

- Gray
- Left side of engine compartment
- Engine wire harness junction connector



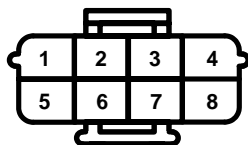
- 1 RED/BLK (PGM-FI)
- 2 RED/BLK (PGM-FI)
- 3 RED/BLK (PGM-FI)
- 4 RED/BLK (PGM-FI)
- 5 YEL/BLK (PGM-FI)
- 6 —
- 7 RED/BLK (PGM-FI)
- 8 RED/BLK (PGM-FI)



# Connector Views

## 26. C130

- Gray
- Top left side of engine
- Connects engine wire harness to CKP/CYP sensor pigtail



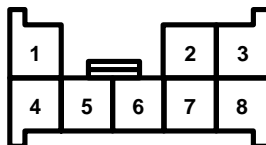
- |   |   |
|---|---|
| 1 Female – BLU<br>Male – PNK<br>(PGM-FI)            | 5 Female – YEL/RED<br>Male – ORN<br>(PGM-FI)    |
| 2 Female – WHT<br>Male – GRY<br>(PGM-FI)            | 6 Female – BLK/RED<br>Male – WHT<br>(PGM-FI)    |
| 3 Female – WHT/RED<br>Male – LT GRN/WHT<br>(PGM-FI) | 7 Female – BLK<br>Male – LT BLU/YEL<br>(PGM-FI) |
| 4 Female – BLU/RED<br>Male – BLK/WHT<br>(PGM-FI)    | 8 Female – YEL<br>Male – YEL/GRN<br>(PGM-FI)    |



# Connector Views

## 27. C202

- Gray
- Behind blower unit
- Connects right engine compartment wire harness to main wire harness



1 '99-'04: WHT/RED (Security system)

2 '96-'98: ORN

'96-'98 USA: (Headlights)

'96-'98 Canada: (Headlights)

'99-'04 USA: RED/BLK (Headlights)

'99-'04 Canada:

Male – YEL/BLU

Female – RED/BLK

(Headlights)

3 '96-'98 USA: RED/BLU (Headlights)

'96-'98 Canada: YEL/BLU (Headlights)

'99-'04: RED/BLU

'99-'04 USA: (Headlights)

'99-'04 Canada: (Headlights)

4 —

5 —

6 —

7 GRN/YEL

'96-'98: (Turn signal lights)

'99-'04: (Turn signal lights)

8 LT GRN

'96-'98 USA: (Fog lights)

'99-'04 USA: (Fog lights)

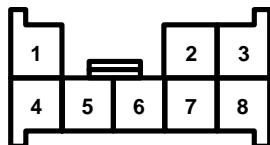




# Connector Views

## 28. C431

- Gray
- Left of steering column
- Connects main wire harness to steering lock assembly



- 1 WHT/BLK (Entry light control)
- 2 BLK
  - '96-'98: (G401)
  - '99-'04: (G251)
- 3 WHT/BLU (Fuse 57)
- 4 WHT/RED (Interlock)
- 5 BLK/RED (Interlock)
- 6 —
- 7 BLU/WHT (DPMS)
- 8 Male – WHT/YEL  
Female – WHT/GRN  
(Fuse 39)

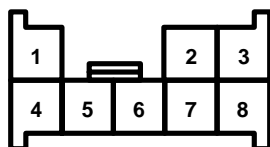


# Connector Views

## 29. C477

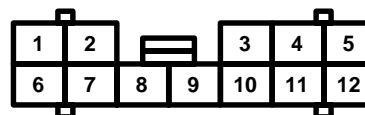
- Gray
- Behind climate control and audio unit
- Connects main wire harness to dashboard wire harness

'96-'03:



- 1 BLK  
'96-'98: (G401)  
'99-'03: (G401)
- 2 GRN/YEL (Turn signal lights)
- 3 '00-'03: LT GRN/RED (VSA)
- 4 GRY (Climate control)
- 5 WHT/RED  
'96-'97: (Gauge assembly)  
'98-'03: (Gauge assembly)
- 6 BLU/WHT  
'96-'98: (SRS)  
'99-'03: (SRS)
- 7 WHT/YEL (Fuse 56)
- 8 '99-'03: GRN (SRS)

'04:



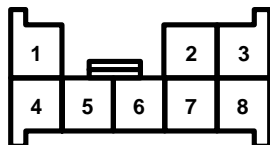
- 1 Male – BLU/WHT  
Female – BLU/BLK  
(Power door locks)
- 2 BLK (G401)
- 3 GRN/YEL (Turn signal lights)
- 4 LT GRN/RED (VSA)
- 5 BLU/WHT (Power door locks)
- 6 Male – BLK/WHT  
Female – LT GRN  
(Dash and console lights)
- 7 GRY (Climate control)
- 8 WHT/RED (Gauge assembly)
- 9 BLU/WHT (SRS)
- 10 WHT/YEL (Fuse 56)
- 11 GRN (SRS)
- 12 —



# Connector Views

## 30. C501

- Blue
- Behind left kick panel
- Connects dashboard wire harness to under-dash fuse/relay box



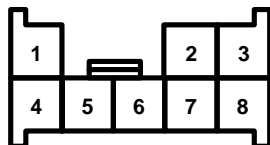
- 1 —
- 2 —
- 3 —
- 4 RED
  - '96-'98: (Dash and console lights)
  - '99-'04: (Dash and console lights)
- 5 YEL/BLK (Fuse 6)
- 6 —
- 7 —
- 8 —



## Connector Views

### 31. C709 ('96-'98)

- Gray
- Left rear corner of trunk
- Connects rear wire harness to left taillight sub-harness



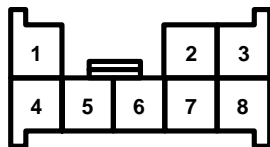
- 1 WHT/GRN (Brake lights)
- 2 BLK (G701)
- 3 Female – PNK/BLU  
Male – GRN/YEL  
(Turn signal lights)
- 4 GRN/BLK (Back-up lights)
- 5 Female – RED/YEL  
Male – RED/BLK  
(Taillights)
- 6 GRN/WHT (Brake lights)
- 7 GRN/ORN (Brake lights)
- 8 —



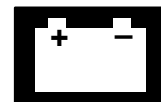
## Connector Views

### 32. C710 ('96-'98)

- Gray
- Right rear corner of trunk
- Connects rear wire harness to right taillight sub-harness



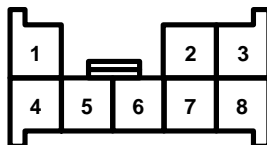
- 1 —
- 2 BLK (G701)
- 3 GRN/YEL (Turn signal lights)
- 4 GRN/BLK (Back-up lights)
- 5 Female – RED/YEL  
Male – RED/BLK  
(Taillights)
- 6 GRN/ORN (Brake lights)
- 7 —
- 8 —



# Connector Views

## 33. C744

- Gray
- Driver's door
- Driver's door wire harness to driver's door latch assembly pigtail



- 1 '96-'03: GRN/BLK  
'04: Male – GRN/BLK  
Female – BLU/RED  
(Power door locks)
- 2 WHT/RED (Power door locks)
- 3 '96-'03: GRN/BLU  
'04: Male – GRN/BLU  
Female – GRN/RED  
(Power door locks)  
(Safety indicator)

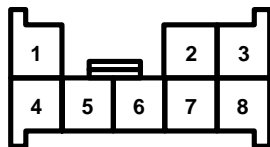
- 4 '96-'03: BLU/WHT  
'04: Male – BLU/WHT  
Female – BLU/BLK  
(Power door locks)
- 5 BLK  
'96-'98: (G401)  
'99-'04: (G251)
- 6 —
- 7 YEL/RED (Power door locks)
- 8 BLK  
'96-'98: (G401)  
'99-'04: (G251)



## Connector Views

### 34. C764

- Gray
- Rear of passenger's door
- Connects front passenger's door wire harness to front passenger's door latch assembly pigtail



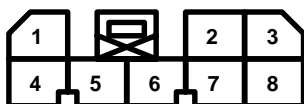
- 1 BLU/RED (Power door locks)
- 2 WHT/RED (Power door locks)
- 3 GRN/RED  
(Power door locks)  
(Safety indicator)
- 4 '99-'04:  
Male – BLU or BLU/BLK  
Female – (Not used)
- 5 BLK (G402)
- 6 —
- 7 YEL/RED (Power door locks)
- 8 BLK (G402)



# Connector Views

## 35. Keyless Receiver Unit ('96-'01)

- Gray
- Behind right side of rear seat
- On right side wire harness



- 1 YEL/BLK  
(Power door locks: Panic)  
(Security system: Panic)
- 2 —
- 3 YEL  
(Power door locks: Ignition input)  
(Security system: Ignition input)
- 4 PNK/BLU  
(Power door locks: Trunk)  
(Security system: Trunk)
- 5 GRN  
(Power door locks: Unlock)  
(Security system: Unlock)
- 6 RED/WHT  
(Power door locks: Lock)  
(Security system: Lock)
- 7 BLK (G602)
- 8 WHT (Fuse 44)

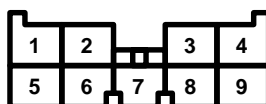




# Connector Views

## 36. C306

- Gray
- On bottom of under-hood fuse/relay box
- Connects left engine compartment wire harness to under-hood fuse/relay box



- 1 '96-'97: WHT/BLK (Fuse 41)  
'98-'04: GRN/WHT (Fuse 41)
- 2 WHT (Fuse 44)
- 3 '96-'98: RED/BLK (Headlight switch)  
'99-'04: RED/YEL  
'99-'04 USA: (Headlight switch)  
'99 Canada: (Headlight switch)  
'00-'04 Canada: (Headlight switch)
- 4 YEL (Fuse 47)
- 5 BLU/RED (Fuse 42)
- 6 RED/GRN  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)  
'96-'98 Canada: (Headlights)  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)

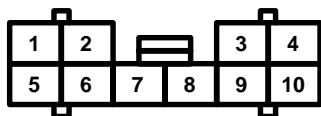
- 7 BLU/RED  
'99-'04: PNK, PNK  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)  
'96-'98 Canada: (Headlights)
- 8 RED/YEL  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)  
'96-'98 Canada: (Headlights)  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)
- 9 RED/YEL  
'99-'04: RED/BLK  
'96-'98: (Headlight switch)  
'99-'04 USA: (Headlight switch)  
'99 Canada: (Headlight switch)  
'00-'04 Canada: (Headlight switch)



# Connector Views

## 37. C402

- Blue
- Behind left kick panel
- Connects main wire harness to under-dash fuse/relay box



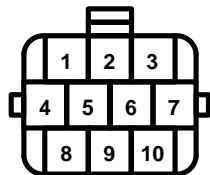
- 1 —
- 2 YEL/BLK (Fuse 19)
- 3 —
- 4 —
- 5 —
- 6 —
- 7 BLU/WHT (VSS)
- 8 —
- 9 RED/BLK
  - '96-'98: (Console lights)
  - '99-'04: (Console lights)
- 10 '96-'97: GRN/WHT (Power windows)
  - '98-'04: WHT/BLK
  - '98: (Power windows)
  - '99-'01: (Power windows)
  - '02-'04: (Power windows)



# Connector Views

## 38. C470

- Gray
- Above catalytic converter
- Connects main wire harness to A/T gear position switch pigtail



- 1 BLK/BLU (A/T controls)
- 2 WHT (A/T controls)
- 3 RED (A/T controls)
- 4 YEL (A/T controls)
- 5 GRN (A/T controls)
- 6 BLU (A/T controls)
- 7 BRN (A/T controls)
- 8 BLK (G402)
- 9 PNK (Cruise control)
- 10 GRY
  - '98-'99: (Immobilizer system)
  - '99-'04: (Immobilizer system)

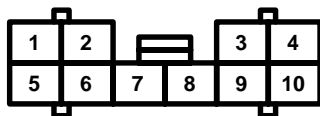


# Connector Views

## 39. C659

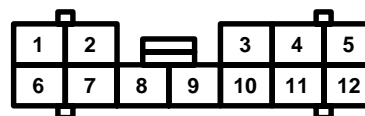
- Gray
- Underside of driver's seat
- Connects left side wire harness to driver's power seat wire harness

'96-'03:



- 1 LT GRN/RED (DPMS)
- 2 —
- 3 WHT/RED (Fuse 8)
- 4 RED/WHT (Fuse 11)
- 5 BLK/WHT (DPMS)
- 6 BLK/YEL (DPMS)
- 7 BLK
- '96-'98: (G401)
- '99-'03: (G251)
- 8 BLK (G651)
- 9 BLK (G651)
- 10 WHT/YEL (Fuse 56)

'04:



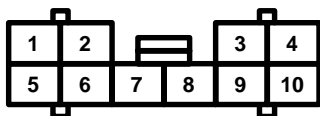
- 1 LT GRN/RED (DPMS)
- 2 —
- 3 WHT/RED (Fuse 8)
- 4 RED/WHT (Fuse 11)
- 5 Male – GRN  
Female – WHT/RED (Fuse 8)
- 6 BLK/WHT (DPMS)
- 7 BLK/YEL (Fuse 20)
- 8 BLK (G251)
- 9 BLK (G651)
- 10 BLK (G651)
- 11 WHT/YEL (Fuse 56)
- 12 BLK (G651)



# Connector Views

## 40. C669

- Gray
- Front of trunk
- Connects left side wire harness to fuel unit sub-harness



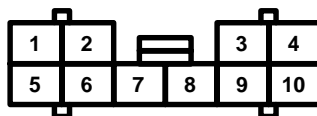
- |                |                        |
|----------------|------------------------|
| 1 BLU/YEL      | 5 —                    |
| '96-'99: (ABS) | 6 BLK (G652)           |
| '02-'04: (VSA) | 7 '96-'99: BLK/YEL     |
| 2 GRN/YEL      | '00-'04: Male: YEL     |
| '96-'99: (ABS) | Female: BLK/YEL        |
| '02-'04: (VSA) | (PGM-FI)               |
| 3 GRY          | 8 BLK (G652)           |
| '96-'99: (ABS) | 9 BLU/GRN (Fuel gauge) |
| '02-'04: (VSA) | 10 '96-'03: BLU/RED    |
| 4 LT BLU       | (Low fuel indicator)   |
| '96-'99: (ABS) |                        |
| '02-'04: (VSA) |                        |



# Connector Views

## 41. C748

- Gray
- Driver's door
- Connects driver's door wire harness to left power mirror pigtail



1 Male – BRN/WHT

Female – BLK

'96-'01: (DPMS)

'02-'04: (DPMS)

2 RED/BLK

'96-'01: (DPMS)

'02-'04: (DPMS)

3 Male – BLK

Female – BLK/WHT

(Power mirror defoggers)

4 BLU/RED (Power mirror defoggers)

5 GRY

'96-'01: (DPMS)

'02-'04: (DPMS)

6 Male – GRN/WHT

Female – PUR

'96-'01: (DPMS)

'02-'04: (DPMS)

7 —

8 YEL

'96-'01: (Power mirrors)

'02-'04: (Power mirrors)

9 Male – BRN

Female – BRN, BRN

'96-'01: (Power mirrors)

'02-'04: (Power mirrors)

10 BLU

'96-'01: (Power mirrors)

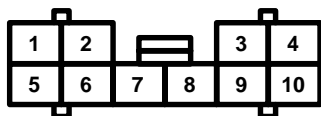
'02-'04: (Power mirrors)



# Connector Views

## 42. C753

- Gray
- Driver's door
- Connects driver's door wire harness to driving position memory switch pigtail



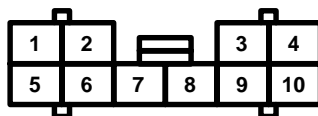
- |  |  |
|--|--|
| 1 Male – RED/WHT<br>Female – RED<br>(DPMS) | 5 Male – BLK<br>Female – YEL/BLU<br>(DPMS) |
| 2 RED/GRN (DPMS)                           | 6 RED/BLK (DPMS)                           |
| 3 —  | 7 RED (DPMS)                               |
| 4 Male – ORN<br>Female – WHT/YEL<br>(DPMS) | 8 BLU/WHT (DPMS)                           |
|  | 9 BLU/YEL (DPMS)                           |
|  | 10 YEL/WHT (DPMS)                          |



# Connector Views

## 43. C768

- Gray
- Front passenger's door
- Connects front passenger's door wire harness to right power mirror pigtail



1 Male – BRN/WHT

Female – BLK

'96-'01: (DPMS)

'02-'04: (DPMS)

2 RED/BLK

'96-'01: (DPMS)

'02-'04: (DPMS)

3 Male – BLK

Female – BLK/WHT

(Power mirror defoggers)

4 BLU/RED (Power mirror defoggers)

5 GRY

'96-'01: (DPMS)

'02-'04: (DPMS)

6 Male – GRN

Female – PUR

'96-'01: (DPMS)

'02-'04: (DPMS)

7 —

8 YEL

'96-'01: (Power mirrors)

'02-'04: (Power mirrors)

9 Male – BRN

Female – BRN, BRN

'96-'01: (Power mirrors)

'02-'04: (Power mirrors)

10 BLU

'96-'01: (Power mirrors)

'02-'04: (Power mirrors)

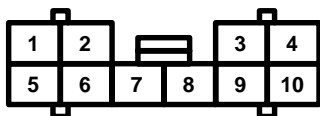




## Connector Views

### 44. Driver's Power Seat Adjustment Switch

- Gray
- Left side of driver's seat
- On driver's power seat wire harness



- 1 WHT/YEL (Recline – forward)
- 2 ORN/GRN (Recline – backward)
- 3 GRN/ORN (Rear – up)
- 4 BRN/BLK (Rear – down)
- 5 BRN (Common)
- 6 BRN (Common)
- 7 RED/BLK (Front – down)
- 8 BLU (Slide – forward)
- 9 ORN/BLU (Slide – backward)
- 10 GRN/BLU (Front – up)



# Connector Views

## 45. Moonroof Control Unit

- Green
- Center rear of roof
- On moonroof wire harness

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- 1 BLU (LS 3)
- 2 GRN (LS 2)
- 3 —
- 4 BLK (Ground)
- 5 —
- 6 YEL/BLU (LS 4)
- 7 YEL/RED (LS 1)
- 8 RED/WHT (LS 1)
- 9 YEL (OPEN)
- 10 YEL/GRN
  - '96-'98: (Fuse 23)
  - '99-'04: (Fuse 13)



# Connector Views

## 46. Power Mirror Switch

– Mounted to driver's door panel

### Connector A

- Green
- On driver's door wire harness



### Connector B (C752)

- Brown
- On driver's door wire harness



### '96-'01:

- 1 YEL (Left – Switch 3)
- 2 —
- 3 —
- 4 —
- 5 RED/WHT (Switch 1)
- 6 YEL/BLK (Ignition input)
- 7 BLK (G401)
- 8 BLU/GRN (Right – Switch 3)
- 9 BLU/ORN (Right – Switch 2)
- 10 BLU (Left – Switch 2)

### '02-'04:

- 1 YEL (Left – Switch 3)
- 2 —
- 3 —
- 4 —
- 5 RED/WHT (Switch 1)
- 6 YEL/BLK (Ignition input)
- 7 BLK (G401)
- 8 BLU/GRN (Right – Switch 3)
- 9 BLU/ORN (Right – Switch 2)
- 10 BLU (Left – Switch 2)

### All:

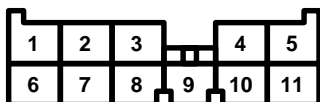
- 1 Female – WHT/RED  
Male – WHT  
(Switched ignition)
- 2 Female – BLU/RED  
Male – BLK  
(Defogger ON output)



# Connector Views

## 47. C307

- Gray
- On bottom of under-hood fuse/relay box
- Connects left engine compartment wire harness to under-hood fuse/relay box



- 1 RED/YEL (Fuse 55)
- 2 WHT/BLU (Fuse 57)
- 3 WHT (Fuse 37)
- 4 WHT/GRN (Fuse 36)
- 5 GRN (Fuse 51)
- 6 BLU/YEL (Fuse 58)
- 7 WHT/YEL, WHT/YEL (Fuse 56)
- 8 BLU/RED (Fuse 53)
- 9 WHT/RED (Fuse 52)
- 10 RED/YEL (Fuse 54)
- 11 WHT (Fuse 50)

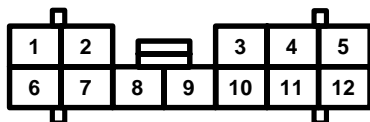


# Connector Views

## 48. C328

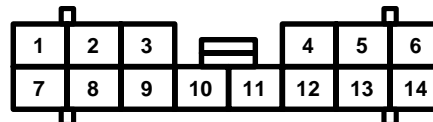
- Gray
- Behind left kick panel
- Connects left engine compartment wire harness to main wire harness

'96-'98:



- |  |  |
|--|--|
| 1 Canada: BLK/RED<br>(Fog lights)              | 6 RED/WHT<br>(A/C compressor controls) |
| 2 PNK (Back-up lights)                         | 7 LT GRN/BLK (Fans)                    |
| 3 GRN/BLK (Fans)                               | 8 WHT/BLK (Fuse 5)                     |
| 4 Female – GRN/BLK<br>Male – BLU/GRN<br>(Fans) | 9 BRN/YEL (Fog lights)                 |
| 5 WHT/BLU (Fuse 57)                            | 10 BRN/WHT (Cruise control)            |
|  | 11 BRN/BLK (Cruise control)            |
|  | 12 BRN (Cruise control)                |

'99-'04:



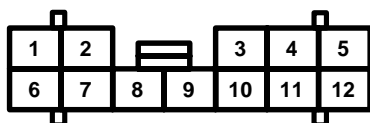
- |  |  |
|--|--|
| 1 WHT/RED (Security)   | 8 RED/WHT<br>(A/C compressor controls) |
| 2 Canada: BLK/RED (Fog lights)   | 9 LT GRN/BLK (Fans)                    |
| 3 PNK (Back-up lights)   | 10 WHT/BLK (Fuse 5)                    |
| 4 GRN/BLK (Fans)   | 11 BRN/YEL (Fog lights)                |
| 5 Male – BLU/GRN<br>Female – GRN/BLK<br>(Fans)   | 12 BRN/WHT (Cruise control)            |
| 6 WHT/BLU (Fuse 57)  | 13 BRN/BLK (Cruise control)            |
| 7 PNK<br>USA: (Headlight switch)<br>'99 Canada: (Headlight switch)<br>'00-'04 Canada: (Headlight switch) | 14 BRN (Cruise control)                |



# Connector Views

## 49. C404

- Blue
- Behind left kick panel
- Connects main wire harness to under-dash fuse/relay box



- |                    |                        |
|--------------------|------------------------|
| 1 —                | 9 —                    |
| 2 —                | 10 RED/WHT (PGM-FI)    |
| 3 WHT/BLK (Fuse 5) | 11 RED/WHT (PGM-FI)    |
| 4 —                | 12 '96-'98: YEL/GRN    |
| 5 —                | (Wiper/washer)         |
| 6 WHT/YEL (Fuse 4) | (Moonroof)             |
| 7 —                | '99-'04: WHT/RED (SRS) |
| 8 YEL (Fuse 13)    |                        |

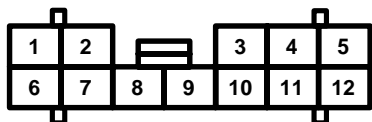


# Connector Views

## 50. C410

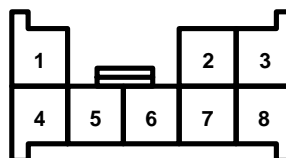
- Gray
- Above left kick panel
- Connects main wire harness to left side wire harness

**Except '02-'04 USA:**



- 1 '96-'99: BLK (TCS)
- 2 WHT/BLK (Interlock)
- 3 GRN (Interlock)
- 4 '96-'99 Canada: RED/BLU  
'96-'98 Canada: (Headlights)  
'99 Canada: (Headlights)  
'00-'04 Canada: YEL/BLU (Headlights)
- 5 '96-'99: BRN/WHT (TCS)
- 6 '96-'99: GRN (TCS)
- 7 '96-'99: BRN (TCS)
- 8 BLK/BLU (Interlock)
- 9 BLU/RED  
'99-'04 Canada: PNK  
'96-'98 Canada: (Headlights)  
'99-'04 Canada: (Headlights)  
'96-'98 USA: (Headlights)  
'99-'04 USA: (Headlights)
- 10 '96-'98 Canada: YEL/BLU(Headlights)  
'99-'04 Canada: RED/YEL  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)
- 11 '96-'98 Canada: WHT/BLU (Headlights)  
'99-'04 Canada: RED/BLK  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)
- 12 '96-'98 Canada: RED/GRN (Headlights)  
'99-'04 Canada: RED/BLU  
'99 Canada: (Headlights)  
'00-'04 Canada: (Headlights)

**'02-'04 USA:**



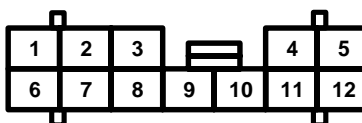
- 1 WHT/BLK (Interlock)
- 2 —
- 3 GRN (Interlock)
- 4 BLK/BLU (Interlock)
- 5 —
- 6 —
- 7 —
- 8 BLU/RED (Headlights)



# Connector Views

## 51. C430

- Gray
- Left of steering column
- Connects main wire harness and dashboard wire harness



- |  |                              |                              |
|--|------------------------------|------------------------------|
| 1 —  | 8 '96-'98: RED/GRN           | 10 USA: RED/BLU              |
| 2 —  | '96-'98 USA: (Headlights)    | '96-'98 USA: (Headlights)    |
| 3 YEL/BLK (Fuse 6)                           | '96-'98 Canada: (Headlights) | '99-'04 USA: (Headlights)    |
| 4 BLU/YEL (Cruise)                           | '99-'04 USA:                 | Canada: YEL/BLU              |
| 5 LT GRN                                     | Male – RED/BLK               | '96-'98 Canada: (Headlights) |
| '96-'98: (Cruise)                            | Female – RED/GRN             | '99 Canada: (Headlights)     |
| '99-'04: (Cruise)                            | (Headlights)                 | '00-'04 Canada: (Headlights) |
| 6 BLK/BLU (A/T gear position indicator)      | '99-'04 Canada: YEL/BLU      |                              |
| 7 '96-'98: RED (A/T gear position indicator) | '99 Canada: (Headlights)     | 11 —                         |
| '99-'04: PNK (Immobilizer system)            | '00-'04 Canada: (Headlights) | 12 BLK                       |
|  | 9 GRN/BLU (Safety indicator) | '96-'98: (G401)              |
|  |                              | '99-'04: (G251)              |

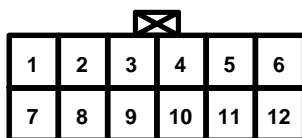




# Connector Views

## 52. Fan Control Unit

- Black
- Below right side of dash
- On main wire harness



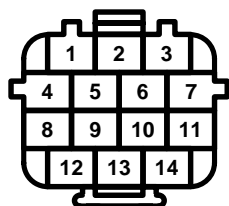
- 1 GRN/RED (Middle pressure switch input)
- 2 —
- 3 BLK (G402)
- 4 RED/WHT (High-low pressure switch input)
- 5 LT GRN/BLK (Radiator fan main relay control)
- 6 GRN/BLK (Sensor ground)
- 7 BLK/YEL (Ignition input)
- 8 PNK (A/C ON output)
- 9 —
- 10 BLU/ORN (Condenser fan relay control)
- 11 —
- 12 BLU/GRN (Radiator fan control sensor input)



# Connector Views

## 53. C101

- Gray
- Right rear of engine compartment
- Connects engine wire harness and main wire harness



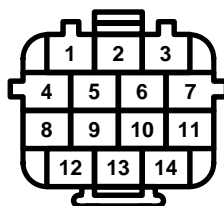
- |                    |                     |
|--------------------|---------------------|
| 1 BLU/WHT (VSS)    | 8 GRN/WHT (PGM-FI)  |
| 2 YEL (VSS)        | 9 RED/WHT (PGM-FI)  |
| 3 GRN (PGM-FI)     | 10 RED/BLU (PGM-FI) |
| 4 YEL/BLU (PGM-FI) | 11 WHT (PGM-FI)     |
| 5 RED/BLK (PGM-FI) | 12 RED/YEL (PGM-FI) |
| 6 WHT/BLK (PGM-FI) | 13 RED/GRN (PGM-FI) |
| 7 BRN/BLK (G101)   | 14 BLU/RED (PGM-FI) |



# Connector Views

## 54. C102

- Gray
- Right rear of engine compartment
- Connects engine wire harness and main wire harness



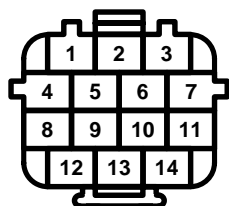
- |  |                     |
|--|---------------------|
| 1 YEL/BLK (PGM-FI)                       | 6 RED (PGM-FI)      |
| 2 BLK/BLU (PGM-FI)                       | 7 BRN (PGM-FI)      |
| 3 YEL/RED                                | 8 BLU (PGM-FI)      |
| '96: (Engine oil pressure indicator)     | 9 WHT/BLU (PGM-FI)  |
| '97-'03: (Engine oil pressure indicator) | 10 BLK/RED (PGM-FI) |
| '04: (Engine oil pressure indicator)     | 11 YEL (PGM-FI)     |
| 4 YEL/GRN (except '96-'02)               | 12 YEL (PGM-FI)     |
| '96-'97: (Gauge assembly)                | 13 YEL/BLU (PGM-FI) |
| '98-'02: (Gauge assembly)                | 14 BLK (G101)       |
| '03-'04: —                               |                     |
| 5 BLK/YEL (Fuse 20)                      |                     |



# Connector Views

## 55. C103

- Blue
- Right rear of engine compartment
- Connects engine wire harness and main wire harness



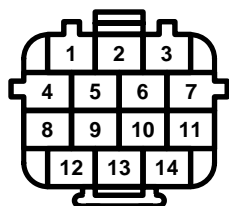
- 1 GRN/BLK (PGM-FI)
- 2 RED (A/C compressor controls)
- 3 BLK/YEL (PGM-FI)
- 4 WHT/RED (PGM-FI)
- 5 BLK/WHT (PGM-FI)
- 6 WHT (PGM-FI)
- 7 GRN/RED (PGM-FI)
- 8 BLU (PGM-FI)
- 9 YEL (PGM-FI)
- 10 BLU/RED (PGM-FI)
- 11 YEL/RED (PGM-FI)
- 12 RED/BLU (PGM-FI)
- 13 YEL (PGM-FI)
- 14 BRN/BLK (G101)



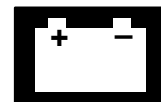
# Connector Views

## 56. C104

- Blue
- Right rear of engine compartment
- Connects engine wire harness and main wire harness



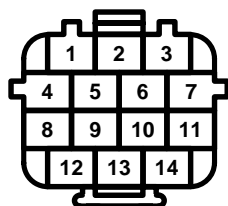
- 1 WHT/BLU (Charging system)
- 2 BLK (G101)
- 3 YEL/RED (PGM-FI)
- 4 LT GRN (PGM-FI)
- 5 RED/YEL (PGM-FI)
- 6 WHT/RED (Charging system)
- 7 WHT/GRN (Fuse 15)
- 8 RED (Ignition system)
- 9 GRY (Ignition system)
- 10 PNK (Ignition system)
- 11 YEL/BLK (PGM-FI)
- 12 GRN (Ignition system)
- 13 BLU (Ignition system)
- 14 BRN (Ignition system)



# Connector Views

## 57. C114

- Gray
- Right front of engine
- Engine wire harness junction connector



1 BLK/YEL (PGM-FI)	8 GRN/BLU (PGM-FI)
2 BLK/YEL (PGM-FI)	9 GRN/BLK (PGM-FI)
3 BLK/YEL (PGM-FI)	10 GRN/BLU (PGM-FI)
4 BLK/YEL (PGM-FI)	11 GRN/BLK (PGM-FI)
5 BLK/YEL (PGM-FI)	12 GRN/BLU (PGM-FI)
6 BLK/YEL (PGM-FI)	13 GRN/BLU (PGM-FI)
7 BLK/YEL (PGM-FI)	14 GRN/BLU (PGM-FI)

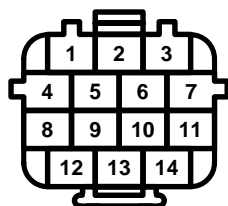
Terminals grouped together are connected by the same bus bar.



# Connector Views

## 58. C171

- Gray
- Left rear corner of engine compartment
- Connects A/T sub-harness to left engine compartment wire harness



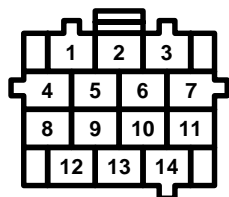
- |                          |                           |
|--------------------------|---------------------------|
| 1 YEL (A/T controls)     | 8 RED (A/T controls)      |
| 2 —                      | 9 WHT (A/T controls)      |
| 3 GRN/BLK (A/T controls) | 10 GRN (A/T controls)     |
| 4 GRN/WHT (A/T controls) | 11 BLU (A/T controls)     |
| 5 BLU/YEL (A/T controls) | 12 —                      |
| 6 RED (A/T controls)     | 13 BRN/BLK (A/T controls) |
| 7 WHT (A/T controls)     | 14 —                      |



# Connector Views

## 59. C181 ('96-'97)

- Orange
- Right rear of engine compartment
- Connects ABS modulator unit wire harness to main wire harness



- |                    |                     |
|--------------------|---------------------|
| 1 YEL/BLK (ABS)    | 8 Female – WHT/BLK  |
| 2 YEL/WHT (ABS)    | Male – BRN/BLK      |
| 3 YEL/BLU (ABS)    | (ABS)               |
| 4 YEL (ABS)        | 9 Female – WHT      |
| 5 Female – GRY/BLK | Male – BLU/BLK      |
| Male – BRN/BLK     | (ABS)               |
| (ABS)              | 10 Female – WHT/BLU |
| 6 Female – GRY/WHT | Male – BRN/BLK      |
| Male – BLU/BLK     | (ABS)               |
| (ABS)              | 11 BLK (ABS)        |
| 7 Female – GRY/BLU | 12 RED/BLK (ABS)    |
| Male – BLU/BLK     | 13 RED/WHT (ABS)    |
| (ABS)              | 14 RED/BLU (ABS)    |

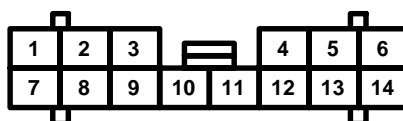




# Connector Views

## 60. C405

- Blue
- Behind left kick panel
- Connects main wire harness to under-dash fuse/relay box



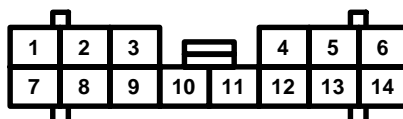
- |   |                              |
|---|------------------------------|
| 1 '96-'99: GRN/RED (Brake system indicator) | 6 Canada: RED/BLU            |
| '00-'04: GRN/WHT (Brake system indicator)   | '96-'98 Canada: (Headlights) |
| 2 BLK/YEL (Fuse 20)                         | '99-'04 Canada: (Headlights) |
| 3 BLU/RED (PGM-FI)                          | 7 Canada: RED/BLK            |
| 4 WHT/YEL                                   | '96-'98 Canada: (Headlights) |
| '97-'97: (Power windows)                    | '99-'04 Canada: (Headlights) |
| '98: (Power windows)                        | 8 —                          |
| '99-'01: (Power windows)                    | 9 BLU/RED (PGM-FI)           |
| '02-'04: (Power windows)                    | 10 —                         |
| 5 WHT/BLU (Fuse 16)                         | 11 —                         |
|   | 12 —                         |
|   | 13 '99-'04: WHT/BLU (Fuse 9) |
|   | 14 WHT/GRN (Fuse 15)         |



# Connector Views

## 61. C409

- Gray
- Behind left kick panel
- Connects main wire harness and left side wire harness



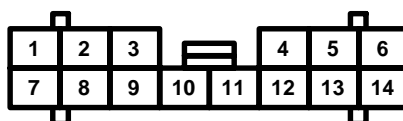
- |  |  |  |
|--|--|--|
| 1 BLU<br>'96-'97: (Seat heater)<br>'98: (Seat heater)<br>'99-'04: (Seat heater)  | 5 USA: RED/GRN<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)   | 9 GRN/BLK (Back-up lights)   |
| 2 GRN<br>'96-'97: (Seat heater)<br>'98: (Seat heater)<br>'99-'04: (Seat heater)  | 6 USA: YEL/BLK<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)   | 10 GRN/RED<br>'96-'99 USA: (Brake system indicator)<br>'96-'99 Canada: (Brake system indicator)<br>'00-'04: (Brake system indicator) |
| 3 USA: GRN/YEL<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)   | 7 Bose: BLK/RED<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard: WHT (Stereo sound system) | 11 BLU/WHT<br>(Entry light control)<br>(Security system)   |
| 4 '96-'01 USA: GRN/BLU<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)<br>'00-'04 Canada: YEL/BLU (Headlights) | 8 Bose: LT GRN<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard: ORN (Stereo sound system)  | 12 WHT/YEL (Fuse 56)   |
|  |  | 13 BLU/GRN (Security)  |
|  |  | 14 '99-'04: BLU (SRS)  |



# Connector Views

## 62. C429

- Gray
- Left of steering column
- Connects main wire harness to combination switch sub-harness



- |  |   |  |   |
|--|---|--|---|
| 1 '96-'99: WHT/BLU (TCS)<br>'00-'04: Male – YEL<br>Female – RED/BLU<br>(VSA)                             | 4 BLU<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)   | 7 '96-'99: BLU (TCS)<br>'00-'04: Male – RED/BLU<br>Female – RED/WHT<br>(VSA)               | 11 GRN<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)                                |
| 2 GRN/WHT<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)  | 5 BLU/YEL<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)   | 8 GRN/YEL<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)                            | 12 WHT<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)                                |
| 3 '96-'98:<br>Female – GRN/BLK<br>Male – YEL/GRN<br>(Wiper/washer)<br>'99-'04: GRN/BLK<br>(Wiper/washer) | 6 '96-'99:<br>Male – BRN/YEL<br>Female – WHT<br>(TCS)<br>'00-'01: PNK (VSA)<br>'02-'04: Male – PNK<br>Female – WHT<br>(VSA) | 9 '96-'99 Canada: PNK/BLK<br>(Fog lights)<br>'00-'04: Male – GRY/WHT<br>Female – BLK (VSA) | 13 BLK/WHT<br>'96-'98: (Wiper/washer)<br>'99-'04: (Wiper/washer)                            |
|  |   | 10 BLK (G401)  | 14 '96-'99: GRY (TCS)<br>'00-'01: WHT (VSA)<br>'02-'04: Male – WHT<br>Female – PNK<br>(VSA) |



# Connector Views

## 63. Automatic Lighting Control Unit

- Green
- Left front corner of trunk
- On left side wire harness



### '96-'98:

- 1 RED/YEL (Automatic lighting sensor)
- 2 BLK/YEL (Ignition input)
- 3 YEL/BLK (Ignition input)
- 4 YEL/GRN (Automatic lighting sensor)
- 5 BLU/RED (Headlight relay control)
- 6 —
- 7 BRN (Automatic lighting sensor)
- 8 BLK (G651)
- 9 BLK (G401)
- 10 WHT/YEL (Fuse 56)
- 11 —
- 12 GRN/BLU (Driver's door switch input)
- 13 GRN/YEL (Headlight switch input)
- 14 RED/GRN (Taillight relay control)

### '99-'04:

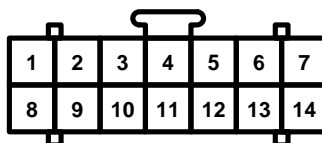
- 1 RED/YEL (Automatic lighting sensor)
- 2 BLK/YEL (Ignition input)
- 3 YEL/BLK (Ignition input)
- 4 YEL/GRN (Automatic lighting sensor)
- 5 BLU/RED (Headlight relay control)
- 6 —
- 7 BRN (Automatic lighting sensor)
- 8 BLK (G651)
- 9 BLK (G251)
- 10 WHT/YEL (Fuse 56)
- 11 —
- 12 GRN/BLU (Driver's door switch input)
- 13 GRN/YEL (Headlight switch input)
- 14 RED/GRN (Taillight relay control)



# Connector Views

## 64. Cruise Control Unit

- Blue
- Right of steering column
- On main wire harness



- 1 BRN/WHT (Actuator control)
- 2 GRY  
'96-'98: (Brake switch input)  
'99-'04: (Brake switch input)
- 3 BLK (G401)
- 4 —
- 5 GRN/WHT  
'96-'98: (Brake switch input)  
'99-'04: (Brake switch input)
- 6 LT GRN/RED  
'96-'98: (Set/decel input)  
'99-'04: (Set/decel input)

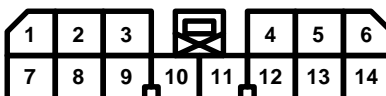
- 7 LT GRN/BLK  
'96-'98: (Resume/accel input)  
'99-'04: (Resume/accel input)
- 8 '00-'04: ORN (Cruise control signal output)
- 9 BRN (Actuator control)
- 10 BLU/YEL (Cruise control indicator control)
- 11 BRN/BLK (Actuator control)
- 12 BLU/WHT (VSS input)
- 13 LT GRN  
'96-'98: (Main switch input)  
'99-'04: (Main switch input)
- 14 PNK (Disengage input)



# Connector Views

## 65. Daytime Running Lights Control Unit (Canada)

- Left front corner of trunk
- On left side wire harness



### '96-'98:

- 1 YEL/BLU (High beam/DRL mode control)
- 2 RED/BLU (Fuse 10)
- 3 WHT/BLU (Dimmer relay input)
- 4 BLK (G401)
- 5 WHT/BLU (Dimmer relay input)
- 6 GRN/WHT (Parking brake input)
- 7 BLK (G651)
- 8 BLU/RED (Headlights ON input)
- 9 YEL (DRL indicator control)
- 10 RED/GRN (DRL output)
- 11 RED/BLU (High beam/DRL mode control)
- 12 YEL/RED (Ignition input)
- 13 GRN/RED (Brake indicator control)
- 14 —

### '99-'04:

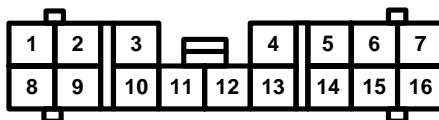
- 1 YEL/BLU  
'99: (High beam/DRL mode control)  
'00-'04: (High beam/DRL mode control)
- 2 RED/BLU (Fuse 10)
- 3 RED/BLK  
'99: (High beam relay input)  
'00-'04: (High beam relay input)
- 4 BLK (G251)
- 5 RED/YEL  
'99: (High beam relay input)  
'00-'04: (High beam relay input)
- 6 GRN/RED (Parking brake input)
- 7 BLK (G651)
- 8 PNK (Headlights ON input)
- 9 YEL (DRL indicator control)
- 10 RED/BLU  
'99: (DRL output)  
'00-'04: (DRL output)
- 11 RED/BLU  
'99: (High beam/DRL mode control)  
'00-'04: (High beam/DRL mode control)
- 12 YEL/RED (Ignition input)
- 13 GRN/RED (Brake indicator control)
- 14 —



# Connector Views

## 66. C331

- Blue
- Behind left kick panel
- Connects left engine compartment wire harness to under-dash fuse/relay box



- 1 WHT/GRN (Turn signal and hazard warning lights)
- 2 YEL (Fuse 13)
- 3 BLK/YEL (Fans)
- 4 BLK/YEL (Fans)
- 5 BLK/YEL (Fans)
- 6 —
- 7 —
- 8 —
- 9 —
- 10 BLK/YEL (Climate control)

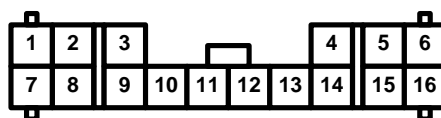
- 11 '96-'98: YEL/GRN (Wiper/washer)
- 12 —
- 13 WHT/YEL (Multiplex control)
- 14 '96-'99: GRN/RED  
'96-'99 USA: (Brake system indicator)  
'96-'99 Canada: (Brake system indicator)  
'00-'04: GRN/WHT (Brake system indicator)
- 15 —
- 16 PNK/BLU  
'96-'98: (Turn signal lights)  
'99-'04: (Turn signal lights)



# Connector Views

## 67. C443

- Blue
- Behind right kick panel
- Connects main wire harness to right side wire harness



- |  |  |   |  |
|--|--|---|--|
| 1 WHT<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation)                         | 6 WHT/BLU (Charging)<br>7 RED<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation) | 10 BLU<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation)     | 13 WHT<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)                                 |
| 2 GRN/BLK (Back-up lights)   | 8 YEL<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation)                         | 11 BRN/YEL<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation) | 14 ORN<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: PNK (Navigation)        |
| 3 Except '02 USA: WHT/YEL<br>'96-'99: (Navigation)<br>'00-'01: (Navigation)<br>'04: GRY (Navigation) | 9 BRN<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation)                         | 12 BLK<br>'96-'99: (Navigation)<br>'00-'03: (Navigation)<br>'04: (Navigation)     | 15 '96-'99: BLU (Navigation)   |
| 4 Except '02 USA: WHT/YEL<br>'96-'99: (Navigation)<br>'00-'01: (Navigation)<br>'04: BLU (Navigation) |  |   | 16 '96-'99: PNK (Navigation)<br>'00-'03: LT GRN (Navigation)<br>'04: LT BLU (Navigation) |
| 5 BLU/WHT<br>(Vehicle speed sensor)  |  |   |  |

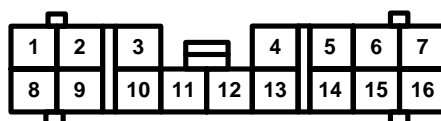




# Connector Views

## 68. C504

- Gray
- Left of steering column
- Connects dashboard wire harness and left side wire harness



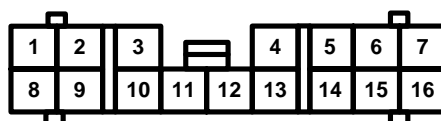
- |   |  |
|---|--|
| 1 BLU/BLK (Dash and console lights)               | 8 LT GRN (Dash and console lights)             |
| 2 —   | 9 WHT/GRN                                      |
| 3 '00-'04: GRN/RED (Brake system indicator light) | '96-'98: (Brake lights)                        |
| 4 BLU/GRN   | '99-'01: (Brake lights)                        |
| '96-'03: (Low fuel indicator light)               | 10 GRN/BLK (Safety indicator)                  |
| '04: (Low fuel indicator light)                   | 11 GRN/YEL (Safety indicator)                  |
| 5 USA: BRN  | 12 RED/BLU (Seat belt reminder)                |
| '96-'98 USA: (Headlights)                         | 13 '96-'03: BLU/RED (Low fuel indicator light) |
| '99-'04 USA: (Headlights)                         | '04: BLK (Low fuel indicator light)            |
| 6 USA: RED/YEL                                    | 14 '00-'04: YEL/BLU (VSA)                      |
| '96-'98 USA: (Headlights)                         | 15 '96-'99: BLU/GRY (TCS)                      |
| '99-'04 USA: (Headlights)                         | 16 WHT/BLK                                     |
| 7 USA: YEL/GRN                                    | '96-'99: (TCS)                                 |
| '96-'98 USA: (Headlights)                         | '00-'04: (VSA)                                 |
| '99-'04 USA: (Headlights)                         |  |
| Canada: YEL                                       |  |
| '96-'98 Canada: (Headlights)                      |  |
| '99-'04 Canada: (Headlights)                      |  |



# Connector Views

## 69. C670

- Gray
- Left front corner of trunk
- Connects left side wire harness and rear wire harness



- 1 '99-'01: YEL  
'02-'03: Male – YEL/GRN  
Female – YEL  
'04: Male – YEL  
Female – YEL/GRN  
(Brake lights)
- 2 BLK/YEL (PGM-FI)
- 3 '96-'98: YEL (PGM-FI)
- 4 GRN/ORN (Security)
- 5 BLU/GRN (Security)
- 6 —
- 7 '99-'04: YEL (PGM-FI)
- 8 GRN/WHT  
'96-'98: (Brake lights)  
'99-'04: (Brake lights)

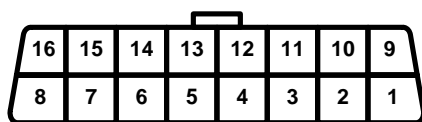
- 9 GRN/YEL  
'96-'98: (Turn signal lights)  
'99-'04: (Turn signal lights)
- 10 PNK/BLU  
'96-'98: (Turn signal lights)  
'99-'04: (Turn signal lights)
- 11 WHT/GRN  
'96-'98: (Brake lights)  
'99-'04: (Brake lights)
- 12 GRN/BLK (Safety indicator)
- 13 WHT/BLK (Trunk opener)
- 14 GRN/BLK (Back-up lights)
- 15 WHT/BLU (Trunk light)
- 16 '96-'98: RED/YEL (Taillights)  
'99-'04: RED/BLK (Taillights)



# Connector Views

## 70. Data Link Connector (DLC)

- Gray
- Below ashtray
- On main wire harness



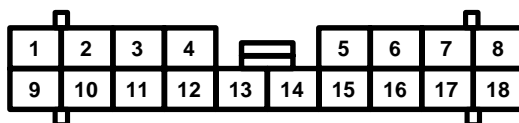
- |                      |                    |
|----------------------|--------------------|
| 1 '00-'04: RED (VSA) | 8 YEL/BLK (Fuse 6) |
| 2 —                  | 9 —                |
| 3 —                  | 10 —               |
| 4 —                  | 11 —               |
| 5 —                  | 12 BLK (G402)      |
| 6 RED                | 13 BRN/BLK (G101)  |
| '96-'98: (SRS)       | 14 —               |
| '99-'04: (SRS)       | 15 LT GRN (PGM-FI) |
| 7 —                  | 16 —               |



# Connector Views

## 71. C201

- Gray
- Behind blower unit
- Connects right engine compartment wire harness and main wire harness



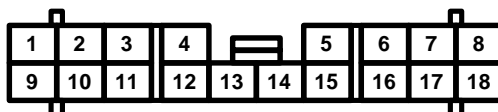
- |                              |  |
|------------------------------|--|
| 1 GRN/ORN (Security system)  | 14 RED/BLK                                 |
| 2 GRN/RED (A/C)              | '96-'98: (Side marker lights)              |
| 3 RED/WHT (A/C)              | '99-'04: (Side marker lights)              |
| 4 BLU/RED                    | 15 '96-'98: RED/YEL (Front parking lights) |
| '96-'97: (Horns)             | 16 RED/GRN                                 |
| '98: (Horns)                 | '96-'98 USA: (Headlights)                  |
| '99-'04: (Horns)             | '99-'04 USA: (Headlights)                  |
| 5 YEL/BLK (A/C)              | '96-'98 Canada: (Headlights)               |
| 6 PNK/BLU (A/C)              | '00-'04 Canada: (Headlights)               |
| 7 BRN/WHT (A/C)              | 17 GRN                                     |
| 8 PNK (Power door locks)     | '96-'97: (ABS)                             |
| 9 WHT (Ignition system)      | '98-'99: (ABS)                             |
| 10 RED (Ignition system)     | '00-'04: (VSA)                             |
| 11 BLU (Ignition system)     | 18 GRN/BLK                                 |
| 12 YEL (Ignition system)     | '96-'97: (ABS)                             |
| 13 BLK/YEL (Ignition system) | '98-'99: (ABS)                             |
|                              | '00-'04: (VSA)                             |



# Connector Views

## 72. C326

- Gray
- Behind left kick panel
- Connects left engine compartment wire harness and main wire harness



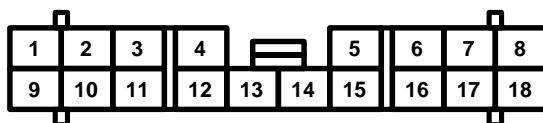
- |  |   |   |
|--|---|---|
| <p>1 '96-'97: WHT/BLK (ABS)<br/>'99-'04: GRN/BLK (Wiper/washer)</p> <p>2 '96-'99: YEL/GRN<br/>'96-'97: (ABS)<br/>'98-'99: (ABS)<br/>'00-'04: BLU (VSA)</p> <p>3 GRN/BLU<br/>'96-'97: (ABS)<br/>'98-'99: (ABS)<br/>'00-'04: (VSA)</p> <p>4 BRN<br/>'96-'97 (ABS)<br/>'98-'99: (ABS)<br/>'00-'04: (VSA)</p> <p>5 RED/GRN<br/>'96-'98 USA: (Headlights)<br/>'99-'04 USA: (Headlights)<br/>'96-'98 Canada: (Headlights)<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> <p>6 RED/BLK<br/>'96-'98 USA: (Headlight switch)<br/>'99-'04 USA: (Headlight switch)<br/>'99 Canada: (Headlight switch)<br/>'00-'04 Canada: (Headlight switch)</p> | <p>7 '96-'98: RED/YEL (Headlight switch)<br/>'99-'04: RED/BLK (Headlight switch)</p> <p>8 '96-'99: RED/WHT (PGM-FI)</p> <p>9 BLK/WHT<br/>'96-'99: (TCS)<br/>'00-'04: (VSA)</p> <p>10 BRN/WHT<br/>'96-'99: (TCS)<br/>'00-'04: (VSA)</p> <p>11 BLK/YEL (Fuse 20)</p> <p>12 BLU/RED<br/>'96-'98 USA: (Headlights)<br/>'99-'04 USA: (Headlights)<br/>'96-'98 Canada: (Headlights)<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> <p>13 All except '00-'04 Canada: RED/BLU<br/>'00-'04 Canada:<br/>Male – RED/BLU<br/>Female – RED/YEL<br/>'96-'98 USA: (Headlights)<br/>'99-'04 USA: (Headlights)<br/>'96-'98 Canada: (Headlights)<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> | <p>14 WHT/YEL (Fuse 39)</p> <p>15 '96-'98: ORN<br/>'96-'98 USA: (Headlight switch)<br/>'96-'98 Canada: (Headlight switch)<br/>'96-'98 USA: (Security system)<br/>'96-'98 Canada: (Security system)<br/>'99-'04: YEL (Security system)</p> <p>16 RED/GRN<br/>'96-'98: (Taillights)<br/>'99-'04: (Taillights)</p> <p>17 '96-'98 Canada: WHT/BLU (Headlights)<br/>'99-'04 Canada: RED/BLU<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> <p>18 '96-'98 Canada: YEL/BLU (Headlights)<br/>'99-'04 Canada: RED/YEL<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> |
|--|---|---|



# Connector Views

## 73. C413

- Gray
- Left of steering column
- Connects main wire harness to left side wire harness



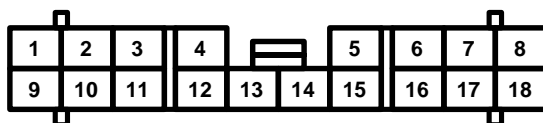
- |                                     |                         |                      |
|-------------------------------------|-------------------------|----------------------|
| 1 WHT/BLU (Fuse 57)                 | 8 GRN/WHT               | 11 GRY               |
| 2 '96-'98: RED/YEL (Taillights)     | '96-'98: (Brake lights) | '96-'97: (ABS)       |
| '99 Canada: YEL/BLU (Headlights)    | '99-'04: (Brake lights) | '98-'99: (ABS)       |
| '00-'04: YEL/BLU (PGM-FI)           | '96-'99: (TCS)          | '00-'04: (VSA)       |
| 3 LT GRN/BLK (Door courtesy lights) | 9 BLU/YEL               | 12 LT BLU            |
| 4 WHT/BLK (Trunk opener)            | '96-'97: (ABS)          | '96-'97: (ABS)       |
| 5 BLK/GRN                           | '98-'99: (ABS)          | '98-'99: (ABS)       |
| '96-'97: (Power windows)            | '00-'04: (VSA)          | '00-'04: (VSA)       |
| '98: (Power windows)                | 10 GRN/YEL              | 13 GRN (PGM-FI)      |
| '99-'01: (Power windows)            | '96-'97: (ABS)          | 14 YEL (PGM-FI)      |
| '02-'04: (Power windows)            | '98-'99: (ABS)          | 15 RED/WHT (Fuse 11) |
| 6 YEL/RED (Power door locks)        | '00-'04: (VSA)          | 16 LT GRN/RED (DPMS) |
| 7 WHT/RED (Power door locks)        |                         | 17 BLK/WHT (DPMS)    |
|                                     |                         | 18 RED/WHT (PGM-FI)  |



# Connector Views

## 74. C651

- Blue
- On under-dash fuse/relay box
- Connects left side wire harness and under-dash fuse/relay box



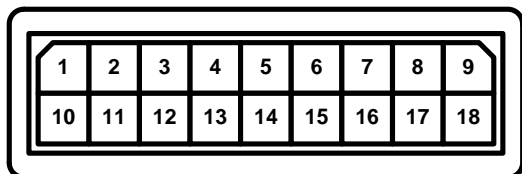
1	BLK	11	RED/BLK
	'96-'98: (G401)		'96-'98: (Ashtray lights)
	'99-'04: (G251)		'99-'04: (Ashtray lights)
2	—	12	—
3	BLK	13	GRN/YEL
	'96-'98: (G401)		'96-'98: (Turn signal lights)
	'99-'04: (G251)		'99-'04: (Turn signal lights)
4	BLK	14	—
	'96-'98: (G401)	15	WHT/RED (DPMS)
	'99-'04: (G251)	16	—
5	—	17	PNK/BLU
6	—		'96-'98: (Turn signal lights)
7	BLK/YEL (Fuse 20)		'99-'04: (Turn signal lights)
8	—	18	WHT/BLK
9	YEL (Seat belt tension reducer)		'96-'97: (Power windows)
10	—		'98: (Power windows)
			'99-'01: (Power windows)
			'02-'04: (Power windows)



# Connector Views

## 75. SRS Unit

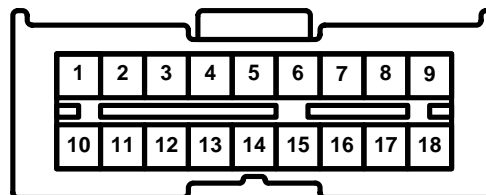
- Yellow
- Behind audio unit



### '96-'98:

- On SRS main wire harness

- 1 GRY or GRN (Driver's inflator)
- 2 —
- 3 GRY or GRN (Fuse 7)
- 4 GRY or GRN (Driver's seat belt tensioner)
- 5 GRY or GRN (Frt. pass. seat belt tensioner)
- 6 GRY or GRN (SRS indicator control)
- 7 GRY (Fuse 22)
- 8 GRY or GRN (MES)
- 9 GRY or GRN (Service check connector input)
- 10 GRY or GRN (Frt. pass. inflator)
- 11 GRY or GRN (Driver's seat belt tensioner)
- 12 GRY or GRN (Frt. pass. seat belt tensioner)
- 13 GRY or GRN (Driver's inflator)
- 14 GRY or GRN (Frt. pass inflator)
- 15 GRY or GRN (DLC input/output)
- 16 GRY or GRN (G801)
- 17 GRY or GRN (G801)
- 18 GRY or GRN (MES)



### '99-'04:

#### Connector A

- On SRS main wire harness

- 1 GRN or GRY (Fuse 22)
- 2 GRN (Fuse 7)
- 3 GRN (Service check connector input)
- 4 GRN (SRS indicator control)
- 5 GRN (DLC input/output)
- 6 GRN (MES)
- 7 GRN (Frt. pass. 2nd inflator)
- 8 GRN (Frt. pass. 1st inflator)
- 9 GRN (Driver's inflator)
- 10 GRN (Dr. seat belt switch input)
- 11 GRN (Dr. seat belt switch input)
- 12 GRN (Frt. pass. seat belt switch input)
- 13 GRN (Frt. pass. seat belt switch input)
- 14 GRN (G801)
- 15 GRN (G801)
- 16 GRN (Frt. pass. 2nd inflator)
- 17 GRN (Frt. pass. 1st inflator)
- 18 GRN (Driver's inflator)

#### Connector B

- On SRS floor wire harness

- 1 GRN (Dr. side impact sensor)
- 2 GRN (Dr. side inflator)
- 3 GRN (Frt. pass. side inflator)
- 4 GRN (Dr. side seat belt tensioner)
- 5 GRN (Dr. side seat belt tensioner)
- 6 GRN (Frt. pass. seat belt tensioner)
- 7 GRN (Dr. side impact sensor)
- 8 GRN (Frt. pass. side impact sensor)
- 9 GRN (Frt. pass. side impact sensor)
- 10 GRN (OPDS unit input)
- 11 GRN (Frt. pass. side impact sensor)
- 12 GRN (Dr. side impact sensor)
- 13 GRN (Dr. side impact sensor)
- 14 GRN (Frt. pass. side impact sensor)
- 15 GRN (Frt. pass. side inflator)
- 16 GRN (Dr. side inflator)
- 17 GRN (Frt. pass. seat belt tensioner)
- 18 '02-'04 USA: GRN (OnStar system)

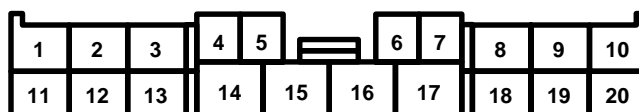




# Connector Views

## 76. C325

- Gray
- Behind left kick panel
- Connects left engine compartment wire harness to main wire harness



- |   |  |   |
|---|--|---|
| <p>1 RED/BLU<br/>'96-'98 USA: (Headlights)<br/>'99-'04 USA: (Headlights)<br/>'96-'98 Canada: (Headlights)<br/>'99 Canada: (Headlights)<br/>'00-'04 Canada: (Headlights)</p> <p>2 '98-'04:<br/>Female – BLU/ORN<br/>Male – ORN<br/>'98: (Horns)<br/>'99-'04: (Horns)</p> <p>3 LT GRN<br/>'96-'98 USA: (Fog lights)<br/>'99-'04 USA: (Fog lights)<br/>Canada: (Fog lights)</p> <p>4 RED (A/C compressor controls)</p> <p>5 '96-'97: BRN/BLK (ABS)<br/>'98-'04: GRN/WHT<br/>'98: (Power windows)<br/>'99-'01: (Power windows)<br/>'02-'04: (Power windows)</p> | <p>6 WHT (Fuse 44)</p> <p>7 '98-'04: BLU/RED<br/>'98: (Horns)<br/>'99-'04: (Horns)</p> <p>8 '98-'99: BRN/BLK (ABS)<br/>'00-'04: WHT/GRN (VSA)</p> <p>9 WHT/RED<br/>'96-'97: (Gauge assembly)<br/>'98-'03: (Gauge assembly)<br/>'04: (Gauge assembly)</p> <p>10 '96-'98: RED/YEL<br/>(Fuse 54 – Under-hood)</p> <p>11 '98: BLK/RED (Seat heater)<br/>'99-'04: BLU/WHT (Accessory power socket)</p> <p>12 '96-'99: PNK/BLK (PGM-FI)<br/>'00-'04: YEL (VSA)</p> | <p>13 '96-'97: GRY/BLK (Power windows)<br/>'99-'04: WHT/BLU (Accessory power socket)</p> <p>14 '96-'97: BLK/GRN (Power windows)<br/>'99-'04: WHT/YEL (Accessory power socket)</p> <p>15 WHT<br/>'96-'98: (Wiper/washer)<br/>'99-'04: (Wiper/washer)</p> <p>16 GRN (Moonroof)</p> <p>17 WHT/RED (Power seat)</p> <p>18 GRN/RED<br/>'96-'98: (Wiper/washer)<br/>'99-'04: (Wiper/washer)</p> <p>19 —</p> <p>20 '96-'97: BLU/BLK (ABS)<br/>'98-'99: BRN/BLK (ABS)</p> |
|---|--|---|

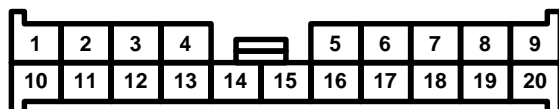


# Connector Views

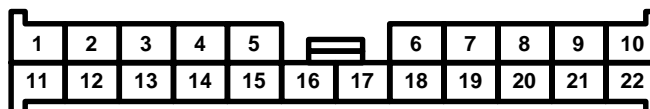
## 77. C415

- Gray
- Left of steering column
- Connects main wire harness to combination switch sub-harness

All except '00-'04 Canada:



'00-'04 Canada:



- |   |  |
|---|--|
| 1 '96-'03 USA: BRN/WHT<br>(Not used)<br>'96-'98 Canada: BRN/YEL<br>'99-'03: RED/BLU<br>'96-'98: (Headlights)<br>'99-'04: (Headlights)<br>'96-'99: Canada: (Fog lights)<br>'04 USA: Male – GRN<br>Female – BRN/WHT<br>(Navigation system)  | 13 Male – BLK<br>Female – BLK/GRN<br>(DPMS)<br>14 BLU/BLK (DPMS)<br>15 Male – BLU/ORN<br>Female – BLU/WHT<br>(DPMS)<br>16 Male – LT BLU<br>Female – BRN<br>(DPMS)<br>17 '96-'98: LT GRN/BLK (Cruise)<br>'99-'04: Male – ORN<br>Female – LT GRN/BLK<br>(Cruise)<br>18 '96-'98: LT GRN/RED (Cruise)<br>'99-'03: Male – WHT/BLU<br>Female – LT GRN/RED<br>(Stereo sound system)<br>'04: Male – LT BLU<br>Female – BRN<br>(DPMS)<br>19 '96-'98:<br>Male – WHT/BLU<br>Female – GRN/RED<br>'96-'98 Standard:<br>(Stereo sound system)<br>'96 Bose: (Stereo sound system)<br>'97-'98 Bose:<br>(Stereo sound system)<br>'99-'04:<br>Male – LT GRN/RED<br>Female – GRN/RED<br>(Cruise)<br>20 '96-'98: ORN (Cruise)<br>'99-'04:<br>Male – LT GRN/BLK<br>Female – ORN<br>(Cruise)   |
| 2 RED/BLU<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)<br>'96-'98 Canada: (Headlights)<br>'99 Canada: (Headlights)<br>3 BLU/RED<br>'96-'98 USA: (Headlights)<br>'99-'04 USA: (Headlights)<br>'96-'98 Canada: (Headlights)<br>'99 Canada: (Headlights)<br>4 BLK<br>'96-'98: (G401)<br>'99: (G401)<br>5 USA: GRN/YEL<br>'96-'98 USA: (Headlight switch)<br>'99-'04 USA: (Headlight switch)<br>Canada: RED/BLK<br>'96-'98 Canada: (Headlight switch)<br>'99 Canada: (Headlight switch)<br>6 RED/GRN (Taillights)<br>7 GRN/WHT (Turn signal lights)<br>8 BLK/RED (Turn signal lights)<br>9 BLK/YEL (Turn signal lights)<br>10 RED (DPMS)<br>11 RED/BLK (DPMS)<br>12 Male – YEL/BLU<br>Female – YEL<br>(DPMS) | 1 PNK/BLK (Fog lights)<br>2 BRN/YEL (Fog lights)<br>3 RED/BLU (Headlights)<br>4 BLU/RED (Headlights)<br>5 BLK (G401)<br>6 Male – RED/BLK<br>Female – RED/YEL<br>(Headlight switch)<br>7 RED/GRN (Taillights)<br>8 GRN/WHT (Turn signal lights)<br>9 BLK/RED (Turn signal lights)<br>10 BLK/YEL (Turn signal lights)<br>11 —<br>12 RED (DPMS)<br>13 RED/BLK (DPMS)<br>14 Male – YEL/BLU<br>Female – YEL<br>(DPMS)<br>15 Male – BLK<br>Female – BLK/GRN<br>(DPMS)<br>16 BLU/BLK (DPMS)<br>17 Male – BLU/ORN<br>Female – BLU/WHT<br>(DPMS)<br>18 Male – LT BLU<br>Female – BRN<br>(DPMS)<br>19 Male – ORN<br>Female – LT GRN/BLK<br>(Cruise)<br>20 Male – WHT/BLU<br>Female – LT GRN/RED<br>(Stereo sound system)<br>21 Male – LT GRN/RED<br>Female – GRN/RED<br>(Cruise)<br>22 Male – LT GRN/BLK<br>Female – ORN<br>(Cruise) |



# Connector Views

## 78. C421

- Black
- At base of steering column
- Main wire harness junction connector

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1 BLK/YEL (Fuse 20)	11 LT GRN/RED (DPMS)	17 GRN/RED
2 BLK/YEL (Fuse 20)	12 LT GRN/RED (DPMS)	'96-'99 USA: (Brake system indicator)
3 BLK/YEL (Fuse 20)	13 LT GRN/RED (DPMS)	'96-'99 Canada: (Brake system indicator)
4 BLK/YEL (Fuse 20)		'00-'04: (Brake system indicator)
5 BLK/YEL (Fuse 20)	14 BLK/WHT (DPMS)	18 GRN/RED
6 BLK/YEL (Fuse 20)	15 BLK/WHT (DPMS)	'96-'99 USA: (Brake system indicator)
	16 BLK/WHT (DPMS)	'96-'99 Canada: (Brake system indicator)
		'00-'04: (Brake system indicator)
7 WHT/YEL (Fuse 39)		19 GRN/RED
8 WHT/YEL (Fuse 39)		'96-'99 USA: (Brake system indicator)
9 WHT/YEL (Fuse 39)		'96-'99 Canada: (Brake system indicator)
10 WHT/YEL (Fuse 39)		'00-'04: (Brake system indicator)
		20 GRN/RED
		'96-'99 USA: (Brake system indicator)
		'96-'99 Canada: (Brake system indicator)
		'00-'04: (Brake system indicator)

Terminals grouped together are connected by the same bus bar.



# Connector Views

## 79. C446

- Gray
- Behind right kick panel
- Connects main wire harness to A/C wire harness

'96-'03:

1	2	3	4	5		6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	

- |                        |                                |
|------------------------|--------------------------------|
| 1 RED/WHT (A/C)        | 10 BLK (G402)                  |
| 2 —                    | 11 BRN/WHT (A/C)               |
| 3 BLK/YEL (Fuse 3)     | 12 BRN/BLK (A/C)               |
| 4 YEL (Trunk opener)   | 13 WHT/RED (A/C)               |
| 5 BLK (G404)           | 14 WHT (Blower controls)       |
| 6 WHT/YEL (Fuse 56)    | 15 —                           |
| 7 GRY (A/C)            | 16 BLK (G402)                  |
| 8 RED/BLK              | 17 BLK (G402)                  |
| '96-'98: (Dash lights) | 18 '99-'03 Navigation: YEL/GRN |
| '99-'03: (Dash lights) | (Rear window defogger)         |
| 9 RED                  | 19 '96-'02: PNK/BLU (A/C)      |
| '96-'98: (Dash lights) | '03: —                         |
| '99-'03: (Dash lights) | 20 YEL/BLK (A/C)               |

'04:

1	2	3	4	5		6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	

- |                         |                        |
|-------------------------|------------------------|
| 1 RED/WHT (A/C)         | 14 WHT/RED (A/C)       |
| 2 RED/BLK (Dash lights) | 15 WHT (Fuse 37)       |
| 3 BLK/YEL (Fuse 3)      | 16 BLK (G404)          |
| 4 YEL (Trunk opener)    | 17 BLK (G402)          |
| 5 BLK (G404)            | 18 BLK (G401)          |
| 6 WHT/YEL (Fuse 56)     | 19 Navigation: YEL/GRN |
| 7 GRY (A/C)             | (Rear window defogger) |
| 8 RED (Dash lights)     | 20 PNK/BLU (A/C)       |
| 9 YEL/BLK (A/C)         | 21 YEL (A/C)           |
| 10 BRN/WHT (A/C)        | 22 Male – LT GRN       |
| 11 BRN/BLK (A/C)        | Female – BLK/WHT       |
| 12 BRN/WHT (A/C)        | (A/C)                  |
| 13 BRN/BLK (A/C)        |                        |



# Connector Views

## 80. C448

- Black
- Above right kick panel
- Main wire harness junction connector

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1 WHT/YEL (Fuse 56)	11 BLU/WHT (VSS)
2 WHT/YEL (Fuse 56)	12 BLU/WHT (VSS)
3 WHT/YEL (Fuse 56)	13 BLU/WHT (VSS)
4 WHT/YEL (Fuse 56)	
5 WHT/YEL (Fuse 56)	14 YEL (Fuse 13)
6 WHT/YEL (Fuse 56)	15 YEL (Fuse 13)
	16 YEL (Fuse 13)
7 RED (PGM-FI)	
8 RED (PGM-FI)	17 BRN/BLK (G101)
9 RED (PGM-FI)	18 BRN/BLK (G101)
10 RED (PGM-FI)	19 BRN/BLK (G101)
	20 BRN/BLK (G101)

Terminals grouped together are connected by the same bus bar.



# Connector Views

## 81. C456

- Blue
- Below right side of dash
- Main wire harness junction connector

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	7 *: YEL/BLK (Fuse 19) 8 YEL/BLK (Fuse 19) 9 YEL/BLK (Fuse 19) 10 YEL/BLK (Fuse 19)
2 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	11 BRN/BLK (G101) 12 BRN/BLK (G101) 13 BRN/BLK (G101) 14 BRN/BLK (G101) 15 BRN/BLK (G101) 16 '96-'99: BRN/BLK (G101)
3 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	17 GRN/BLK (PGM-FI) 18 GRN/BLK (PGM-FI) 19 GRN/BLK (PGM-FI) 20 GRN/BLK (PGM-FI)
4 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	
5 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	
6 RED/BLK '96-'98: (Headlight switch) '99-'04: (Headlight switch)	

\* = Except '99-'04 with Navigation

Terminals grouped together are connected by the same bus bar.



# Connector Views

## 82. C464

- Black
- Below right side of dash
- Main wire harness junction connector

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1 '96-'99: RED '96-'98: (Dash lights) '99-'04: (Dash lights)	7 YEL/BLU (PGM-FI) 8 YEL/BLU (PGM-FI) 9 YEL/BLU (PGM-FI) 10 YEL/BLU (PGM-FI)	14 GRN/WHT (A/T controls) 15 GRN/WHT (A/T controls) 16 GRN/WHT (A/T controls)
2 RED '96-'98: (Dash lights) '99-'04: (Dash lights)	11 '96-'98: RED/YEL (Headlight switch) '99-'04: RED/BLK (Headlight switch)	17 WHT/BLU (Fuse 57) 18 WHT/BLU (Fuse 57) 19 WHT/BLU (Fuse 57) 20 WHT/BLU (Fuse 57)
3 RED '96-'98: (Dash lights) '99-'04: (Dash lights)	12 '96-'98: RED/YEL (Headlight switch) '99-'04: RED/BLK (Headlight switch)	
4 RED '96-'98: (Dash lights) '99-'04: (Dash lights)	13 '96-'98: RED/YEL (Headlight switch) '99-'04: RED/BLK (Headlight switch)	
5 RED '96-'98: (Dash lights) '99-'04: (Dash lights)		
6 RED '96-'98: (Dash lights) '99-'04: (Dash lights)		

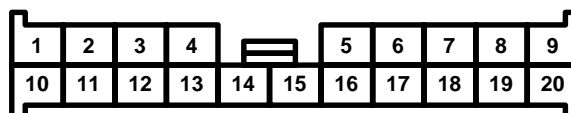
Terminals grouped together are connected by the same bus bar.



# Connector Views

## 83. C502

- Blue
- Behind left kick panel
- Connects dashboard wire harness and under-dash fuse/relay box



- |                                    |  |
|------------------------------------|--|
| 1 BLK/YEL (Fuse 20)                | 10 —                                     |
| 2 BLK                              | 11 GRN/RED                               |
| '96-'98: (G401)                    | '96-'99 USA: (Brake system indicator)    |
| '99-'04: (G251)                    | '96-'99 Canada: (Brake system indicator) |
| 3 PNK/BLK (Multiplex control)      | '00-'04: (Brake system indicator)        |
| 4 BLK/RED (Hazard warning lights)  | 12 —                                     |
| 5 RED/BLK                          | 13 BLU/WHT (VSS)                         |
| '96-'98: (Dash and console lights) | 14 GRN/YEL                               |
| '99-'04: (Dash and console lights) | '96-'98: (Turn signal lights)            |
| 6 PNK/BLU                          | '99-'04: (Turn signal lights)            |
| '96-'98: (Turn signal lights)      | 15 —                                     |
| '99-'04: (Turn signal lights)      | 16 —                                     |
| 7 RED                              | 17 —                                     |
| '96-'98: (Dash and console lights) | 18 —                                     |
| '99-'04: (Dash and console lights) | 19 RED/BLK                               |
| 8 WHT/GRN (Hazard warning lights)  | '96-'98: (Dash and console lights)       |
| 9 BLK                              | '99-'04: (Dash and console lights)       |
| '96-'98: (G401)                    | 20 GRN/WHT (Hazard warning lights)       |
| '99-'04: (G251)                    |  |

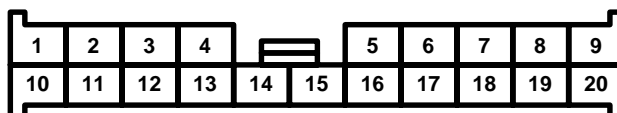




# Connector Views

## 84. C609

- Gray
- In right center pillar
- Connects right side wire harness and right rear door wire harness



- |   |  |  |
|---|--|--|
| 1 Male – GRN/ORN<br>Female – GRN/YEL<br>(Safety indicator)<br>(Security system) | 14 BLK (G601)  | 19 Bose:<br>Male – RED/YEL<br>Female – ORN<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard:<br>Male – BLU/BLK<br>Female – ORN<br>(Stereo sound system) |
| 2 BLK (G601)  | 15 YEL<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows)     | 20 Bose:<br>Male – BRN/WHT<br>Female – WHT<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard:<br>Male – BLU/ORN<br>Female – WHT<br>(Stereo sound system) |
| 3 LT GRN/BLK (Door courtesy lights)   | 16 BLK/GRN<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows) |  |
| 4 RED/BLK<br>'96-'98: (Ashtray lights)<br>'99-'04: (Ashtray lights)             | 17 YEL/GRN<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows) |  |
| 5 —   | 18 YEL/BLK<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows) |  |
| 6 —   |  |  |
| 7 —   |  |  |
| 8 —   |  |  |
| 9 WHT/BLU (Door courtesy lights)  |  |  |
| 10 Male – RED/BLU<br>Female – GRY<br>(Power door locks)                         |  |  |
| 11 BLK (G601)   |  |  |
| 12 YEL/RED (Power door locks)   |  |  |
| 13 WHT/RED (Power door locks)   |  |  |

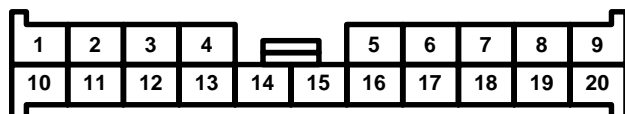


# Connector Views

## 85. C629

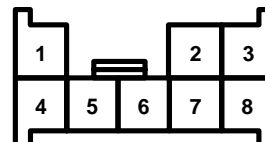
- Gray
- Front of trunk
- Connects right side wire harness and left side wire harness

'96-'99:



- 1 BRN (TCS)
- 2 GRN (TCS)
- 3 BLK (TCS)
- 4 GRN/RED (TCS)
- 5 BLK/WHT (TCS)
- 6 '97-'99: BLK (G651)
- 7 BLU/BLK  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)
- 8 LT GRN  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)
- 9 GRY/BLU  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)
- 10 GRN/WHT (TCS)
- 11 BLU/GRY (TCS)
- 12 WHT/BLK (TCS)
- 13 BRN/YEL (TCS)
- 14 BLU (TCS)
- 15 GRY (TCS)
- 16 WHT/BLU (TCS)
- 17 BRN/WHT (TCS)
- 18 GRY/RED  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)
- 19 BLK/RED  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)
- 20 YEL/BLU  
'96: (Bose stereo sound system)  
'97-'99: (Bose stereo sound system)

'00-'04:



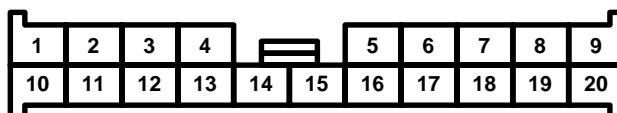
- 1 BLU/BLK (Bose stereo sound system)
- 2 LT GRN (Bose stereo sound system)
- 3 GRY/BLU (Bose stereo sound system)
- 4 '02-'04: GRN (OnStar system)
- 5 —
- 6 GRY/RED (Bose stereo sound system)
- 7 BLK/RED (Bose stereo sound system)
- 8 YEL/BLU (Bose stereo sound system)



# Connector Views

## 86. C663

- Gray
- In left center pillar
- Connects left side wire harness and left rear door wire harness



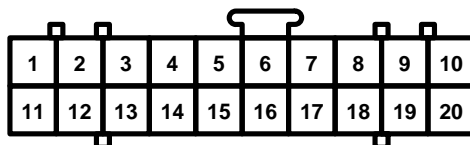
- |   |  |   |
|---|--|---|
| 1 Male – GRN/YEL<br>Female – GRN/ORN<br>(Safety indicator)<br>(Security system) | 13 WHT/RED (Power door locks)  | 18 Male – WHT/BLK<br>Female – YEL/BLK<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows)           |
| 2 BLK (G651)  | 14 BLK<br>'96-'98: (G401)<br>'99-'04: (G251)   | 19 Bose:<br>Male – GRY/BLU<br>Female – ORN<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard: ORN (Stereo sound system) |
| 3 LT GRN/BLK (Entry light control system)                                       | 15 YEL<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows)     | 20 Bose:<br>Male – YEL/BLU<br>Female – WHT<br>'96 Bose: (Stereo sound system)<br>'97-'02 Bose: (Stereo sound system)<br>Standard: WHT (Stereo sound system) |
| 4 RED/BLK<br>'96-'98: (Ashtray lights)<br>'99-'04: (Ashtray lights)             | 16 BLK/GRN<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows) |   |
| 5 —   | 17 YEL/GRN<br>'96-'97: (Power windows)<br>'98: (Power windows)<br>'99-'01: (Power windows)<br>'02-'04: (Power windows) |   |
| 6 —   |  |   |
| 7 —   |  |   |
| 8 —   |  |   |
| 9 WHT/BLU (Entry light control system)  |  |   |
| 10 Male – GRY<br>Female – RED/BLU<br>(Power door locks)                         |  |   |
| 11 BLK (G651)   |  |   |
| 12 YEL/RED (Power door locks)   |  |   |



# Connector Views

## 87. Door Multiplex Control Unit

- Blue
- Center of driver's door
- On driver's door wire harness



- |  |   |
|--|---|
| 1 WHT/YEL (Battery input)                  | 11 '96-'97: RED/YEL                       |
| 2 '96-'97: GRN/WHT                         | '98-'01: BLK/WHT                          |
| '98-'04: WHT/BLK                           | '02-'04: BLU/GRN                          |
| (Power window relay input)                 | (Window motor control)                    |
| 3 RED/BLK (Master switch illumination (+)) | 12 BLK                                    |
| 4 '96-'01: BLU (Window motor pulser input) | '96-'98: (G401)                           |
| '02-'04: YEL/GRN (Switch auto input)       | '99-'04: (G251)                           |
| 5 GRN/BLU (Door switch input)              | 13 RED (Master switch illumination (-))   |
| 6 GRN/WHT (Key cylinder switch – lock)     | 14 '96-'03: BLU/BLK                       |
| 7 '96-'03: BLU/WHT                         | '04: BLU/WHT                              |
| '04: BLU/BLK                               | (Trunk opener switch input)               |
| (Knob switch – lock)                       | 15 BRN/YEL (Door D-line)                  |
| 8 GRN/RED (Lock switch – lock)             | 16 GRN/RED (Key cylinder switch – unlock) |
| 9 '02-'04: BLU/ORN (Switch OFF output)     | 17 '96-'03: GRN/BLK                       |
| 10 '96-'97: RED/BLU                        | '04: BLU/RED                              |
| '98-'04: BLU/ORN                           | (Knob switch – unlock)                    |
| (Window motor control)                     | 18 GRN/WHT (Lock switch – unlock)         |
|  | 19 '96-'97: BLK (G401)                    |
|  | '02-'04: BLK/WHT (Switch ON output)       |
|  | 20 GRY/BLK (Main switch output)           |



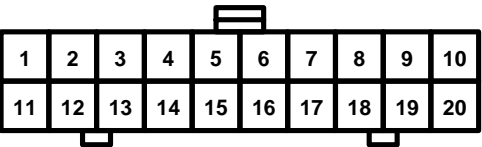
# Connector Views

## 88. Navigation Display Unit

- Center of dash
- On main wire harness

### Connector A

– Blue



#### '96-'98:

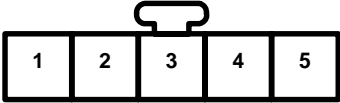
- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1 WHT/YEL (+B)                    | 11 RED/BLK (ILL+)             |
| 2 WHT/YEL (ACC)                   | 12 —                          |
| 3 '96-'99: RED (AUDIO BUS +)      | 13 '96-'99: BLU (AUDIO BUS +) |
| 4 '96-'99: GRY/YEL (SH AUDIO BUS) | 14 —                          |
| 5 BLK (DISP BUS +)                | 15 WHT (DISP BUS -)           |
| 6 BLU (SCTY 1)                    | 16 GRN (SCTY 2)               |
| 7 —                               | 17 BLU (GND SIG)              |
| 8 WHT (R SIG)                     | 18 YEL (B SIG)                |
| 9 RED (G SIG)                     | 19 BRN (C SIG)                |
| 10 BLK (GND)                      | 20 BRN/YEL (SH SIG)           |

#### '99-'04:

- |                    |                               |
|--------------------|-------------------------------|
| 1 WHT/YEL (+B)     | 12 RED                        |
| 2 WHT/YEL (ACC)    | '00-'03: (ILL-)               |
| 3 —                | '04: (ILL-)                   |
| 4 —                | 13 —                          |
| 5 BLK (DISP BUS +) | 14 '00-'03: ORN (SH DISP BUS) |
| 6 BLU (SCTY 1)     | '04: PNK (SH DISP BUS)        |
| 7 —                | 15 WHT (DISP BUS -)           |
| 8 WHT (R SIG)      | 16 GRN (SCTY 2)               |
| 9 RED (G SIG)      | 17 BLU (GND SIG)              |
| 10 BLK (GND)       | 18 YEL (B SIG)                |
| 11 RED/BLK (ILL+)  | 19 BRN (C SIG)                |
|                    | 20 BRN/YEL (SH SIG)           |

### Connector B ('04)

– Green



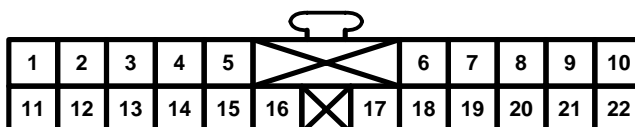
- |                |
|----------------|
| 1 —            |
| 2 YEL (CLK 2)  |
| 3 BRN/WHT (Si) |
| 4 LT GRN (SO)  |
| 5 —            |



# Connector Views

## 89. C327

- Green
- Behind left kick panel
- Connects left engine compartment wire harness to main wire harness



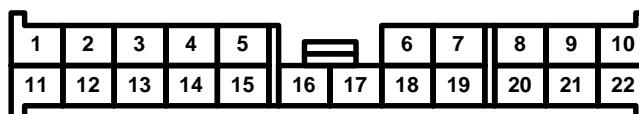
- |  |                              |
|--|------------------------------|
| 1 BLU/ORN (Fans)                                       | 8 '96-'99: GRN/YEL (PGM-FI)  |
| 2 YEL/GRN  | 9 '96-'99: YEL/BLU (PGM-FI)  |
| Except '99-'04 with Navigation: (Rear window defogger) | 10 '96-'99: GRN/BLK (PGM-FI) |
| '99-'04 with Navigation: (Rear window defogger)        | 11 RED (A/T controls)        |
| 3 BLK/WHT  | 12 YEL (A/T controls)        |
| '96-'98: (Wiper/washer)                                | 13 GRN/BLK (A/T controls)    |
| '99-'04: (Wiper/washer)                                | 14 BLU/YEL (A/T controls)    |
| 4 WHT/YEL (Fuse 56)                                    | 15 GRN/WHT (A/T controls)    |
| 5 YEL/BLK (Fuse 19)                                    | 16 GRN/BLK (Back-up lights)  |
| 6 '96-'99: YEL/RED                                     | 17 WHT (A/T controls)        |
| '96-'97: (ABS)   | 18 BRN/BLK (A/T controls)    |
| '98-'99: (ABS)   | 19 GRN (A/T controls)        |
| 7 '96-'99: GRN   | 20 WHT (A/T controls)        |
| '96-'97: (ABS)   | 21 BLU (A/T controls)        |
| '98-'99: (ABS)   | 22 RED (A/T controls)        |



# Connector Views

## 90. C403

- Blue
- Behind left kick panel
- Connects main wire harness to under-dash fuse/relay box



1	—	12	BLK	16	—
2	BLK/YEL (Fuse 3)	'96-'98: (G401)		17	—
3	—	'99-'04: (G251)		18	USA: YEL/BLK
4	—	13 YEL/BLK		'96-'98 USA: (Headlights)	
5	—	'96-'97: (Power windows)		'99-'04 USA: (Headlights)	
6	BLK/RED (Turn signal lights)	'98: (Power windows)		19	WHT/RED (Starting)
7	—	'99-'01: (Power windows)		20	GRN/WHT (Turn signal lights)
8	BLU/WHT (VSS)	'02-'04: (Power windows)		21	BLU/WHT (VSS)
9	—	14 RED		22	'99-'04: RED/BLK (Dash and console lights)
10	—	'96-'98: (Console lights)			
11	Canada: YEL/RED	'99-'04: (Console lights)			
	'96-'98 Canada: (Headlights)	15 RED			
	'99-'04 Canada: (Headlights)	'96-'98: (Dash and console lights)			
		'99-'04: (Dash and console lights)			

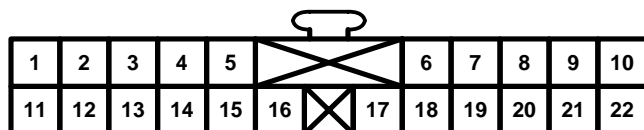


# Connector Views

## 91. C414

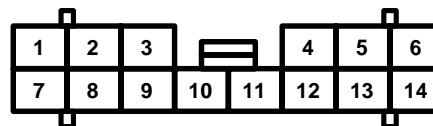
- Green
- Left of steering column
- Connects main wire harness and left side wire harness

'96-'97:



- 1 —
- 2 —
- 3 —
- 4 —
- 5 Canada: GRN/WHT (Headlights)
- 6 Canada: YEL/RED (Headlights)
- 7 —
- 8 —
- 9 GRY/RED (Bose sound system)
- 10 BLU/BLK (Bose sound system)
- 11 —
- 12 —
- 13 —
- 14 —
- 15 —
- 16 —
- 17 Canada: RED/BLU (Headlights)
- 18 BLK/WHT (TCS)
- 19 WHT/BLU (TCS)
- 20 GRY (TCS)
- 21 BLU (TCS)
- 22 BRN/YEL (TCS)

'98-'04:



- 1 '99-'04: RED/BLU (Seat belt tension reducer)
- 2 '98-'99 Canada: GRN/WHT
- '02 Canada: GRN/RED
- '98 Canada: (Headlights)
- '99-'04 Canada: (Headlights)
- 3 Canada: YEL/RED
- '98 Canada: (Headlights)
- '99-'04 Canada: (Headlights)
- 4 '00-'04: GRN/BLK (PGM-FI)
- 5 GRY/RED (Bose sound system)
- 6 BLU/BLK (Bose sound system)
- 7 '99-'04: BLU/RED (Seat belt tension reducer)
- 8 '00-'04: YEL/BLU (VSA)
- 9 Canada: RED/BLU
- '98 Canada: (Headlights)
- '99-'04 Canada: (Headlights)
- '02 USA: GRN/BLU (Headlights)
- 10 '98-'99: BLK/WHT (TCS)
- '00-'04: RED/WHT (PGM-FI)
- 11 '98-'99: WHT/BLU (TCS)
- '00-'04: PNK/BLK (PGM-FI)
- 12 '98-'99: GRY (TCS)
- '00-'04: GRN/YEL (PGM-FI)
- 13 '98-'99: BLU (TCS)
- '00-'04: WHT/BLK (VSA)
- 14 '98-'99: BRN/YEL (TCS)





# Connector Views

## 92. C442

- Gray
- Behind right kick panel
- Connects main wire harness to right side wire harness



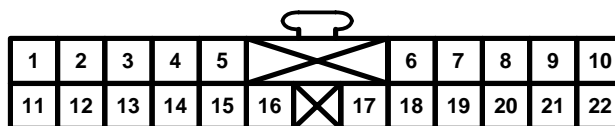
- |                                     |                                 |  |
|-------------------------------------|---------------------------------|--|
| 1 Bose: RED (Stereo sound system)   | 11 YEL/RED (Power door locks)   | 16 GRN (Moonroof)                      |
| 2 Bose: BRN (Stereo sound system)   | 12 GRN                          | 17 WHT/RED (Power seat)                |
| 3 BLK/GRN                           | '96-'97: (Seat heater)          | 18 Bose: WHT/BLU (Stereo sound system) |
| '96-'97: (Power windows)            | '98: (Seat heater)              | 19 WHT/BLK (Trunk opener)              |
| '98: (Power windows)                | '99-'04: (Seat heater)          | 20 YEL/BLK                             |
| '99-'01: (Power windows)            | 13 BLU                          | '96-'97: (Power windows)               |
| '02-'04: (Power windows)            | '96-'97: (Seat heater)          | '98: (Power windows)                   |
| 4 GRN/ORN (Safety indicator)        | '98: (Seat heater)              | '99-'01: (Power windows)               |
| 5 BLU/GRN (Security)                | '99-'04: (Seat heater)          | '02-'04: (Power windows)               |
| 6 '96-'97: BLU/RED (Ceiling light)  | 14 WHT (Fuse 44)                | 21 GRN/WHT (Power door locks)          |
| 7 WHT/BLU (Door courtesy lights)    | 15 YEL/BLU                      | 22 GRN/RED (Power door locks)          |
| 8 LT GRN/BLK (Door courtesy lights) | Except '00-'02 with Navigation: |  |
| 9 BLK/YEL (Fuse 20)                 | (Rear window defogger)          |  |
| 10 WHT/RED (Power door locks)       | '00-'02 with Navigation:        |  |
|                                     | (Rear window defogger)          |  |



# Connector Views

## 93. C444

- Green
- Behind right kick panel
- Connects main wire harness to right side wire harness



- 1 '96-'99: GRN/ORN (TCS)  
'00-'04: RED (VSA)
- 2 '96-'99: BLK/ORN (TCS)  
'00-'04: GRN (VSA)
- 3 '96-'99: GRY/WHT (TCS)  
'00-'04: YEL (VSA)
- 4 '96-'99: LT GRN/RED (TCS)  
'00-'04: GRY/WHT (VSA)
- 5 '96-'99: WHT/GRN (TCS)  
'02 USA: ORN (OnStar system)
- 6 '96-'99: WHT/RED (TCS)  
'02-'04 USA: PNK (OnStar system)
- 7 '96-'99: GRY/BLK (TCS)  
'02-'04 USA: WHT/YEL  
'02-'03: (Navigation system)  
'04: (Navigation system)

- 8 '96-'99: RED (TCS)  
'02-'04 USA: WHT/YEL  
'02-'03: (Navigation system)  
'04: (Navigation system)
- 9 GRN/RED (Power door locks)
- 10 GRN/WHT (Power door locks)
- 11 '96-'99: BLU/WHT (TCS)  
'00-'04: WHT (VSA)
- 12 '96-'99: PNK/BLU (TCS)  
'00-'04: BLK (VSA)
- 13 '96-'99: PNK/BLK (TCS)  
'00-'04: RED/BLU (VSA)
- 14 '96-'99: BRN/BLK (G101)  
'00-'04: BRN/WHT (G403)

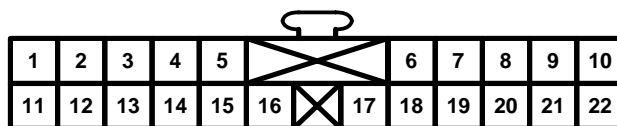
- 15 '96-'99: RED (TCS)  
'02-'04 USA: RED/GRN (OnStar system)
- 16 '96-'99: RED/BLK (TCS)  
'02-'04 USA: BLK (G601)
- 17 '96-'99: BLU (TCS)  
'02-'04 USA: ORN (OnStar system)
- 18 '96-'99: BRN/BLK (G101)  
'02-'04 USA: WHT/GRN (OnStar system)
- 19 BLK/WHT (PGM-FI)
- 20 BRN/BLK (G101)
- 21 GRN/WHT (PGM-FI)
- 22 WHT/RED (PGM-FI)



# Connector Views

## 94. C476

- Green
- Behind climate control and audio unit
- Connects main wire harness and dashboard wire harness



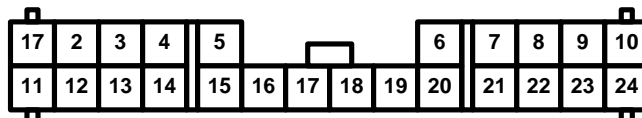
- |  |                               |  |
|--|-------------------------------|--|
| 1 WHT/RED (A/C)                          | 7 —                           | 14 '00-'04: GRY (VSA)                      |
| 2 PNK/BLU (A/C)                          | 8 PNK/BLK (Multiplex control) | 15 WHT/BLU (Charging)                      |
| 3 BLU/WHT                                | 9 BRN/WHT                     | 16 BLU (PGM-FI)                            |
| '96-'98: (ABS)                           | '96-'97: (Gauge assembly)     | 17 BRN (A/T gear position indicator)       |
| '98-'99: (ABS)                           | '98-'03: (Gauge assembly)     | 18 BLU (A/T gear position indicator)       |
| '00-'04: (VSA)                           | '04: (Gauge assembly)         | 19 GRN (A/T gear position indicator)       |
| 4 GRN/RED (Safety indicator)             | 10 LT GRN (A/T controls)      | 20 WHT (A/T gear position indicator)       |
| 5 GRN/ORN (Safety indicator)             | 11 LT GRN/RED (PGM-FI)        | 21 '96-'98: PNK (Immobilizer)              |
| 6 YEL/RED                                | 12 BRN/YEL (A/T controls)     | '99-'04: RED (A/T gear position indicator) |
| '96: (Engine oil pressure indicator)     | 13 YEL/GRN                    | 22 BRN/BLK (A/C)                           |
| '97-'03: (Engine oil pressure indicator) | '96-'97: (Gauge assembly)     |  |
| '04: (Engine oil pressure indicator)     | '98-'03: (Gauge assembly)     |  |



# Connector Views

## 95. C441

- Light Blue
- Behind right kick panel
- Connects main wire harness to right side wire harness



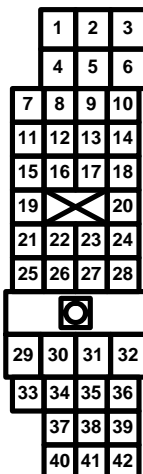
- |   |   |   |
|---|---|---|
| 1 Standard (Except '02 USA) : RED/YEL<br>(Stereo sound system)<br>'96 Bose: ORN (Stereo sound system)<br>'02-'04 USA: BLU/RED (OnStar system) | 8 Bose: GRN/YEL<br>'96: (Stereo sound system)<br>'97-'03: (Stereo sound system)<br>'04: (Stereo sound system)   | 14 '96 Bose: YEL (Stereo sound system)<br>'99-'04: BLU/GRN (SRS)                                |
| 2 Standard (Except '02 USA): BRN/WHT<br>(Stereo sound system)<br>'96 Bose: GRN (Stereo sound system)<br>'02-'04 USA: WHT (OnStar system)      | 9 Standard: BLU/BLK (Stereo sound system)<br>Bose: YEL/BLU<br>'96: (Stereo sound system)<br>'97-'03: (Stereo sound system)<br>'04: (Stereo sound system)  | 15 '96 Bose: WHT (Stereo sound system)<br>'99-'04: BLU/WHT (SRS)                                |
| 3 Standard (Except '02 USA): BLU/YEL<br>(Stereo sound system)<br>'96 Bose: BLK (Stereo sound system)<br>'02-'04 USA: GRY (OnStar system)      | 10 Standard: BLU/ORN (Stereo sound system)<br>Bose: GRY/RED<br>'96: (Stereo sound system)<br>'97-'03: (Stereo sound system)<br>'04: (Stereo sound system) | 16 '96 Bose: BRN (Stereo sound system)<br>'99-'04: GRN (SRS)                                    |
| 4 Standard: GRY (Stereo sound system)<br>'96 Bose: RED (Stereo sound system)<br>'02-'04 USA: —  | 11 YEL (Fuse 13)  | 17 '96 Bose: BLU (Stereo sound system)<br>'00-'02 Navi: BLK (Navigation)                        |
| 5 '99-'04: BLU (SRS)  | 12 '96-'98: YEL/GRN (Moonroof)<br>'00-'02 Navi: BRN/BLK (Navigation)  | 18 '02-'04 USA: BLU/YEL (OnStar system)   |
| 6 PNK/BLK (Multiplex control)   | 13 '96 Bose: BLK (Stereo sound system)<br>'99-'04: WHT/RED (SRS)  | 19 '96-'99 Navi: GRY/BLU (Navigation)<br>'00-'02 Navi: WHT (Navigation)                         |
| 7 RED/BLK<br>'96-'98: (Ashtray lights)<br>'99-'04: (Ashtray lights)   |   | 20 '02-'04 USA: YEL/GRN (OnStar system)   |
|   |   | 21 '02-'04 USA: BRN/YEL (OnStar system)   |
|   |   | 22 '02-'04 USA: BLK (OnStar system)   |
|   |   | 23 '02-'04 USA: WHT (OnStar system)   |
|   |   | 24 '98-'03: BLU/RED<br>'98: (Ceiling light)<br>'99-'03: (Ceiling light)<br>'04: (Ceiling light) |



# Connector Views

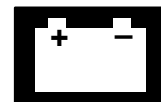
## 96. C412

- Gray
- Above left kick panel, in access hole
- Connects main wire harness to driver's door wire harness



### Except '02-'03:

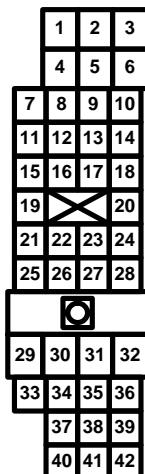
- |   |                                       |                                     |
|---|---------------------------------------|-------------------------------------|
| 1 '98-'01: GRN                            | 11 BLK                                | 26 '98-'01: BLU/ORN                 |
| '98: (Power windows)                      | '96-'98: (G401)                       | '98: (Power windows)                |
| '99-'01: (Power windows)                  | '99-'01: (G251)                       | '99-'01: (Power windows)            |
| 2 LT GRN/BLK                              | 12 '98-'01: BLK/WHT                   | 27 RED/GRN (DPMS)                   |
| '99-'01:                                  | '98: (Power windows)                  | 28 YEL/BLU (DPMS)                   |
| Male – LT GRN/BLK                         | '99-'01: (Power windows)              | 29 LT GRN                           |
| Female – YEL/RED                          | 13 WHT/YEL (Fuse 56)                  | '96: (Bose sound system)            |
| (Power door locks)                        | 14 BRN/YEL (Multiplex control system) | '97-'01: (Bose sound system)        |
| 3 WHT/BLU (Door courtesy lights)          | 15 RED (DPMS)                         | 30 BLK/RED                          |
| 4 '96-'97: BLK (Multiplex control system) | 16 LT GRN/BLK (Door courtesy lights)  | '96: (Bose sound system)            |
| 5 WHT/RED (Power door locks)              | 17 RED/BLK                            | '97-'01: (Bose sound system)        |
| 6 '96-'97: GRN/WHT (Power windows)        | '96-'98: (Dash and console lights)    | 31 BLK                              |
| '98-'01: RED                              | '99-'01: (Dash and console lights)    | '96-'98: (G401)                     |
| '98: (Power windows)                      | 18 YEL/BLK (Power mirrors)            | '99-'01: (G401)                     |
| '99-'01: (Power windows)                  | 19 GRY/BLK                            | 32 RED/BLK (DPMS)                   |
| 7 Standard: PNK (Stereo sound system)     | '96-'97: (Power windows)              | 33 WHT (Security)                   |
| Bose: BLU/BLK                             | '98: (Power windows)                  | 34 '96-'98: RED/YEL (Power mirrors) |
| '96 Bose: (Stereo sound system)           | '99-'01: (Power windows)              | 35 BRN/WHT (DPMS)                   |
| '97-'01 Bose (Stereo sound system)        | 20 BLU/RED (Power mirror defoggers)   | 36 GRY (DPMS)                       |
| 8 Standard: WHT (Stereo sound system)     | 21 '98-'01: WHT/BLK                   | 37 GRN (DPMS)                       |
| Bose: GRY/RED                             | '98: (Power windows)                  | 38 BRN (Power mirrors)              |
| '96 Bose: (Stereo sound system)           | '99-'01: (Power windows)              | 39 YEL (Power mirrors)              |
| '97-'01 Bose (Stereo sound system)        | 22 BLU/YEL (DPMS)                     | 40 BLU (Power mirrors)              |
| 9 RED                                     | 23 BLU/WHT (DPMS)                     | 41 LT GRN/RED (DPMS)                |
| '96-'98: (Dash and console lights)        | 24 WHT/RED (Power mirror defoggers)   | 42 BLK/WHT (DPMS)                   |
| '99-'01: (Dash and console lights)        | 25 YEL/WHT (DPMS)                     |                                     |
| 10 GRN/BLU (Safety indicator)             |                                       |                                     |



# Connector Views

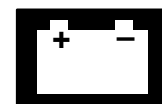
## 96. C412

- Gray
- Above left kick panel, in access hole
- Connects main wire harness to driver's door wire harness



### '02-'04 USA:

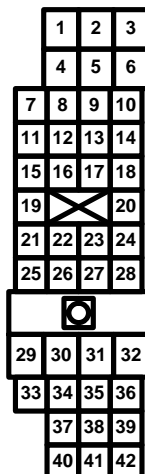
- |                                  |                                       |                                  |
|----------------------------------|---------------------------------------|----------------------------------|
| 1 GRN/WHT (Power windows)        | 14 BRN/YEL (Multiplex control system) | 29 LT GRN (Stereo sound system)  |
| 2 YEL/RED (Power door locks)     | 15 RED (DPMS)                         | 30 BLK/RED (Stereo sound system) |
| 3 WHT/BLU (Door courtesy lights) | 16 LT GRN/BLK (Door courtesy lights)  | 31 BLK (G401)                    |
| 4 BLK (G251)                     | 17 RED/BLK (Dash and console lights)  | 32 RED/BLK (DPMS)                |
| 5 WHT/RED (Power door locks)     | 18 YEL/BLK (DPMS)                     | 33 WHT (Security system)         |
| 6 BLU (DPMS)                     | 19 GRY/BLK (Power windows)            | 34 GRY (DPMS)                    |
| 7 BLU/BLK (Stereo sound system)  | 20 BLU/RED (Power mirror defoggers)   | 35 BRN/WHT (DPMS)                |
| 8 GRY/RED (Stereo sound system)  | 21 WHT/BLK (Power windows)            | 36 GRN/WHT (DPMS)                |
| 9 RED (Dash and console lights)  | 22 BLU/YEL (DPMS)                     | 37 YEL (DPMS)                    |
| 10 '96-'03: GRN/BLU              | 23 BLU/WHT (DPMS)                     | 38 BLU/ORN (DPMS)                |
| '04: Male – GRN/BLU              | 24 WHT/RED (Power mirror defoggers)   | 39 BRN (DPMS)                    |
| Female – GRN/RED                 | 25 YEL/WHT (DPMS)                     | 40 RED/WHT (DPMS)                |
| (Safety indicator)               | 26 '04: BLU/BLK (Power door locks)    | 41 BLU/GRN (DPMS)                |
| 11 BLK (G251)                    | 27 RED/GRN (DPMS)                     | 42 BLU (DPMS)                    |
| 12 YEL (DPMS)                    | 28 YEL/BLU (DPMS)                     |                                  |
| 13 WHT/YEL (Fuse 56)             |                                       |                                  |



# Connector Views

## 97. C445

- Gray
- Above right kick panel, in access hole
- Connects main wire harness to passenger's door wire harness



### Except '02-'03:

1 BLU/BLK '96-'97: (Power windows) '98: (Power windows) '99-'01: (Power windows)	20 BLU/RED (Power mirror defoggers)
2 YEL/RED (Power door locks)	21 —
3 WHT/BLU (Door courtesy lights)	22 —
4 BLK/RED '96-'97: (Power windows) '98: (Power windows) '99-'01: (Power windows)	23 —
5 WHT/RED (Power door locks)	24 —
6 WHT/YEL '96-'97: (Power windows) '98: (Power windows) '99-'01: (Power windows)	25 —
7 GRN/YEL Standard: (Stereo sound system) '96 Bose: (Stereo sound system) '97-'01 Bose: (Stereo sound system)	26 —
8 GRY/RED Standard: (Stereo sound system) '96 Bose: (Stereo sound system) '97-'01 Bose: (Stereo sound system)	27 —
9 —	28 '98-'01: RED/BLK '98: (Dash lights) '99-'01: (Dash lights)
10 GRN/RED (Safety indicator)	29 RED '96 Bose: (Stereo sound system) '97-'01 Bose: (Stereo sound system)
11 BLK (G402)	30 BRN '96 Bose: (Stereo sound system) '97-'01 Bose: (Stereo sound system)
12 LT GRN/BLK (Door courtesy lights)	31 BLK (G402)
13 —	32 BLK/GRN '96-'97: (Power windows) '98: (Power windows) '99-'01: (Power windows)
14 —	33 BLU/RED (Power door locks)
15 GRN/WHT (Power door locks)	34 RED/BLK (DPMS)
16 GRN/RED (Power door locks)	35 BRN/WHT (DPMS)
17 GRN/RED (Power door locks)	36 GRY (DPMS)
18 GRN/WHT (Power door locks)	37 GRN (DPMS)
19 —	38 BRN (Power mirrors)
	39 YEL (Power mirrors)
	40 BLU (Power mirrors)
	41 '98-'01: RED '98: (Dash lights) '99-'01: (Dash lights)
	42 —

### '02-'04 USA:

1 BLU/BLK (Power windows)	21 —
2 YEL/RED (Power door locks)	22 YEL (DPMS)
3 WHT/BLU (Door courtesy lights)	23 GRN/WHT (DPMS)
4 BLK/RED (Power windows)	24 BLK/WHT (DPMS)
5 WHT/RED (Power door locks)	25 YEL (DPMS)
6 WHT/YEL (Power windows)	26 BLU (DPMS)
7 GRN/YEL (Stereo sound system)	27 YEL/BLK (DPMS)
8 GRY/RED (Stereo sound system)	28 RED/BLK (Dash and console lights)
9 BLU (DPMS)	29 RED (Stereo sound system)
10 GRN/RED (Safety indicator)	30 BRN (Stereo sound system)
11 BLK (G402)	31 BLK (G402)
12 LT GRN/BLK (Door courtesy lights)	32 BLK/GRN (Power windows)
13 GRY (DPMS)	33 BLU/RED (Power door locks)
14 BRN (DPMS)	34 RED/BLK (DPMS)
15 GRN/WHT (Power door locks)	35 BRN/WHT (DPMS)
16 GRN/RED (Power door locks)	36 —
17 GRN/RED (Power door locks)	37 LT GRN/RED (DPMS)
18 GRN/WHT (Power door locks)	38 RED/WHT (DPMS)
19 —	39 BLU/GRN (DPMS)
20 BLU/RED (Power mirror defoggers)	40 BLU/ORN (DPMS)
	41 RED (Dash and console lights)
	42 WHT/YEL (Fuse 56)



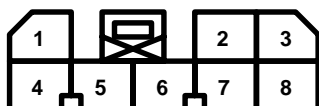
# Connector Views

## 98. Immobilizer Control Unit

- Underside of steering column
- Gray/White
- On main wire harness

'96-'98:

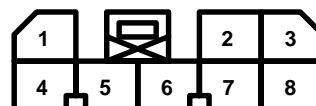
### Connector A



- 1 YEL/BLK (Fuse 6)
- 2 GRY (Park/neutral input)
- 3 WHT/RED (Starter cut relay)
- 4 BLK/YEL (Ignition input)
- 5 PNK (Immobilizer indicator control)
- 6 WHT (Immobilizer signal output)
- 7 GRN/RED (Park/brake input)
- 8 BLK (G401)

'99-'04:

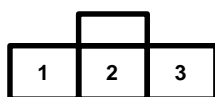
### Connector A



- 1 YEL/BLK (Fuse 6)
- 2 GRY (Park/neutral input)
- 3 WHT/RED (Starter cut relay)
- 4 YEL/BLK (Ignition input)
- 5 PNK (Immobilizer indicator control)
- 6 WHT (Immobilizer signal output)
- 7 GRN/RED (Park/brake input)
- 8 BLK (G251)

### Connector B

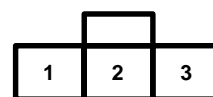
- White
- On immobilizer receiver jumper



- 1 WHT (Receiver input)
- 2 BLK (Shield ground)
- 3 ORN (Receiver input)

### Connector B

- White
- On immobilizer receiver jumper



- 1 WHT (Receiver input)
- 2 BLK (Shield ground)
- 3 ORN (Receiver input)





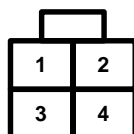
# Connector Views

## 99. PGM-FI Main Relay

– Right of steering column

### Connector A

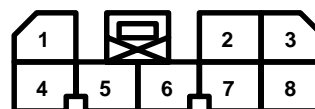
- Brown
- On main wire harness



- 1 YEL/BLK (Switched ignition output)
- 2 YEL (To fuel pump)
- 3 YEL/BLK (Fuse 6)
- 4 BLK/YEL (Fuse 25)

### Connector B

- Gray/White
- On main wire harness



- 1 —
- 2 YEL/GRN (Fuel pump control)
- 3 BLU/RED (Start input)
- 4 —
- 5 RED/WHT (Fuse 22)
- 6 —
- 7 BLK (G101)
- 8 —



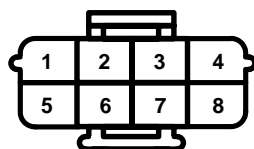
# Connector Views

## 100. Ignition Control Module (ICM)

– Right front of engine

### Connector A

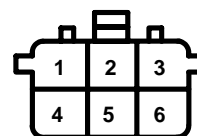
- Gray
- On engine wire harness



- 1 WHT/BLK (No. 3 coil control)
- 2 BLK (G151)
- 3 WHT/GRN (No. 2 coil control)
- 4 WHT (No. 1 coil control)
- 5 WHT/RED (No. 6 coil control)
- 6 RED/GRN (No. 5 coil control)
- 7 BLK (G151)
- 8 WHT/BLU (No. 4 coil control)

### Connector B

- Gray
- On engine wire harness



- 1 PNK (No. 1 coil control)
- 2 BRN (No. 2 coil control)
- 3 BLU (No. 3 coil control)
- 4 GRN (No. 4 coil control)
- 5 GRY (No. 5 coil control)
- 6 RED (No. 6 coil control)



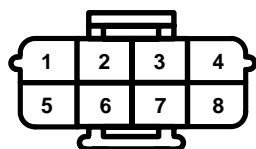
# Connector Views

## 101. Spark Plug Voltage Detection Module

– Right side of engine compartment

### Connector A

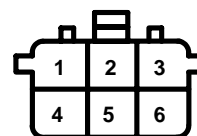
- Gray
- On right engine compartment wire harness



- 1 BLK (G202)
- 2 BLU (Rear peak hold reset output)
- 3 YEL (Rear misfire pulse output)
- 4 BLK/YEL (Fuse 20)
- 5 BLK/YEL (Fuse 20)
- 6 RED (Front misfire pulse output)
- 7 WHT (Front peak hold reset output)
- 8 BLK (G202)

### Connector B

- Gray
- On engine wire harness



- 1 GRN (No. 3 coil input)
- 2 BLU (No. 2 coil input)
- 3 YEL (No. 1 coil input)
- 4 RED (No. 6 coil input)
- 5 WHT (No. 5 coil input)
- 6 BLK (No. 4 coil input)

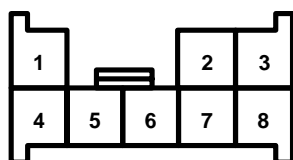


# Connector Views

## 102. Front Passenger's Power Seat Switch

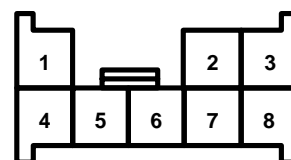
- Gray
- On front passenger's power seat wire harness
- Right side of front passenger's seat

### Connector A

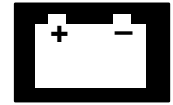


- 1 —
- 2 —
- 3 —
- 4 WHT/RED (Fuse 52)
- 5 YEL/RED (Recline motor control)
- 6 YEL (Recline motor control)
- 7 —
- 8 BLK (G641)

### Connector B



- 1 RED/YEL (Slide motor control)
- 2 —
- 3 RED (Slide motor control)
- 4 BLK (G641)
- 5 —
- 6 —
- 7 WHT/RED (Fuse 52)
- 8 —



# Connector Views

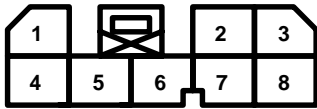
## 103. Climate Control Unit

- Center of dash
- On A/C wire harness

### Connector A

'96-'03:

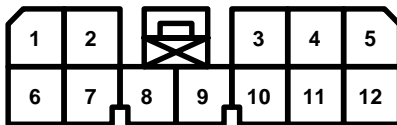
- Gray



- 1 BLK/YEL (Ignition input)
- 2 PNK/BLU (Sensor ground)
- 3 GRY (5V reference)
- 4 WHT/YEL (Fuse 56)
- 5 RED (Illumination –)
- 6 RED/BLK (Illumination +)
- 7 BLK (G402)
- 8 BLU/RED (Blower motor control feedback)

'04:

- Gray

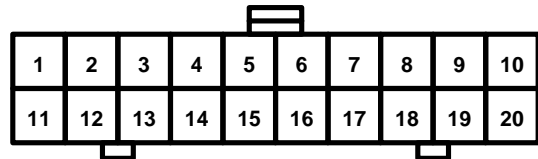


- 1 BLK/YEL (Ignition input)
- 2 RED/BLK (Illumination +)
- 3 GRY (5V reference)
- 4 LT GRN (SI)
- 5 BRN/WHT (SO)
- 6 WHT/YEL (Fuse 56)
- 7 RED (Illumination –)
- 8 BLU/RED (Blower motor control feed)
- 9 —
- 10 BLK (G402)
- 11 PNK/BLU (Sensor ground)
- 12 YEL (CLK2)

### Connector B

'96-'03:

- Black



- 1 ORN (Power transistor control)
- 2 —
- 3 —
- 4 BRN (Evaporator temperature input)
- 5 BRN/WHT (Outside air temperature input)
- 6 BRN/BLK (In-car temperature input)
- 7 BLU (Mode motor defrost)
- 8 LT GRN/RED (Mode motor vent)
- 9 RED/YEL (Air mix hot)
- 10 RED (Air mix cool)
- 11 '99-'03 Navigation: YEL/GRN (Rear window defogger)
- 12 YEL/BLK (A/C ON output)
- 13 LT GRN (Blower motor high relay control)
- 14 LT GRN/BLK (Mode motor position)
- 15 PNK/BLK (Air mix position)
- 16 WHT/RED (Sunlight sensor input)
- 17 RED/WHT (ECT sensor input)
- 18 —
- 19 GRN/RED (Recirc)
- 20 GRN/WHT (Fresh)

'04:

- Black

- 1 —
- 2 —
- 3 BRN (Evaporator temperature input)
- 4 BRN/WHT (Outside air temperature input)
- 5 BRN/BLK (In-car temperature input)
- 6 YEL/BLK (A/C ON output)
- 7 LT GRN (Blower motor high relay control)
- 8 GRN/RED (Recirc.)
- 9 LT GRN/RED (Mode motor vent)
- 10 RED (Air mix cool)
- 11 BLK/WHT (Dash lights cancel)
- 12 LT GRN/BLK (Mode motor position)
- 13 PNK/BLK (Air mix position)
- 14 WHT/RED (Sunlight sensor input)
- 15 RED/WHT (ECT sensor input)
- 16 ORN (Power transistor control)
- 17 YEL/GRN (Rear window defogger)
- 18 GRN/WHT (Fresh)
- 19 BLU (Mode motor defrost)
- 20 RED/YEL (Air mix xool)



# Connector Views

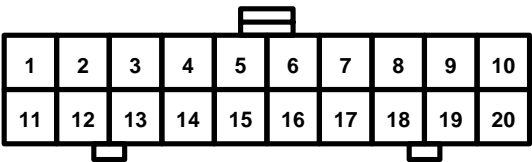
## 104. Navigation Unit

– Left front of trunk

'96-'99:

### Connector A

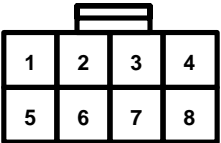
- Black
- On right side wire harness



- |                       |                          |
|-----------------------|--------------------------|
| 1 —                   | 11 —                     |
| 2 —                   | 12 —                     |
| 3 —                   | 13 ORN (SH DISP BUS)     |
| 4 BLK (DISP BUS +)    | 14 WHT (DISP BUS –)      |
| 5 —                   | 15 —                     |
| 6 —                   | 16 GRY/BLU (SH AUDIO GU) |
| 7 BLU (AUDIO GU)      | 17 PNK (GND AUDIO GU)    |
| 8 WHT (R SIG 1)       | 18 YEL (B SIG 1)         |
| 9 RED (G SIG 1)       | 19 BRN (C SIG 1)         |
| 10 BRN/YEL (SH SIG 1) | 20 BLU (GND SIG 1)       |

### Connector B

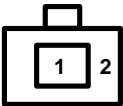
- Black
- On right side wire harness



- |                 |                     |
|-----------------|---------------------|
| 1 WHT/YEL (+B)  | 5 GRN/BLK (BACK LT) |
| 2 WHT/YEL (ACC) | 6 BLU/WHT (VSP)     |
| 3 WHT/BLU (CHG) | 7 GRN/RED (DIAG P)  |
| 4 BLK (GND)     | 8 BLU/GRN (DIAG N)  |

### Connector C

- Black
- To GPS antenna



- 1 GRY (RF)



# Connector Views

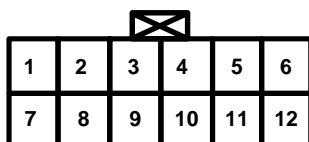
## 104. Navigation Unit

– Left front of trunk

'00-'03:

### Connector A

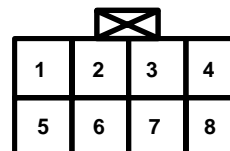
- Black
- On right side wire harness



- |                    |                       |
|--------------------|-----------------------|
| 1 —                | 7 —                   |
| 2 —                | 8 YEL/BLU (AMP SW +B) |
| 3 —                | 9 —                   |
| 4 WHT (R SIG)      | 10 YEL (B SIG)        |
| 5 RED (G SIG)      | 11 BRN (C SIG)        |
| 6 BRN/YEL (SH SIG) | 12 BLU (GND SIG)      |

### Connector C

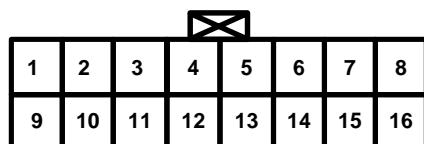
- Black
- On right side wire harness



- |                 |                     |
|-----------------|---------------------|
| 1 WHT/YEL (+B)  | 5 GRN/BLK (BACK LT) |
| 2 WHT/YEL (ACC) | 6 BLU/WHT (VSP)     |
| 3 WHT/BLU (CHG) | 7 GRN/RED (DIAG P)  |
| 4 BLK (GND)     | 8 BLU/GRN (DIAG N)  |

### Connector B

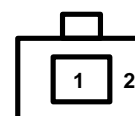
- Black
- On right side wire harness



- |                      |                       |
|----------------------|-----------------------|
| 1 —                  | 9 WHT (RG L+)         |
| 2 BRN/BLK (SH RG)    | 10 BLK (GND RG)       |
| 3 LT GRN (MUTE)      | 11 —                  |
| 4 —                  | 12 —                  |
| 5 —                  | 13 —                  |
| 6 —                  | 14 —                  |
| 7 BLK (DISP BUS (+)) | 15 WHT (DISP BUS (-)) |
| 8 RED/BLK (ILL+)     | 16 ORN (SH DISP BUS)  |

### Connector D

- Gray
- To GPS antenna



- |             |
|-------------|
| 1 (GPS)     |
| 2 (GND GPS) |



# Connector Views

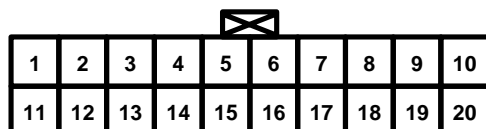
## 104. Navigation Unit

– Left front of trunk

'04:

### Connector A

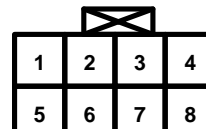
- Black/White
- On right side wire harness



- |                     |                     |
|---------------------|---------------------|
| 1 WHT (R SIG)       | 11 YEL (B SIG)      |
| 2 RED (G SIG)       | 12 BRN (C SIG)      |
| 3 BRN/YEL (SH SIG)  | 13 BLU (GND SIG)    |
| 4 —                 | 14 —                |
| 5 RED/BLK (ILL +)   | 15 —                |
| 6 —                 | 16 —                |
| 7 —                 | 17 —                |
| 8 RED/BLK (ILL+)    | 18 —                |
| 9 ORN (SH DISP BUS) | 19 —                |
| 10 BLK (DISP BUS +) | 20 WHT (DISP BUS –) |

### Connector C

- Black/White
- On right side wire harness



- |  |
|--|
| 1 WHT/YEL (Fuse 56)                    |
| 2 WHT/YEL (Fuse 2)                     |
| 3 —                                    |
| 4 BLK (G603)                           |
| 5 GRN/BLK (Back LT)                    |
| 6 BLU/WHT (VSS)                        |
| 7 GRN/RED (Navigation check connector) |
| 8 BLU/GRN (Navigation check connector) |

### Connector B

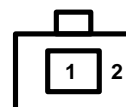
- Green
- On right side wire harness



- |                |                    |
|----------------|--------------------|
| 1 —            | 8 —                |
| 2 —            | 9 —                |
| 3 —            | 10 GRY (STRG SW)   |
| 4 —            | 11 BRN/BLK (SH RG) |
| 5 WHT (GND RG) | 12 BLK (RG LT)     |
| 6 BLU (MIC +)  | 13 LT BLU (MIC SH) |
| 7 —            | 14 PNK (MIC –)     |

### Connector E

- Gray
- To GPS antenna



- |             |
|-------------|
| 1 (GPS)     |
| 2 (GND GPS) |





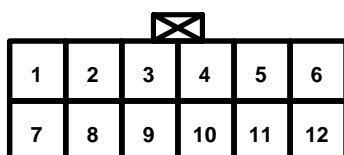
# Connector Views

## 105. Power Mirror Control Unit

- Black
- On driver's door wire harness ('96-'01)
- Center of driver's door ('96-'01)
- On front passenger's door wire harness ('02-'04)
- Center of front passenger's door ('02-'04)

'96-'01:

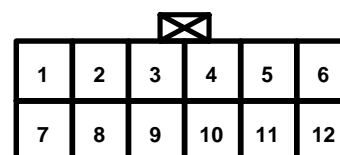
### Connector A



- |                                      |                             |
|--------------------------------------|-----------------------------|
| 1 LT GRN/RED<br>(Communication line) | 8 —                         |
| 2 —                                  | 9 YEL (Switch 3 input)      |
| 3 BLU/GRN (Switch 3 input)           | 10 BLU (Switch 2 input)     |
| 4 BLU/ORN (Switch 2 input)           | 11 YEL/BLK (Ignition input) |
| 5 RED/WHT (Switch 1 input)           | 12 BLK                      |
| 6 WHT/YEL (Fuse 56)                  | '96-'98: (G401)             |
| 7 BLK/WHT<br>(Communication line)    | '99-'01: (G251)             |
|                                      | '02-'04: (G402)             |

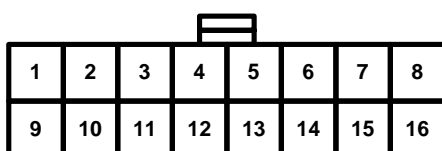
'02-'03:

### Connector A



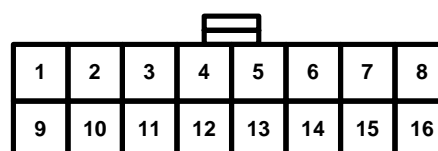
- |                                      |                                |
|--------------------------------------|--------------------------------|
| 1 LT GRN/RED<br>(Communication line) | 7 BLK/WHT (Communication line) |
| 2 —                                  | 8 —                            |
| 3 BLU/GRN (Switch 3 input)           | 9 YEL (Switch 3 input)         |
| 4 BLU/ORN (Switch 2 input)           | 10 BLU (Switch 2 input)        |
| 5 RED/WHT (Switch 1 input)           | 11 YEL/BLK (Ignition input)    |
| 6 WHT/YEL (Fuse 56)                  | 12 BLK (G402)                  |

### Connector B



- |                                  |                                |
|----------------------------------|--------------------------------|
| 1 '96-'98: RED/YEL (Fuse 54)     | 9 BLK                          |
| '99-'03: WHT/YEL (Fuse 56)       | '96-'98: (G401)                |
| 2 YEL (Left/right motor control) | '99-'01: (G401)                |
| 3 BRN (Common)                   | '02-'04: (G402)                |
| 4 YEL (Left/right motor control) | 10 BLU (Up/down motor control) |
| 5 —                              | 11 BRN (Common)                |
| 6 GRN/WHT (Swing sensor input)   | 12 BLU (Up/down motor control) |
| 7 GRN (Swing sensor input)       | 13 —                           |
| 8 RED/BLK (Common)               | 14 GRY (Tilt sensor input)     |
|                                  | 15 GRY (Tilt sensor input)     |
|                                  | 16 BRN/WHT (Common)            |

### Connector B



- |                                  |                                |
|----------------------------------|--------------------------------|
| 1 WHT/YEL (Fuse 56)              | 9 BLK (G402)                   |
| 2 YEL (Left/right motor control) | 10 BLU (Up/down motor control) |
| 3 BRN (Common)                   | 11 BRN (Common)                |
| 4 YEL (Left/right motor control) | 12 BLU (Up/down motor control) |
| 5 —                              | 13 —                           |
| 6 GRN/WHT (Swing sensor input)   | 14 GRY (Tilt sensor input)     |
| 7 GRN (Swing sensor input)       | 15 GRY (Tilt sensor input)     |
| 8 RED/BLK (Common)               | 16 BRN/WHT (Common)            |



# Connector Views

## 106. Stereo Amplifier

– Right front of trunk

'96:

### Connector A

– Gray  
– On right side wire harness



- |                               |                             |
|-------------------------------|-----------------------------|
| 1 BRN/WHT (Right rear door –) | 10 BLK (LF – input)         |
| 2 RED/YEL (Right rear door +) | 11 BRN (RF – input)         |
| 3 GRY/BLU (Left rear door +)  | 12 BLU (RF + input)         |
| 4 YEL/BLU (Left rear door –)  | 13 GRN (LR – input)         |
| 5 BLU/BLK (Left rear –)       | 14 RED (RR – input)         |
| 6 BLU/YEL (Right rear –)      | 15 ORN (LR + input)         |
| 7 PNK (Right rear +)          | 16 YEL (RR + input)         |
| 8 GRY/RED (Left tweeter –)    | 17 BLU/WHT (Left rear +)    |
| 9 WHT (LF + input)            | 18 BLU/BLK (Left tweeter +) |

'97-'03:

### Connector A

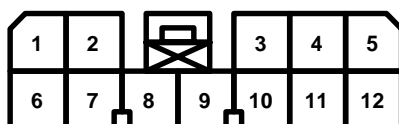
– Gray  
– On right side wire harness



- |                               |                             |
|-------------------------------|-----------------------------|
| 1 BRN/WHT (Right rear door –) | 10 BLK (LF – input)         |
| 2 RED/YEL (Right rear door +) | 11 BRN (RF – input)         |
| 3 GRY/BLU (Left rear door +)  | 12 BLU (RF + input)         |
| 4 YEL/BLU (Left rear door –)  | 13 GRN (LR – input)         |
| 5 BLU/BLK (Left rear –)       | 14 RED (RR – input)         |
| 6 BLU/YEL (Right rear –)      | 15 ORN (LR + input)         |
| 7 PNK (Right rear +)          | 16 YEL (RR + input)         |
| 8 GRY/RED (Left tweeter –)    | 17 BLU/WHT (Left rear +)    |
| 9 WHT (LF + input)            | 18 BLU/BLK (Left tweeter +) |

### Connector B

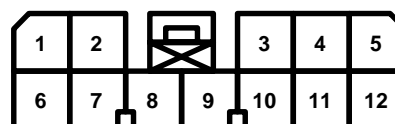
– Gray  
– On right side wire harness



- |                             |                             |
|-----------------------------|-----------------------------|
| 1 BRN (Frt. pass. –)        | 7 GRY/RED (Right tweeter –) |
| 2 GRN/YEL (Right tweeter +) | 8 BLK (G603)                |
| 3 LT GRN (Driver's door +)  | 9 BLK (G603)                |
| 4 BLK/RED (Driver's door –) | 10 BLK (Shield ground)      |
| 5 WHT/BLU (Fuse 16)         | 11 YEL/BLU (Power input)    |
| 6 RED (Frt. pass. +)        | 12 WHT/BLU (Fuse 16)        |

### Connector B

– Gray  
– On right side wire harness



- |                             |                             |
|-----------------------------|-----------------------------|
| 1 BRN (Frt. pass. –)        | 7 GRY/RED (Right tweeter –) |
| 2 GRN/YEL (Right tweeter +) | 8 BLK (G603)                |
| 3 LT GRN (Driver's door +)  | 9 BLK (G603)                |
| 4 BLK/RED (Driver's door –) | 10 BLK (Shield ground)      |
| 5 WHT/BLU (Fuse 16)         | 11 YEL/BLU (Power input)    |
| 6 RED (Frt. pass. +)        | 12 WHT/BLU (Fuse 16)        |



# Connector Views

## 106. Stereo Amplifier

– Right front of trunk

'04:

### Connector A

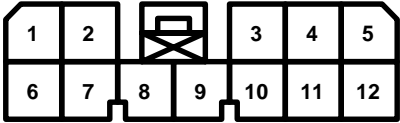
- Gray
- On right side wire harness



- |                               |                             |
|-------------------------------|-----------------------------|
| 1 BRN/WHT (Right rear door –) | 10 BLK (LF – input)         |
| 2 RED/YEL (Right rear door +) | 11 BRN (RF – input)         |
| 3 GRY/BLU (Left rear door +)  | 12 BLU (RF + input)         |
| 4 YEL/BLU (Left rear door –)  | 13 GRN (LR – input)         |
| 5 BLU/BLK (Left rear –)       | 14 RED (RR – input)         |
| 6 BLU/YEL (Right rear –)      | 15 ORN (LR + input)         |
| 7 PNK (Right rear +)          | 16 YEL (RR + input)         |
| 8 GRY/RED (Left tweeter –)    | 17 BLU/WHT (Left rear +)    |
| 9 WHT (LF + input)            | 18 BLU/BLK (Left tweeter +) |

### Connector B

- Gray
- On right side wire harness



- |                             |                             |
|-----------------------------|-----------------------------|
| 1 BRN (Frt. pass. –)        | 7 GRY/RED (Right tweeter –) |
| 2 GRN/YEL (Right tweeter +) | 8 BLK (G603)                |
| 3 LT GRN (Driver's door +)  | 9 BLK (G603)                |
| 4 BLK/RED (Driver's door –) | 10 BLK (Shield ground)      |
| 5 WHT/BLU (Fuse 9)          | 11 YEL/BLU (Power input)    |
| 6 RED (Frt. pass. +)        | 12 WHT/BLU (Fuse 9)         |



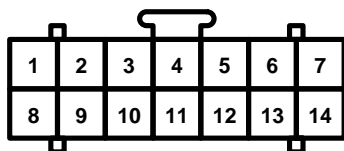
# Connector Views

## 107. TCS Control Unit ('96-'99)

– Left front corner of trunk

### Connector A

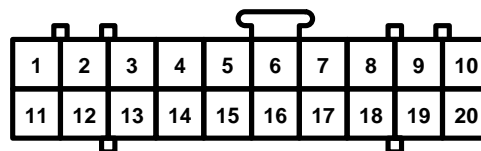
- Blue
- On right side wire harness



- |                    |                       |
|--------------------|-----------------------|
| 1 WHT/GRN (FRP)    | 8 LT GRN/RED (TC-INH) |
| 2 BLU/GRY (WARN 1) | 9 GRY (STR-B)         |
| 3 WHT/RED (FLP)    | 10 PNK/BLK (TC-STB)   |
| 4 BRN/BLK (LG1)    | 11 WHT/BLK (TC-SW)    |
| 5 GRY/BLK (RRP)    | 12 BLU/WHT (VREF)     |
| 6 RED (TCV)        | 13 BRN/YEL (STR-A)    |
| 7 GRY/WHT (RLP)    | 14 RED/BLK (TPS)      |

### Connector B

- Blue
- On right side wire harness



- |                      |                      |
|----------------------|----------------------|
| 1 BLK/YEL (IG1)      | 11 GRN/WHT (STOP)    |
| 2 GRN/RED (PARK)     | 12 BLU (NEP)         |
| 3 RED (SCS)          | 13 GRN/ORN (BARO)    |
| 4 BLU (STR-GND)      | 14 BLK/ORN (TC-FC)   |
| 5 PNK/BLU (AT-SHIFT) | 15 BRN/BLK (IG2)     |
| 6 BLK/WHT (FSR)      | 16 WHT/BLU (STR-VCC) |
| 7 —                  | 17 BLU/GRY (WARN 2)  |
| 8 —                  | 18 BLK (SH-MOT)      |
| 9 BLK (PMG)          | 19 GRN (MOT +)       |
| 10 BRN/WHT (VPM)     | 20 BRN (MOT -)       |



# Connector Views

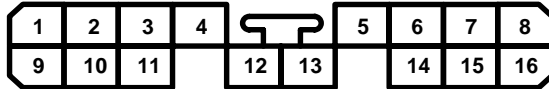
## 108. Audio Unit

- Center of dash
- On main wire harness

'96-'98 (Standard):

### Connector A

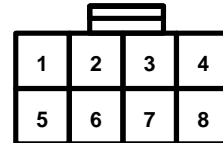
- Gray or White



- |                            |   |
|----------------------------|---|
| 1 GRN/YEL (RF+)            | 10 WHT (LF –)                             |
| 2 PNK (LF +)               | 11 YEL/RED<br>(Not used)                  |
| 3 RED/BLK (Illumination +) | 12 RED (Illumination –)                   |
| 4 WHT/YEL (Fuse 56)        | 13 GRN/RED<br>(Radio remote switch input) |
| 5 WHT/RED (Ignition input) | 14 BLK (G403)                             |
| 6 —                        | 15 GRY (LR –)                             |
| 7 BLU/YEL (LR +)           | 16 BRN/WHT (RR –)                         |
| 8 RED/YEL (RR +)           |   |
| 9 GRY/RED (RF –)           |   |

### Connector B

- Black



- |                                      |
|--------------------------------------|
| 1 —                                  |
| 2 WHT (Left rear door –)             |
| 3 BLU/ORN (Right rear door –)        |
| 4 —                                  |
| 5 BLK (G402)                         |
| 6 ORN (Left rear door +)             |
| 7 BLU/BLK (Right rear door +)        |
| 8 Except Navi: BLU (Security output) |



# Connector Views

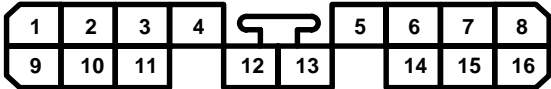
## 108. Audio Unit

- Center of dash
- On main wire harness

'96 (Bose):

### Connector A

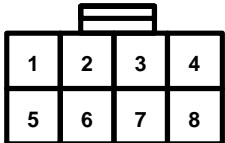
- Gray or White



- |                            |                             |
|----------------------------|-----------------------------|
| 1 BLU (RF +)               | 10 BLK (LF -)               |
| 2 WHT (LF +)               | 11 YEL/RED (Not used)       |
| 3 RED/BLK (Illumination +) | 12 RED (Illumination -)     |
| 4 WHT/YEL (Fuse 56)        | 13 GRN/RED                  |
| 5 WHT/RED (Ignition input) | (Radio remote switch input) |
| 6 YEL/BLU (Power output)   | 14 BLK (G403)               |
| 7 ORN (LR +)               | 15 GRN (LR -)               |
| 8 YEL (RR +)               | 16 RED (RR -)               |
| 9 BRN (RF -)               |                             |

### Connector B

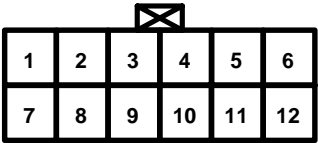
- Black



- |              |                     |
|--------------|---------------------|
| 1 —          | 6 —                 |
| 2 —          | 7 —                 |
| 3 —          | 8 Without Navi: BLU |
| 4 —          | With Navi: GRN      |
| 5 BLK (G402) | (Security output)   |

### Connector C (Navigation only)

- Black
- On main wire harness



- |                     |                           |
|---------------------|---------------------------|
| 1 —                 | 7 —                       |
| 2 —                 | 8 —                       |
| 3 —                 | 9 —                       |
| 4 BLU               | 10 PNK                    |
| (Audio guidance)    | (Ground – audio guidance) |
| 5 —                 | 11 —                      |
| 6 RED (Audio bus +) | 12 BLU (Audio bus -)      |



# Connector Views

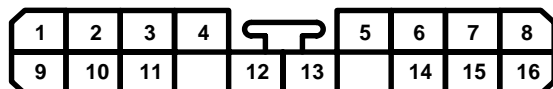
## 108. Audio Unit

- Center of dash
- On main wire harness

'97-'03 (Bose):

### Connector A ('96-'03)

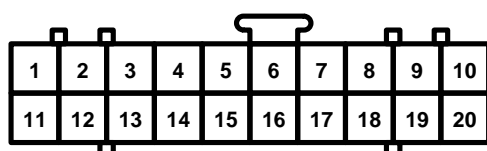
- Gray or White



- |                                     |  |
|-------------------------------------|--|
| 1 BLU (RF +)                        | 10 BLK (LF –)                          |
| 2 WHT (LF +)                        | 11 Except '02 USA: YEL/RED (Not used)  |
| 3 RED/BLK (Illumination +)          | '02 USA: PNK (OnStar system)           |
| 4 WHT/YEL (Fuse 56)                 | 12 RED (Illumination –)                |
| 5 WHT/RED (Switched ignition input) | 13 GRN/RED (Radio remote switch input) |
| 6 YEL/BLU (Power output)            | 14 BLK (G403)                          |
| 7 ORN (LR +)                        | 15 GRN (LR –)                          |
| 8 YEL (RR +)                        | 16 RED (RR –)                          |
| 9 BRN (RF –)                        |  |

### Connector A ('04)

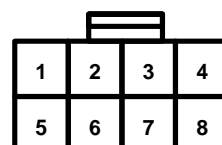
- Light Blue



- |                                     |                            |
|-------------------------------------|----------------------------|
| 1 YEL/BLU (Amplifier power)         | 10 WHT/YEL (Fuse 56)       |
| 2 WHT/RED (Switched ignition input) | 11 BLU/RED (OnStar system) |
| 3 WHT/BLU (Steering wheel controls) | 12 WHT (OnStar system)     |
| 4 BLU or GRN (Security system)      | 13 WHT (RG L+)             |
| 5 YEL (RR +)                        | 14 PNK (OnStar system)     |
| 6 ORN (LR +)                        | 15 RED (RR –)              |
| 7 BLU (RF +)                        | 16 GRN (LR –)              |
| 8 WHT (LF +)                        | 17 BRN (RF –)              |
| 9 RED/BLK (Illumination +)          | 18 BLK (LF –)              |
|                                     | 19 RED (Illumination –)    |
|                                     | 20 BLK (G403)              |

### Connector B ('96-'03)

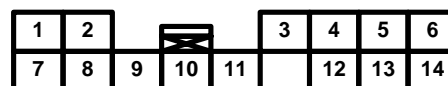
- Black



- |   |                                       |
|---|---------------------------------------|
| 1 —   | 5 BLK (G402)                          |
| 2 '02 USA without Navi: BLU/RED (OnStar system) | 6 —                                   |
| 3 '02 USA without Navi: WHT (OnStar system)     | 7 —                                   |
| 4 —   | 8 Without Navi: BLU (Security output) |
|   | With Navi: GRN                        |

### Connector B ('04)

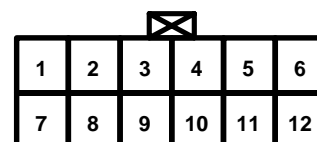
- White



- |                           |                            |
|---------------------------|----------------------------|
| 1 WHT/YEL (Power)         | 8 BLU/RED (OnStar system)  |
| 2 WHT/RED (Acc power)     | 9 BLK (Navigation system)  |
| 3 ORN (Navigation system) | 10 WHT (Navigation system) |
| 4 GRY (Shield)            | 11 BLK (G403)              |
| 5 WHT (Right +)           | 12 —                       |
| 6 RED (Left +)            | 13 BLK (Right –)           |
| 7 WHT/YEL (Power)         | 14 GRN (Left –)            |

### Connector C (Navigation only) ('99-'03)

- Black



- |  |  |
|--|--|
| 1 —  | 8 '02-'04 USA: BLU/RED (OnStar system)                 |
| 2 —  | 9 '02-'03 USA: WHT (OnStar system)                     |
| 3 —  | 10 '96-'99: PNK '00-'03: BLK (Ground – audio guidance) |
| 4 '96-'99: BLU '00-'03: WHT (Audio guidance) | 11 '00-'01: BRN/BLK (Shield – audio guidance)          |
| 5 —  | 12 '97-'99: BLU (Audio bus –)                          |
| 6 '97-'99: RED (Audio bus +)                 |  |
| 7 '00-'04: LT GRN (Mute)                     |  |



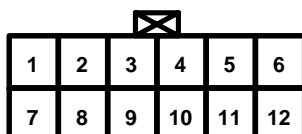
# Connector Views

## 109. Steering Column Control Unit

– Right of steering column

### Connector A

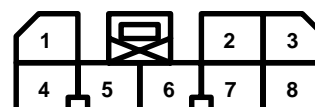
– Black  
– On main wire harness



- 1 LT GRN/RED (Comm. line)
- 2 —
- 3 RED/GRN (Indicator 1 control)
- 4 BLU/WHT (Ign. key sw. input)
- 5 BLK/YEL (Fuse 20)
- 6 WHT/YEL (Fuse 56)
- 7 BLK/WHT (Comm. line)
- 8 —
- 9 RED (Indicator 2 control)
- 10 BLK/BLU (Park input)
- 11 BLU/WHT (VSS input)
- 12 BLK
- '96-'98: (G401)
- '99-'04: (G251)

### Connector C

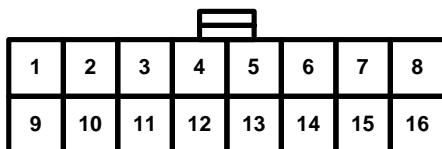
– Blue  
– On main wire harness



- 1 BLK
- '96-'98: (G401)
- '99-'04: (G251)
- 2 BRN (Tilt output)
- 3 RED/YEL (Fuse 54)
- 4 —
- 5 GRY/RED (Ext./ret. output)
- 6 PNK/BLK (Ext./ret. output)
- 7 LT GRN (Tilt output)
- 8 —

### Connector B

– Black  
– On main wire harness



- 1 BLU (Tilt pos. input)
- 2 GRY (Common)
- 3 —
- 4 LT BLU (Auto input)
- 5 RED/BLK (Retract input)
- 6 BLU/ORN (Up input)
- 7 BLU/WHT (Pos. 1 input)
- 8 YEL/WHT (Memory input)
- 9 PNK (Ext./ret. pos. input)
- 10 BRN (Common)
- 11 —
- 12 —
- 13 RED (Extend input)
- 14 BLU/BLK (Down input)
- 15 BLU/YEL (Pos. 2 input)
- 16 YEL/BLU (Common)





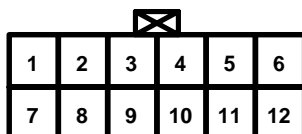
# Connector Views

## 110. Power Seat Control Unit

– Underside of driver's seat

### Connector A

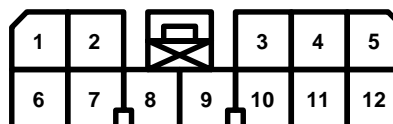
- Black
- On driver's power seat wire harness



- 1 LT GRN/RED (Communication line)
- 2 —
- 3 —
- 4 GRN/BLK (Common)
- 5 BLK/YEL (Ignition input)
- 6 WHT/YEL (Fuse 56)
- 7 BLK/WHT (Communication line)
- 8 —
- 9 —
- 10 —
- 11 —
- 12 BLK
- '96-'98: (G401)
- '99-'04: (G251)

### Connector C

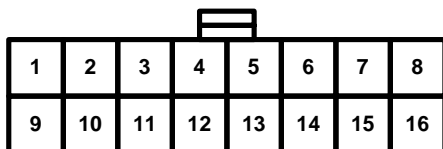
- Gray or Black
- On driver's power seat wire harness



- 1 BLK (G651)
- 2 GRN (Rear up-down motor control)
- 3 RED (Recline motor control)
- 4 YEL (Slide motor control)
- 5 RED/WHT (Fuse 11)
- 6 BLK (G651)
- 7 BLU/GRN (Rear up-down motor control)
- 8 BRN/WHT (Front up-down motor control)
- 9 ORN (Front up-down motor control)
- 10 GRY (Recline motor control)
- 11 LT GRN (Slide motor control)
- 12 WHT/RED (Fuse 8)

### Connector B

- Black
- On driver's power seat wire harness



- 1 YEL/BLK (Front up-down position input)
- 2 YEL/GRN (Slide position input)
- 3 GRN/ORN (Rear up input)
- 4 GRN/BLU (Front up input)
- 5 WHT/YEL (Recline forward input)
- 6 BLU (Slide forward input)
- 7 —
- 8 —
- 9 WHT (Rear up-down position input)
- 10 WHT/RED (Recline position input)
- 11 BRN/BLK (Rear down input)
- 12 RED/BLK (Front down input)
- 13 ORN/GRN (Recline backward input)
- 14 ORN/BLU (Slide backward input)
- 15 —
- 16 BRN (Common)



# Connector Views

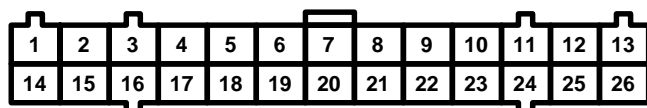
## 111. ABS Control Unit ('96-'99)

– Above right kick panel

'96-'97:

### Connector A

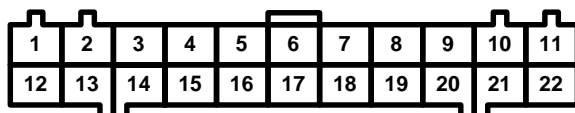
- Orange
- On main wire harness



- |                   |                     |
|-------------------|---------------------|
| 1 RED/BLU (FL-IN) | 14 YEL/BLU (FL-OUT) |
| 2 RED/BLK (FR-IN) | 15 YEL/BLK (FR-OUT) |
| 3 RED/WHT (R-IN)  | 16 YEL/WHT (R-OUT)  |
| 4 WHT/RED (FLP)   | 17 GRN (MCK)        |
| 5 WHT/BLU (CHG)   | 18 GRY/WHT (RLP)    |
| 6 WHT/GRN (FRP)   | 19 YEL (P-SW)       |
| 7 —               | 20 GRY/BLK (RRP)    |
| 8 —               | 21 —                |
| 9 —               | 22 —                |
| 10 RED (SCS)      | 23 —                |
| 11 GRN/RED (PARK) | 24 BLU/WHT (WARN 2) |
| 12 BLK (FR-GND)   | 25 BLK (FL-GND)     |
| 13 WHT/BLK (+ B2) | 26 BLK (L-GND)      |

### Connector B

- Orange
- On main wire harness

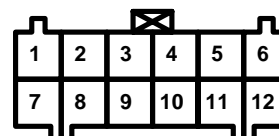


- |                     |                      |
|---------------------|----------------------|
| 1 YEL/GRN (FSR)     | 12 GRN/WHT (STOP)    |
| 2 BRN (FLW (-))     | 13 LT BLU (RLW (+))  |
| 3 GRN/BLU (FLW (+)) | 14 GRY (RLW (-))     |
| 4 GRN (FRW (-))     | 15 GRN/YEL (RRW (+)) |
| 5 GRN/BLK (FRW (+)) | 16 BLU/YEL (RRW (-)) |
| 6 —                 | 17 —                 |
| 7 —                 | 18 BLK/ORN (COM (-)) |
| 8 —                 | 19 —                 |
| 9 —                 | 20 BLU/WHT (WARN 1)  |
| 10 BLK (R-GND)      | 21 YEL/RED (PMR)     |
| 11 YEL/BLK (IG2)    | 22 BLK (L-GND)       |

'98-'99:

### Connector A

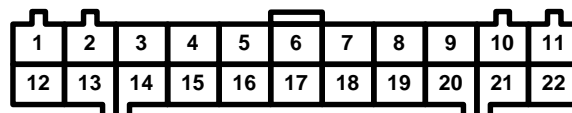
- Orange
- On main wire harness



- |                    |                    |
|--------------------|--------------------|
| 1 BLU/WHT (WALP)   | 7 BLK (GND2)       |
| 2 BLK (GND1)       | 8 YEL (RR-IN)      |
| 3 BLK/ORN (RR-OUT) | 9 RED/BLU (FL-IN)  |
| 4 YEL/BLU (FL-OUT) | 10 RED/WHT (RL-IN) |
| 5 YEL/WHT (RL-OUT) | 11 RED/BLK (FR-IN) |
| 6 YEL/BLK (FR-OUT) | 12 YEL/RED (PMR)   |

### Connector B

- Orange
- On main wire harness



- |                     |                      |
|---------------------|----------------------|
| 1 BLK (GND3)        | 12 BLK (GND4)        |
| 2 —                 | 13 GRY/WHT (RLP)     |
| 3 WHT/RED (FLP)     | 14 RED (SCS)         |
| 4 GRN/RED (PARK)    | 15 GRY/BLK (RRP)     |
| 5 WHT/GRN (FRP)     | 16 GRN (MCK)         |
| 6 BRN (FLW (-))     | 17 LT BLU (RLW (+))  |
| 7 GRN/BLU (FLW (+)) | 18 GRY (RLW (-))     |
| 8 GRN (FRW (-))     | 19 GRN/YEL (RRW (+)) |
| 9 GRN/BLK (FRW (+)) | 20 BLU/YEL (RRW (-)) |
| 10 GRN/WHT (STOP)   | 21 YEL/GRN (FSR)     |
| 11 YEL/BLK (IG2)    | 22 RED (DLC)         |



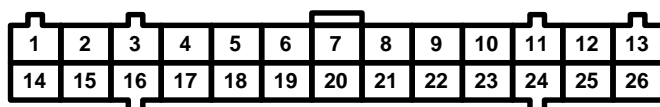
# Connector Views

## 112. Passenger's Multiplex Control Unit

– Behind right kick panel

### Connector A

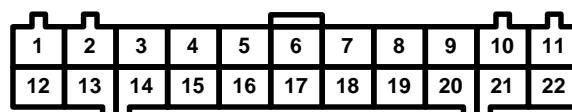
- Gray
- On main wire harness



- 1 WHT/YEL (Fuse 56)
- 2 BLK (G402)
- 3 BLK (G402)
- 4 BLK/RED (Frt. pass. power window control)
- 5 YEL (Trunk opener main switch input)
- 6 Except '99-'04 Navigation: YEL/BLU (Rear defogger ON input)
- 7 GRN/ORN (Hood switch input)
- 8 BLU (Audio unit input)
- 9 RED/YEL (A-D line)
- 10 PNK/BLU (Wake up)
- 11 —
- 12 WHT (Fuse 44)
- 13 WHT/RED (Driver's/left rear door lock control)
- 14 YEL (Ignition input)
- 15 RED (Dim control)
- 16 BLK (G404)
- 17 BLU/BLK (Frt. pass. power window control)
- 18 YEL/RED (Engine oil pressure input)
- 19 Except '99-'04 Navigation: YEL/GRN (Rear defogger ON output)
- 20 WHT/BLU (Engine running input)
- 21 BLU/RED (Frt. pass. knob switch input)
- 22 BRN/WHT (D-A line)
- 23 GRN/RED (Frt. pass. door switch input)
- 24 —
- 25 LT GRN/BLK (Driver's door lock control)
- 26 YEL/RED (Left rear door lock control)

### Connector B

- Gray
- On right side wire harness



- 1 WHT/RED (Frt. pass./right rear door lock control)
- 2 —
- 3 PNK/BLU (Trunk)
- 4 RED/WHT (Lock)
- 5 BLU/GRN (Trunk latch switch input)
- 6 YEL/GRN (Right rear power window control)
- 7 RED/BLU (Right rear door knob switch input)
- 8 GRN/WHT (Frt. pass. door lock switch input – unlock)
- 9 GRN/RED (Frt. pass. door lock cylinder switch input – unlock)
- 10 BLU/RED (Interior light control)
- 11 WHT/BLK (Trunk opener solenoid control)
- 12 YEL/RED (Frt. pass./right rear door lock control)
- 13 —
- 14 YEL/BLK (Panic)
- 15 GRN (Unlock)
- 16 —
- 17 YEL (Right rear power window control)
- 18 GRN/ORN (Right rear door switch input)
- 19 GRN/RED (Frt. pass door lock switch input – lock)
- 20 GRN/WHT (Frt. pass. door lock cylinder switch input – lock)
- 21 LT GRN/BLK (Courtesy light control)
- 22 PNK/BLK (Multiplex check connector input)



# Connector Views

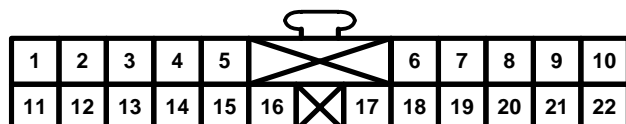
## 113. Gauge Assembly

- Left side of dash
- On dashboard wire harness

'96-'97:

### Connector A

- Green



- 1 BLU (RPM input)
- 2 —
- 3 YEL/RED (Engine oil pressure indicator control)
- 4 LT GRN/RED (MIL control)
- 5 WHT/BLU (Charging system light control)
- 6 WHT/YEL (Fuse 56)
- 7 BLU/GRY (TCS indicator control)
- 8 BLU/RED (Low fuel indicator control)
- 9 BLK (G401)
- 10 BLK (G401)
- 11 BLK/YEL (Fuse 20)
- 12 GRN/YEL (Right turn signal indicator control)
- 13 PNK/BLU (Left turn signal indicator control)
- 14 —
- 15 GRN/WHT (Select switch input)
- 16 BLK/WHT (Reset switch input)
- 17 —
- 18 BLU/WHT (VSS input)
- 19 BRN/WHT (Outside air temperature input)
- 20 GRY (5V reference)
- 21 GRN (Switched ignition input)
- 22 —

### Connector B

- Green



- 1 BLK/WHT (Cancel mode input)
- 2 LT GRN (Dim adjustment input)
- 3 BLU/YEL (Cruise control light control)
- 4 WHT/GRN (Brake light input)
- 5 GRN/RED (Brake system light control)
- 6 —
- 7 GRY (Not used)
- 8 YEL/GRN (ECT sending unit input)
- 9 BLU/GRN (Fuel gauge sending unit input)
- 10 GRN/BLK (Trunk open input)
- 11 GRN/ORN (Right rear door open input)
- 12 GRN/YEL (Left rear door open input)
- 13 GRN/RED (Frt. pass. door open input)
- 14 GRN/BLU (Driver's door open input)
- 15 BLU/WHT (SRS indicator control)
- 16 RED/BLU (High beam indicator –)
- 17 USA: —  
Canada: YEL (DRL indicator control)
- 18 RED/BLK (Lights-on indicator control)
- 19 PNK (Immobilizer indicator control)
- 20 RED/GRN (High beam indicator +)
- 21 RED/BLU (Seat belt reminder light control)
- 22 BLU/WHT (ABS indicator control)
- 23 LT GRN (Park/neutral output)
- 24 BLK/BLU (Park position input)
- 25 WHT (Reverse position input)
- 26 RED (Neutral position input)
- 27 BRN/YEL (D4 indicator control)
- 28 GRN (D3 position input)
- 29 BLU (2 position input)
- 30 BRN (1 position input)



# Connector Views

## 113. Gauge Assembly

- Left side of dash
- On dashboard wire harness

'98-'03:

### Connector A

- Green



- 1 BLU (RPM input)
- 2 '00-'03: YEL/BLU (VSA)
- 3 YEL/RED (Engine oil pressure indicator control)
- 4 LT GRN/RED (MIL control)
- 5 WHT/BLU (Charging system light control)
- 6 WHT/YEL (Fuse 56)
- 7 '98-'99: BLU/GRY (TCS indicator control)
- 8 BLU/RED (Low fuel indicator control)
- 9 BLK
- '98: (G401)
- '99-'03: (G251)
- 10 BLK (G401)
- 11 BLK/YEL (Fuse 20)
- 12 GRN/YEL (Right turn signal indicator control)
- 13 PNK/BLU (Left turn signal indicator control)
- 14 —
- 15 GRN/WHT (Select switch input)
- 16 BLK/WHT (Reset switch input)
- 17 '00-'03: GRN/RED (Brake system light control)
- 18 BLU/WHT (VSS input)
- 19 BRN/WHT (Outside air temperature input)
- 20 GRY (5V reference)
- 21 '99-'03: GRN (SRS)
- 22 WHT/RED (Switched ignition input)

### Connector B

- Green



- 1 BLK/WHT (Cancel mode input)
- 2 LT GRN (Dim adjustment input)
- 3 BLU/YEL (Cruise control light control)
- 4 WHT/GRN (Brake light input)
- 5 GRN/RED (Brake system light control)
- 6 '00-'02 BLU/WHT (VSA)
- 7 '98-'99: GRY (Not used)
- '00-'03: GRY (Brake system indicator light control)
- 8 YEL/GRN (ECT sending unit input)
- 9 BLU/GRN (Fuel gauge sending unit input)
- 10 GRN/BLK (Trunk open input)
- 11 GRN/ORN (Right rear door open input)
- 12 GRN/YEL (Left rear door open input)
- 13 GRN/RED (Frt. pass. door open input)
- 14 GRN/BLU (Driver's door open input)
- 15 BLU/WHT (SRS indicator control)
- 16 RED/BLU (High beam indicator –)
- 17 USA: —
- Canada: YEL (DRL indicator control)
- 18 RED/BLK (Lights-on indicator control)
- 19 PNK (Immobilizer indicator control)
- 20 RED/GRN (High beam indicator +)
- 21 RED/BLU (Seat belt reminder light control)
- 22 '98-'99: BLU/WHT (ABS indicator control)
- '00-'03: LT GRN/RED (VSA)
- 23 LT GRN (Park/neutral output)
- 24 BLK/BLU (Park position input)
- 25 WHT (Reverse position input)
- 26 RED (Neutral position input)
- 27 BRN/YEL (D4 indicator control)
- 28 GRN (D3 position input)
- 29 BLU (2 position input)
- 30 BRN (1 position input)



# Connector Views

## 113. Gauge Assembly

- Left side of dash
- On dashboard wire harness

'04:

### Connector A

- Green



- 1 BLU (RPM input)
- 2 YEL/BLU (VSA)
- 3 YEL/RED (Engine oil pressure indicator control)
- 4 LT GRN/RED (MIL control)
- 5 WHT/BLU (Charging system light control)
- 6 WHT/YEL (Fuse 56)
- 7 —
- 8 BLK (Fuel gauge sending unit input)
- 9 BLK (G251)
- 10 BLK (G401)
- 11 BLK/YEL (Fuse 20)
- 12 GRN/YEL (Right turn signal indicator control)
- 13 PNK/BLU (Left turn signal indicator control)
- 14 —
- 15 GRN/WHT (Select switch input)
- 16 BLK/WHT (Reset switch input)
- 17 GRN/RED (Brake system light control)
- 18 BLU/WHT (VSS input)
- 19 BRN/WHT (Outside air temperature input)
- 20 GRY (5V reference)
- 21 '99-'03: GRN (SRS)
- 22 WHT/RED (Switched ignition input)

### Connector B

- Green



- 1 BLK/WHT (Cancel mode input)
- 2 LT GRN (Dim adjustment input)
- 3 BLU/YEL (Cruise control light control)
- 4 WHT/GRN (Brake light input)
- 5 GRN/ORN (Brake system light control)
- 6 BLU/WHT (VSA)
- 7 GRY (VSA)
- 8 YEL/GRN (ECT sending unit input)
- 9 BLU/GRN (Fuel gauge sending unit input)
- 10 GRN/BLK (Trunk open input)
- 11 GRN/ORN (Right rear door open input)
- 12 GRN/YEL (Left rear door open input)
- 13 GRN/RED (Frt. pass. door open input)
- 14 GRN/BLU (Driver's door open input)
- 15 BLU/WHT (SRS indicator control)
- 16 RED/BLU (High beam indicator –)
- 17 —
- 18 RED/BLK (Lights-on indicator control)
- 19 PNK (Immobilizer indicator control)
- 20 RED/GRN (High beam indicator +)
- 21 RED/BLU (Seat belt reminder light control)
- 22 LT GRN/RED (VSA)
- 23 LT GRN (Park/neutral output)
- 24 BLK/BLU (Park position input)
- 25 WHT (Reverse position input)
- 26 RED (Neutral position input)
- 27 BRN/YEL (D4 indicator control)
- 28 GRN (D3 position input)
- 29 BLU (2 position input)
- 30 BRN (1 position input)



# Connector Views

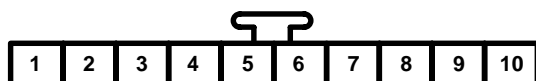
## 113. Gauge Assembly

- Left side of dash
- On dashboard wire harness

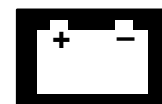
'04:

### Connector C

- Green



- 1 —
- 2 —
- 3 GRN/WHT (Select/reset switch input)
- 4 BLK/WHT (Select/reset switch input)
- 5 —
- 6 Canada: YEL (Headlights system)
- 7 —
- 8 BLU/WHT (Ignition key switch)
- 9 BLU/WHT (Driver's lock knob switch)
- 10 —



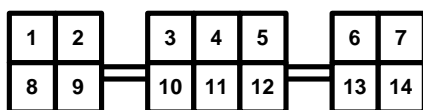
# Connector Views

## 114. Driver's Multiplex Control Unit

– On rear of under-dash fuse/relay box

### Connector A

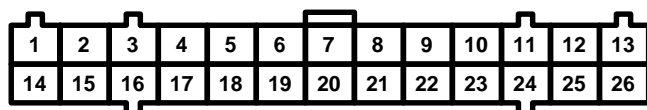
– Connects control unit to under-dash fuse/relay box



- |                               |   |
|-------------------------------|---|
| 1 —                           | 9 —   |
| 2 —                           | 10 (Multiplex control inspection connector input) |
| 3 —                           | 11 (Power window relay control)                   |
| 4 (VSS input)                 | 12 —  |
| 5 —                           | 13 (Ignition input)                               |
| 6 (Wiper park position input) | 14 —  |
| 7 (Battery input)             |   |
| 8 (Ground)                    |   |

### Connector B

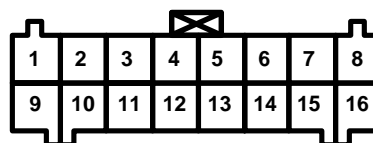
– Gray  
– On main wire harness



- |   |
|---|
| 1 —   |
| 2 BLK/RED (Key interlock switch input)  |
| 3 —   |
| 4 RED/GRN (Lights-on input/taillight relay control)                             |
| 5 GRN (Intermittent ON input)   |
| 6 GRN/YEL (Intermittent dwell timer input)                                      |
| 7 WHT (Security indicator control)  |
| 8 '96-'98: ORN (Horn control)<br>'99-'04: YEL (Security system)                 |
| 9 BRN/WHT (D-A line)  |
| 10 PNK/BLU (Wake up)  |
| 11 —  |
| 12 GRN/WHT (Brake switch input)   |
| 13 WHT/RED (Key interlock solenoid control)                                     |
| 14 —  |
| 15 PNK (Keyless buzzer control)   |
| 16 '96-'98: BLU/RED (Headlight relay control)<br>'99-'04: PNK (Security system) |
| 17 —  |
| 18 GRN/RED (Intermittent wiper control)   |
| 19 GRN/WHT (Intermittent dwell timer input)                                     |
| 20 BLK/WHT (Washer ON input)  |
| 21 —  |
| 22 RED/YEL (A-D line)   |
| 23 BRN/YEL (Door D-line)  |
| 24 —  |
| 25 WHT/BLK (Ignition key light control)   |
| 26 WHT/GRN (Shift lock circuit input)   |

### Connector C

– Gray  
– On left side wire harness



- |  |
|--|
| 1 —  |
| 2 BLK/BLU (Park position input)  |
| 3 LT GRN (Dash lights brightness control)                                |
| 4 —  |
| 5 WHT/BLK (Parking pin switch input)                                     |
| 6 YEL/GRN (Left rear power window control)                               |
| 7 GRY (Left rear lock knob switch input)                                 |
| 8 GRN/ORN (Trunk key cylinder switch input)                              |
| 9 BLU/WHT (Ignition key switch input)                                    |
| 10 GRN (Shift lock solenoid control)                                     |
| 11 BLU/BLK (Dash lights brightness controller)                           |
| 12 —   |
| 13 RED/BLU (Driver's seat belt switch input)                             |
| 14 YEL (Left rear power window control)                                  |
| 15 GRN/YEL (Left rear door switch input)                                 |
| 16 USA: GRN/RED (Brake/park input)<br>Canada: GRN/WHT (Brake/park input) |





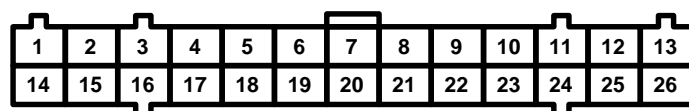
# Connector Views

## 115. Powertrain Control Module (PCM)

– Below right side of dash

### Connector A

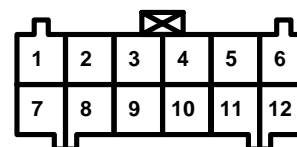
- Blue
- On main wire harness



- |                     |                       |
|---------------------|-----------------------|
| 1 BRN (INJ1)        | 14 YEL (INJ4)         |
| 2 RED (INJ2)        | 15 BLK/RED (INJ5)     |
| 3 BLU (INJ3)        | 16 WHT/BLU (INJ6)     |
| 4 YEL/GRN (FLR1)    | 17 LT GRN (MCS)       |
| 5 BLK/BLU (IAC V)   | 18 GRN/RED (LPO2SHTC) |
| 6 RED (ES)          | 19 BLK/WHT (RPO2SHTC) |
| 7 LT GRN/RED (MIL)  | 20 RED/BLU (IABCS1)   |
| 8 RED/WHT (ACC)     | 21 BLK/WHT (SO2SHTC)  |
| 9 —                 | 22 YEL (IABCS2)       |
| 10 RED/GRN (FP RCS) | 23 RED/YEL (PCS)      |
| 11 PNK (IGN COIL 1) | 24 BRN (IGN COIL 2)   |
| 12 BLK (PG1)        | 25 BLK (PG2)          |
| 13 YEL/BLK (IGP1)   | 26 BRN/BLK (LG1)      |

### Connector C

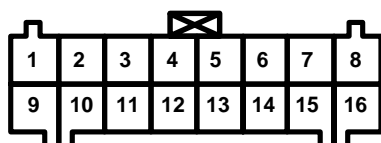
- Gray
- On main wire harness



- |                                |
|--------------------------------|
| 1 —                            |
| 2 PNK (ACS)                    |
| 3 GRN/RED (PDSW)               |
| 4 GRN (FLR2)                   |
| 5 RED (SCS)                    |
| 6 BLU/RED (STS)                |
| 7 —                            |
| 8 BLU (NEP)                    |
| 9 With TCS: LT GRN/RED (TCINH) |
| 10 BLK/ORN (TCFC)              |
| 11 WHT (IMO CODE)              |
| 12 PNK/BLK (TCSTB)             |

### Connector B

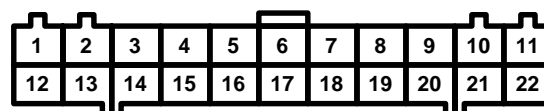
- Gray
- On main wire harness



- |                            |                     |
|----------------------------|---------------------|
| 1 YEL/BLK (IGP2)           | 8 BLU (CKP 1P)      |
| 2 RED (IGN COIL 6)         | 9 BRN/BLK (IG2)     |
| 3 GRN (PSPSW)              | 10 GRY (IGN COIL 5) |
| 4 '03-'04: YEL/GRN (MTRTW) | 11 GRN (IGN COIL 4) |
| 5 YEL/RED                  | 12 BLU (IGN COIL 3) |
| '96-'03: (CYP2P)           | 13 BLU/WHT (VSS)    |
| '04: (CMP (CYP) 1P)        | 14 —                |
| 6 YEL                      | 15 WHT/RED (CKP 2M) |
| '96-'03: (CKP 1P)          | 16 WHT (CKP 1M)     |
| '04: (CMP (CYP) 2P)        |                     |
| 7 BLU/RED (CKP 2P)         |                     |

### Connector D

- Gray
- On main wire harness



- |                                |                     |
|--------------------------------|---------------------|
| 1 WHT/YEL (VBU)                | 12 BLK (CYP 1M)     |
| 2 RED/BLU (KSR)                | 13 YEL (KSL)        |
| 3 With TCS: GRN/ORN (BARO OUT) | 14 BLK/RED (CYP 2M) |
| 4 LT GRN (K-LINE)              | 15 GRN/YEL (PTANK)  |
| 5 WHT/RED (ALTF)               | 16 —                |
| 6 RED/BLK (TPS)                | 17 WHT/BLK (EGRL)   |
| 7 RED/WHT (ECT)                | 18 BLU/RED (LPHO2S) |
| 8 RED/YEL (IAT)                | 19 WHT (RPHO2S)     |
| 9 RED/GRN (MAP)                | 20 BLU/WHT (VREF)   |
| 10 YEL/RED (VCC1)              | 21 YEL/BLU (VCC2)   |
| 11 GRN/WHT (SG1)               | 22 GRN/BLK (SG2)    |



# Connector Views

## 115. Powertrain Control Module (PCM)

– Below right side of dash

### Connector E

- Blue
- On main wire harness

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

- |                              |                     |
|------------------------------|---------------------|
| 1 BLK/YEL (VB SOL)           | 16 WHT (LS –)       |
| 2 GRN/WHT (BKSW)             | 17 WHT (NMSG)       |
| 3 RED (LS +)                 | 18 GRN (NCSG)       |
| 4 RED (NM)                   | 19 '00-'02: WHT/RED |
| 5 BLU (NC)                   | '03-'04: BLU        |
| 6 With TCS: PNK/BLU (TC SFT) | (SDLB)              |
| 7 WHT (ATPR)                 | 20 '00-'02: WHT/GRN |
| 8 YEL (ATPD4)                | '03-'04: PNK        |
| 9 GRN (ATPD3)                | (SDLA)              |
| 10 BLU (ATP2)                | 21 —                |
| 11 BRN (ATP1)                | 22 WHT/GRN (ILU)    |
| 12 BLU/YEL (SHA)             | 23 BRN/YEL (D4 IND) |
| 13 YEL (LC A)                | 24 LT GRN (ATP PN)  |
| 14 '00-'04: ORN (CRS)        | 25 GRN/WHT (SHB)    |
| 15 —                         | 26 GRN/BLK (LC B)   |

### Connector F

- Black
- On main wire harness

1	2	3	4
5	6	7	8

- |                     |
|---------------------|
| 1 PNK/BLK (2WBS)    |
| 2 WHT/RED (SHO2S)   |
| 3 BLU (PHRST R)     |
| 4 YEL (MFPLS R)     |
| 5 RED/WHT (VSV)     |
| 6 GRN/WHT (SO2SGND) |
| 7 WHT (PHRST I)     |
| 8 RED (MFPLS I)     |



# Connector Views

## 116. Combination Light Switch

- Natural
- Left side of steering column
- On combination switch sub-harness

1	2	3	4	5	6	7
8	9	10	11	12	13	14

### '96-'98 USA:

- 1 —
- 2 BRN/WHT (Not used)
- 3 BLU/RED (Headlight relay control)
- 4 —
- 5 BLK, BLK (G401)
- 6 GRN/YEL (Headlight switch position output)
- 7 RED/GRN (Taillight relay control)
- 8 RED/BLU (Dimmer relay control)
- 9 BLK (G401)
- 10 —
- 11 —
- 12 BLK/RED (Left turn)
- 13 RED (Ignition input)
- 14 GRN/WHT (Right turn)

### '99-'04 USA:

- 1 —
- 2 BRN/WHT (Not used)
- 3 BLU/RED (Headlight relay control)
- 4 —
- 5 BLK, BLK (G401)
- 6 GRN/YEL (Headlight switch position output)
- 7 RED/GRN (Taillight relay control)
- 8 RED/BLU (Dimmer relay control)
- 9 BLK (G401)
- 10 —
- 11 —
- 12 BLK/RED (Left turn)
- 13 RED (Ignition input)
- 14 GRN/WHT (Right turn)

### '96-'98 Canada:

- 1 —
- 2 BLU/RED (Headlight relay control)
- 3 RED/BLU (Flash-to-pass switch ON)
- 4 RED/GRN (Park/head position)
- 5 RED/YEL (Head position)
- 6 —
- 7 PNK/BLK (Head position)
- 8 RED/BLU (Dimmer switch – HI)
- 9 BLK (G401)
- 10 '96-'97: BRN/WHT  
'98: BRN/YEL (Dimmer switch – LO)
- 11 BLK (G401)
- 12 BLK/RED (Left turn)
- 13 RED (Ignition input)
- 14 GRN/WHT (Right turn)

### '99 Canada:

- 1 —
- 2 BLU/RED (Headlight relay control)
- 3 RED/BLU (Flash-to-pass switch ON)
- 4 RED/GRN (Park/head position)
- 5 RED/YEL (Head position)
- 6 —
- 7 PNK/BLK (Head position)
- 8 RED/BLU (Dimmer switch – HI)
- 9 BLK (G401)
- 10 BRN/WHT (Dimmer switch – LO)
- 11 BLK (G401)
- 12 BLK/RED (Left turn)
- 13 RED (Ignition input)
- 14 GRN/WHT (Right turn)

### '00-'04 Canada:

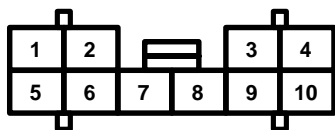
- 1 —
- 2 BLU/RED (Headlight relay control)
- 3 RED/BLU (Flash-to-pass switch ON)
- 4 RED/GRN (Park/head position)
- 5 RED/YEL (Head position)
- 6 —
- 7 PNK/BLK (Head position)
- 8 RED/BLU (Dimmer switch – HI)
- 9 BLK (G401)
- 10 BRN/WHT (Dimmer switch – LO)
- 11 BLK (G401)
- 12 BLK/RED (Left turn)
- 13 RED (Ignition input)
- 14 GRN/WHT (Right turn)



# Connector Views

## 117. C484 ('97-'04 BOSE)

- Gray
- Behind climate control and audio unit
- Connects main wire harness to Bose audio system sub wire harness



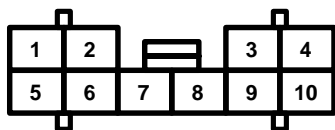
- |             |              |
|-------------|--------------|
| 1 BLU (RF+) | 6 BLK (LF-)  |
| 2 WHT (LF+) | 7 —          |
| 3 ORN (LR+) | 8 BLK (G403) |
| 4 YEL (RR+) | 9 GRN (LR-)  |
| 5 BRN (RF-) | 10 RED (RR-) |



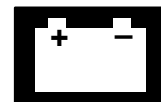
# Connector Views

## 118. C632 ('97-'04 BOSE)

- Gray
- Front of trunk
- Connects Bose audio system sub wire harness to rear wire harness



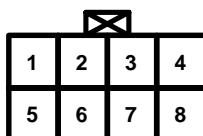
- |             |              |
|-------------|--------------|
| 1 BLU (RF+) | 6 BLK (LF-)  |
| 2 WHT (LF+) | 7 —          |
| 3 ORN (LR+) | 8 BLK (G403) |
| 4 YEL (RR+) | 9 GRN (LR-)  |
| 5 BRN (RF-) | 10 RED (RR-) |



# Connector Views

## 119. Windshield Wiper/Washer Switch

- Natural
- Right side of steering column
- On combination switch sub-harness



### '96-'98:

- 1 BLK/WHT (Wash output)
- 2 GRN (INT output)
- 3 BLU (To low winding)
- 4 BLU/YEL (To high winding)
- 5 WHT (INT input)
- 6 —
- 7 GRN/BLK (Ignition input)
- 8 BLK (G401)

### '99-'04:

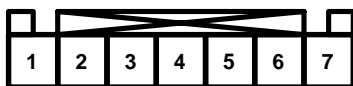
- 1 BLK/WHT (Wash output)
- 2 GRN (INT output)
- 3 BLU (To low winding)
- 4 BLU/YEL (To high winding)
- 5 WHT (INT input)
- 6 —
- 7 GRN/BLK (Ignition input)
- 8 BLK (G401)



# Connector Views

## 120. Steering Column Switch

- Green
- Left side of steering column
- On combination switch sub-harness



- 1 RED/BLK (Extend output)
- 2 BLU/BLK (Down output)
- 3 YEL (Common)
- 4 RED (Retract output)
- 5 BLU/WHT (Up output)
- 6 BRN (Auto switch output)
- 7 BLK/GRN
  - '96-'98: (G401)
  - '99-'04: (G251)



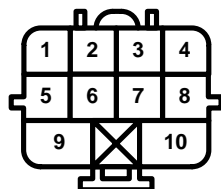
# Connector Views

## 121. ABS Modulator Unit ('98-'99)

– Right rear of engine compartment

### Connector A

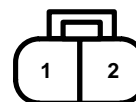
- Orange
- On main wire harness



- |                      |                      |
|----------------------|----------------------|
| 1 RED/BLK (RF in -)  | 6 YEL/WHT (LR out -) |
| 2 RED/WHT (LR in -)  | 7 BLK/ORN (RR out -) |
| 3 YEL (RR in -)      | 8 YEL/BLU (LF out -) |
| 4 RED/BLU (LF in -)  | 9 —                  |
| 5 YEL/BLK (RF out -) | 10 BRN/BLK (Common)  |

### Connector B

- Orange
- On main wire harness



- |                            |
|----------------------------|
| 1 WHT/BLU (Pump motor (+)) |
| 2 BLK (Pump motor (-))     |

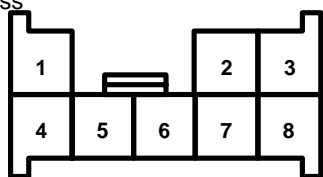




# Connector Views

## 122. C475 ('99-'04)

- Yellow
- Behind Audio unit (center of dash)
- Connects SRS main wire harness to main wire harness



- |   |  |
|---|--|
| 1 —   | 5 Male – RED<br>Female – GRN<br>(PGM-FI)                   |
| 2 Male – BLU/GRN<br>Female – GRN<br>(Frt. pass. seat belt switch) | 6 Male – BLU/WHT<br>Female – GRN<br>(SRS indicator light)  |
| 3 Male – BLU/WHT<br>Female – GRN<br>(Frt. pass. seat belt switch) | 7 Male – RED/BLU<br>Female – GRN<br>(Dr. seat belt switch) |
| 4 Male – RED<br>Female – GRN<br>(SRS)                             | 8 Male – BLU/RED<br>Female – GRN<br>(Dr. seat belt switch) |



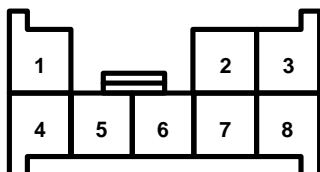
# Connector Views

## 123. C411 ('99-'04)

- Under left side of dashboard
- Connects roof wire harness to main wire harness

### '99-'01 and '02-'04 Canada:

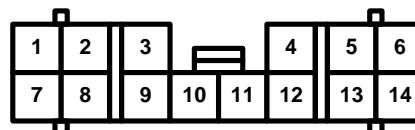
- Gray



- 1 BLU/RED  
'99-'03: (Entry light control system)  
'04: (Entry light control system)
- 2 —
- 3 RED/BLK  
'99-'03: (Entry light control system)  
'04: (Entry light control system)
- 4 BLK (G401)
- 5 GRN/BLK (Automatic dimming mirror)
- 6 YEL (Automatic dimming mirror)
- 7 —
- 8 WHT/BLU  
'99-'03: (Entry light control system)  
'04: (Entry light control system)

### '02-'03 USA:

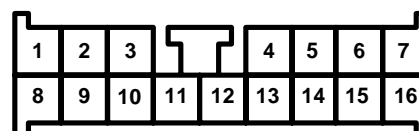
- Green



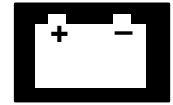
- 1 —
- 2 BLU/YEL (OnStar system)
- 3 YEL/GRN (OnStar system)
- 4 BLK (G401)
- 5 GRN/BLK (Automatic dimming mirror)
- 6 RED/BLK (Entry light control system)
- 7 ORN (OnStar system)
- 8 WHT/GRN (OnStar system)
- 9 WHT (OnStar system)
- 10 BLK (OnStar system)
- 11 BRN/YEL (OnStar system)
- 12 BLU/RED (Entry light control system)
- 13 YEL (Automatic dimming mirror)
- 14 WHT/BLU (Entry light control system)

### '04 USA:

- Gray



- 1 LT BLU (OnStar system)
- 2 BLU/YEL (OnStar system)
- 3 YEL/GRN (OnStar system)
- 4 PNK (OnStar system)
- 5 BLK (G401)
- 6 GRN/BLK (Automatic dimming mirror)
- 7 RED/BLK (Entry light control system)
- 8 ORN (OnStar system)
- 9 WHT/GRN (OnStar system)
- 10 WHT (OnStar system)
- 11 BLK (OnStar system)
- 12 BRN/YEL (OnStar system)
- 13 BLU (OnStar system)
- 14 BLU/RED (Entry light control system)
- 15 YEL (Automatic dimming system)
- 16 WHT/BLU (Entry light control system)



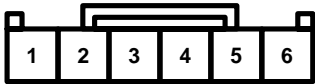
# Connector Views

## 124. Hazard Warning Switch

- Center of dashboard
- On dashboard wire harness

### '99-'03 Navigation:

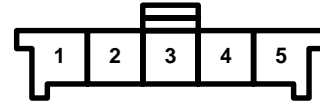
- Gray ('99) or Green ('00-'03)



- 1 RED/BLK (Illumination (+))
- 2 RED (Illumination (-))
- 3 GRN/WHT (Right turn input)
- 4 WHT/GRN (Fuse 40)
- 5 BLK/RED (Left turn input)
- 6 —

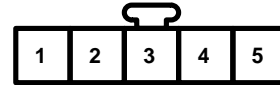
### '04:

- Green



### Navigation:

- 1 WHT/GRN (Fuse 40)
- 2 LT BLU (Navigation system)
- 3 RED/BLK (Illumination (+))
- 4 RED (Illumination (-))
- 5 —



### except Navigation:

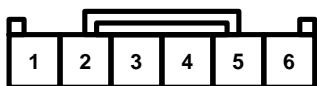
- 1 RED/BLK (Illumination (+))
- 2 BLK/RED (Left turn input)
- 3 WHT/GRN (Fuse 40)
- 4 GRN/WHT (Right turn input)
- 5 RED (Illumination (-))



# Connector Views

## 125. Fog Light Switch ('99-'04 Navigation)

- Green ('99) or White ('00-'04)
- Center of dashboard
- On main wire harness



- 1 —
- 2 RED/BLK (Illumination (+))
- 3 RED (Illumination (-))
- 4 BRN/YEL (Front fog light relay control)
- 5 BLK (G402)
- 6 RED/BLU (Dimmer relay input)



# Connector Views

## 126. Occupant Position Detection System (OPDS) Unit 4 ('99-'04)

– Left side of front passenger seat back

### Connector A

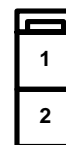
– Yellow



- 1 —
- 2 GRY (Side antenna sensor)

### Connector C

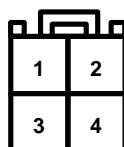
– Yellow



- 1 GRY (Upper antenna sensor)
- 2 GRY (Upper antenna sensor)

### Connector B

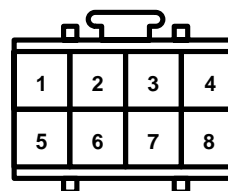
– Yellow



- 1 GRY (Lower antenna sensor)
- 2 GRY (Lower antenna sensor)
- 3 GRY (Lower antenna sensor)
- 4 GRY (Lower antenna sensor)

### Connector D

– Yellow



- 1 —
- 2 —
- 3 GRN (Side airbag indicator)
- 4 WHT/RED (Fuse 23)
- 5 —
- 6 —
- 7 BLU (Sensor output)
- 8 BLK (G601)



# Connector Views

## 127. VSA Modulator Control Unit ('00-'04)

- Black
- Right rear of engine compartment
- On main wire harness

1			2			3	4	5	6	7	8	9	10		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42

1 BLK (M-GND)  
2 WHT/BLU (+B-MR)  
3 YEL (VLP (+))  
4 BLU (VLP (-))  
5 BLK (GND)  
6 WHT/GRN (+B-FSR)  
7 YEL/BLU (INFO)  
8 GRN (AY)  
9 WHT (YRST)  
10 RED (YRS REF)  
11 LT GRN (K-LINE)  
12 —  
13 BRN (FLS (-))  
14 LT BLU (RLS (+))

15 GRN (FRS (-))  
16 GRN/BLK (FRS (+))  
17 BLU/WHT (ABS)  
18 GRY (EBD)  
19 —  
20 RED (SCS)  
21 RED/BLU (YRSA YM)  
22 —  
23 YEL/BLK (IG2)  
24 WHT (CAN (+))  
25 YEL (PSM)  
26 BLU (PSS)  
27 WHT/BLK (VSA OFF SW)  
28 GRN/BLU (FLS (+))

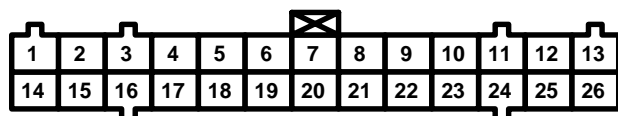
29 GRY (RLS (-))  
30 BLU/YEL (RRS (-))  
31 GRN/YEL (RRS (+))  
32 GRN/WHT (STOP)  
33 LT GRN/RED (VSA)  
34 —  
35 —  
36 GRN/WHT (BFLI)  
37 —  
38 GRN/RED (PARK)  
39 YEL (YRSA YU)  
40 PNK (CAN (-))  
41 BLK (YRSS)  
42 GRN (PSU)



# Connector Views

## 128. VSA Converter Unit ('00-'04)

- Black or Gray
- Upper right kick panel
- On main wire harness



- |  |                      |
|--|----------------------|
| 1 BRN/BLK (LG1)                            | 13 BRN/BLK (LG2)     |
| 2 —  | 14 BRN/WHT (+B-STM)  |
| 3 BRN (STM (-))                            | 15 BLK (STM GND)     |
| 4 BLK (SLD)                                | 16 GRN (STM (+))     |
| 5 RED (THL2)                               | 17 GRY/WHT (CAN SLD) |
| 6 —  | 18 WHT (CAN (+))     |
| 7 RED/BLK (THL1)                           | 19 PNK (CAN (-))     |
| 8 —  | 20 —                 |
| 9 '00-'02:: WHT/GRN<br>'03-'04: PNK (SDLA) | 21 BLU (NEP)         |
| 10 YEL/BLK (IG2)                           | 22 BLK/ORN (TC FC)   |
| 11 '00-'02: WHT/RED<br>'03-'04: BLU (SDLB) | 23 BLU/WHT (VREF)    |
| 12 BLK/WHT (STM FSR)                       | 24 PNK/BLK (TC STB)  |
|  | 25 —                 |
|  | 26 BLK/YEL (IG1)     |



# Connector Views

## 129. C487 ('00-'04)

- Orange
- Above PCM cover, taped to harness
- Main wire harness junction connector

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1 —	11 —
2 YEL (VSA)	12 RED/BLU (VSA)
3 YEL (VSA)	13 RED/BLU (VSA)
4 YEL (VSA)	14 RED/BLU (VSA)
5 GRY/WHT (VSA)	15 BRN/WHT (VSA)
6 GRY/WHT (VSA)	16 BRN/WHT (VSA)
7 GRY/WHT (VSA)	17 BRN/WHT (VSA)
8 WHT (VSA)	18 PNK (VSA)
9 WHT (VSA)	19 PNK (VSA)
10 WHT (VSA)	20 PNK (VSA)

Terminals grouped together are connected by the same bus bar.

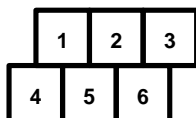




## Connector Views

### 130. Yaw Rate/Lateral Acceleration Sensor ('00-'04)

- Black
- Left front of trunk
- On right side wire harness



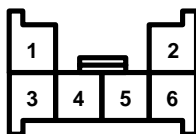
- 1 RED (VSA)
- 2 WHT (VSA)
- 3 YEL (VSA)
- 4 BLK (VSA)
- 5 GRN (VSA)
- 6 RED/BLU (VSA)



# Connector Views

## 131. C743 ('02-'04)

- Gray
- Driver's door
- On driver's door wire harness



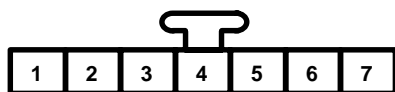
- |   |   |
|---|---|
| 1 Male – BLU/WHT<br>Female – RED<br>(+ UP)          | 4 Male – BLK<br>Female – YEL/BLU<br>(Pulser signal) |
| 2 Male – BLU/RED<br>Female – GRN<br>(+ DOWN)        | 5 Male – YEL<br>Female – GRN/RED<br>(Pulser signal) |
| 3 Male – BLU<br>Female – YEL/WHT<br>(Pulser signal) | 6 Male – WHT<br>Female – GRN/YEL<br>(Pulser signal) |



## Connector Views

### 132. Keyless Receiver Unit ('02-'04)

- Green
- Behind right side of rear seat
- On right side of wire harness



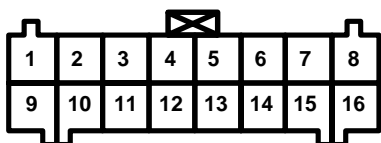
- 1 BLK (G602)
- 2 GRN (Unlock)
- 3 RED/WHT (Lock)
- 4 PNK/BLU (Trunk)
- 5 YEL (Ignition input)
- 6 YEL/BLK (Panic)
- 7 WHT (Fuse 44)



## Connector Views

### 133. Automatic Dimming Mirror/On Star Switches and Microphone ('02-'03 USA)

- Gray
- Rear view mirror
- On roof wire harness



- |                    |                               |
|--------------------|-------------------------------|
| 1 BLK (G401)       | 9 —                           |
| 2 —                | 10 ORN (LED in)               |
| 3 —                | 11 WHT/GRN (LED in)           |
| 4 —                | 12 YEL (Fuse 13 – Under-dash) |
| 5 —                | 13 BLU/YEL (Key power in)     |
| 6 —                | 14 YEL/GRN (Key in)           |
| 7 BLK (Mic ground) | 15 WHT (Mic signal)           |
| 8 —                | 16 GRN/BLK (Reverse input)    |



# Connector Views

## 134. Power Window Control Unit ('02-'04)

- Gray
- Driver's door
- On driver' door wire harness



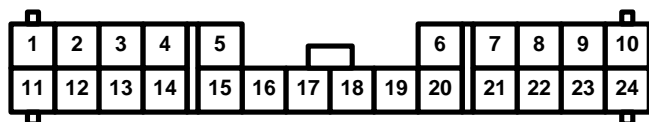
- 1 BLK (G251)
- 2 —
- 3 RED (Motor UP output)
- 4 BLU/GRN (Switch DN input)
- 5 GRN/RED (Motor pulser input/output)
- 6 —
- 7 WHT/BLK (Fuse 17 – Under-dash)
- 8 GRN/WHT (Fuse 41 – Under-dash)
- 9 YEL/BLU (Motor pulser input/output)
- 10 —
- 11 YEL/GRN (Switch AUTO input)
- 12 GRN (Motor DOWN output)
- 13 BLK/WHT (Switch UP input)
- 14 BLU/ORN (Switch OFF input)
- 15 BLU/ORN (Switch DN input)
- 16 YEL/WHT (Motor pulser input/output)
- 17 GRN/YEL (Motor pulser input/output)
- 18 —



# Connector Views

## 135. C638

- Light blue
- Behind right side of rear seat ('02-'04 USA)
- Connects right side wire harness to OnStar system sub-harness



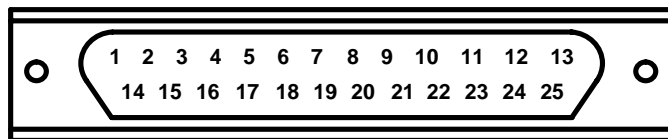
1 WHT/YEL (OnStar system)	14 YEL/GRN (OnStar system)
2 GRN/RED (OnStar system)	15 BLU/YEL (OnStar system)
3 —	16 WHT/GRN (OnStar system)
4 RED/GRN (OnStar system)	17 ORN (OnStar system)
5 ORN (OnStar system)	18 BLK (G601)
6 GRN/WHT (OnStar system)	19 GRY (OnStar system)
7 Male – WHT Female – WHT/YEL (OnStar system)	20 BLU/RED (OnStar system)
8 —	21 WHT (OnStar system)
9 GRN (OnStar system)	22 BLK (G601)
10 —	23 Male – '02-'03: BLK '04: GRN Female – — (Not used)
11 WHT (OnStar system)	24 PNK (OnStar system)
12 BLK (OnStar system)	
13 BRN/YEL (OnStar system)	



# Connector Views

## 136. OnStar System Radio Frequency Modulator Unit ('02-'04 USA)

- Black
- Behind right side of rear seat
- On OnStar system sub-harness



1 (25) YEL (HI ON/OFF)	14 (12) BRN (MIC LO)
2 (24) —	15 (11) BRN (MIC HI)
3 (23) GRY (GND)	16 (10) —
4 (22) GRY (A+)	17 (9) —
5 (21) GRY (IGNITION)	18 (8) GRY (AUDIO HI)
6 (20) YEL (HI)	19 (7) —
7 (19) —	20 (6) —
8 (18) —	21 (5) —
9 (17) —	22 (4) —
10 (16) —	23 (3) —
11 (15) GRY (Y DATA)	24 (2) YEL (AUD GND)
12 (14) GRY (C DATA)	25 (1) —
13 (13) —	

()= Non-SAE terminal number used in service manual.  
NOTE: OnStar system Radio Frequency Modulator Unit terminals are numbered according to SAE standard J1962, not Honda standard. The numbers of the terminals are molded into the cavities of the connector face.



# Connector Views

## 137. OnStar Control Unit ('02-'04 USA)

- Behind right side of rear seat
- On OnStar system sub-harness

### Connector A

– Red

### Connector B

– Blue

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

- 1 GRY (XCVR BATT)  
2 —  
3 BRN (XCVR MIC IN)  
4 BRN (XCVR MIC GND)  
5 YEL (XCVR TX AUDIO)  
6 YEL (XCVR AX AUDIO)  
7 YEL (XCVR AUDIO GND)  
8 GRY (LINE SLD)  
9 —  
10 WHT (LINE OUT (-))  
11 BLU/RED (LINE OUT (+))  
12 —  
13 —  
14 —  
15 GRN (NOT USED)  
16 —

- 17 —  
18 GRY (VEH XCVR IGN)  
19 GRY (VEH XCVR GND)  
20 GRY (VEH XCVR TRU)  
21 GRY (VEH XCVR CNP)  
22 GRY (VEH XCVR RTN)  
23 BLK (VEH MIC GND)  
24 WHT (VEH MIC IN)  
25 BRN/YEL (VEH MIC SLD)  
26 —  
27 —  
28 —  
29 —  
30 —  
31 —  
32 BLK (GND)

- 1 —  
2 BLK (GND)  
3 RED/GRN (VEH LIGHT LO)  
4 —  
5 GRN/RED (VEH UNLOCK LO)  
6 ORN (HORN OUT LO)  
7 BLU (SRS 2)  
8 —  
9 BLK (GND)  
10 BLK (ONSTAR AUDIO MUTE)  
11 ORN (KEY PAD POWER OUT)  
12 GRN  
(KEY PAD LED OUT) (GREEN)  
13 PUR (KEY PAD IN)  
14 —  
15 —  
16 —

- 17 WHT/YEL (VEH BATT)  
18 BLK (GND)  
19 —  
20 GRN/WHT (VEH LOCK LO)  
21 BLU (8V ON ENABLE)  
22 WHT (VEH ACC)  
23 —  
24 PUR  
(VEH KEY PAD LED OUT) (RED)  
25 ORN (SRS 1)  
26 —  
27 —  
28 —  
29 ORN (VEH KEY PAD GND)  
30 —  
31 —  
32 BLK (GND)



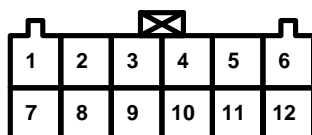


# Connector Views

## 138. OnStar System Interface Unit ('02-'04 USA)

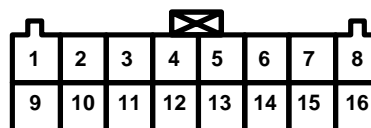
- Black
- Behind right side of rear seat
- On Onstar system sub-harness

### Connector A



- 1 BLK (GND)
- 2 GRN (KEY PAD LED OUT) (GREEN)
- 3 PUR (VEH KEY PAD LED OUT) (RED)
- 4 PUR (KEY POWER IN)
- 5 ORN (KEY PAD POWER OUT)
- 6 ORN (VEH KEY PAD GND)
- 7 BLK (GND)
- 8 BLK (ONSTAR AUDIO MUTE)
- 9 ORN (SRS 1)
- 10 BLU (SRS 2)
- 11 —
- 12 BLU (8V ON ENABLE)

### Connector B



- 1 BLK (KEY PAD GND OUT)
- 2 BLU/YEL (KEY PAD LED POWER OUT)
- 3 YEL/GRN (KEY PAD IN)
- 4 ORN (KEY PAD LED OUT) (RED)
- 5 WHT/GRN ((LEY PAD LED IN) (GREEN)
- 6 —
- 7 —
- 8 WHT/YEL (VEH BATT)
- 9 BLK (GND)
- 10 —
- 11 —
- 12 —
- 13 PNK (TEL LINE)
- 14 GRN (VEH SHOCK IN)
- 15 —
- 16 BLK (GND)



# Connector Views

## 139. C488 ('04)

- Green
- Under left side of dash
- Main wire harness junction connector



1 —	11 BLK ( <a href="#">Navigation</a> )
2 —	12 BLK ( <a href="#">Navigation</a> )
3 —	13 BLK ( <a href="#">Navigation</a> )
4 —	14 BLK ( <a href="#">Navigation</a> )
5 —	
6 —	15 WHT ( <a href="#">Navigation</a> )
7 —	16 WHT ( <a href="#">Navigation</a> )
8 —	17 WHT ( <a href="#">Navigation</a> )
	18 WHT ( <a href="#">Navigation</a> )
9 ORN ( <a href="#">Navigation</a> )	19 ORN ( <a href="#">Navigation</a> )
10 ORN ( <a href="#">Navigation</a> )	20 ORN ( <a href="#">Navigation</a> )

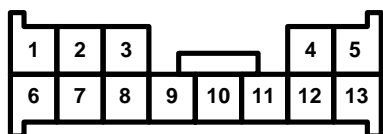
Terminals grouped together are connected by the same bus bar.



# Connector Views

## 140. C439 ('04)

- White
- Under left side of dash
- Connects main wire harness to left side wire harness



- |                             |                              |
|-----------------------------|------------------------------|
| 1 WHT/YEL (Fuse 56)         | 8 BLK (Navigation system)    |
| 2 WHT/RED (Fuse 57)         | 9 WHT (Navigation system)    |
| 3 —                         | 10 ORN (Navigation system)   |
| 4 WHT (Stereo sound system) | 11 GRY (Stereo sound system) |
| 5 RED (Stereo sound system) | 12 BLK (Stereo sound system) |
| 6 —                         | 13 GRN (Stereo sound system) |
| 7 Male – BLK                |                              |
| Female – —                  |                              |
| (Not used)                  |                              |

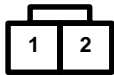


# Connector Views

## 141. XM Satellite Radio Unit ('04)

### Connector A

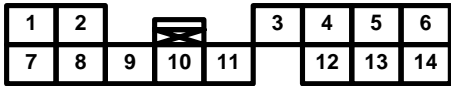
- White
- Left side of trunk



- 1 BLK (Terrestrial antenna)
- 2 BLK (Satellite antenna)

### Connector B

- Black
- On rear wire harness



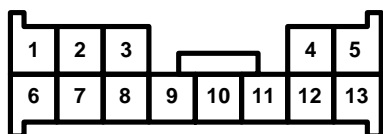
- |                           |                            |
|---------------------------|----------------------------|
| 1 WHT/YEL (Fuse 56)       | 8 —                        |
| 2 WHT/RED (ACC power)     | 9 BLK (Navigation system)  |
| 3 ORN (Navigation system) | 10 WHT (Navigation system) |
| 4 GEY (Shield)            | 11 BLK (G701)              |
| 5 WHT (Right +)           | 12 —                       |
| 6 RED (Left +)            | 13 BLK (Right –)           |
| 7 WHT/YEL (Fuse 56)       | 14 GRN (Left –)            |



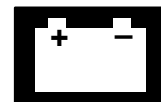
# Connector Views

## 142. C677 ('04)

- White
- Left front corner of trunk
- Connects left side wire harness to rear wire harness



- |                                    |                              |
|------------------------------------|------------------------------|
| 1 WHT/YEL (Fuse 56)                | 7 —                          |
| 2 WHT/RED<br>(Stereo sound system) | 8 BLK (Navigation system)    |
| 3 —                                | 9 WHT (Navigation system)    |
| 4 WHT (Stereo sound system)        | 10 ORN (Navigation system)   |
| 5 RED (Stereo sound system)        | 11 GRY (Stereo sound system) |
| 6 —                                | 12 BLK (Stereo sound system) |
|                                    | 13 GRN (Stereo sound system) |



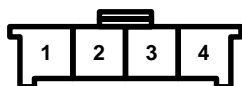
# Connector Views

## 143. OnStar® Buttons and Microphone/HomeLink Unit ('04 USA)

- Front of headliner
- On roof wire harness

### Connector A

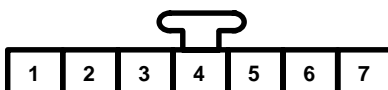
- Gray



- 1 WHT (MIC (+))
- 2 BLK (MIC (-))
- 3 BLU (MIC (+))
- 4 PNK (MIC (-))

### Connector B

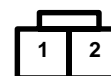
- Green



- 1 RED/BLK (ILL+)
- 2 YEL/GRN (KEY IN)
- 3 BLU/YEL (KEY PWR IN)
- 4 WHT/GRN (LED GRN IN)
- 5 ORN (LED RED IN)
- 6 BLK (G401)
- 7 —

### Connector C

- Gray



- 1 BLK (G401)
- 2 WHT/BLU (Fuse 57)

# Connector to Harness Index

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## Starter Cables

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
T1		Left side of engine compartment	Under-hood fuse/relay box	
T2		Left side of engine compartment	Starter motor	
⊕		Battery	Battery positive terminal	

## Battery Ground Cables

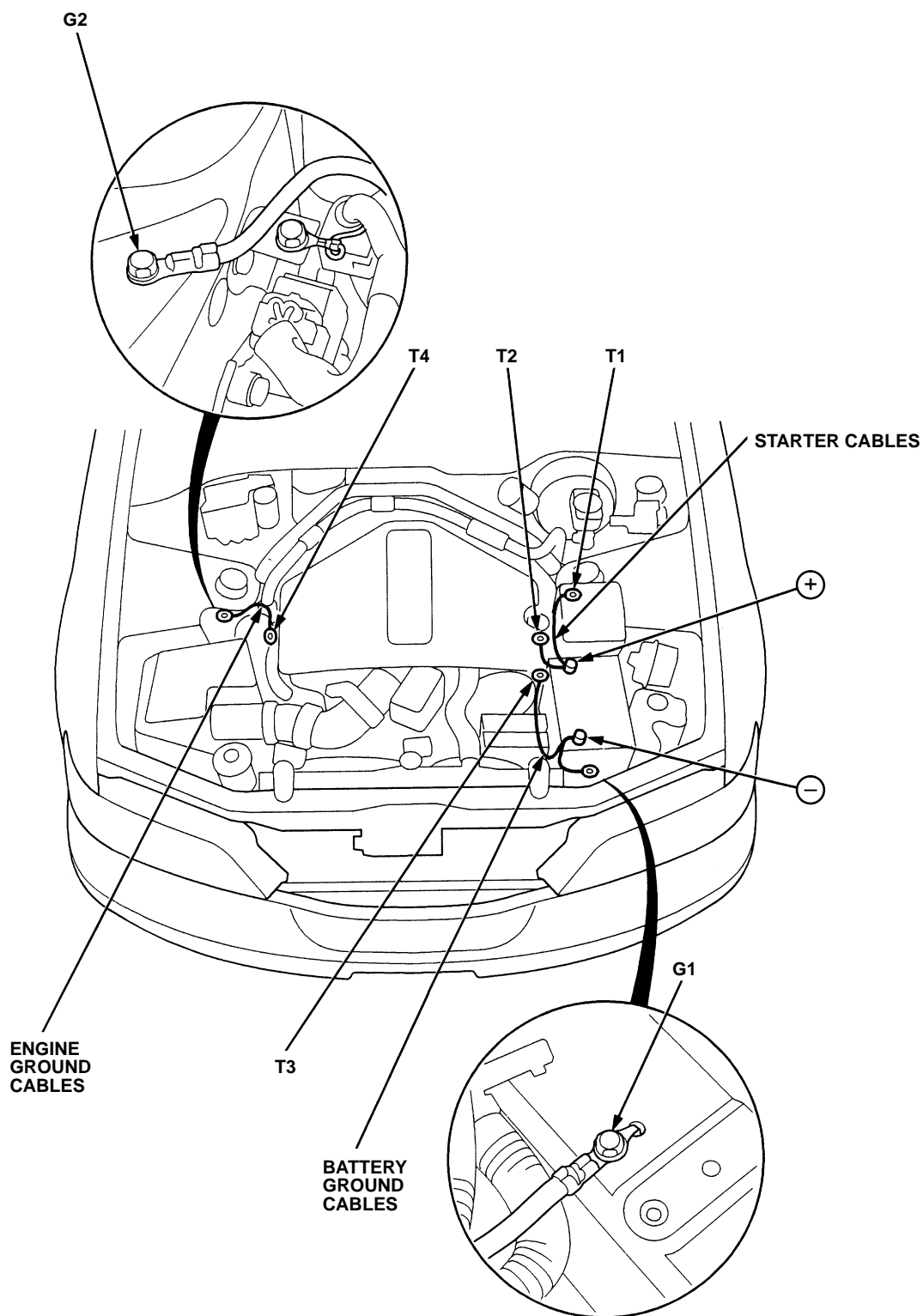
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
T3		Left side of cylinder block	Cylinder block	
G1		Under battery tray	Body ground via battery ground cable	
⊖		Battery	Battery negative terminal	

## Engine Ground Cables

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
T4		Right side of engine	Right valve cover	
G2		Right side of engine compartment	Body ground, via battery ground cable	



## Connector to Harness Index





# Connector to Harness Index

## Engine Wire Harness

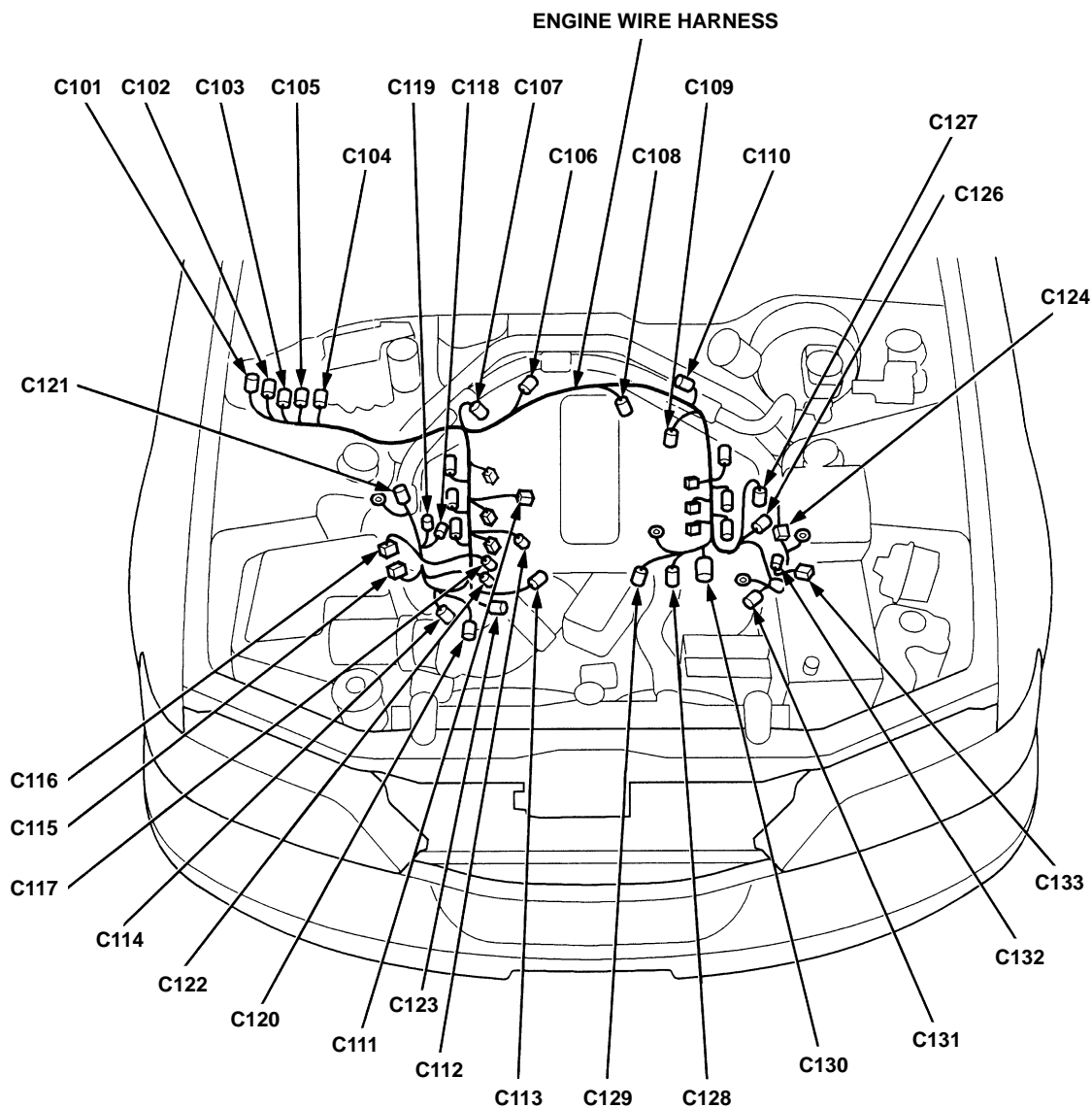
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C101	14-GRY	Right side of engine compartment	Main wire harness	Premium/ Canada Base
C102	14-GRY	Right side of engine compartment	Main wire harness	
C103	14-BLU	Right side of engine compartment	Main wire harness	
C104	14-BLU	Right side of engine compartment	Main wire harness	
C105	8-GRY	Right side of engine compartment	Main wire harness	
C105	2-GRY	Right side of engine compartment	Main wire harness	
C106	8-GRY	Center rear of engine compartment	Junction connector	
C107	3-GRY	Right rear of engine compartment	EGR valve and position sensor	
C108	6-GRY	Center rear of engine compartment	IAB high and low control solenoid valves and engine mount control solenoid valve	
C109	2-GRY	Center rear of engine compartment	Intake air temperature (IAT) sensor	
C110	3-GRY	Center rear of engine compartment	Knock sensor (KS) sub-harness	
C111	3-GRY	Top right side of engine compartment	MAP sensor	
C112	1-BLK	Right side of engine compartment	Engine coolant temperature (ECT) sending unit	*1 *2
C113	3-GRY	Middle of engine	Throttle position (TP) sensor	
C114	14-GRY	Right front of engine	Junction connector	
C115	8-GRY	Right front of engine	Ignition control module (ICM)	
C116	6-GRY	Right front of engine	Ignition control module (ICM)	
C117	3-BLU	Center front of engine	TCS control valve angle sensor	
C117	3-BLU	Center front of engine	VSA control valve angle sensor	
C118	1-GRY	Right side of engine	Noise reduction condenser	
C119	4-GRY	Engine	Right primary heated oxygen sensor (Bank 1, Sensor 1)	
C120	2-GRY	Right side of engine	Power steering pressure (PSP) switch	
C121	6-GRY	Right side of engine	Spark plug voltage detection module	
C122	2-GRY	Center front of engine	TCS control valve actuator	*1 *2
C122	2-GRY	Center front of engine	VSA control valve actuator	
C123	6-GRY	Center front of engine	Vehicle speed sensor (VSS) sub-harness	
C124	2-GRY	Left side of engine compartment	Left engine compartment wire harness	
C126	4-GRY	Left rear of engine	Left primary heated oxygen sensor (Bank 2, Sensor 1)	
C127	2-BLK	Top left of engine	EVAP purge control solenoid valve	
C128	2-GRY	Top left of engine	Engine coolant temperature (ECT) sensor	
C129	2-GRY	Top left of engine	Idle air control (IAC) valve	
C130	8-GRY	Top left of engine	CKP/CYP sensor	
C131	4-GRN	Left front corner of engine compartment	Alternator	
C132	1-GRY	Left front corner of engine compartment	A/C compressor clutch	
C133	1-BLK	Engine compartment	Starter solenoid	

\*1: '96-'99

\*2: '00-'04



# Connector to Harness Index



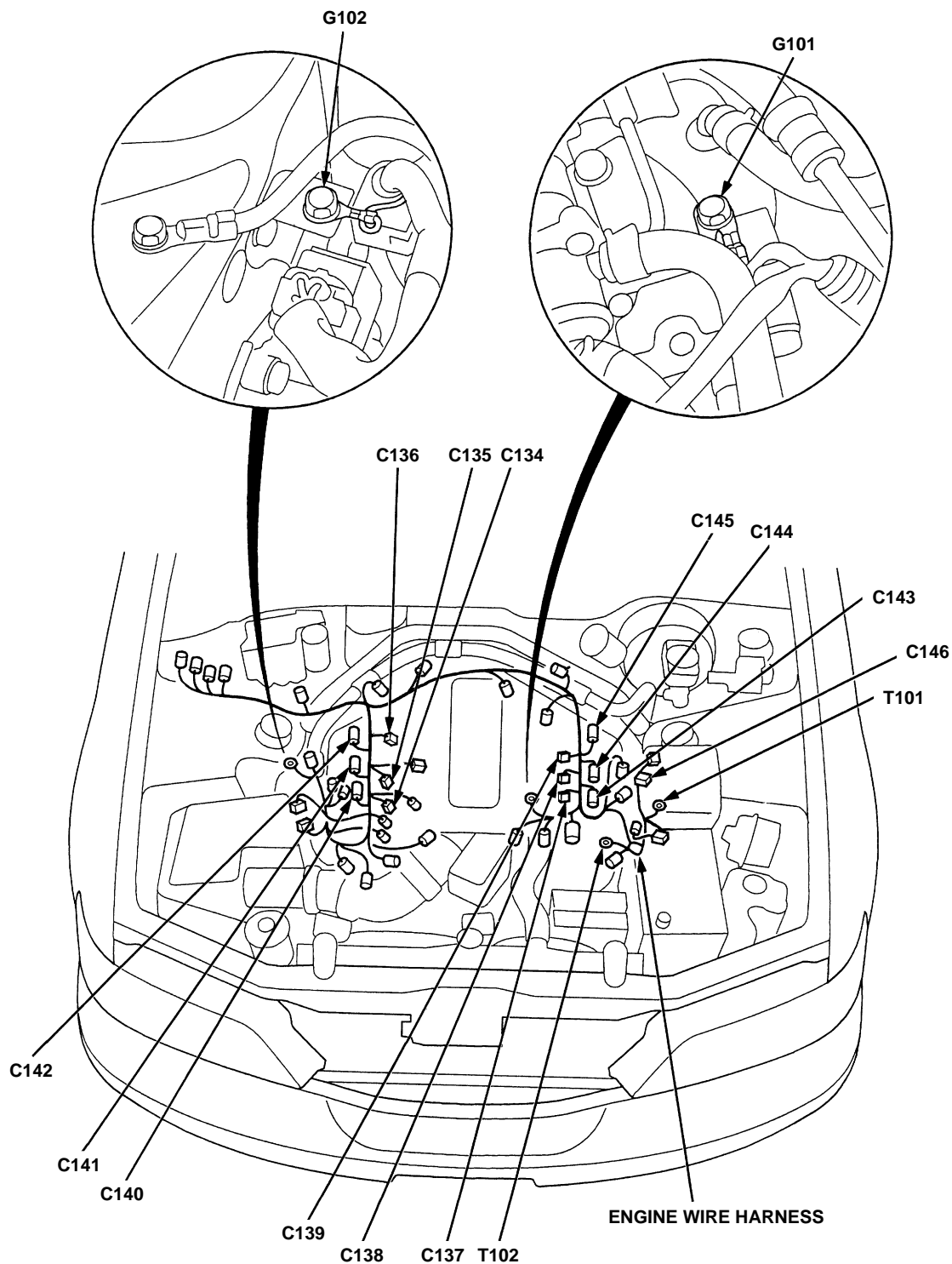
# Connector to Harness Index

## Engine Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C134	2-BLK	Top right of engine	No. 1 fuel injector	
C135	2-BLK	Top right of engine	No. 2 fuel injector	
C136	2-BLK	Top right of engine	No. 3 fuel injector	
C137	2-BLK	Top left of engine	No. 4 fuel injector	
C138	2-BLK	Top left of engine	No. 5 fuel injector	
C139	2-BLK	Top left of engine	No. 6 fuel injector	
C140	3-BLK	Top right of engine	No. 1 ignition coil	
C141	3-BLK	Top right of engine	No. 2 ignition coil	
C142	3-BLK	Top right of engine	No. 3 ignition coil	
C143	3-BLK	Top left of engine	No. 4 ignition coil	
C144	3-BLK	Top left of engine	No. 5 ignition coil	
C145	3-BLK	Top left of engine	No. 6 ignition coil	
C146	8-GRY	Left side of engine compartment	Junction connector	
T101		Left side of engine compartment	Under-hood fuse/relay box	
T102		Left front corner of engine compartment	Alternator	
G101		Middle of engine compartment	Body ground via, engine wire harness	
G102		Right side of engine compartment	Body ground via, engine wire harness	



# Connector to Harness Index



# Connector to Harness Index

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## Vehicle Speed Sensor Sub-harness

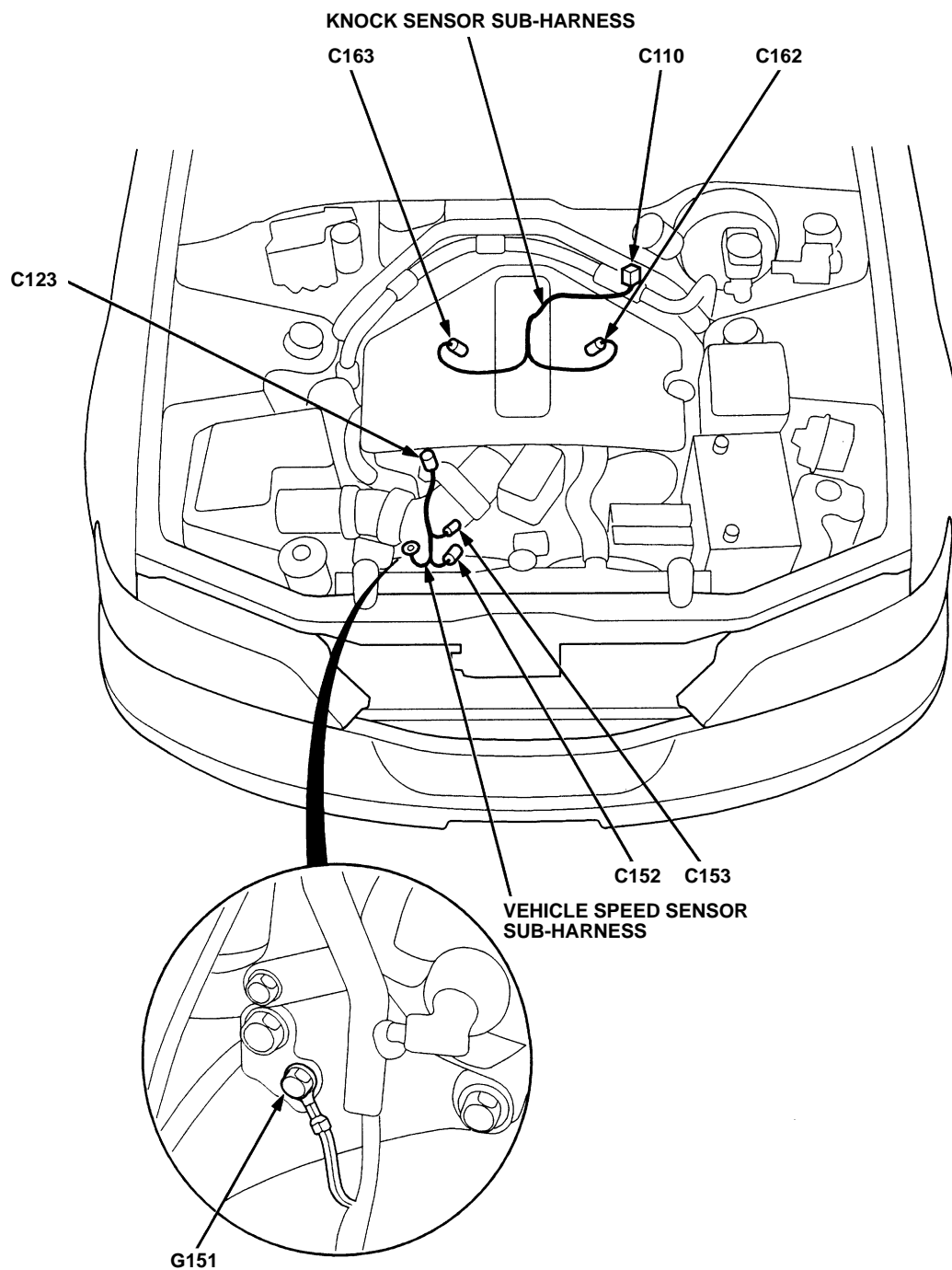
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C123 C152 C153	6-GRY 3-GRY 1-BLK	Center front of engine compartment Lower right front of engine Lower right front of engine	Engine wire harness Vehicle speed sensor (VSS) Engine oil pressure switch	
G151		Lower right front of engine	Body ground, via vehicle speed sensor sub-harness	

## Knock Sensor Sub-harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C110 C162 C163	3-GRY 2-GRY 2-GRY	Left rear corner of engine Under intake manifold Under intake manifold	Engine wire harness Left knock sensor (Left KS) Right knock sensor (Right KS)	



# Connector to Harness Index



# Connector to Harness Index

## A/T Sub-harness

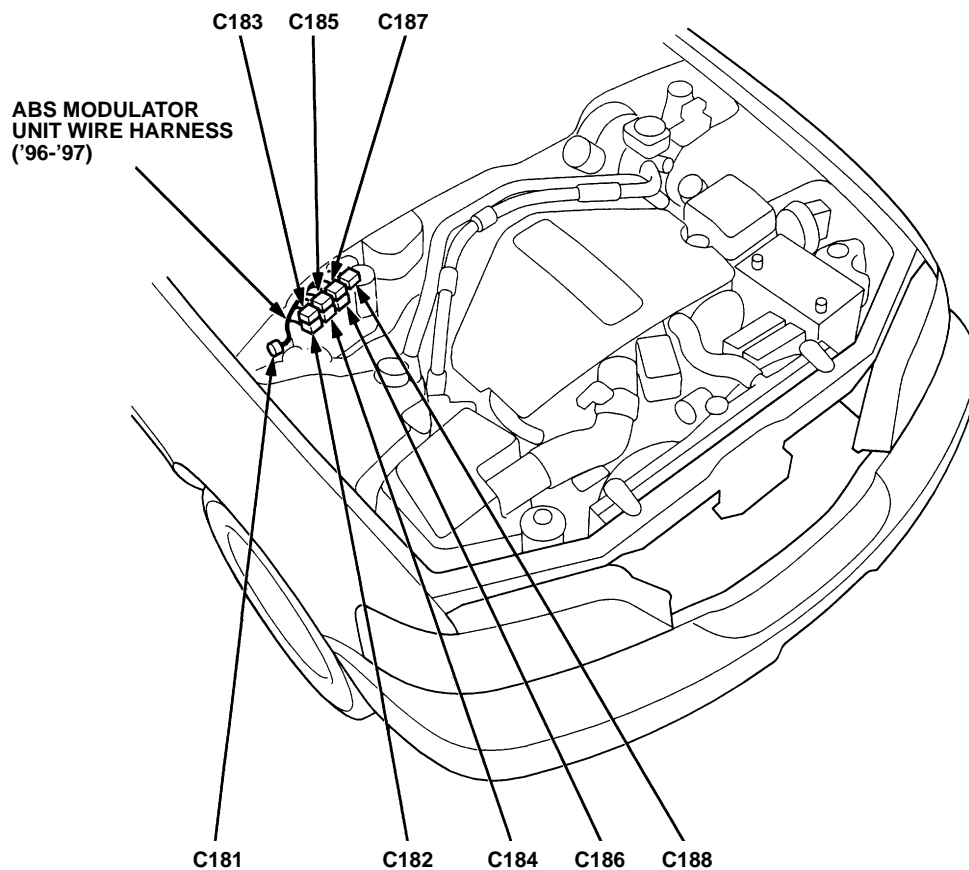
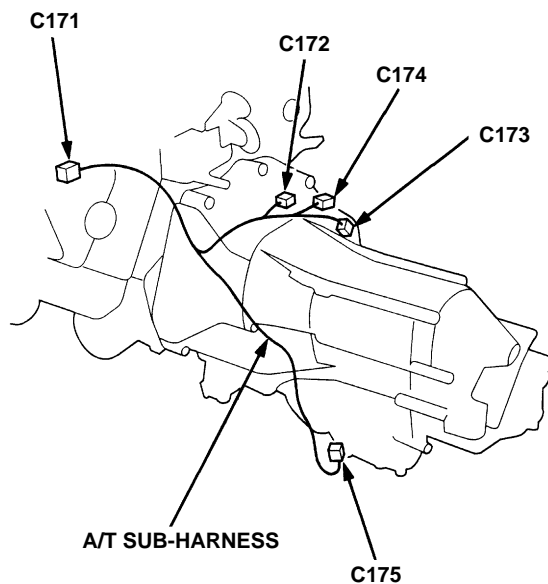
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C171	14-GRY	Left side of engine compartment	Left engine compartment wire harness	
C172	2-BLK	Right rear of engine compartment	Lock-up control solenoid valve	
C173	2-GRY	Right side of transmission	Mainshaft speed sensor	
C174	3-GRY	Right side of transmission	Countershaft speed sensor	
C175	4-BLK	Left side of transmission	Shift control solenoid valve	

## ABS Modulator Unit Wire Harness ('96-'97)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C181	14-ORN	Right side of engine compartment	Main wire harness	
C182	2-ORN	ABS modulator unit	ABS left front solenoid (IN)	
C183	2-ORN	ABS modulator unit	ABS left front solenoid (OUT)	
C184	2-ORN	ABS modulator unit	ABS rear solenoid (IN)	
C185	2-ORN	ABS modulator unit	ABS rear solenoid (OUT)	
C186	2-ORN	ABS modulator unit	ABS right front solenoid (IN)	
C187	2-ORN	ABS modulator unit	ABS right front solenoid (OUT)	
C188	2-ORN	ABS modulator unit	ABS pressure switch	



## Connector to Harness Index





# Connector to Harness Index

## Right Engine Compartment Wire Harness

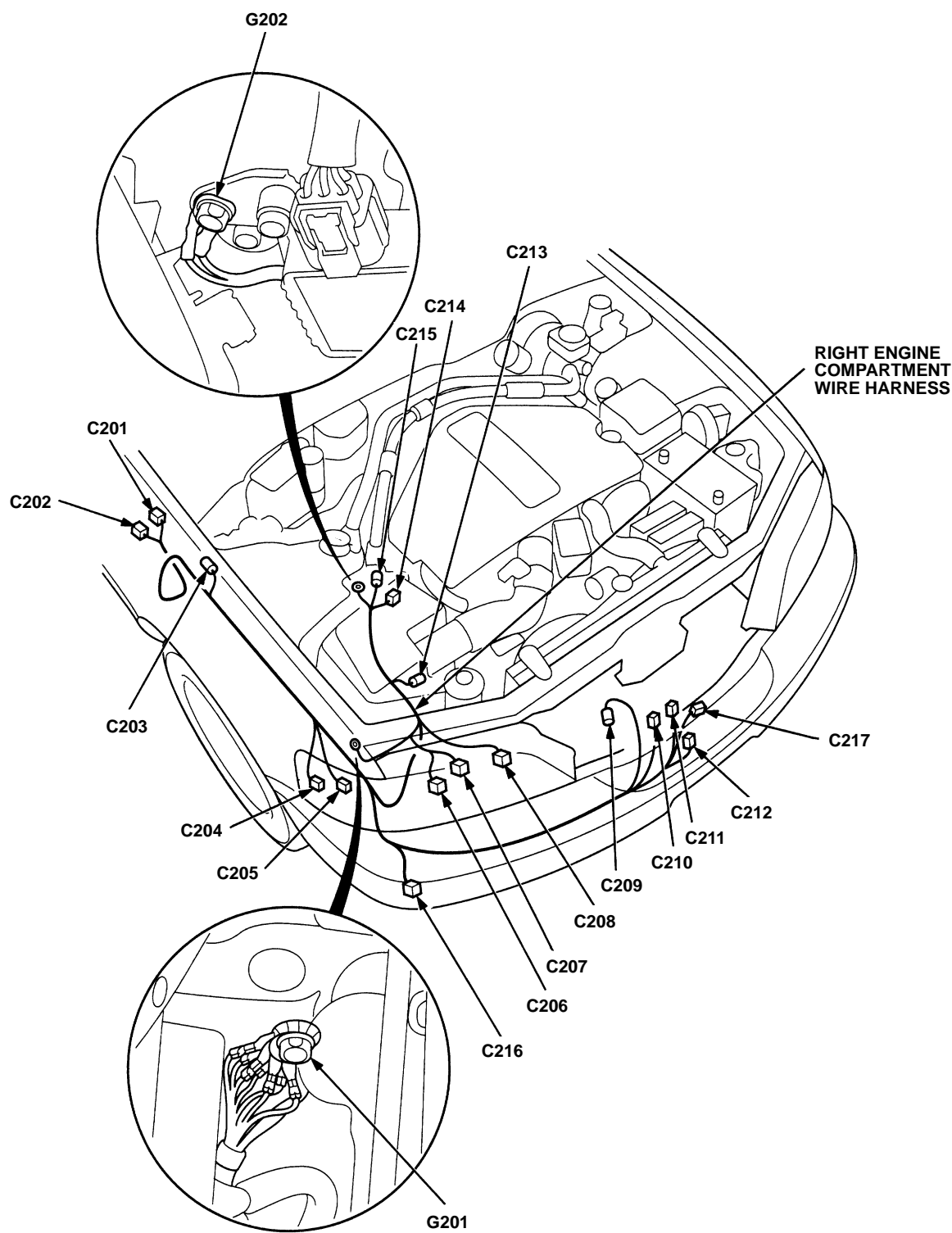
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C201	18-GRY	Under right side of dash	Main wire harness	
C202	8-GRY	Under right side of dash	Main wire harness	
C203	2-GRY	Behind right fender	Keyless buzzer	
C204	2-BLU	Behind right front side marker light	Right front side marker light	
C205	2-BRN	Behind right front turn signal light	Right front turn signal light	*1
C205	3-WHT	Behind right front turn signal/parking light	Right front turn signal/parking light	*2
C206	3	Behind right headlight	Right headlight (low/high beam)	*1
C206	2-GRY	Behind right headlight	Right headlight (low beam)	*2
C207	2	Behind right front parking light	Right front parking light	*1
C208	3	Behind right fog light	Right fog light	*1
C208	3-BLK	Behind right headlight	Right headlight (high beam)	*2
C209	4-GRY	Front of radiator	A/C pressure switch	
C210	2-GRY	Behind middle of front bumper	Horn	*1
C210	1-BLK	Behind middle of front bumper	Horn (low)	*2
C211	2-GRY	Under hood latch	Hood switch	
C212	2-GRY	Behind middle of front bumper	Outside air temperature sensor	
C213	2-GRY	Right side of engine compartment	Security horn	*2
C214	8-GRY	Right side of engine compartment	Spark plug voltage detection module connector A	
C215	2-ORN	Right side of engine compartment	Right front wheel sensor	
C216	3-BLK	Behind right side of front bumper	Right fog light	*2
C217	1-BLK	Right side of engine compartment	Horn (high)	*2
G201		Right side of engine compartment	Body ground, via right engine compartment wire harness	
G202		Right side of engine compartment	Body ground, via right engine compartment wire harness	

\*1: '96-'98

\*2: '99-'04



# Connector to Harness Index



# Connector to Harness Index

## Left Engine Compartment Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C124	2-GRY	Left side of engine compartment	Engine wire harness	
C171	14-GRY	Left side of engine compartment	A/T sub-harness	
C301	5-BRN	Left side of engine compartment	Under-hood fuse/relay box	
C302	2-BRN	Left side of engine compartment	Under-hood fuse/relay box	
C303	3-BRN	Left side of engine compartment	Under-hood fuse/relay box	
C304	1-BLK	Left side of engine compartment	Under-hood fuse/relay box	
C305	7-BRN	Left side of engine compartment	Under-hood fuse/relay box	
C306	9-GRY	Left side of engine compartment	Under-hood fuse/relay box	
C307	11-GRY	Left side of engine compartment	Under-hood fuse/relay box	
C309	2-ORN	Left side of engine compartment	ABS left front wheel sensor	
C310	4-GRY	Left side of engine compartment	Cruise control actuator	
C311	3	Behind left headlight	Left headlight (low/high beam)	*2
C311	2-GRY	Behind left headlight	Left headlight (low beam)	*6
C312	3	Behind left fog light	Left fog light	*2
C312	3-BLK	Behind left headlight	Left headlight (high beam)	*6
C313	2	Behind left front parking light	Left front parking light	*2
C314	2-BRN	Behind left front turn signal light	Left front turn signal light	*2
C314	3-WHT	Behind left turn signal/parking light	Left front turn signal/parking light	*6
C315	2-BLU	Behind left front side marker light	Left front side marker light	
C316	2-BLK	Left side of engine compartment	EVAP control canister vent shut valve	*3
C317	5-GRY	Under cowl cover	Windshield wiper motor	
C318	2-BRN	Inside of left fender	Windshield washer motor	
C319	3-GRY	Left side of engine compartment	Fuel tank pressure sensor	*3
C320	2-BLK	Left side of engine compartment	EVAP bypass solenoid valve	*3
C321	1-BLK	Left side of engine compartment	Brake fluid level switch (+)	
C322	1-BLK	Left side of engine compartment	Brake fluid level switch (-)	
C324	7-BRN	Under left side of dash	Main wire harness	
C325	20-GRY	Under left side of dash	Main wire harness	
C326	18-GRY	Under left side of dash	Main wire harness	
C327	22-GRN	Under left side of dash	Main wire harness	
C328	12-GRY	Under left side of dash	Main wire harness	*2
C328	14-GRY	Under left side of dash	Main wire harness	*6
C329	3-BLU	Behind left side kick panel	Under-dash fuse/relay box	
C330	5-BLU	Behind left side kick panel	Under-dash fuse/relay box	
C331	16-BLU	Behind left side kick panel	Under-dash fuse/relay box	
C332	2-GRY	Under right side of radiator	Radiator fan control sensor	
C333	2-GRY	Under right side of radiator	Radiator fan motor	
C334	2-GRY	Under condenser fan motor	Condenser fan motor	
C335	5-BLK	Front of engine compartment	Fog light relay	
C336	5	Middle of engine compartment	ABS rear fail-safe relay	*1
C336	5-BLK	Front of engine compartment	Horn relay	*5
C337	5	Middle of engine compartment	ABS front fail-safe relay	*1
C337	5-BLK	Middle of engine compartment	ABS fail-safe relay	*4
C338	5-BLK	Front of engine compartment	Windshield wiper motor relay	
C339	5-BLK	Front of engine compartment	Gauge relay	
C340	5	Middle of engine compartment	Power window master switch relay	*1
C340	5-BLK	Middle of engine compartment	Taillight relay	*6

\*1: '96-'97

\*2: '96-'98

\*3: '96-'99

\*4: '98-'99

\*5: '98-'04

\*6: '99-'04

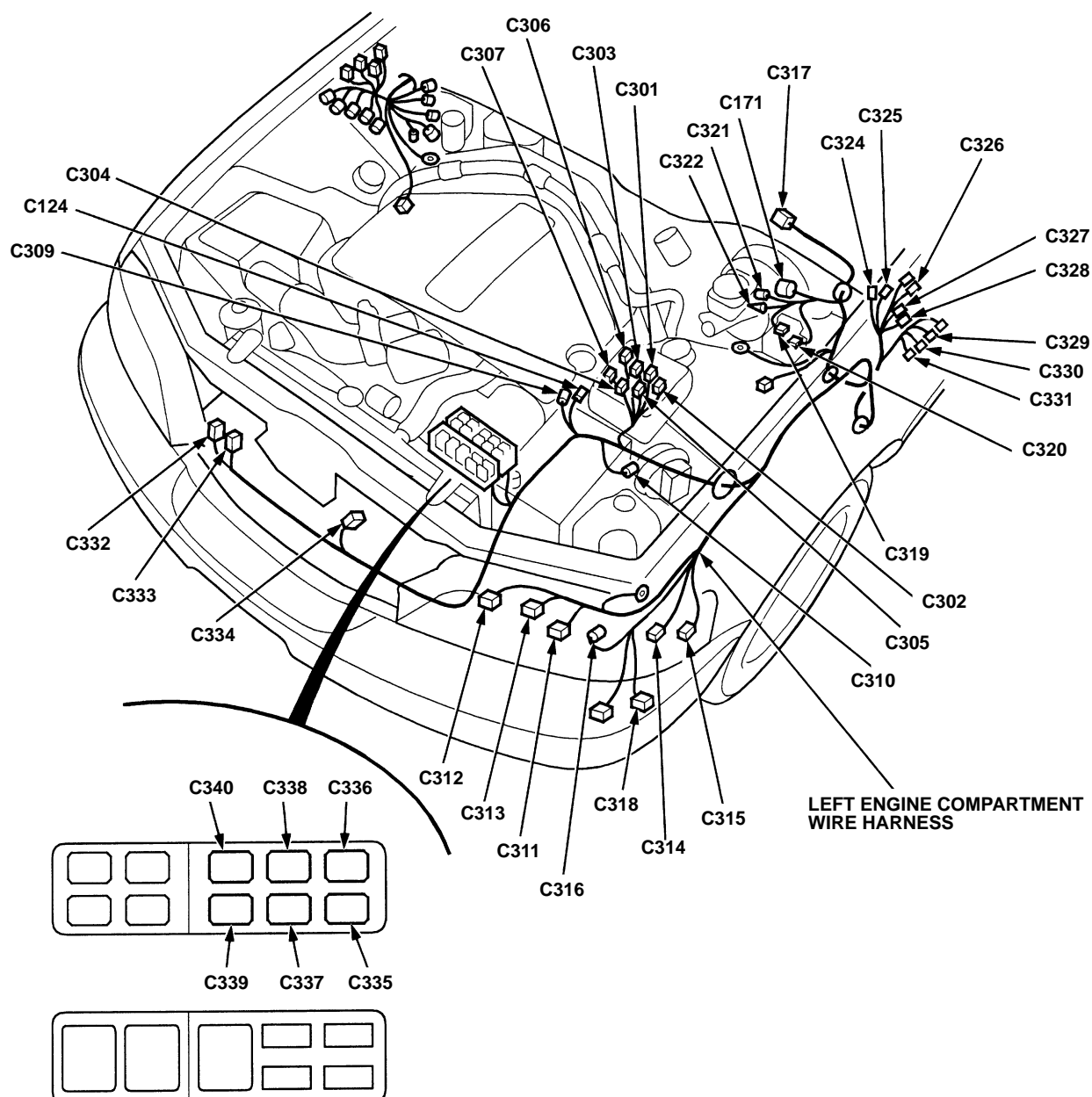
\*7: '98

\*8: '99

\*9: '00-'04



# Connector to Harness Index



# Connector to Harness Index

## Left Engine Compartment Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C341	5-BLK	In under-hood relay box C	A/T reverse relay	
C342	5-BLK	In under-hood relay box C	TCS fail-safe relay	*3
C342	5-BLK	In under-hood relay box C	Sub-throttle motor fail-safe relay	*9
C343	5-BLK	In under-hood relay box C	Radiator fan relay	
C344	4-NAT	In under-hood relay box A	A/C compressor clutch relay	
C345	4-NAT	In under-hood relay box A	Condenser fan relay	
C346	4	Middle of engine compartment	Low beam cut relay	Canada *2
C346	4-NAT	In under-hood relay box A	Security horn relay	*6
C347	5-NAT	In under-hood relay box A	Radiator fan main relay	
C348	5-NAT	In under-hood relay box A	Rear window defogger relay	
C349	5-NAT	In under-hood relay box A	Windshield wiper intermittent relay	
C350	5	In under-hood relay box C	Seat heater relay	*7
C350	5-BLK	Middle of engine compartment	Accessory power socket relay	*6
C351	3-BLK	Behind left side of front bumper	Left fog light	*6
C352	2-BLK	Behind left kick panel	Diode (Lighting)	*8, USA *9
C352	3	Left side of engine compartment	Diode (Lighting)	Canada *9
C353	1-BRN	Behind left kick panel	Under-dash fuse/relay box	*6
C354	4	Middle of engine compartment	Low beam cut relay	Canada *9
C355	2-GRY	Left side of engine compartment	Precharge pump motor	*9
G301		Left side of engine compartment	Body ground, via left engine compartment wire harness	
G302		Behind front parking light	Body ground, via left engine compartment wire harness	

\*1: '96-'97

\*2: '96-'98

\*3: '96-'99

\*4: '98-'99

\*5: '98-'04

\*6: '99-'04

\*7: '98

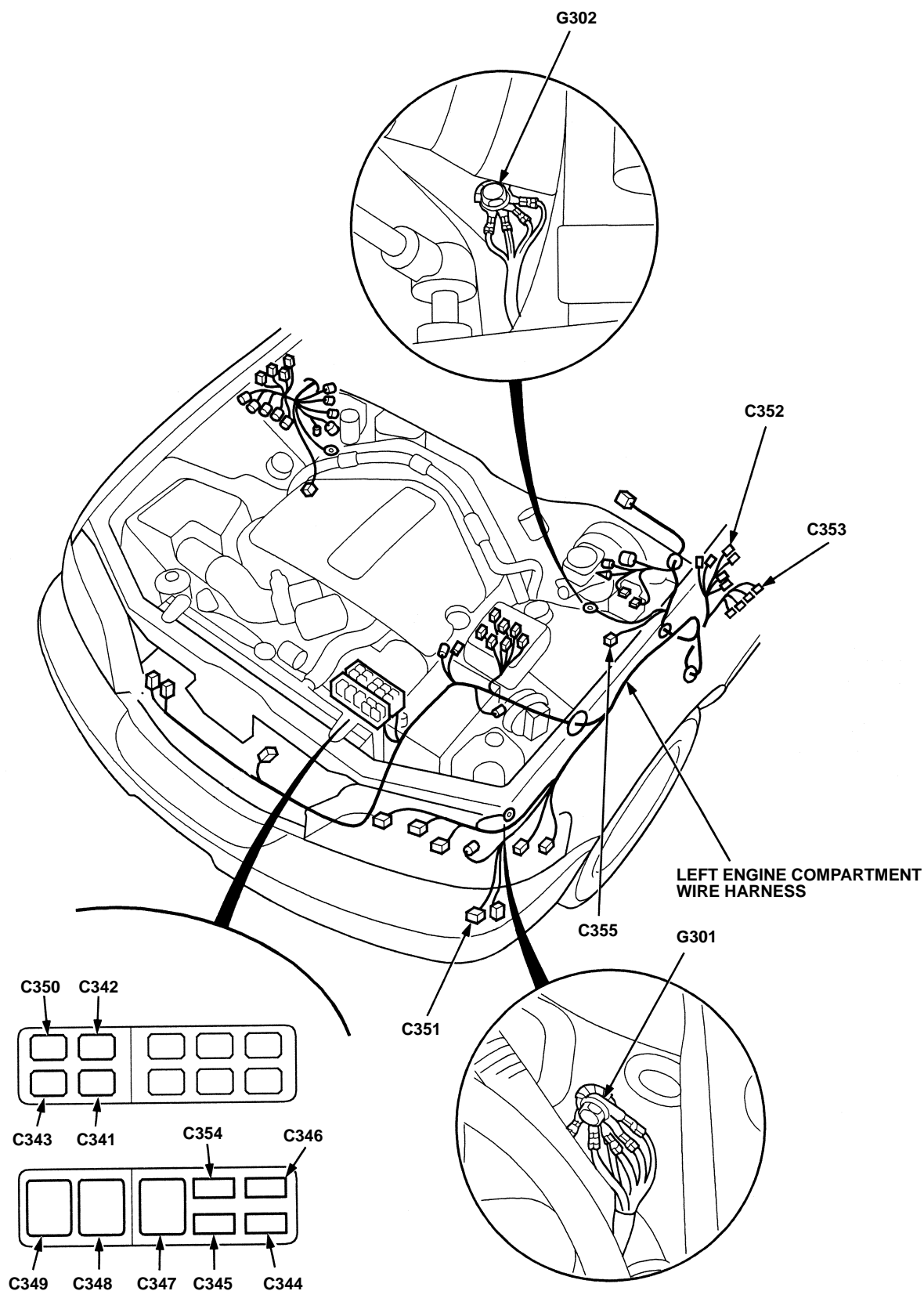
\*8: '99

\*9: '00-'04



# Connector to Harness Index

ProCarManuals.com



# Connector to Harness Index

## Main Wire Harness (Engine compartment branch)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C101	14-GRY	Right side of engine compartment	Engine wire harness	Premium, Canada Base *1
C102	14-GRY	Right side of engine compartment	Engine wire harness	
C103	14-BLU	Right side of engine compartment	Engine wire harness	
C104	14-BLU	Right side of engine compartment	Engine wire harness	
C105	8-GRY	Right side of engine compartment	Engine wire harness	
C105	2-GRY	Right side of engine compartment	Engine wire harness	*2
C181	14-ORN	Right side of engine compartment	ABS modulator unit wire harness	
C256	2-NAT	Right side of engine compartment	Test tachometer connector	
C257	4-GRY	Right side of engine compartment	Fuel pressure regulator and EGR control solenoid valves	
C258	2-ORN	Right side of engine compartment	ABS pump motor	*2
C259	10-ORN	Right side of engine compartment	ABS modulator unit	*3
C260	5	Right side of engine compartment	Horn relay	*1
C260	5-BLK	Right side of engine compartment	Driver's power motor window relay A	*6
C261	5	Right side of engine compartment	Cigarette lighter relay	*1
C261	5-BLK	Right side of engine compartment	Power window master switch relay	*4
C262	5	Right side of engine compartment	Seat heater relay	*1
C262	5-GRY	Right side of engine compartment	Driver's power window motor relay B	*6
C263	5-BLK	Right side of engine compartment	Cigarette lighter relay	*4
C264	42-BLK	Right side of engine compartment	VSA modulator/control unit	*5
C265	3-BLK	Right side of engine compartment	VSA hydraulic pressure sensor	*5
G251		Right side of engine compartment	Body ground, via main wire harness	

\*1: '96-'97

\*2: '96-'99

\*3: '98-'99

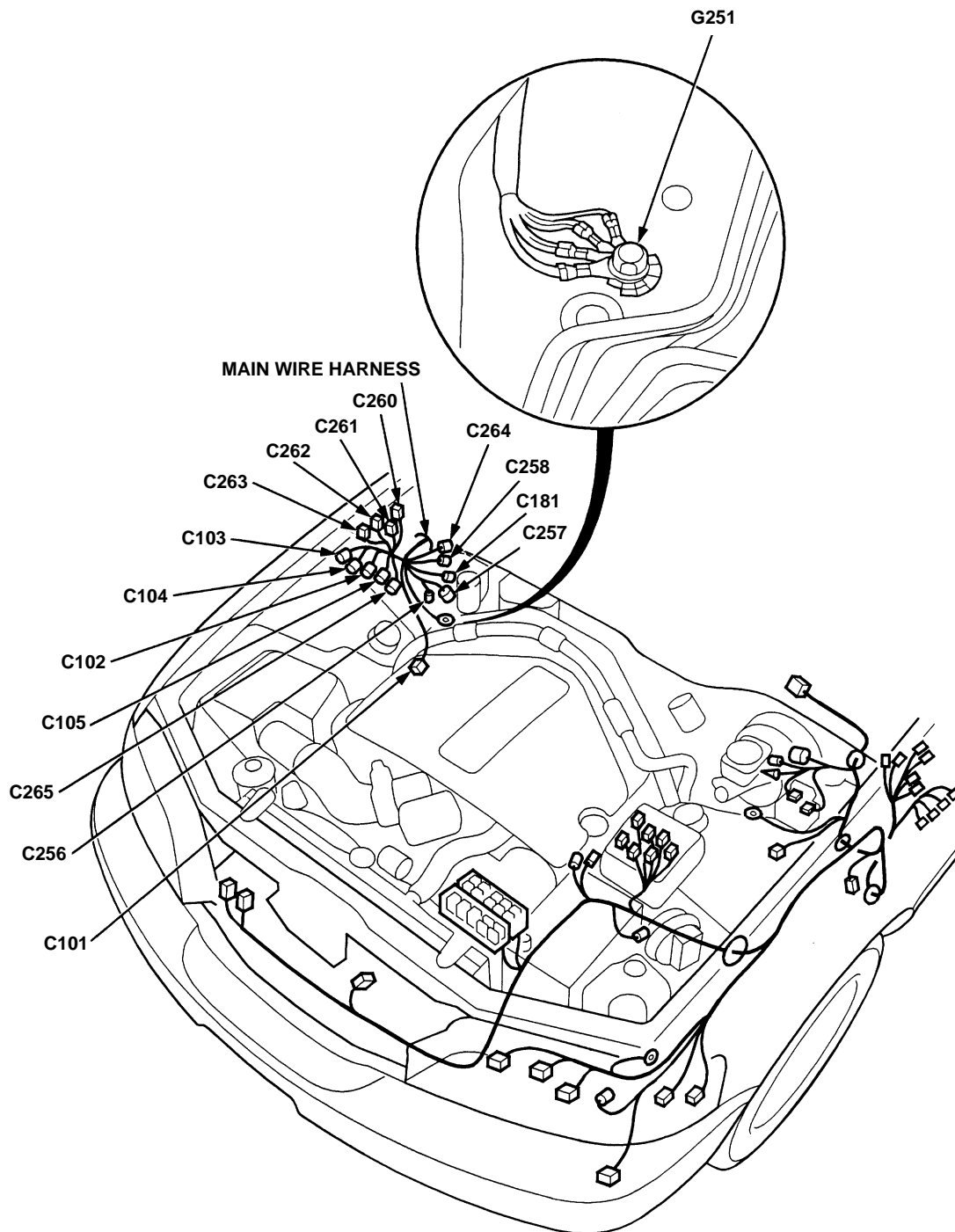
\*4: '98-'04

\*5: '00-'04

\*6: '98-'01



# Connector to Harness Index





# Connector to Harness Index

## Main Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C324	7-BRN	Under left side of dash	Left engine compartment wire harness	
C325	20-GRY	Under left side of dash	Left engine compartment wire harness	
C326	18-GRY	Under left side of dash	Left engine compartment wire harness	
C327	22-GRN	Under left side of dash	Left engine compartment wire harness	
C328	12-GRY	Under left side of dash	Left engine compartment wire harness	*5
C328	14-GRY	Under left side of dash	Left engine compartment wire harness	*6
C401	2-BLU	Behind left kick panel	Under-dash fuse/relay box	
C402	10-BLU	Behind left kick panel	Under-dash fuse/relay box	
C403	22-BLU	Behind left kick panel	Under-dash fuse/relay box	
C404	12-BLU	Behind left kick panel	Under-dash fuse/relay box	
C405	14-BLU	Behind left kick panel	Under-dash fuse/relay box	
C406	6-BLU	Behind left kick panel	Under-dash fuse/relay box	
C407	26-GRY	Under left side of dash	Multiplex control unit (driver's)	
C408	2-GRN	Under left side of dash	Multiplex control unit inspection connector	
C409	14-GRY	Under left side of dash	Left side wire harness	
C410	12-GRY	Under left side of dash	Left side wire harness	*9
C410	8-GRY	Under left side of dash	Left side wire harness	*10
C411	4-GRY	Under left side of dash	Roof wire harness	*4
C411	8-GRY	Under left side of dash	Roof wire harness	*3
C411	14-GRN	Under left side of dash	Roof wire harness	*10
C412	42-GRY	Under left side of dash	Driver's door wire harness	
C413	18-GRY	Under left side of dash	Left side wire harness	
C414	22-GRN	Under left side of dash	Left side wire harness	*1
C414	14-GRN	Under left side of dash	Left side wire harness	*2
C415	20-GRY	Under left side of dash	Combination switch	*7
C415	22-GRY	Under left side of dash	Combination switch	*8
C421	20-BLK	Under left side of dash	Junction connector	
C422	14-BLU	Under left side of dash	Cruise control unit	
C423	1-NAT	Under left side of dash	Parking brake switch	
C424	8-GRY/WHT	On the steering column	Immobilizer control unit	
C425	2-GRY/BRN	On the steering column	Steering column extend-retract motor	
C426	4-GRY	On the steering column	Steering column extend-retract position sensor	
C427	3-BLK	On the steering column	Steering column tilt motor	
C428	4-WHT	Above brake pedal	Brake pedal position switch	
C429	14-GRY	Under left side of dash	Combination light switch	
C430	12-GRY	Under left side of dash	Dashboard wire harness	
C431	8-GRY	Under left side of dash	Ignition switch	
C432	4-BRN	Right of steering column	PGM-FI main relay	
C433	8-GRY/WHT	Right of steering column	PGM-FI main relay	
C434	12-BLK	Under left side of dash	Steering column control unit	
C435	16-BLK	Under left side of dash	Steering column control unit	
C436	8-BLU	Under left side of dash	Steering column control unit	
C437	4-BLU	Under left side of dash	Seat heater relay	*6
C438	2-BLK	Under left side of dash	Diode (security alarm system)	*6
C439	13-WHT	Under left side of dash	Left side wire harness	*11
G401		Behind left kick panel	Body ground, via main wire harness	

\*1: '96-'97

\*2: '98-'04

\*3: Automatic dimming mirror (except \*10)

\*4: Except Automatic dimming mirror

\*5: '96-'98

\*6: '99-'04

\*7: All '96-'99, '00-'03 (USA)

\*8: '00-'04 (Canada)

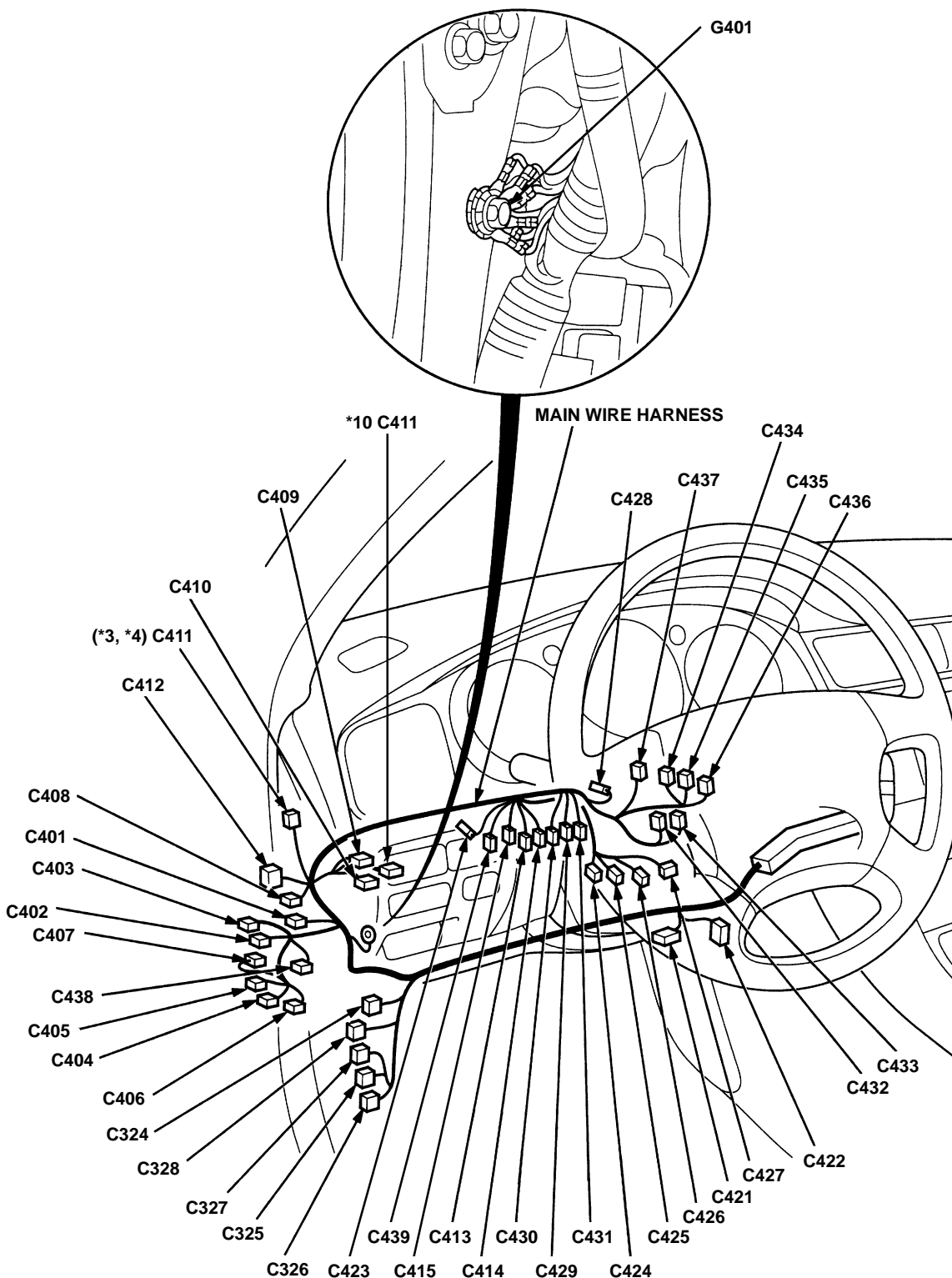
\*9: All '96-'01, '02-'04 (Canada)

\*10: '02-'04 (USA)

\*11: '04



# Connector to Harness Index



# Connector to Harness Index

## Main Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C201	18-GRY	Under right side of dash	Right engine compart. wire harness	
C202	8-GRY	Under right side of dash	Right engine compart. wire harness	
C441	24-LT BLU	Under right side of dash	Right side wire harness	
C442	22-GRY	Under right side of dash	Right side wire harness	
C443	16-BLU	Under right side of dash	Right side wire harness	
C444	22-GRN	Under right side of dash	Right side wire harness	
C445	42-GRY	Under right side of dash	Front passenger's door wire harness	
C446	20-GRY	Under right side of dash	A/C wire harness	
C447	26-GRY	Under right side of dash	Multiplex control unit (passenger's)	
C448	20-BLK	Under right side of dash	Junction connector	
C449	26-ORN	Under right side of dash	ABS control unit	*1
C449	12-ORN	Under right side of dash	ABS control unit	*2
C450	22-ORN	Under right side of dash	ABS control unit	*1, *2
C450	26-GRY	Under right side of dash	VSA converter unit	*7, *10
C453	2-BLK	Under right side of dash	Diode (for A/T reverse position)	
C454	2-BLU	Under right side of dash	Service check connector	
C455	6-ORN	Under right side of dash	ABS inspection connector	*1
C456	20-BLU	Under right side of dash	Junction connector	
C457	12-BLK	Under right side of dash	Fan control unit	
C458	26-BLU	Front passenger's footwell	PCM E	
C459	26-BLU	Front passenger's footwell	PCM A	
C460	12-GRY	Front passenger's footwell	PCM C	
C461	16-GRY	Front passenger's footwell	PCM B	
C462	8-BLK	Front passenger's footwell	PCM F	
C463	22-GRY	Front passenger's footwell	PCM D	
C464	20-BLK	Front passenger's footwell	Junction connector	
C465	3-GRY	Under middle of dash	Cellular phone system	Option
C466	3-GRY	Under middle of dash	Cellular phone system	Option
C467	6-GRY	Behind center console	Driver's seat heater switch	
C468	6-BRN	Behind center console	Front passenger's seat heater switch	
C469	16-GRY	Under middle of dash	Data link connector	
C470	10-GRY	Under middle of dash	A/T gear position switch	
C471	2-BLU/GRY	Behind center console	A/T shift lock solenoid	
C472	2-GRY	Behind center console	Park pin switch	
C473	2-BLK	Behind center console	A/T gear position console light	
C474	4-GRY	Behind center console	Cigarette lighter	
C475	3-YEL	Behind center console	SRS main harness	*4
C475	8-YEL	Under middle of dash	SRS main harness	*6
C476	22-GRN	Under middle of dash	Dashboard wire harness	
C477	8-GRY	Under middle of dash	Dashboard wire harness	
C477	12-GRY	Under middle of dash	Dashboard wire harness	*10
C478	16-GRY	Behind audio unit	Audio unit connector A	*8
C478	16-WHT	Behind audio unit	Audio unit connector A	*7
C478	20-LT BLU	Behind audio unit	Audio unit connector A	*10
C479	8-BLK	Behind audio unit	Audio unit connector B	*7
C480	12-BLK	Behind audio unit	Audio unit connector C	*9
C480	14-WHT	Behind audio unit	Audio unit connector B	*11
C481	20-BLU	Behind audio unit	Navigation display unit A	
C482	6-WHT	Behind instrument panel	Rear window defogger switch	Except *9, *11
C483	5-GRN	Behind instrument panel	Fog light switch	Except *5, *9, *11
C483	6-GRN	Behind instrument panel	Fog light switch	*5
C483	6-WHT	Behind instrument panel	Fog light switch	*9
C484	10-GRY	Under middle of dash	Audio sub-harness	*3
C485	2-GRY	Behind center console	Accessory power socket wire harness	*6
C486	2-BLK	Behind center console	Beverage holder light	*6
C487	20-ORN	Front passenger's footwell	Junction connector	*7
C488	20-GRN	Under right side of dash	Junction connector	*10
C489	5-GRN	Behind audio unit	Navigation display unit B	*11
G402		Under right side of dash	Body ground, via main wire harness	
G403		Under middle of dash	Body ground, via main wire harness	
G404		Under right side of dash	Body ground, via main wire harness	

\*1: '96-'97

\*2: '98-'99

\*3: BOSE sound system

\*4: '96-'98

\*5: '99 Navigation system

\*6: '99-'04

\*7: '00-'03

\*8: '96-'99

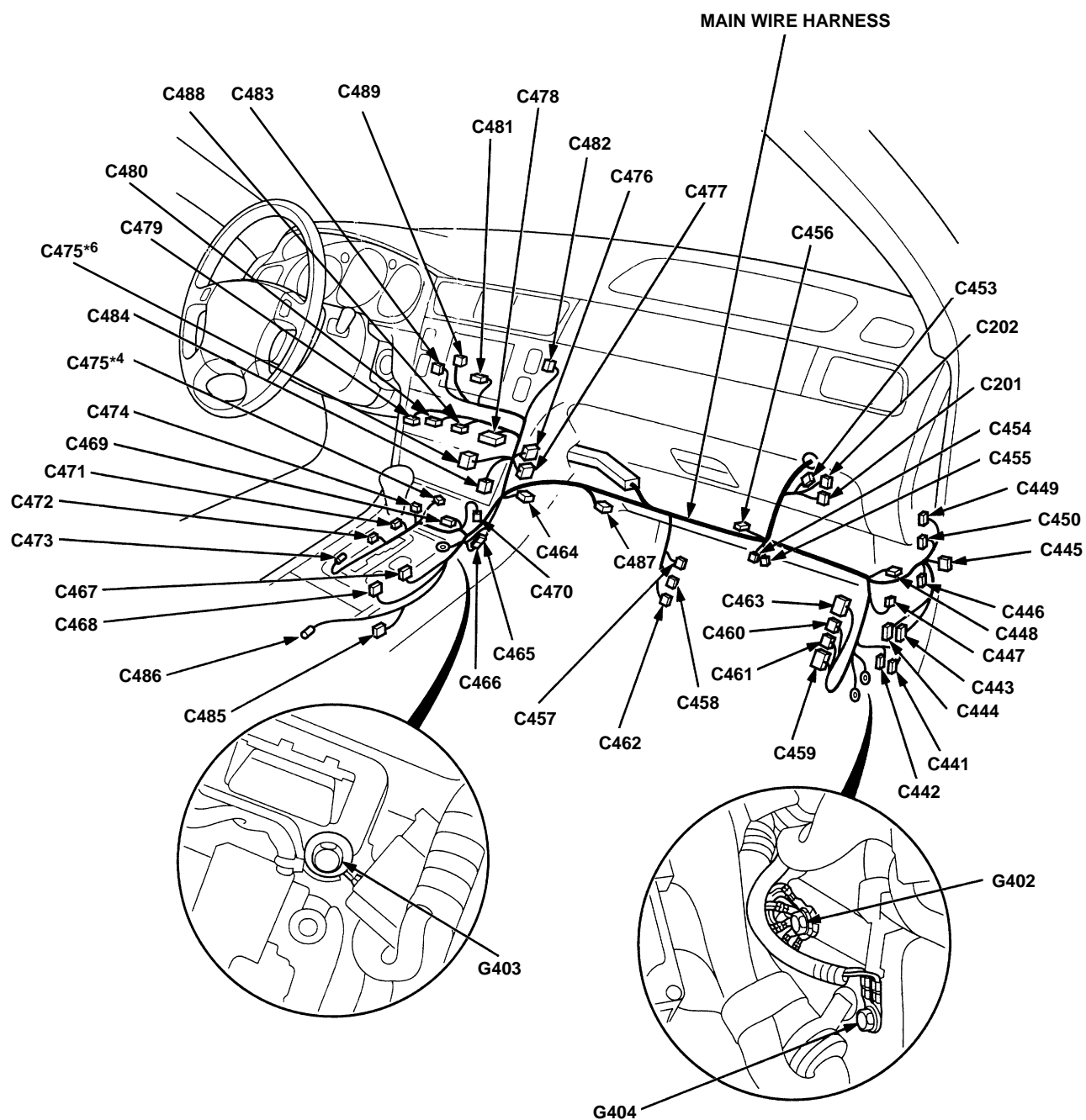
\*9: '99-'03 Navigation system

\*10: '04

\*11: '04 Navigation system



# Connector to Harness Index



# Connector to Harness Index

## Dashboard Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C430	12-GRY	Left side of steering column	Main wire harness	
C476	22-GRN	Behind climate control unit and audio unit	Main wire harness	
C477	8-GRY	Behind climate control unit and audio unit	Main wire harness	*10
C477	12-GRY	Behind climate control unit and audio unit	Main wire harness	*9
C501	8-BLU	Behind left kick panel	Under-dash fuse/relay box	
C502	20-BLU	Behind left kick panel	Under-dash fuse/relay box	
C504	16-GRY	Left side of steering column	Left side wire harness	
C505	6-WHT	Behind left side of dash	Dash lights brightness controller	
C506	6-WHT	Behind left side of dash	TCS switch	*3
C506	6-WHT	Behind left side of dash	VSA off switch	*4
C507	5-GRN	Behind left side of dash	Cruise control main switch	
C508	22-GRN	Behind gauges	Gauge assembly	
C509	30-GRN	Behind gauges	Gauge assembly	
C510	5-GRN	Behind gauges	Select/reset switch	
C511	3-GRY	Behind middle of dash	Automatic lighting sensor	
C512	2-GRY	Behind middle of dash	Sunlight sensor	
C513	2-GRY	Behind middle of dash	In-car temperature sensor	
C514	5-GRN	Behind instrument panel	Hazard warning switch	*2
C514	5-BLU	Behind instrument panel	Hazard warning switch	*7
C514	6-GRY	Behind instrument panel	Hazard warning switch	*1
C514	6-GRN	Behind instrument panel	Hazard warning switch	*5
C514	5-GRN	Behind instrument panel	Hazard warning switch	*6
C515	4-GRY	Behind instrument panel	Clock	*8
C516	2-GRY	Behind glove box	Glove box light	
C519	10-GRN	Behind gauges	Gauge assembly	*9

\*1: '99 Navigation system

\*2: '96-'03 except Navigation system

\*3: '96-'99

\*4: '00-'04

\*5: '00-'03 Navigation system

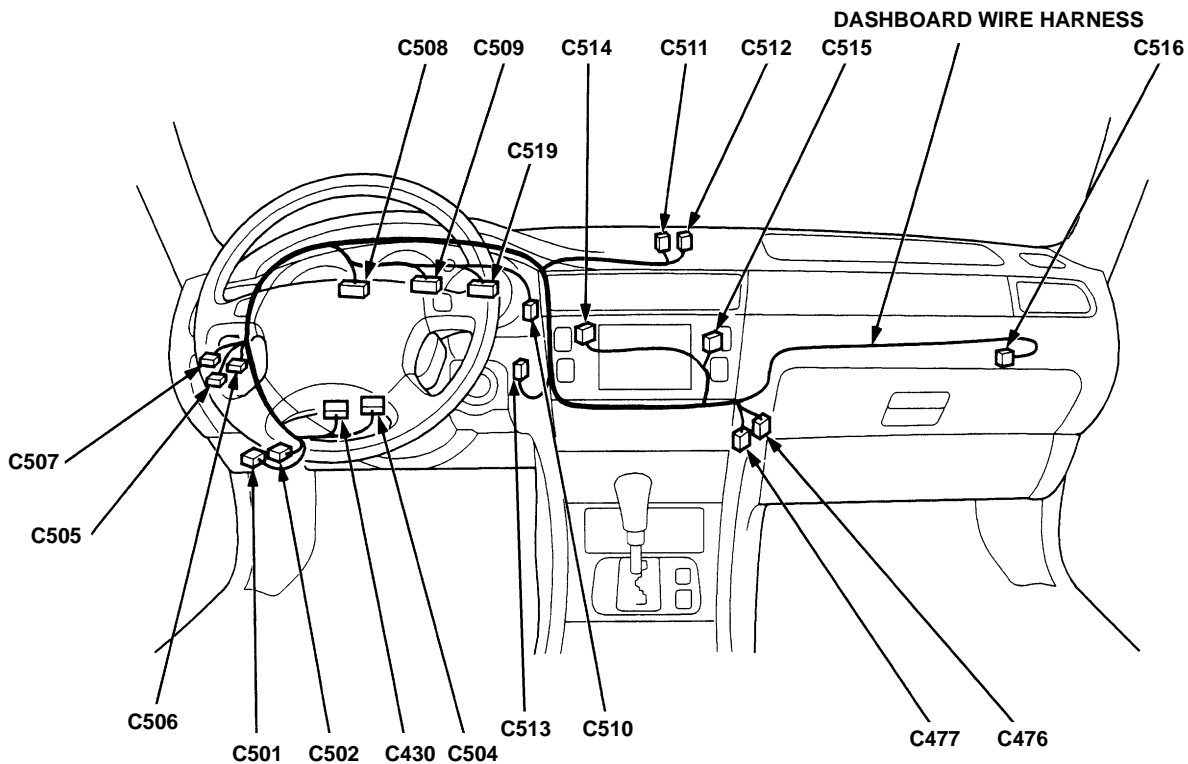
\*6: '04 Navigation system

\*7: '04 except Navigation system

\*8: Except Navigation system

\*9: '04

\*10: '96-'03





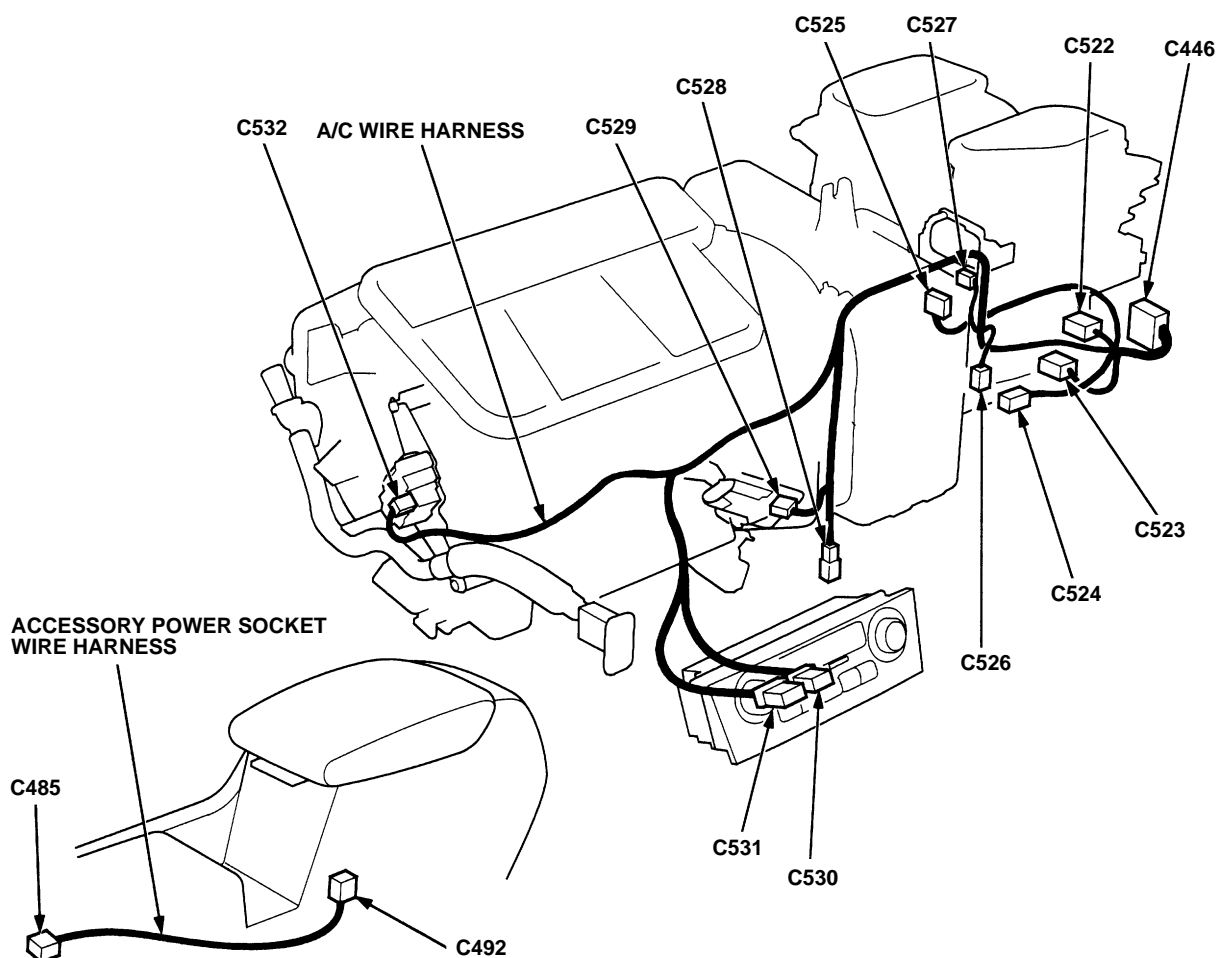
# Connector to Harness Index

## Accessory Power Socket Wire Harness ('99-'04)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C485	2-GRY	Behind center console	Main wire harness	
C492	2-BLK	Behind center console	Accessory power socket	

## A/C Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C446	20-GRY	Under right side of dash	Main wire harness	'96-'03 '04
C446	22-GRY	Under right side of dash	Main wire harness	
C522	5-NAT	Under right side of dash	Blower motor relay	
C523	5-NAT	Under right side of dash	Blower motor high relay	
C524	3-BRN	Under right side of dash	Blower power transistor	
C525	2-NAT	Under right side of dash	Blower motor	
C526	2-GRY	Behind glove box	Evaporator temperature sensor	
C527	4-GRN	Behind glove box	Recirculation control motor	
C528	2-BLK	Behind glove box	Trunk opener main switch	
C529	5-GRN	Behind glove box	Air mix control motor	
C530	8-GRY	Behind climate control unit	Climate control unit connector A	'96-'03 '04
C530	12-GRY	Behind climate control unit	Climate control unit connector A	
C531	20-BLK	Behind climate control unit	Climate control unit connector B	
C532	5-GRN	Behind left side of center console	Mode control motor	



# Connector to Harness Index

## Right Side Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C441	24-LT BLU	Under right side of dash	Main wire harness	*3
C442	22-GRY	Under right side of dash	Main wire harness	
C443	16-BLU	Under right side of dash	Main wire harness	
C444	22-GRN	Under right side of dash	Main wire harness	
C605	2-YEL	Under right side of dash	SRS main harness	
C606	22-GRY	Under right side of dash	Multiplex control unit (passenger's)	
C607	2-YEL	Right B-pillar	Front passenger's seat belt tensioner	
C608	2-GRY	Right B-pillar	Front passenger's seat belt tension reducer	
C609	20-GRY	Right B-pillar	Right rear door wire harness	
C610	2-BLK	Right side of floor	Diode (for seat belt tension reducer)	
C611	4-GRY	Under front passenger's seat	Secondary heated oxygen sensor (Sensor 2)	*4
C612	2-BRN	Under front passenger's seat	Front passenger's power seat sub-harness	
C613	4-GRY	Under front passenger's seat	Front passenger's seat heater	
C614	4-GRY	Under front passenger's seat	OPDS unit	
C615	2-BRN	Under front passenger's seat	Front passenger's seat belt switch	
C615	3-GRY	Under front passenger's seat	Front passenger's seat belt switch	
C616	2-GRY	Under front passenger's seat	SRS floor harness	
C617	3-GRY	Right C-pillar	Moonroof control unit	
C618	2-BRN	Right C-pillar	Moonroof motor	
C619	2-GRY	Right side of rear shelf	Right rear speaker	*1
C620	2-GRY	Left side of rear shelf	Left rear speaker	
C621	6-GRN	Right side of trunk	Moonroof open relay	
C621	5-GRY	Right side of trunk	Moonroof open relay	
C622	6-BLU	Right side of trunk	Moonroof close relay	
C622	5-GRY	Right side of trunk	Moonroof close relay	
C623	8-GRY	Right side of trunk	Keyless receiver unit	
C623	7-GRN	Behind right side of rear seat	Keyless receiver unit	
C624	18-GRY	Front of trunk	Amplifier	
C625	12-GRY	Front of trunk	Amplifier	
C626	6-BLK	Front of trunk	Yaw rate/Lateral G sensor	*6
C627	14-BLU	Front of trunk	TCS control unit	
C628	20-BLU	Front of trunk	TCS control unit	
C629	20-GRY	Front of trunk	Left side wire harness	
C629	8-GRY	Front of trunk	Left side wire harness	
C630	1-BRN	Right side of trunk	Rear window defogger coil connector A	
C631	2-GRY	Under rear shelf	Navigation system check connector	
C632	10-GRY	Front of trunk	Audio sub-harness	
C633	8-BLK	Under rear shelf	Navigation control unit	
C634	16-BLK	Under rear shelf	Navigation control unit	
C634	14-BLK	Under rear shelf	Navigation control unit	*12
C635	20-BLK	Under rear shelf	Navigation control unit	
C635	12-BLK	Under rear shelf	Navigation control unit	
C636	1-GRY	Middle rear of ceiling	Cellular phone antenna	
C637	1-GRY	Behind right side of rear seat	OnStar system radio frequency modulator	
C638	24-LT BLU	Behind right side of rear seat	OnStar system sub-harness	
G601		Right side of rear floor	Body ground, via right side wire harness	
G602		Behind right side of rear seat	Body ground, via right side wire harness	
G603		Middle front of trunk	Body ground, via right side wire harness	

\*1: '96-'97

\*2: '98-'04

\*3: '96-'98

\*4: '99-'04

\*5: '96-'99

\*6: '00-'04

\*7: BOSE sound system

\*8: '96-'01

\*9: '02-'04

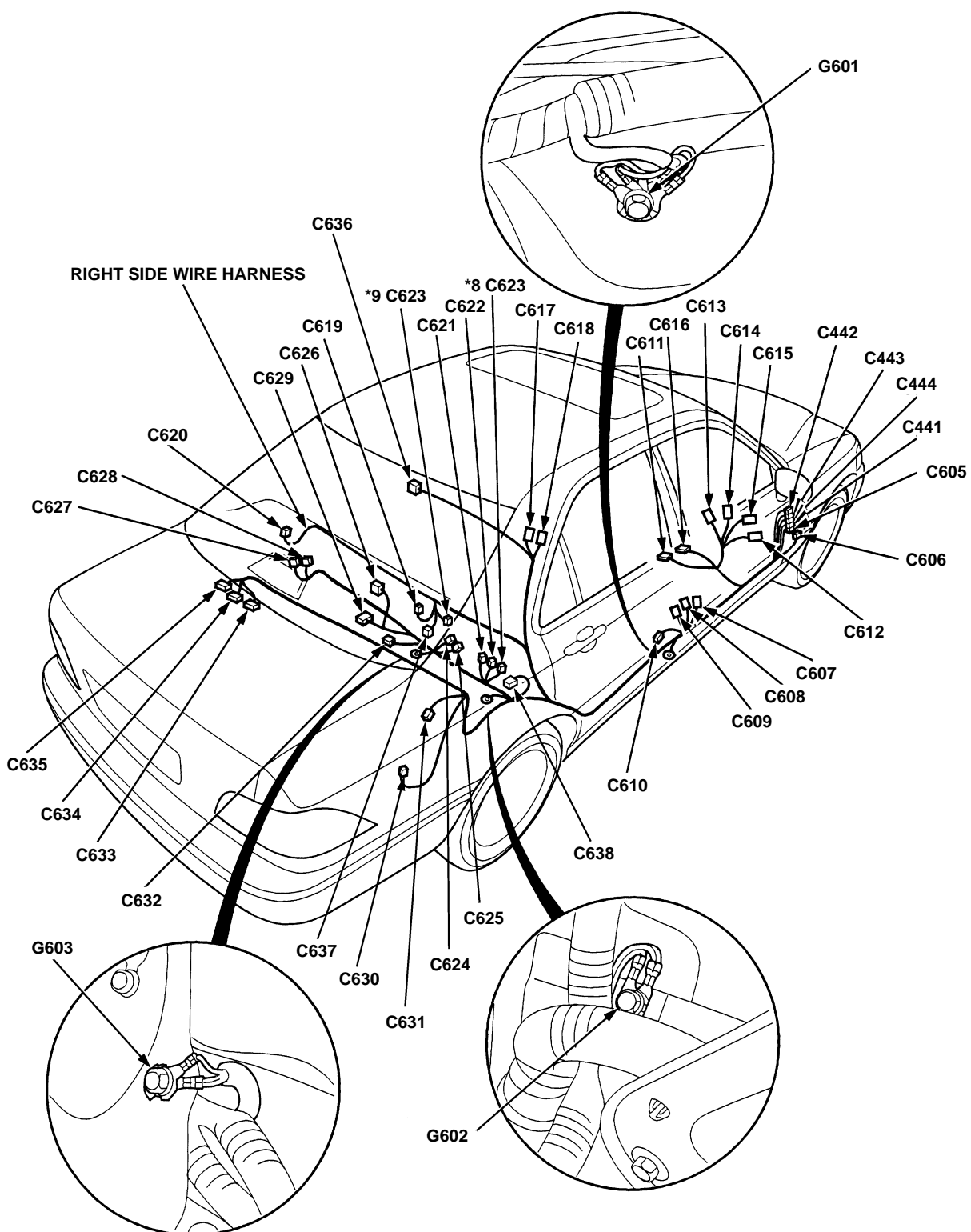
\*10: '02-'04 (USA)

\*11: '04

\*12: '00-'03



# Connector to Harness Index





# Connector to Harness Index

## Left Side Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C409	14-GRY	Under left side of dash	Main wire harness	
C410	12-GRY	Under left side of dash	Main wire harness	
C410	8-GRY	Under left side of dash	Main wire harness	*8
C413	18-GRY	Under left side of dash	Main wire harness	
C414	22-GRN	Under left side of dash	Main wire harness	*1
C414	14-GRN	Under left side of dash	Main wire harness	*2
C439	13-WHT	Under left side of dash	Main wire harness	*9
C504	16-GRY	Under left side of dash	Dashboard wire harness	
C629	20-GRY	Front of trunk	Right side wire harness	*4
C629	8-GRY	Front of trunk	Right side wire harness	*5
C651	18-BLU	Behind left kick panel	Under-dash fuse/relay box	
C652	2	Behind left kick panel	SRS main harness	*6
C658	16-GRY	Under left side of dash	Multiplex control unit (driver's)	
C659	10-GRY	Under driver's seat	Driver's power seat wire harness	
C659	12-N/A	Under driver's seat	Driver's power seat wire harness	*9
C660	3-GRY	Under driver's seat	Driver's seat belt switch	
C661	4-GRY	Under driver's seat	Driver's seat heater	
C662	2-YEL	Left B-pillar	Driver's seat belt tensioner	
C663	20-GRY	Left B-pillar	Left rear door wire harness	
C664	2-GRY	Left B-pillar	Driver's seat belt tension reducer	
C665	2-BLK	Left side of floor	Diode (for seat belt tension reducer)	
C666	14-GRN	Front of trunk	Automatic lighting control unit	USA Canada
C666	14	Front of trunk	Daytime running lights control unit	
C667	4-BRN	Front of trunk	Fuel pump (FP) relay	
C669	10-GRY	Front of trunk	Fuel unit sub-harness	
C670	16-GRY	Left front of trunk	Rear wire harness	
C671	2-GRY	Under driver's seat	SRS floor harness	
C672	2-YEL	Under driver's seat	SRS floor harness	
C673	2-BRN	Left rear underside of vehicle	EVAP vent shut solenoid valve	
C674	3-GRY	Left rear underside of vehicle	Fuel tank pressure sensor	
C675	2-BLK	Left rear underside of vehicle	EVAP bypass solenoid valve	
C677	13-WHT	Left side of trunk	Rear wire harness	*9
G651		Left side of rear floor	Body ground, via left side wire harness	
G652		Behind left side of rear seat	Body ground, via left side wire harness	

\*1: '96-'97

\*2: '98-'04

\*3: '99-'04

\*4: '96-'99

\*5: '00-'04

\*6: '96-'98

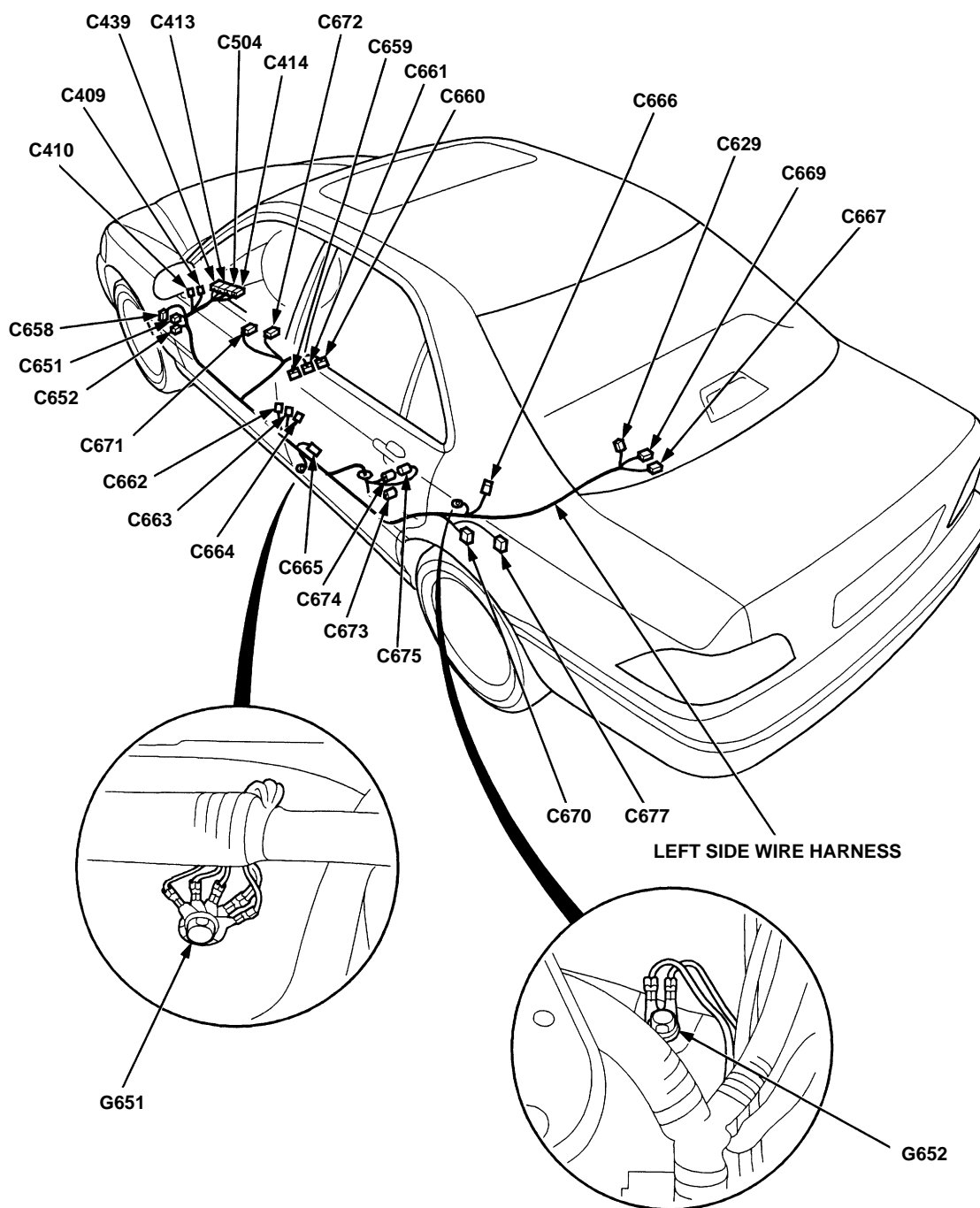
\*7: '96-'01, '02-'03 (Canada)

\*8: '02-'04 (USA)

\*9: '04



# Connector to Harness Index



# Connector to Harness Index

## Roof Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C411	4-GRY	Under left side of dash	Main wire harness	*2
C411	8-GRY	Under left side of dash	Main wire harness	*1
C411	14-GRY	Under left side of dash	Main wire harness	*5
C411	16-GRY	Under left side of dash	Main wire harness	*6
C542	1-CLR	Roof	Driver's vanity mirror light	*4
C542	2-GRY	Roof	Driver's vanity mirror light	*3
C543	4-GRY	Roof	Front ceiling and spotlights	
C544	1-CLR	Roof	Front passenger's vanity mirror light	*4
C544	2-GRY	Roof	Front passenger's vanity mirror light	*3
C545	4-GRY	Roof	Rear ceiling light	
C546	3-GRY	Roof	Automatic dimming mirror	*1, *6
C547	16-GRY	Rear view mirror	Automatic dimming mirror/OnStar buttons and microphone	*5
C547	7-GRY	Roof	OnStar® buttons and microphone/ Homelink unit B	*6
C548	2-GRY	Roof	OnStar® buttons and microphone/ Homelink unit C	*6
C549	4-GRY	Roof	OnStar® buttons and microphone/ Homelink unit A	*6

\*1: '99-'01: Automatic dimming mirror, '02-'03 (Canada)

\*2: Except automatic dimming mirror

\*3: Homelink remote control system

\*4: Except homelink remote control system

\*5: '02-'03 (USA)

\*6: '04 (USA)

## Rear Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C670	16-GRY	Left front corner of trunk	Left side wire harness	
C702	2-BRN	Middle of trunk lid	High mount brake light	
C703	2-GRY	Middle front of trunk	Trunk light	
C704	2-GRY	Left side of trunk	Fuel pump resistor	
C705	6-GRY	Middle rear of trunk lid	Trunk latch switch	
C706	2-GRY	Behind rear bumper	Left license plate light	
C707	2-GRY	Behind rear bumper	Right license plate light	
C708	2-GRY	Right rear of trunk	Trunk key cylinder switch	Security
C709	8-GRY	Left rear of trunk	Left taillights	*1
C709	4-GRY	Left rear of trunk	Left brake lights/ taillights	*2
C710	8-GRY	Right rear of trunk	Right taillights	*1
C710	4-GRY	Right rear of trunk	Right brake lights/ taillights	*2
C711	6-GRY	Left rear of trunk	Trailer lighting connector	
C712	4-BLU	Left rear of trunk	Left brake lights/ taillights	*2
C713	3-GRY	Left rear of trunk	Left rear turn signal light	*2
C714	6-GRY	Left rear of trunk	Left brake light failure sensor	*2
C715	2-GRY	Left rear of trunk	Left back-up light	*2
C716	4-BLU	Right rear of trunk	Right brake lights/ taillights	*2
C717	3-GRY	Right rear of trunk	Right rear turn signal light	*2
C718	6-GRY	Right rear of trunk	Right brake light failure sensor	*2
C719	2-GRY	Right rear of trunk	Right back-up light	*2
C720	14-WHT	Left side of trunk	XM satellite radio unit connector B	*3
C677	13-WHT	Left front corner of trunk	Left wire harness	*4
G701		Near left taillight	Body ground, via rear wire harness	

\*1: '96-'98

\*2: '99-'04

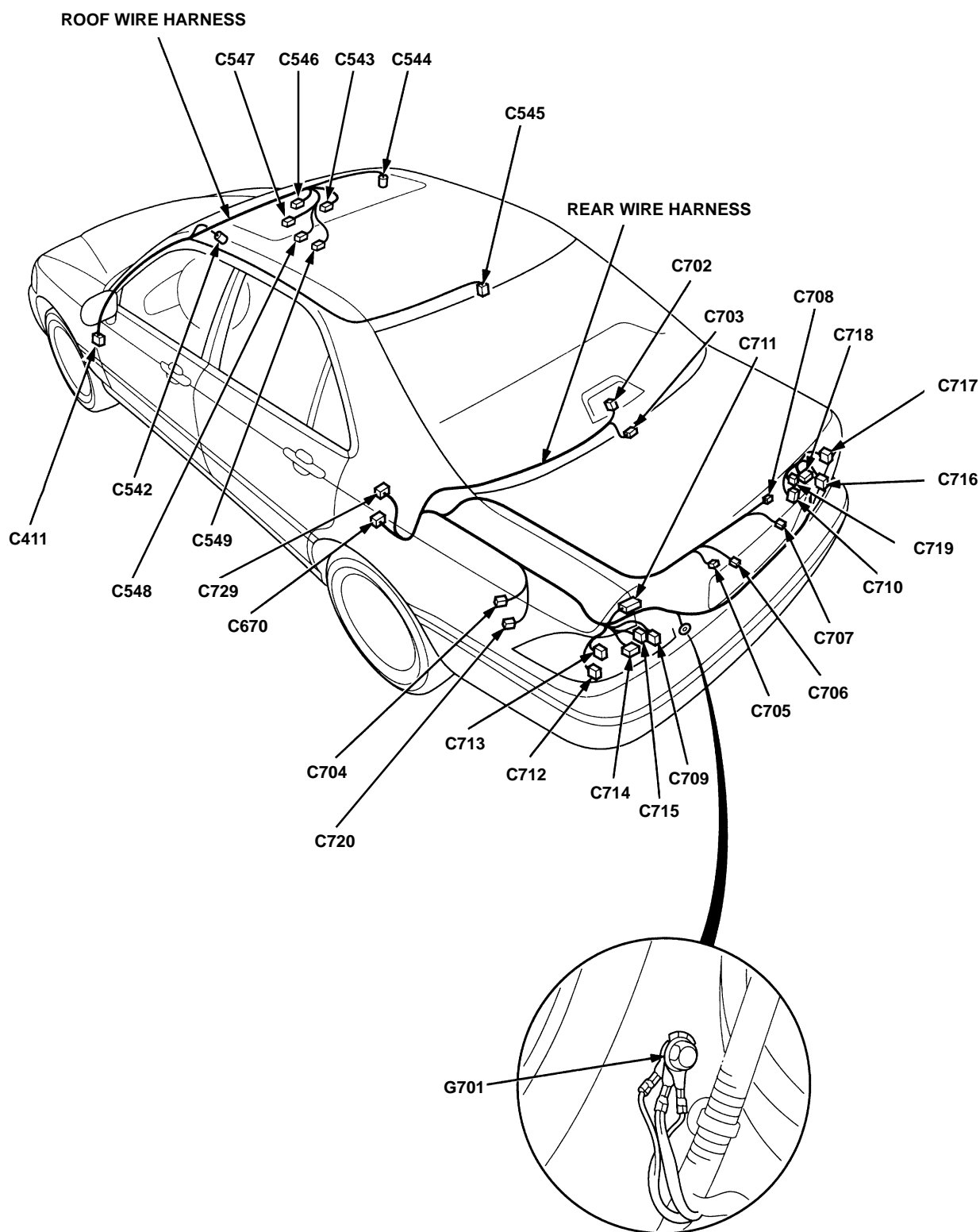
\*3: '04

\*4: '04 USA

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# Connector to Harness Index

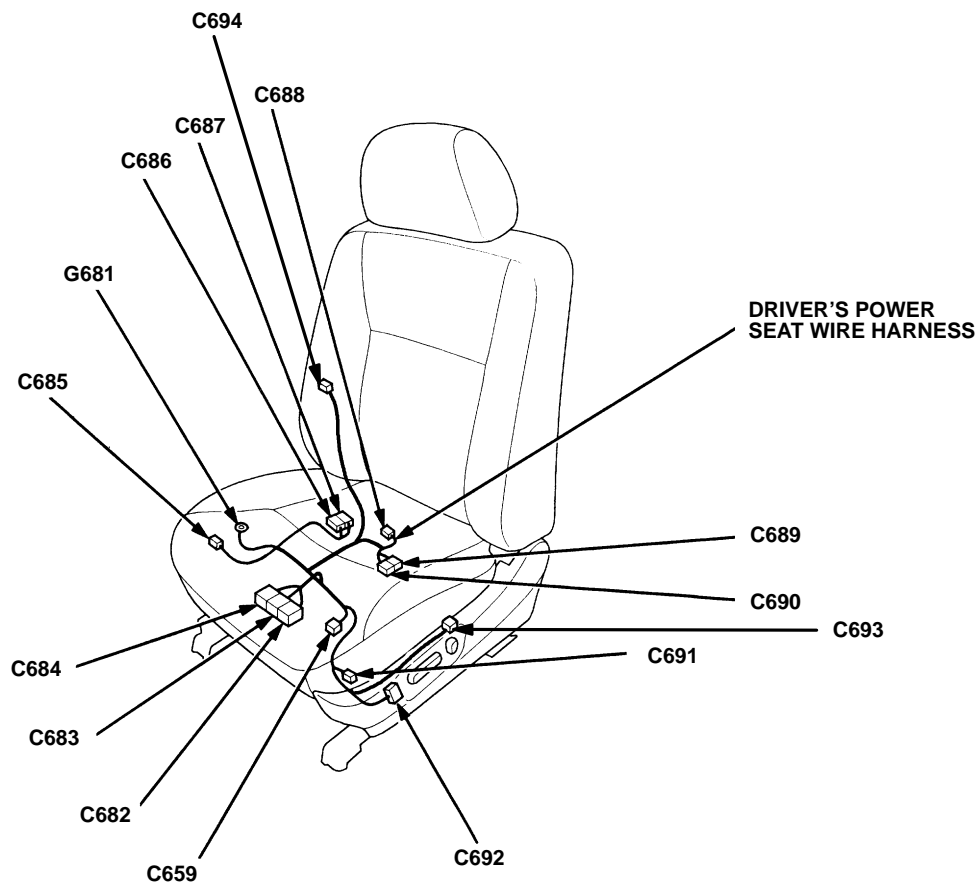


# Connector to Harness Index

## Driver's Power Seat Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C659	10-GRY	Under middle of driver's seat	Left side wire harness	
C682	12-GRY or BLK	Under front of driver's seat	Power seat control unit connector C	
C683	12-BLK	Under front of driver's seat	Power seat control unit connector A	
C684	16-BLK	Under front of driver's seat	Power seat control unit connector B	
C685	2-BRN	Under right front of driver's seat	Slide position sensor	
C686	2-BLU	Under middle of driver's seat	Rear up-down motor	
C687	3-GRY	Under middle of driver's seat	Rear up-down position sensor	
C688	4-GRY	Under middle of driver's seat	Recline motor and position sensor	
C689	2-GRN	Under middle of driver's seat	Front up-down motor	
C690	3-GRY	Under middle of driver's seat	Front up-down position sensor	
C691	2-GRY	Under left front of driver's seat	Slide motor	
C692	10-GRY	Behind power seat adjustment switch cover	Driver's power seat adjustment switch	
C693	5-WHT	Behind lumbar switch cover	Driver's lumbar switch	*1
C694	2-GRY	Behind driver's seat back	Lumbar motor	*1
G681		Under right side of driver's seat	Body ground, via driver's power seat wire harness	

\*1: '04

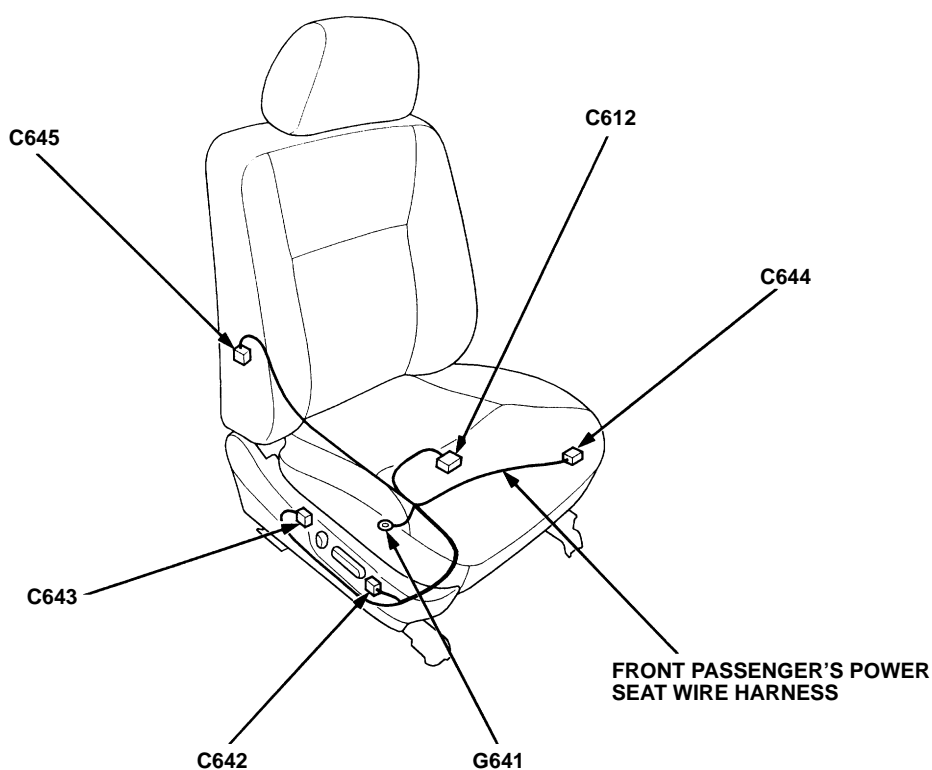




# Connector to Harness Index

## Front Passenger's Power Seat Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C612 C642	2-BRN 8-GRY	Under middle of front passenger's seat Behind power seat adjustment switch cover	Right side wire harness Front passenger's power seat adjustment switch connector B	
C643	8-GRY	Behind power seat adjustment switch cover	Front passenger's power seat adjustment switch connector A	
C644 C645	2-GRY 2-GRY	Under left front of front passenger's seat Front passenger's seat back	Slide motor Recline motor	
G641		Under right side of front passenger's seat	Body ground, via front passenger's power seat wire harness	

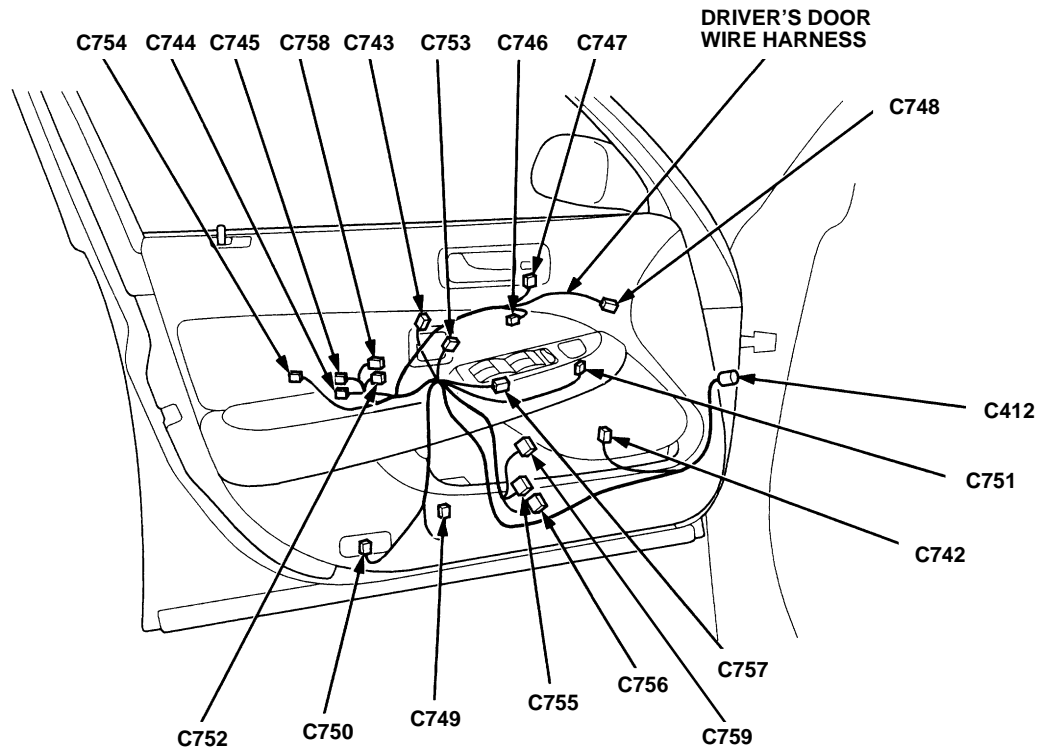


# Connector to Harness Index

## Driver's Door Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C412	42-GRY	Driver's door	Main wire harness	
C742	2-GRY	Driver's door	Driver's door speaker	*6
C743	4-GRY	Driver's door	Driver's power window motor	
C743	6-GRY	Driver's door	Driver's power window motor	*7
C744	8-GRY	Driver's door	Driver's door latch	
C745	3-GRY	Driver's door	Driver's door key cylinder switch	
C746	2-GRY	Driver's door	Left tweeter	*1
C747	3-GRY	Driver's door	Driver's door lock switch	
C748	10-GRY	Driver's door	Left power mirror actuator	*4
C748	8-GRY	Driver's door	Left power mirror actuator	*5
C749	2-BRN	Driver's door	Trunk opener switch	
C750	2-GRY	Driver's door	Driver's door courtesy light	
C751	10-BLU	Driver's door	Power mirror switch	*6
C751	10-GRN	Driver's door	Power mirror switch	*7
C752	2-BRN	Driver's door	Power mirror switch	*3
C753	10-GRY	Driver's door	Driving position memory switch	
C754	2-GRY	Driver's door	Security indicator	
C755	12-BLK	Driver's door	Power mirror control unit	*6
C756	16-BLK	Driver's door	Power mirror control unit	*6
C757	20-BLU	Driver's door	Multiplex control unit (door)	
C758	2-GRY	Driver's door	Left tweeter	*2
C758	2-GRY	Driver's door	Left twiddler	*8
C759	18-GRY	Driver's door	Power window control unit	*7

- \*1: Except BOSE sound system  
 \*2: BOSE sound system  
 \*3: Defogger  
 \*4: Position memory  
 \*5: Except position memory  
 \*6: '96-'01  
 \*7: '02-'04  
 \*8: '04



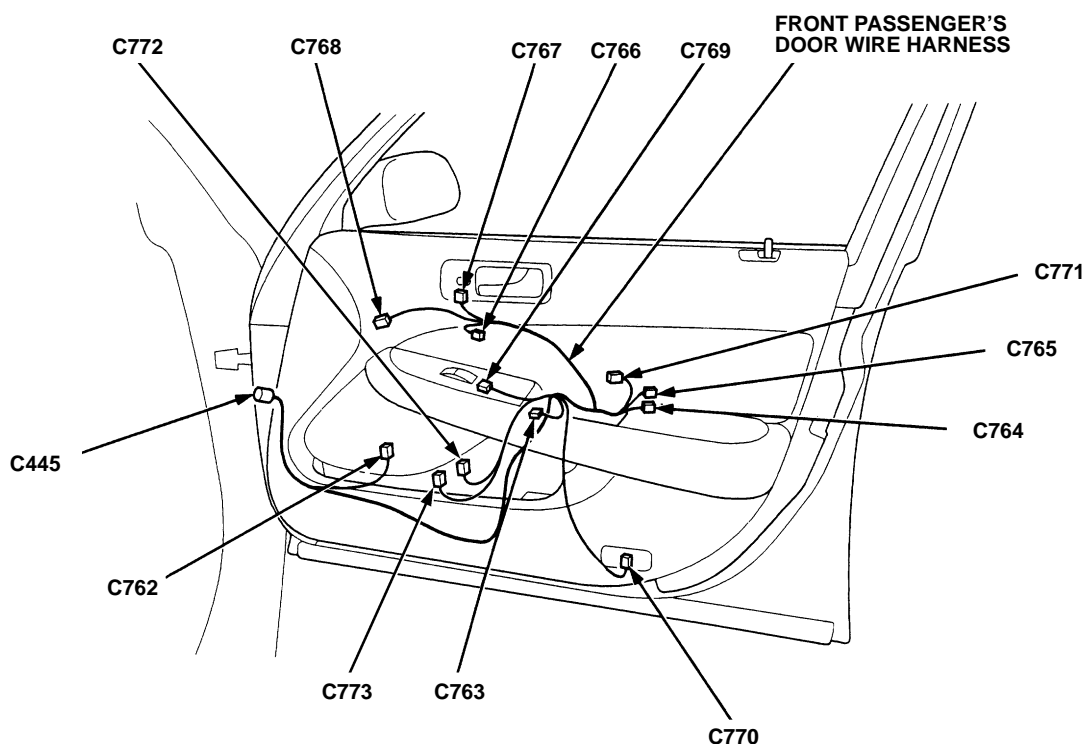


# Connector to Harness Index

## Front Passenger's Door Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C445	42-GRY	Front passenger's door	Main wire harness	
C762	2-GRY	Front passenger's door	Front passenger's door speaker	
C763	2-GRY	Front passenger's door	Front passenger's power window motor	
C764	8-GRY	Front passenger's door	Front passenger's door latch	
C765	3-GRY	Front passenger's door	Front passenger's door key cylinder switch	
C766	2-GRY	Front passenger's door	Right tweeter	*3
C767	3-GRY	Front passenger's door	Front passenger's door lock switch	
C768	10-GRY	Front passenger's door	Right power mirror actuator	*5
C768	8-GRY	Front passenger's door	Right power mirror actuator	*6
C769	6-GRY	Front passenger's door	Power window switch	*1
C769	8-GRY	Front passenger's door	Power window switch	*2
C770	2-GRY	Front passenger's door	Front passenger's door courtesy light	
C771	2-GRY	Front passenger's door	Right tweeter	*4
C771	2-GRY	Front passenger's door	Right twiddler	*8
C772	12-GRY	Front passenger's door	Power mirror control unit	*7
C773	16-GRY	Front passenger's door	Power mirror control unit	*7

- \*1: '96-'97  
 \*2: '98-'04  
 \*3: Except BOSE sound system  
 \*4: BOSE sound system  
 \*5: Position memory  
 \*6: Except position memory  
 \*7: '02-'04  
 \*8: '04





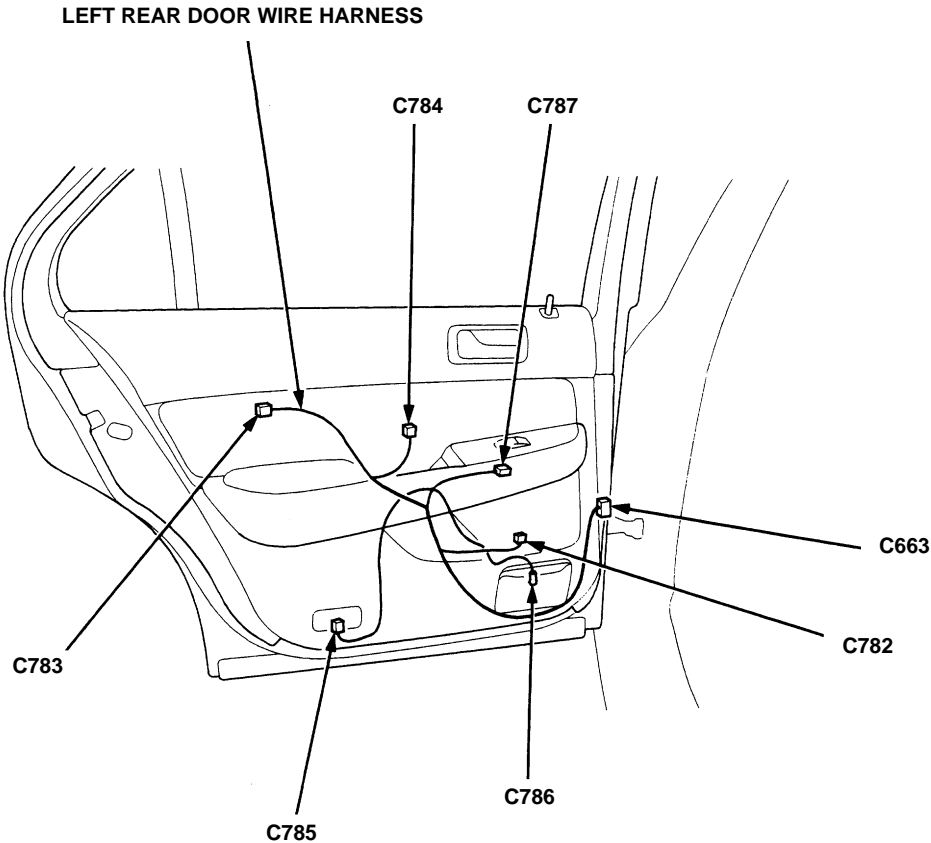
# Connector to Harness Index

## Left Rear Door Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C663	20-GRY	Left rear door	Left side wire harness	
C782	2-GRY	Left rear door	Left rear door speaker	
C783	6-GRY	Left rear door	Left rear door lock latch	
C784	2-GRY	Left rear door	Left rear power window motor	
C785	2-GRY	Left rear door	Left rear door courtesy light	
C786	2-BLK	Left rear door	Left rear door ashtray light	
C787	6-GRY	Left rear door	Left rear power window switch	*1
C787	8-GRY	Left rear door	Left rear power window switch	*2

\*1: '96-'97

\*2: '98-'04





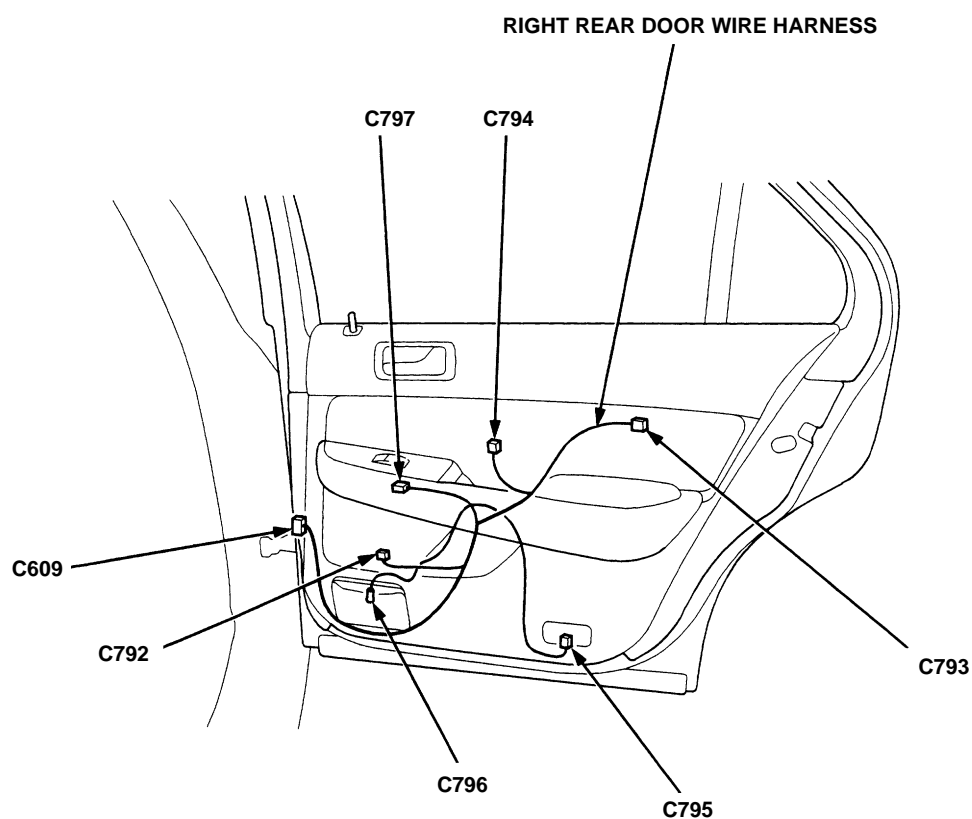
# Connector to Harness Index

## Right Rear Door Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C609	20-GRY	Right rear door	Right side wire harness	
C792	2-GRY	Right rear door	Right rear door speaker	
C793	6-GRY	Right rear door	Right rear door latch	
C794	2-GRY	Right rear door	Right rear power window motor	
C795	2-GRY	Right rear door	Right rear door courtesy light	
C796	2-BLK	Right rear door	Right rear door ashtray light	
C797	6-GRY	Right rear door	Right rear power window switch	*1
C797	8-GRY	Right rear door	Right rear power window switch	*2

\*1: '96-'97

\*2: '98-'04



# Connector to Harness Index

## Fuel Unit Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C669	10-GRY	Front of trunk	Left side wire harness	
C722	2-BRN	Middle of fuel tank	Fuel pump (FP)	
C723	3-BRN	Middle of fuel tank	Fuel tank unit	
C724	2-ORN	On right half of rear cross beam	ABS left rear wheel sensor	*1
C724	4-ORN	On right half of rear cross beam	ABS left rear wheel sensor	*2
C725	2-ORN	On right half of rear cross beam	ABS right rear wheel sensor	

\*1: '96-'99

\*2: '00-'04

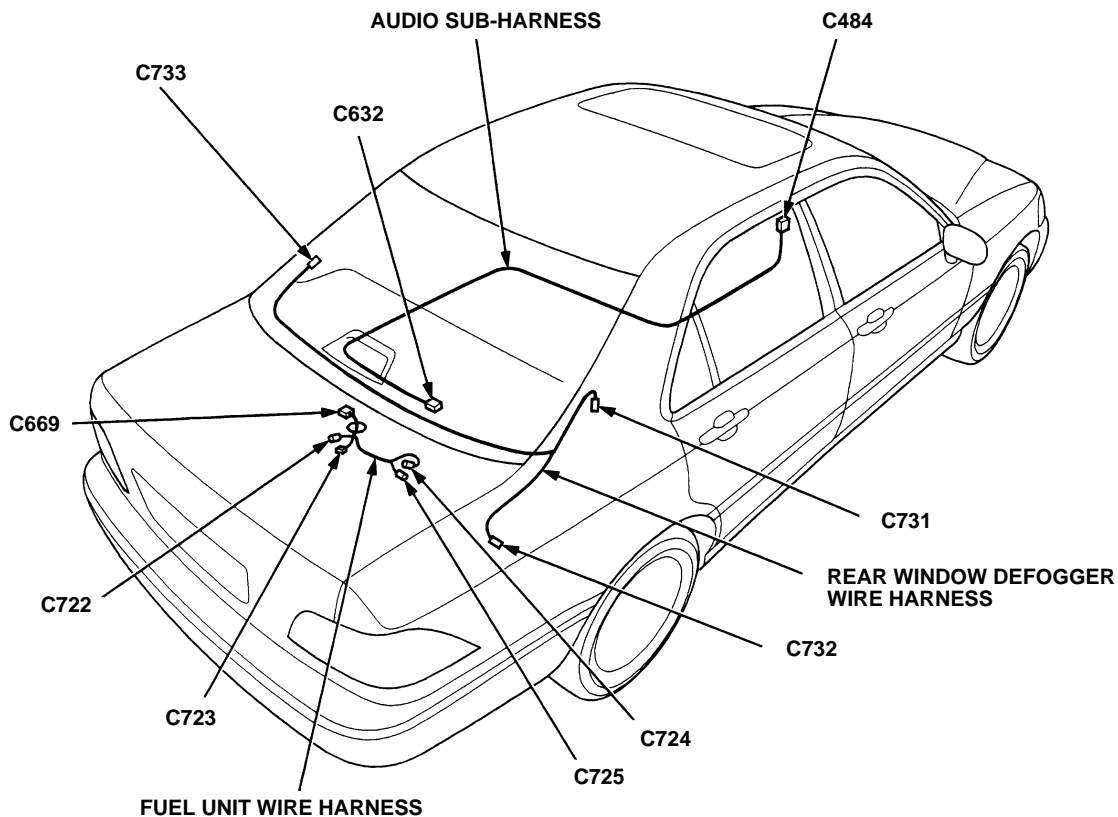
## Rear Window Defogger Wire Harness

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C731	1-BLK	Right C-pillar	Rear window defogger connector A	
C732	2-BRN	Right side of trunk	Rear window defogger coil connector B	
C733	1-BLK	Left C-pillar	Rear window defogger connector B	

## Audio Sub-harness (BOSE sound system)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C484	10-GRY	Under middle of dash	Main wire harness	*1
C632	10-GRY	Front of trunk	Right side wire harness	*1

\*1: '97-'04

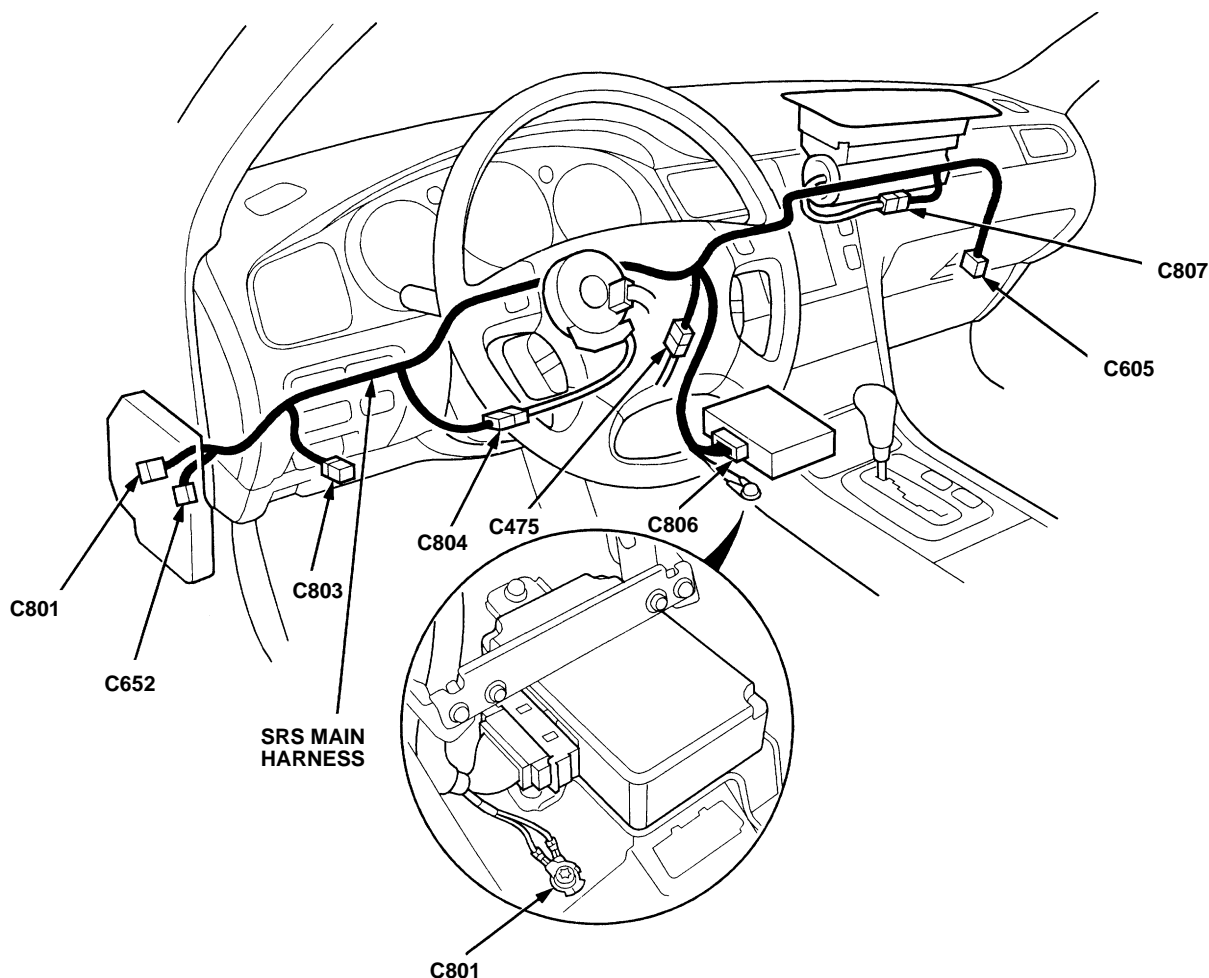




# Connector to Harness Index

## SRS Main Harness ('96-'98)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C475	3-YEL	Middle of floor	Main wire harness	
C605	2-YEL	Under right side of dash	Right side wire harness	
C652	2-YEL	Under left side of dash	Left side wire harness	
C801	2-YEL	Behind left kick panel	Under-dash fuse/relay box	
C803	2-YEL	Under left side of dash	Memory erase signal (MES) connector	
C804	2-YEL	Under left side of dash	Cable reel	
C806	18-YEL	Middle of floor	SRS unit	
C807	2-YEL	Behind glove box	Front passenger's airbag assembly	
G801		Middle of floor	Body ground, via SRS main harness	



# Connector to Harness Index

## SRS Main Harness ('99-'04)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C475	8-YEL	Behind audio unit	Main wire harness	
C801	2-YEL	Behind left kick panel	Under-dash fuse/relay box	
C803	2-YEL	Under left side of dash	Memory erase signal (MES) connector	
C804	2-YEL	Under left side of dash	Cable reel	
C806	18-YEL	Behind audio unit	SRS unit connector A	
C807	4-YEL	Behind glove box	Front passenger's airbag assembly	
G801		Below front of console panel	Body ground, via SRS main harness	

## SRS Floor Harness ('99-'04)

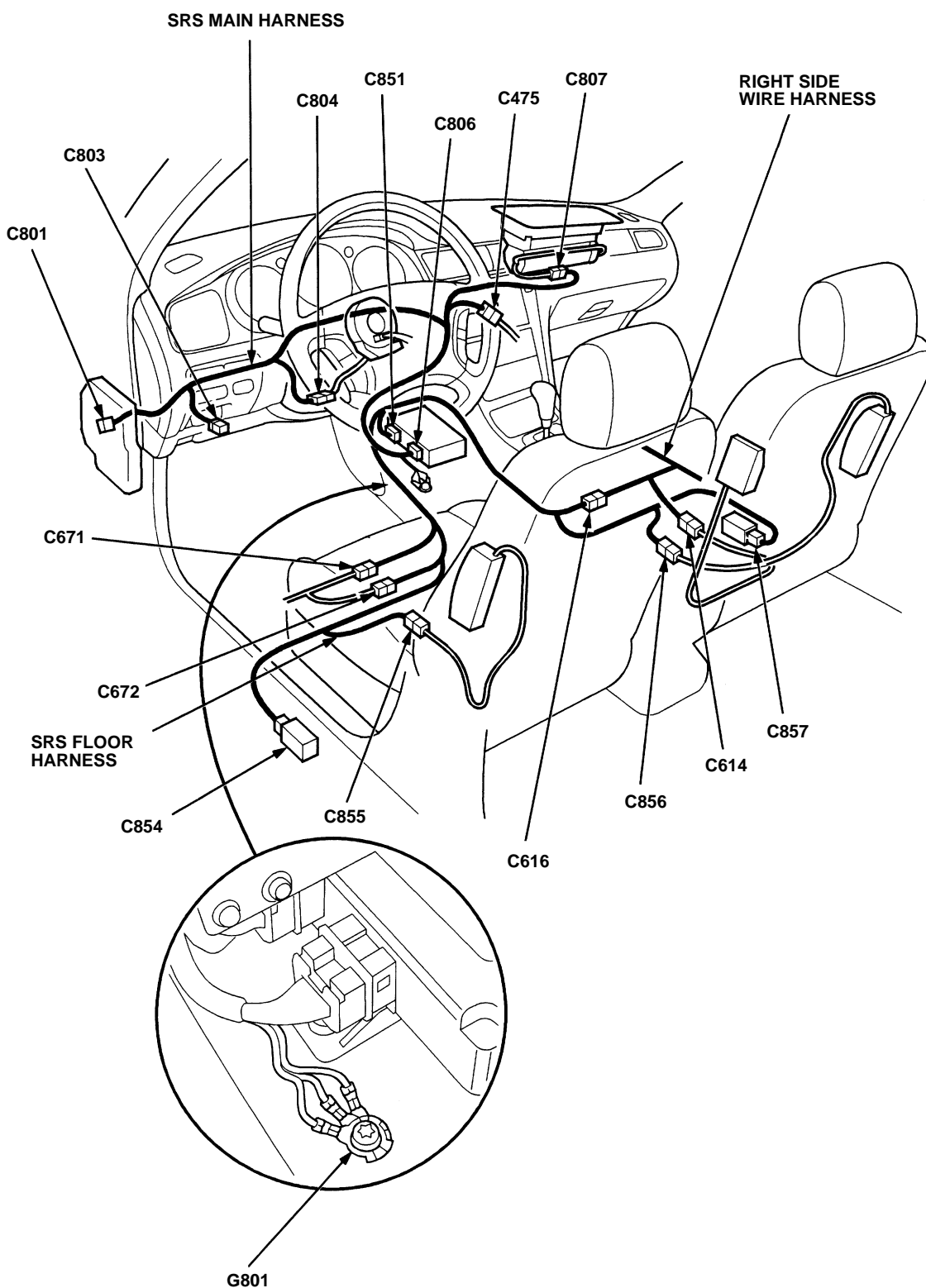
Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C616	2-YEL	Under passenger's seat	Right side wire harness	
C671	2-GRY	Under driver's seat	Left side wire harness	
C672	2-YEL	Under driver's seat	Left side wire harness	
C851	18-YEL	Behind audio unit	SRS unit connector B	
C854	4-YEL	Left side of floor	Driver's side impact sensor	
C855	2-YEL	Under driver's seat	Driver's side airbag assembly	
C856	2-YEL	Under passenger's seat	Front passenger's side airbag assembly	
C857	4-YEL	Right side of floor	Passenger's side impact sensor	

## Right Side Wire Harness ('99-'04)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C614	4-GRY	Under front passenger's seat	OPDS unit connector D	



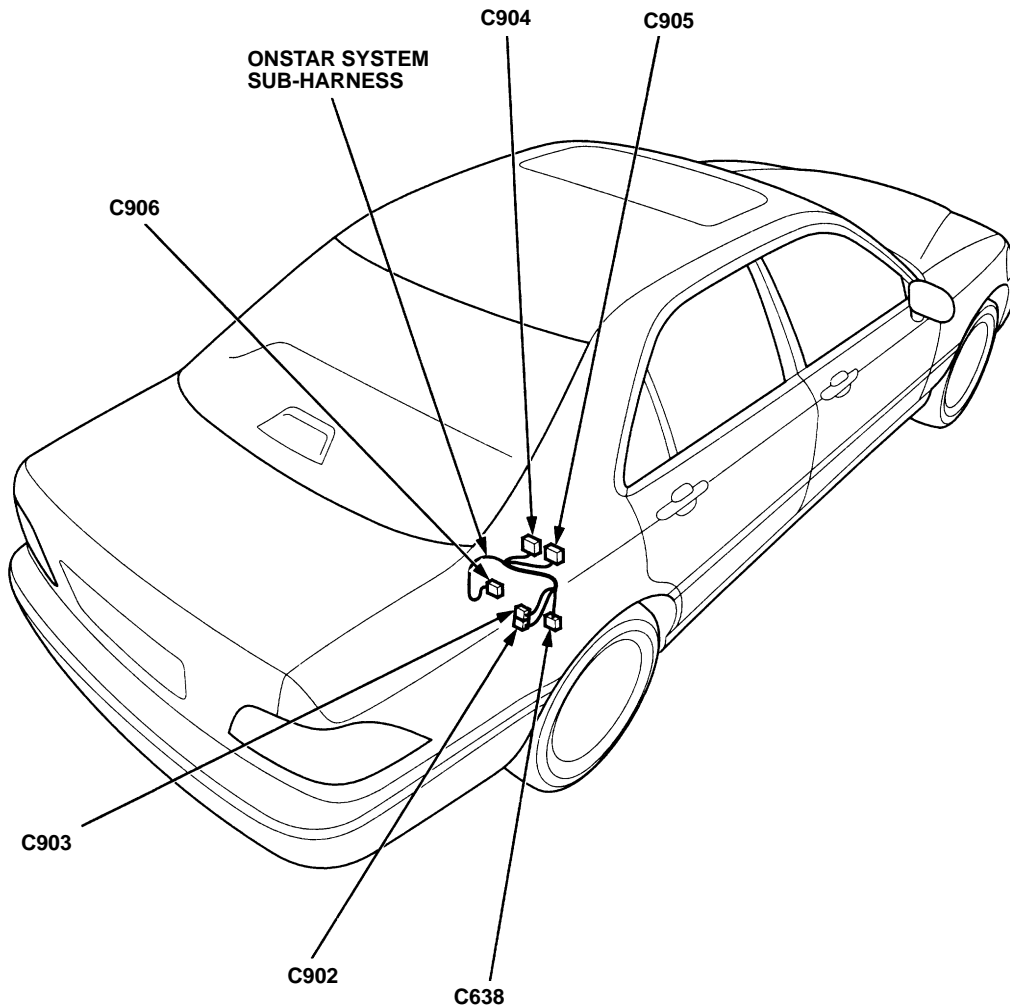
# Connector to Harness Index



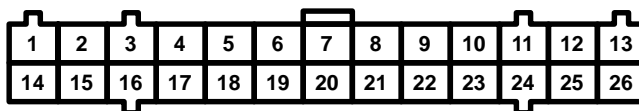
# Connector to Harness Index

## OnStar System Sub-harness ('02-'04 USA)

Connector or Terminal	Cavities/ Color	Location	Connects to	Notes
C638	24-LT BLU	Behind right side of rear seat	Right side wire harness	
C902	12-BLK	Behind right side of rear seat	OnStar system interface unit	
C903	16-BLK	Behind right side of rear seat	OnStar system interface unit	
C904	32-BLU	Behind right side of rear seat	OnStar control unit	
C905	32-RED	Behind right side of rear seat	OnStar control unit	
C906	25-BLK	Behind right side of rear seat	OnStar system radio frequency modulator unit	



# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

## PCM Connector A (26P)

NOTE: Standard battery voltage is 12 V.

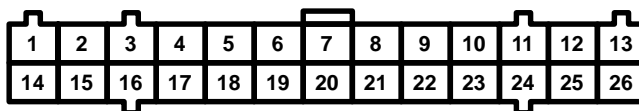
Terminal number	Wire color	Terminal name	Description	Signal
1	BRN	INJ1 (No. 1 FUEL INJECTOR)	Drives No.. 1 fuel injector.	With engine running: duty controlled
2	RED	INJ2 (No. 2 FUEL INJECTOR)	Drives No.. 2 fuel injector.	With engine running: duty controlled
3	BLU	INJ3 (No. 3 FUEL INJECTOR)	Drives No.. 3 fuel injector.	With engine running: duty controlled
4	YEL/GRN	FLR1 (FUEL PUMP RELAY)	Drives fuel pump relay.	0 V for two seconds after turning ignition switch ON (II), then battery voltage
5	BLK/BLU	IACV (IDLE AIR CONTROL VALVE)	Drives IAC valve.	With engine running: duty controlled
6	RED	ES (EGR CONTROL SOLENOID VALVE)	Drives EGR control solenoid valve.	With EGR operating during driving with fully warmed up engine: duty controlled With EGR not operating: battery voltage
7	LT GRN/RED	MIL (MALFUNCTION INDICATOR LAMP)	Drives MIL.	With MIL turned ON: 0 V With MIL turned OFF: battery voltage
8	RED/WHT	ACC (A/C CLUTCH RELAY)	Drives A/C clutch relay.	With compressor ON: 0 V With compressor OFF: battery voltage
10	RED/GRN	FP RCS (FUEL PRESSURE REGULATOR CONTROL SOLENOID VALVE)	Drives fuel pressure regulator control solenoid valve.	Within a few minutes after restart with high ECT: 0 V
11	PNK	IGN COIL1 (No. 1 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulse.	With ignition switch ON (II): 0 V With engine running: pulses
12	BLK	PG1 (POWER GROUND)	Ground for the PCM power circuit.	Less than 1.0 V at all times
13	YEL/BLK	IGP1 (POWER SOURCE)	Power source for the PCM control circuit.	With ignition switch ON (II): battery voltage With ignition switch OFF: 0 V
14	YEL	INJ4 (No. 4 FUEL INJECTOR)	Drives No. 4 fuel injector.	With engine running: duty controlled
15	BLK/RED	INJ5 (No. 5 FUEL INJECTOR)	Drives No. 5 fuel injector.	With engine running: duty controlled

\*: '96-'99 models

\*1: '00-'02 models



# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

## PCM Connector A (26P)

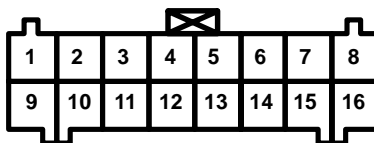
NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
16	WHT/BLU	INJ6 (No. 6 FUEL INJECTOR)	Drives No. 6 fuel injector.	With engine running: duty controlled
17	LT GRN	MCS (ENGINE MOUNT CONTROL SOLENOID VALVE)	Drives engine mount control solenoid valve.	At idle: 0 V Above idle: battery voltage
18	GRN/RED	LPO2SHTC (LEFT PRIMARY HEATED OXYGEN SENSOR HEATER CONTROL)	Drives left primary heated oxygen sensor heater.	With ignition switch ON (II): battery voltage With fully warmed up engine running: 0 V
19	BLK/WHT	RPO2SHTC (RIGHT PRIMARY HEATED OXYGEN SENSOR HEATER CONTROL)	Drives right primary heated oxygen sensor heater.	With ignition switch ON (II): battery voltage With fully warmed up engine running: 0 V
20	RED/BLU	IABCS1 (IAB LOW CONTROL SOLENOID VALVE)	Drives IAB low control solenoid valve.	With engine speed below 3,200 rpm: 0 V With engine speed above 3,200 rpm: battery voltage
21	BLK/WHT	SO2SHTC (SECONDARY HEATED OXYGEN SENSOR HEATER CONTROL)	Drives secondary heated oxygen sensor heater.	With ignition switch ON (II): battery voltage With fully warmed up engine running: pulses
22	YEL	IABCS2 (IAB HIGH CONTROL SOLENOID VALVE)	Drives IAB high control solenoid valve.	With engine speed below 3,800 rpm: 0 V With engine speed above 3,800 rpm: battery voltage
23	RED/YEL	PCS (EVAP PURGE CONTROL SOLENOID VALVE)	Drives EVAP purge control solenoid valve.	With engine running, engine coolant below 99°F (37°C)*, 140°F (60°C)* <sup>1</sup> : battery voltage With engine running, engine coolant above 99°F (37°C)*, 140°F (60°C)* <sup>1</sup> : 0 V
24	BRN	IGN COIL 2 (No 2 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulses.	With ignition switch ON (II): 0 V With engine running: pulses
25	BLK	PG2 (POWER GROUND)	Ground for the PCM power circuit.	Less than 1.0 V at all times
26	BRN/BLK	LG1 (LOGIC GROUND)	Ground for the PCM control circuit.	Less than 1.0 V at all times

\*: '96-'99 models

\*1: '00-'02 models

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

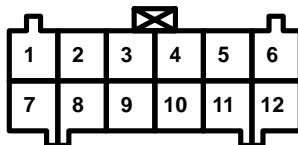
## PCM Connector B (16P)

NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
1	YEL/BLK	IGP2 (POWER SOURCE)	Power source for the PCM control circuit.	With ignition switch ON (II): battery voltage With ignition switch OFF: 0 V
2	RED	IGN COIL6 (No. 6 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulse.	With ignition switch ON (II): 0 V With engine running: pulses
3	GRN	PSPSW (P/S OIL PRESSURE SWITCH)	Detects PSP switch signal.	At idle with steering wheel in straight ahead position: 0 V At idle, with steering wheel at full lock: approx. 6 V
4*	YEL/GRN	MTRTW	Sends ECT signal to ECT gauge.	With ignition switch ON (II): duty controlled
5	YEL/RED	CYP 2P CMP (CYP) 2P ('04) (CYP SENSOR 2P SIDE)	Detects CYP sensor 2.	With engine running: pulses
6	YEL	CYP 1P CMP (CYP) 1P ('04) (CYP SENSOR 1P SIDE)	Detects CYP sensor 1.	
7	BLU/RED	CKP 2P (CKP SENSOR 2P SIDE)	Detects CKP sensor 2	
8	BLU	CKP 1P (CKP SENSOR 1P SIDE)	Detects CKP sensor 1.	
9	BRN/BLK	LG2 (LOGIC GROUND)	Ground for the PCM control circuit.	Less than 1.0 V at all times
10	GRY	IGN COIL 5 (No. 5 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulse.	With ignition switch ON (II): 0 V With engine running: pulses
11	GRN	IGN COIL 4 (No. 4 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulse.	With ignition switch ON (II): 0 V With engine running: pulses
12	BLU	IGN COIL3 (No. 3 IGNITION COIL, part of IGNITION CONTROL MODULE)	Sends ignition pulse.	With ignition switch ON (II): 0 V With engine running: pulses
13	BLU/WHT	VSS (VEHICLE SPEED SENSOR)	Detects VSS signal.	With ignition switch ON (II) and front wheels rotating: cycles 0 – 5 V
15	WHT/RED	CKP 2M (CKP SENSOR 2M SIDE)	Ground for CKP sensor 2.	
16	WHT	CKP 1M (CKP SENSOR 1M SIDE)	Ground for CKP sensor 1.	

\*: '03-'04

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

## PCM Connector C (12P)

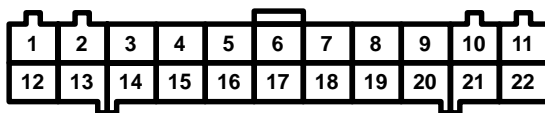
NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
2	PNK	ACS (A/C SWITCH SIGNAL)	Detects A/C switch signal.	With A/C switch ON: 0 V With A/C switch OFF: approx. 10 V
3	GRN/RED	PDSW (A/C PRESSURE SWITCH)	Detects A/C pressure switch signal.	With A/C pressure switch ON: 0 V With A/C pressure switch OFF: approx. 5 V
4	GRN	FLR2 (FUEL PUMP RELAY 2)	Drives fuel pump relay.	With engine at low rpm: battery voltage With engine at high rpm: 0 V
5	RED	SCS (SERVICE CHECK SIGNAL)	Detects service check connector signal (the signal causing a DTC indication)	With the connector connected: 0 V With the connector disconnected: about 5 V or battery voltage
6	BLU/RED	STS (STARTER SWITCH SIGNAL)	Detects starter switch signal.	With starter switch ON: battery voltage With starter switch OFF: 0 V
8	BLU	NEP (ENGINE SPEED PULSE)	Outputs engine speed pulse.	With engine running: pulses
9*	LT GRN/RED	TCINH (TRACTION CONTROL INHIBIT)	FI → TCS, TCS operation permission signal.	
10*,*1	BLK/ORN	TCFC (TRACTION CONTROL FUEL CUT)	TCS (VSA)*1 → FI, fuel cut (torque down) signal.	
11	WHT	IMO CODE (IMMOBILIZER CODE)	Detects immobilizer signal.	
12*,*1	PNK/BLK	TCSTB (TRACTION CONTROL STANDBY)	TCS (VSA)*1 → FI, TCS (VSA) operation start signal.	With TCS/VSA OFF: approx. 5 V With TCS/VSA ON: 0 V

\*: with TCS

\*1: with VSA

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

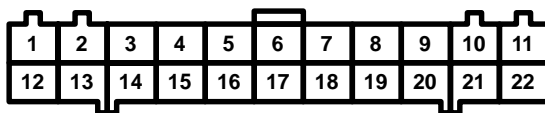
## PCM Connector D (22P)

NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
1	WHT/YEL	VBU (VOLTAGE BACKUP)	Power source for the PCM control circuit and the DTC memory.	Battery voltage at all times
2	RED/BLU	KSR (RIGHT KNOCK SENSOR (BANK 1))	Detects knock sensor signal.	With engine knocking: pulses
3*	GRN/ORN	BARO OUT (BAROMETRIC SENSOR OUTPUT SIGNAL)	Sends barometric sensor output signal.	With ignition switch ON (II): about 3 V (depending on barometric pressure)
4	LT GRN	K-LINE	Sends and received OBD II scan and PGM Tester signal.	With ignition switch ON (II): battery voltage
5	WHT/RED	ALTF (ALTERNATOR FR SIGNAL)	Detects alternator FR signal.	With fully warmed up engine running: 0–5 V (depending on electrical load)
6	RED/BLK	TPS (THROTTLE POSITION SENSOR)	Detects TP sensor signal.	With throttle fully open: approx. 4.5 V With throttle fully closed: about 0.5 V
7	RED/WHT	ECT (ENGINE COOLANT TEMPERATURE SENSOR)	Detects ECT sensor signal.	With ignition switch ON (II): about 0.1–4.8 V (depending on engine coolant temperature)
8	RED/YEL	IAT (INTAKE AIR TEMPERATURE SENSOR)	Detects IAT sensor signal.	With ignition switch ON (II): about 0.1–4.8 V (depending on intake air temperature)
9	RED/GRN	MAP (MANIFOLD ABSOLUTE PRESSURE SENSOR)	Detects MAP sensor signal.	With ignition switch ON (II): about 3 V At idle: about 1.0 V (depending on engine speed)
10	YEL/RED	VCC1 (SENSOR VOLTAGE)	Power source for MAP sensor.	With ignition switch ON (II): about 5 V With ignition switch OFF: 0 V
11	GRN/WHT	SG1 (SENSOR GROUND)	Ground for the MAP sensor.	

\*: with TCS

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

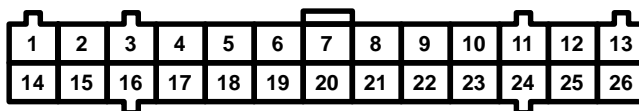
## PCM Connector D (22P)

NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
12	BLK	CYP 1M (CYP SENSOR 1M SIDE)	Ground for CYP sensor 1.	
13	YEL	KSL (LEFT KNOCK SENSOR (BANK 2))	Detects knock sensor signal.	With engine knocking: pulses
14	BLK/RED	CYP 2M (CYP SENSOR 2M SIDE)	Ground for CYP sensor 2.	
15	GRN/YEL	PTANK (FUEL TANK PRESSURE SENSOR)	Detects fuel tank pressure sensor.	With fuel fill cap opened: about 2.5 V
17	WHT/BLK	EGRL (EGR VALVE LIFT SENSOR)	Detects EGR valve lift sensor signal.	At idle without vacuum: about 1.2 V With 27 kPa (200 mmHg, 8 in.Hg): about 4.3 V
18	BLU/RED	LPHO2S (LEFT PRIMARY OXYGEN SENSOR, SENSOR 1)	Detects primary oxygen sensor (sensor 1) signal.	With throttle fully opened, fully warmed up engine: above 0.6 V With throttle quickly closed: below 0.4 V
19	WHT	RPHO2S (RIGHT PRIMARY OXYGEN SENSOR, SENSOR 1)	Detects primary oxygen sensor (sensor 1) signal.	With throttle fully opened, fully warmed up engine: above 0.6 V With throttle quickly closed: below 0.4 V
20*1	BLU/WHT	VREF (REFERENCE VOLTAGE)	Provides reference voltage to TCS control unit (VSA converter unit)*1	With ignition switch ON (II): about 5 V With ignition switch OFF: 0 V
21	YEL/BLU	VCC2 (SENSOR VOLTAGE)	Provides sensor voltage.	With ignition switch ON (II): about 5 V With ignition switch OFF: 0 V
22	GRN/BLK	SG2 (SENSOR GROUND)	Sensor ground.	

\*1: with VSA

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

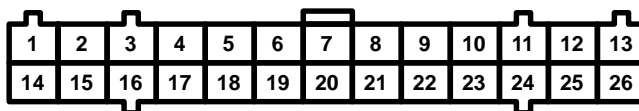
## PCM Connector E (26P)

NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
1	BLK/YEL	VS SOL (BATTERY VOLTAGE FOR SOLENOID VALVE)	Power source for solenoid valves.	With ignition switch ON (II): battery voltage With ignition switch OFF: 0 V
2	GRN/WHT	BKSW (BRAKE SWITCH)	Detects brake switch signal.	With brake pedal released: 0 V With brake pedal depressed: battery voltage
3	RED	LS+ (LINEAR SOLENOID VALVE +)	Drives linear solenoid valve.	With ignition switch ON (II): duty controlled
4	RED	NM (MAINSHAFT SPEED SENSOR)	Detects mainshaft speed sensor signal.	With engine running: pulses
5	BLU	NC (COUNTERSHAFT SPEED SENSOR)	Detects countershaft speed sensor signal.	With ignition switch ON (II) and front wheels turning: pulses
6*	PNK/BLU	TCSFT (TCS SHIFT CONTROL)	Sends TCS shift control signal.	With engine running: pulses
7	WHT	ATPR (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>R</b> position: 0 V In any other position: battery voltage
8	YEL	ATPD4 (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>D<sub>4</sub></b> position: 0 V In any other position: battery voltage
9	GRN	ATPD3 (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>D<sub>3</sub></b> position: 0 V In any other position: battery voltage
10	BLU	ATPD2 (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>2</b> position: 0 V In any other position: battery voltage
11	BRN	ATPD1 (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>1</b> position: 0 V In any other position: battery voltage
12	BLU/YEL	SHA (SHIFT CONTROL SOLENOID VALVE A)	Drives shift control solenoid valve A	With engine running in <b>2, 3</b> : battery voltage With engine running in <b>1, 4</b> : about 0 V

\*: with TCS

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

## PCM Connector E (26P)

NOTE: Standard battery voltage is 12 V.

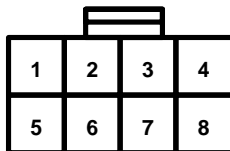
Terminal number	Wire color	Terminal name	Description	Signal
13	YEL	LC A (LOCK-UP CONTROL SOLENOID VALVE A)	Drives lock-up control solenoid valve A	With lock-up ON: battery voltage With lock-up OFF: 0 V
14	ORN	CRS (CRUISE CONTROL SIGNAL)	Detects cruise control signal	With ignition switch ON (II): pulses
16	WHT	LS – (LINEAR SOLENOID VALVE –)	Drives linear solenoid valve.	With ignition switch ON (II): duty controlled
17	WHT	NMSG (MAINSHAFT SPEED SENSOR GROUND)	Ground for mainshaft speed sensor.	
18	GRN	NCSG (COUNTERSHAFT SPEED SENSOR GROUND)	Ground for countershaft speed sensor.	
19	WHT/RED*1 BLU*2	SDLB (SERIAL DATA LINE B)	—	No signal
20	WHT/GRN*1 PNK*2	SDLA (SERIAL DATA LINE A)	Communicates with the VSA converter unit.	With ignition switch ON (II): pulses
22	WHT/GRN	ILU (INTERLOCK CONTROL UNIT)	Detects interlock control unit signal.	With ignition switch ON (II) and brake pedal depressed: battery voltage
23	BRN/YEL	D4 IND (D4 INDICATOR LIGHT)	Drives <b>D</b> <sub>4</sub> indicator light.	With <b>D</b> <sub>4</sub> indicator light turned ON: battery voltage With <b>D</b> <sub>4</sub> indicator light turned OFF: 0 V
24	LT GRN	ATPPN (A/T GEAR POSITION SWITCH)	Detects A/T gear position switch signal.	In <b>N</b> or <b>P</b> position: 0 V In any other position: battery voltage
25	GRN/WHT	SHB (SHIFT CONTROL SOLENOID VALVE B)	Drives shift control solenoid valve B.	With engine running in <b>1</b> , <b>2</b> : battery voltage With engine running in <b>3</b> , <b>4</b> : about 0 V
26	GRN/BLK	LC B (LOCK-UP CONTROL SOLENOID VALVE B)	Drives lock-up control solenoid valve B.	With lock-up ON: battery voltage With lock-up OFF: 0 V

\*: with TCS

\*1: with VSA

\*2: '04

# Engine/Powertrain Control Module Terminal Arrangement



wire side of female terminals

## PCM Connector F (8P)

NOTE: Standard battery voltage is 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
1	PNK/BLK	2WBS (EVAP BYPASS SOLENOID VALVE)	Drives EVAP bypass solenoid valve.	With ignition switch ON (II): battery voltage
2	WHT/RED	SHO2S (SECONDARY HEATED OXYGEN SENSOR, SENSOR 2)	Detects secondary heated oxygen sensor (sensor 2) signal.	With throttle fully opened, fully warmed up engine: above 0.6 V With throttle quickly closed: below 0.4 V
3	BLU	PHRST R (RIGHT PEAK HOLD RESET)	Sends peak hold reset signal.	With engine running: pulses
4	YEL	MFPLS R (RIGHT MISFIRE PULSE)	Detects misfire pulse.	With engine running: pulses
5	RED/WHT	VSV (EVAP CONTROL CANISTER VENT SHUT VALVE)	Drives EVAP control canister vent shut valve.	With ignition switch ON (II): battery voltage
6	GRN/WHT	SO2SGND (SECONDARY OXYGEN SENSOR, SENSOR 2 GROUND)	Sensor ground for secondary heated oxygen sensor (sensor 2).	
7	WHT	PHRST L (LEFT PEAK HOLD RESET)	Sends peak hold reset signal.	With engine running: pulses
8	RED	MFPLS L (LEFT MISFIRE PULSE)	Detects misfire pulse.	With engine running: pulses