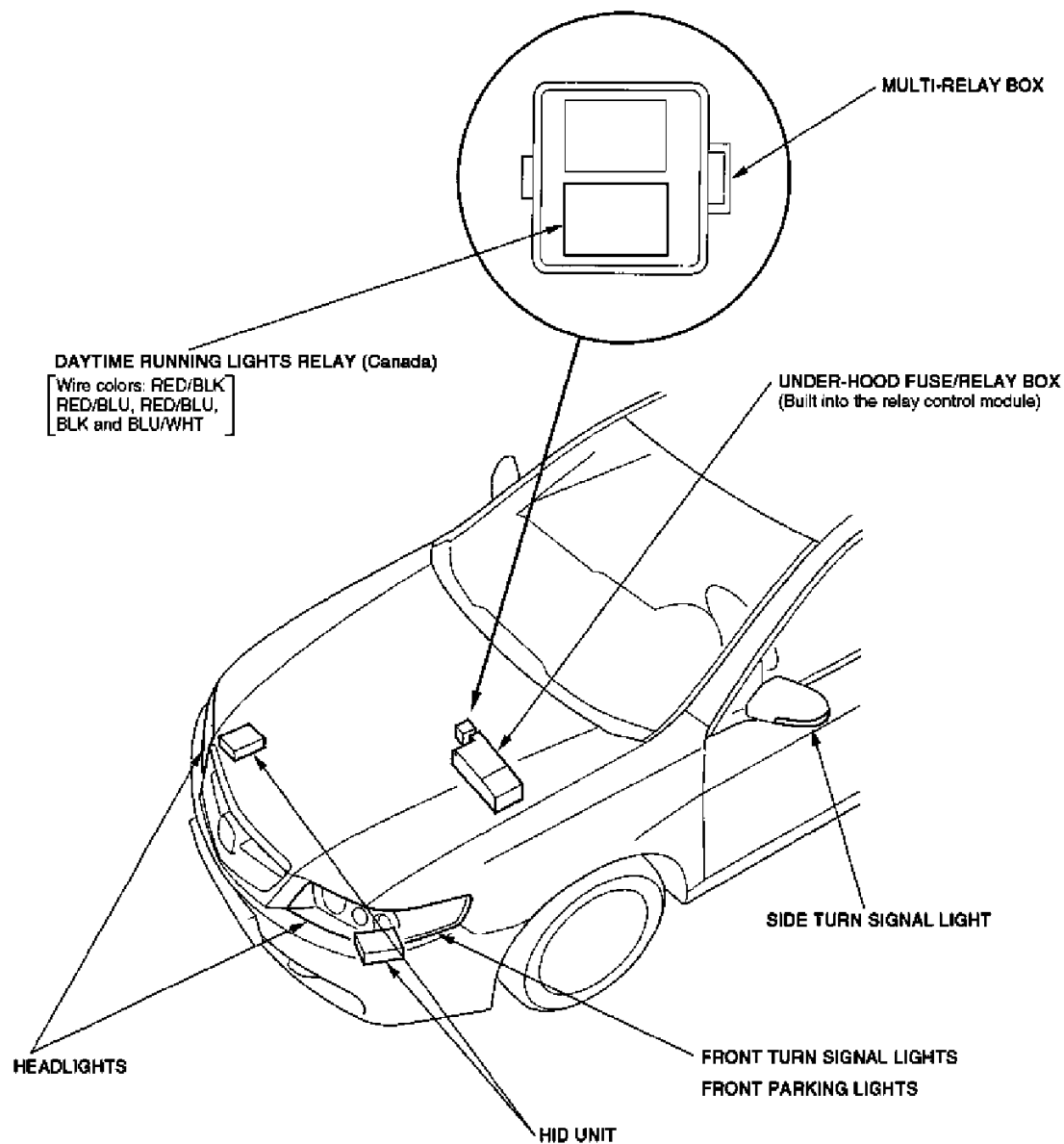


2004 ACCESSORIES & EQUIPMENT

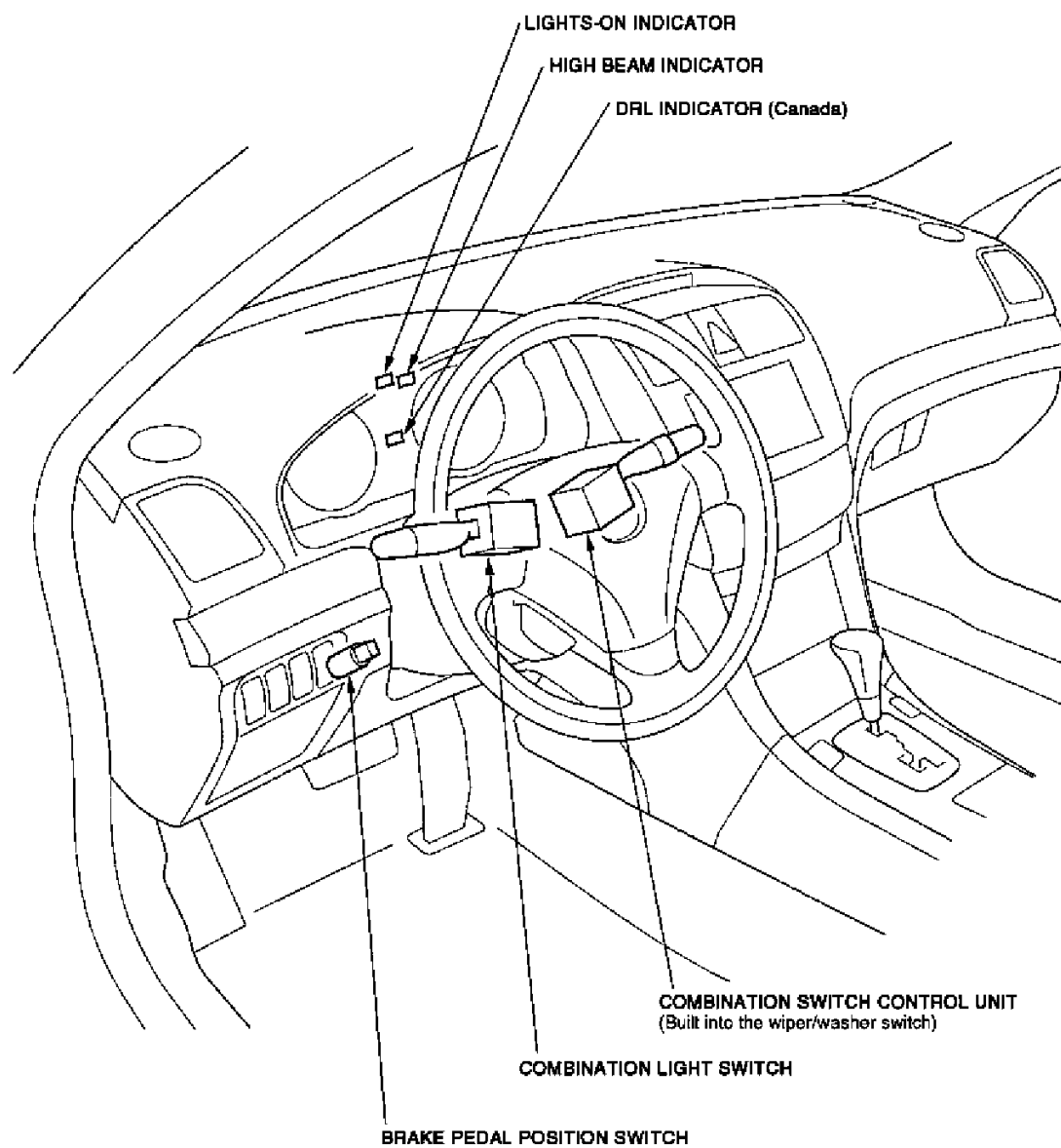
Exterior Lights - TSX

COMPONENT LOCATION INDEX



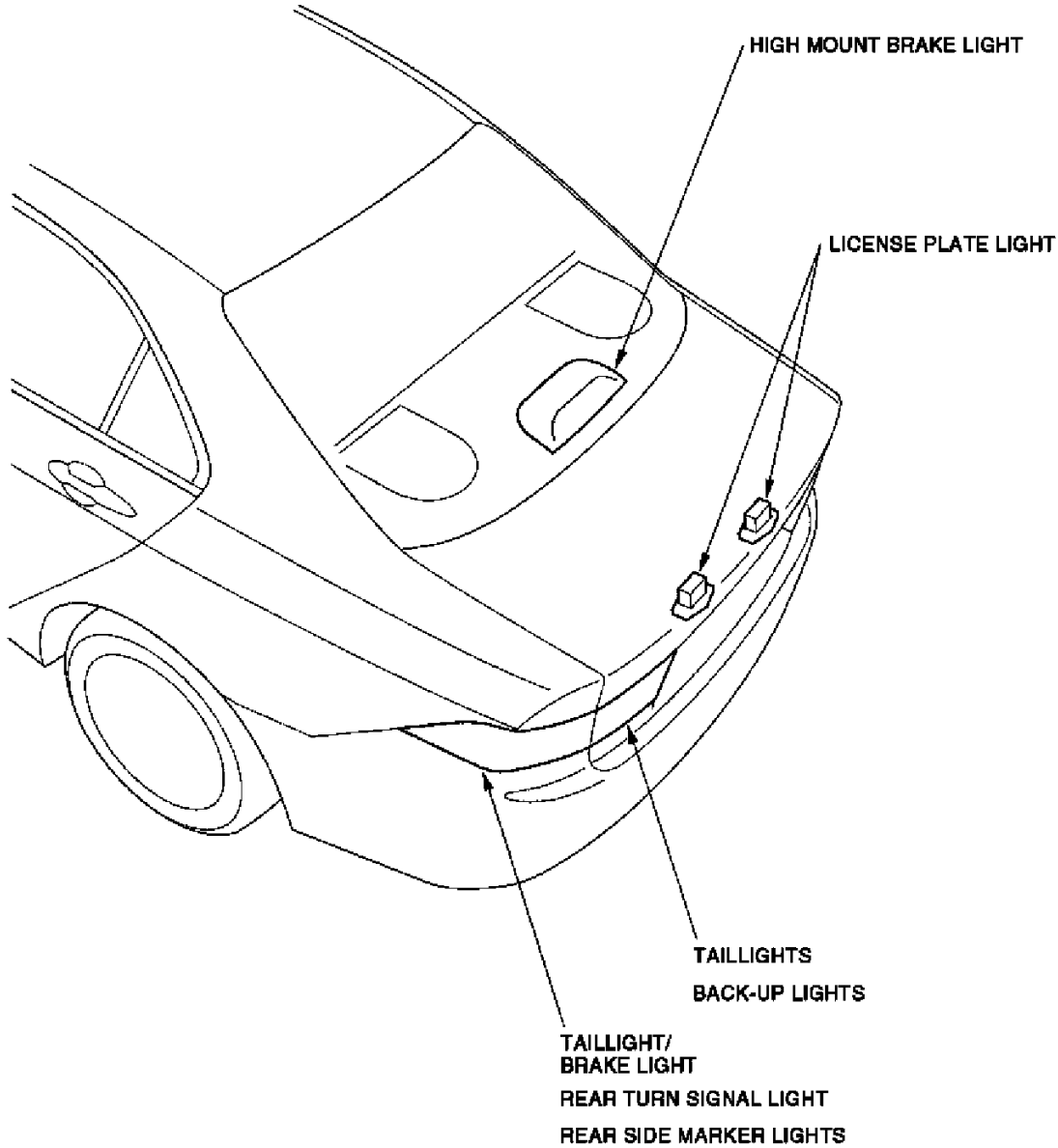
GD1520855

Fig. 1: Locating Exterior Lights Components (1 Of 3)



G01820956

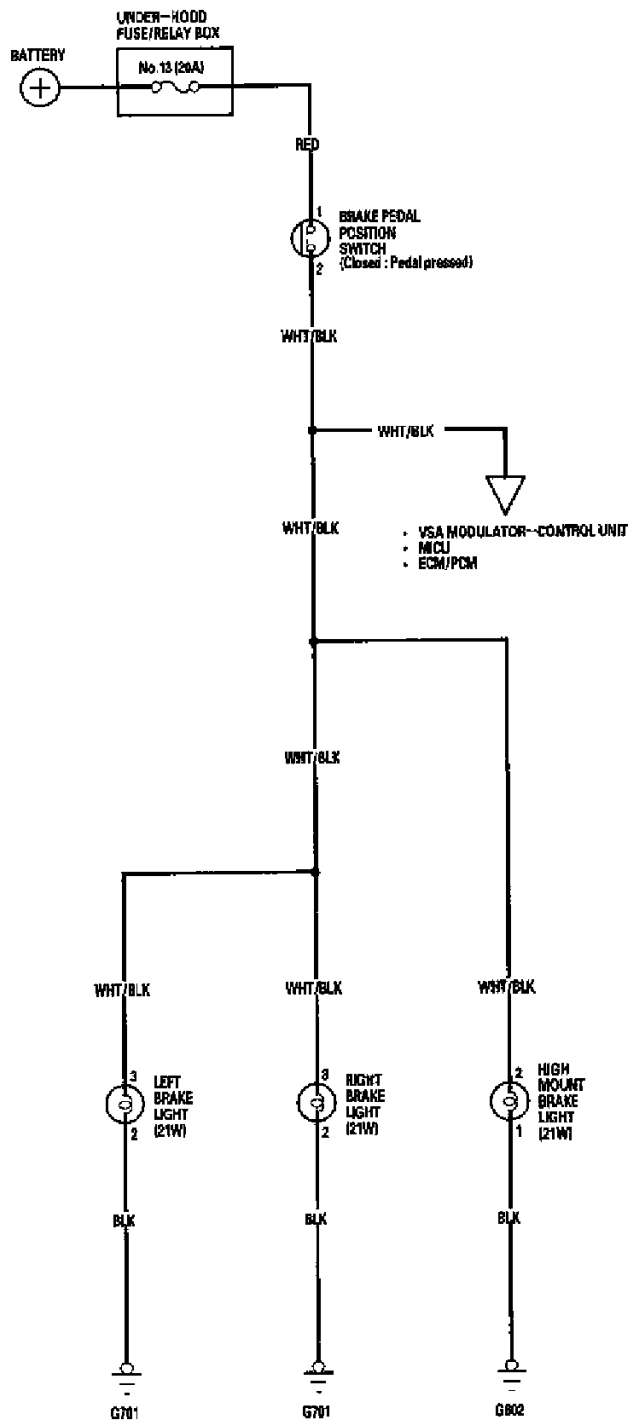
Fig. 2: Locating Exterior Lights Components (2 Of 3)



G01620957

Fig. 3: Locating Exterior Lights Components (3 Of 3)

CIRCUIT DIAGRAM

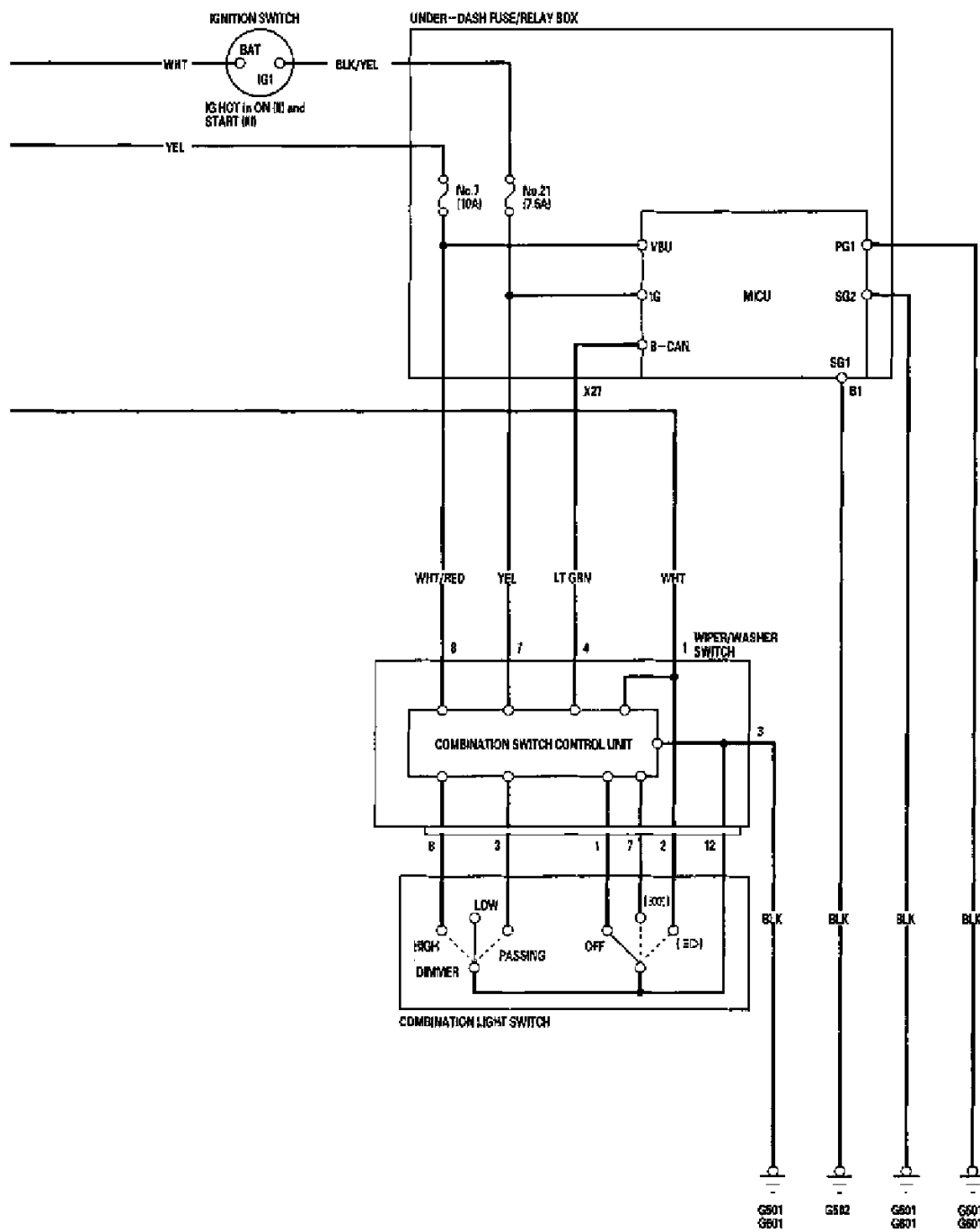


G01820958

Fig. 4: Brake Lights Wiring Diagram



Fig. 5: Exterior Lights Wiring Diagram (1 Of 2 - USA)



G01820960

Fig. 6: Exterior Lights Wiring Diagram (2 Of 2 - USA)

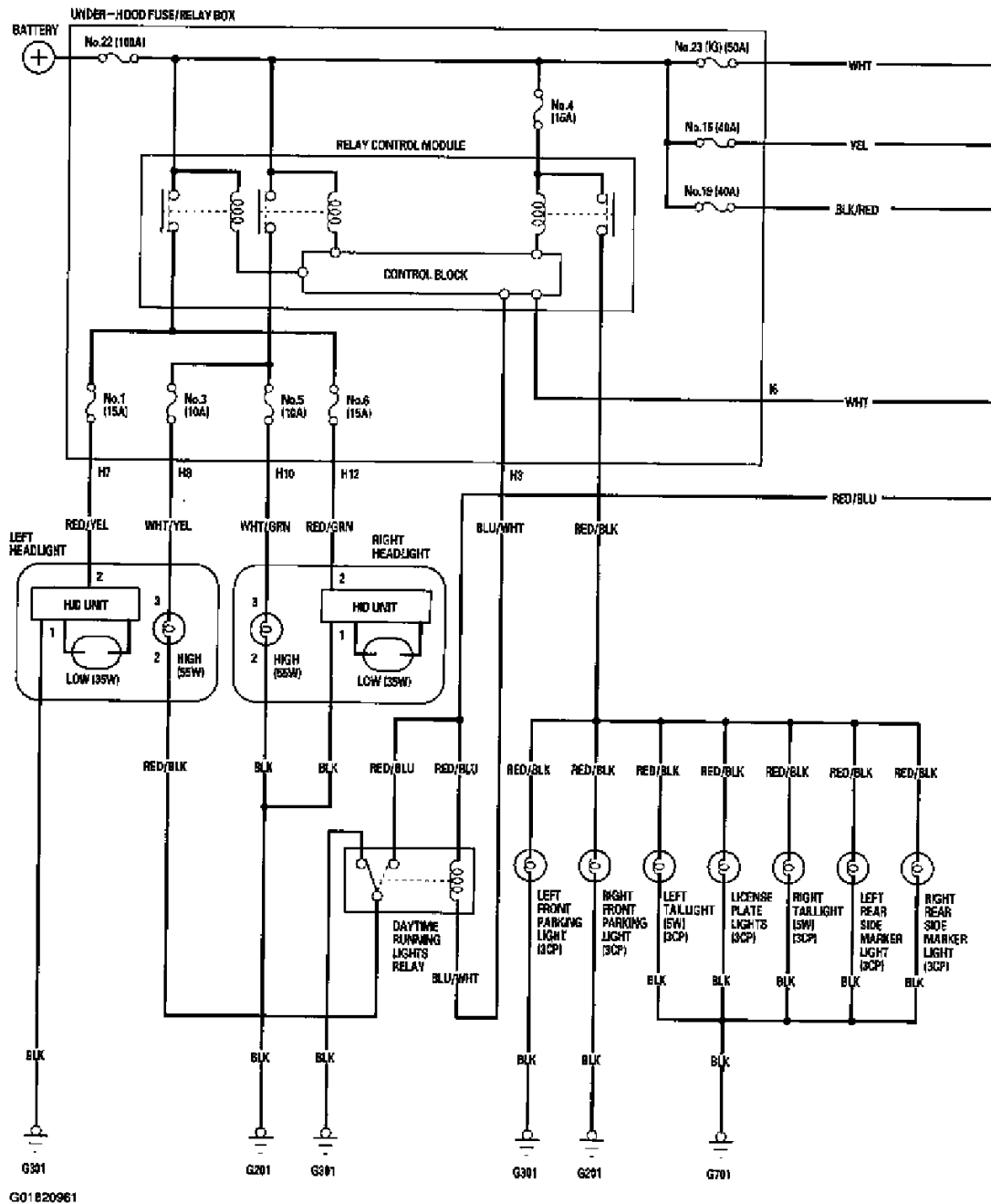
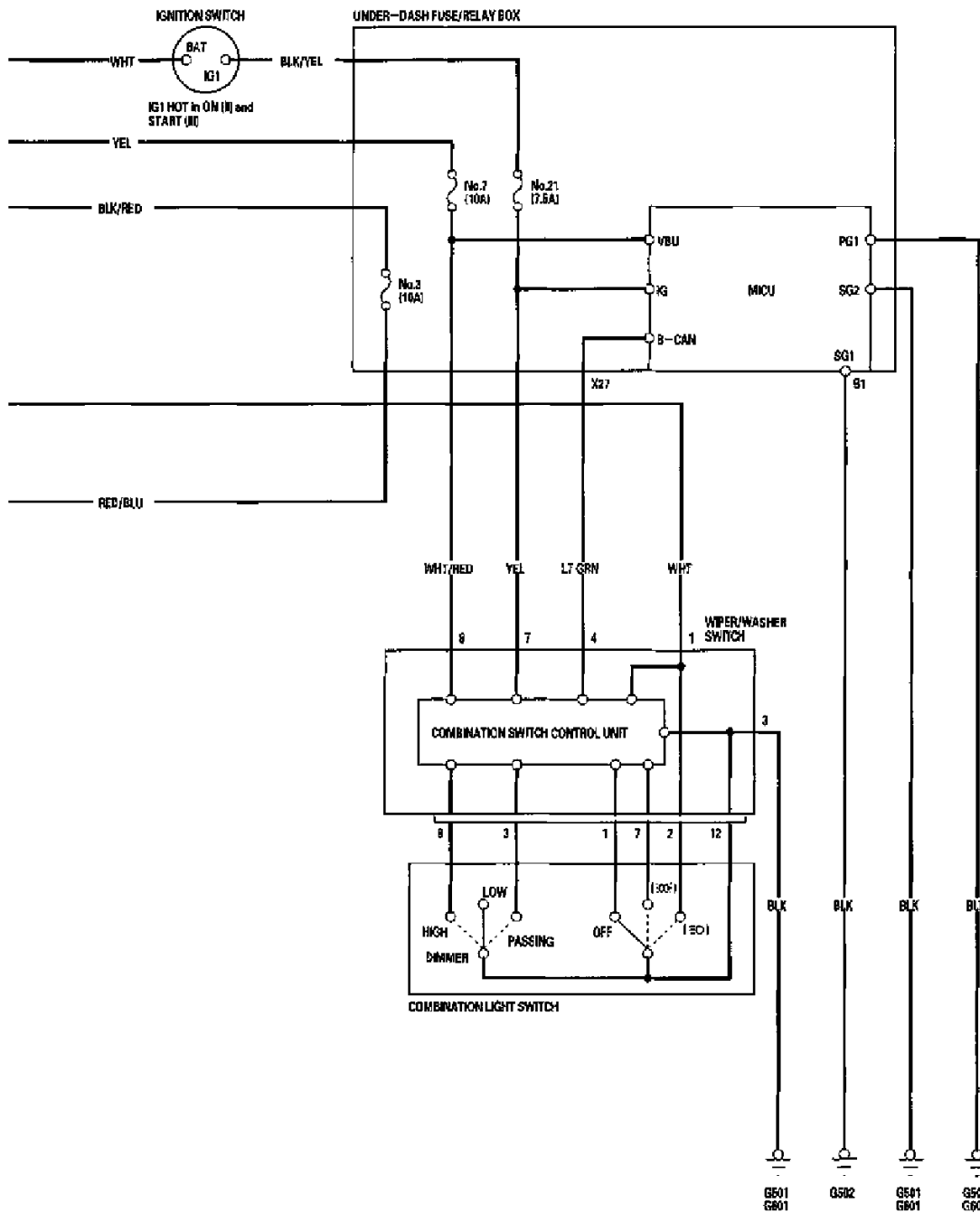


Fig. 7: Exterior Lights Wiring Diagram (1 Of 2 - Canada)



G01820862

Fig. 8: Exterior Lights Wiring Diagram (2 Of 2 - Canada)

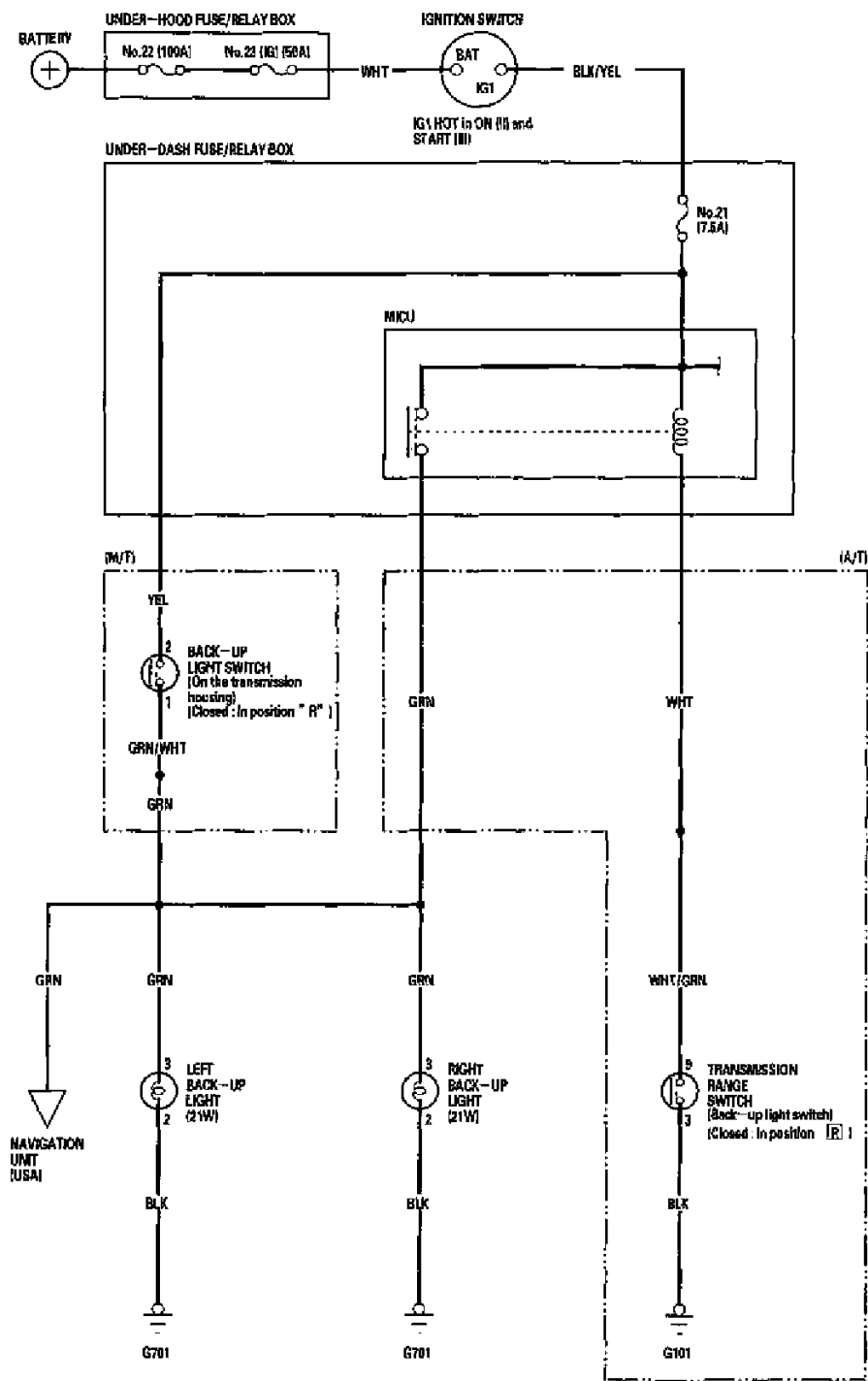


Fig. 9: Back-Up Lights Wiring Diagram

DTC TROUBLESHOOTING

DTC B1075: HEADLIGHT SIGNAL ERROR

1. Clear the DTCs using the HDS.
2. Turn the headlights switch from the OFF position to the ON position.
3. Check for DTCs using the HDS.

Is DTC B1075 indicated?

YES: Go to step 4.

NO: Intermittent failure, the headlight circuit is OK at this time. Check pin fits and connections.

4. With the headlight switch OFF, select LIGHTING SYSTEM from the HDS, and enter the DATA LIST.
5. Check the ON/OFF information of the Headlight Switch (BACK-UP) in the DATA LIST.

Is the information indicator OFF?

YES: Go to step 6.

NO: Go to step 10 .

6. Turn the headlight switch ON.
7. Check the ON/OFF information of the Headlight Switch (BACK-UP) in the DATA LIST.

Is the information indicator ON?

YES: Troubleshoot DTC B1278.

NO: Go to step 8.

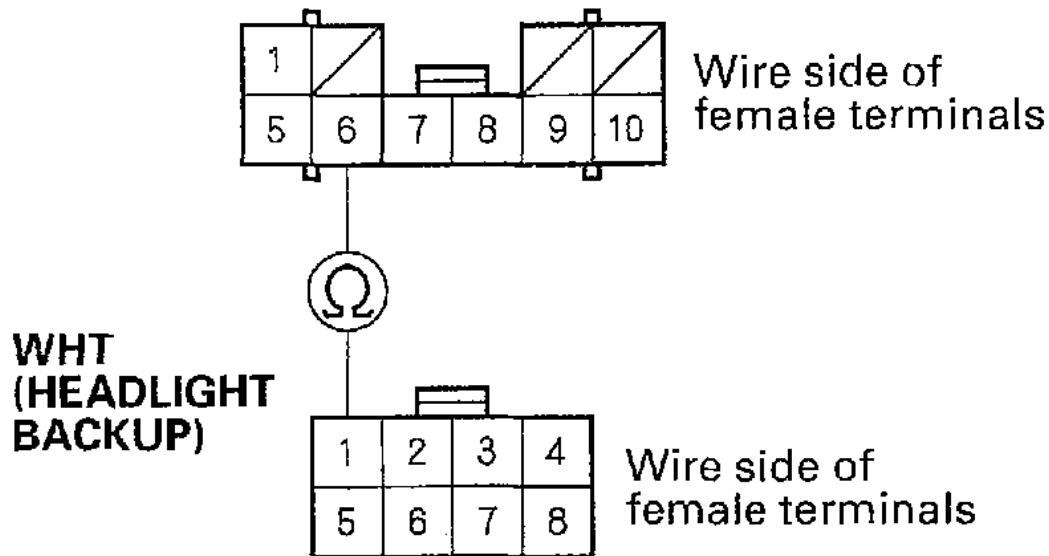
8. Disconnect the relay control module 10P connector and the wiper/washer switch 8P connector.
9. Check for continuity between the No. 6 terminal of the relay control module 10P connector and the No. 1 terminal of the wiper/washer switch (combination switch control unit) 8P connector.

Is there continuity?

YES: Faulty combination switch control unit; replace the wiper/washer switch.

NO: Repair an open in the WHT wire.

RELAY CONTROL MODULE 10P CONNECTOR (UNDER-HOOD FUSE/RELAY BOX)



WIPER/WASHER SWITCH 8P CONNECTOR

G01820964

Fig. 10: Checking For Continuity Between The Relay Control Module 10P Connector & The Wiper/Washer Switch 8P Connector

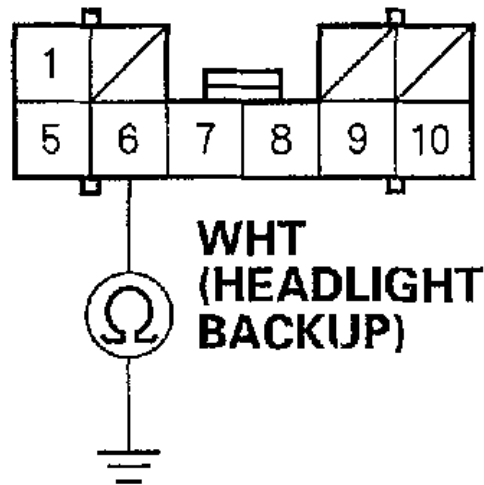
10. Disconnect the relay control module 10P connector.
11. Check for continuity between the No. 6 terminal of the relay control module 10P connector I and body ground.

Is there continuity?

YES: Repair a short in the WHT wire.

NO: Faulty combination switch control unit; replace the wiper/washer switch.

RELAY CONTROL MODULE 10P CONNECTOR (UNDER-HOOD FUSE/RELAY BOX)



Wire side of female terminals

G01820965

Fig. 11: Checking For Continuity Between The No. 6 Terminal Of The Relay Control Module 10P Connector I & Body Ground

DTC B1078: DAYTIME RUNNING LIGHTS SIGNAL ERROR

1. Clear the DTCs using the HDS.
2. Cycle the ignition switch to OFF and then back ON.
3. Operate the parking brake lever.
4. Check for DTCs using the HDS.

Is DTC B1078 indicated?

YES: Go to step 5.

NO: Intermittent failure, the daytime running lights system is OK at this time. Check pin fits and connections.

5. Turn the headlight switch ON, then push the combination light switch forward for high beams.

Do both headlights come on?

YES: Go to step 6.

NO: Go to step 9 .

6. Turn the headlight switch OFF.
7. Select LIGHTING SYSTEM from the HDS, and enter the DATA LIST.
8. Check the ON/OFF information of the DRL Relay Command (Canada) in the DATA LIST.

Is the information indicator ON?

YES: Replace the daytime running lights relay.

NO: Go to the relay control module input test (see **RELAY CONTROL MODULE INPUT TEST**).

9. Check the No. 3 (10A) or No. 5 (10A) fuses in the under-hood fuse/relay box.

Are both fuses OK?

YES: Go to step 10.

NO: Replace the blown fuse and recheck the system.

10. Check headlight bulbs.

Are both bulbs OK?

YES: Go to step 11.

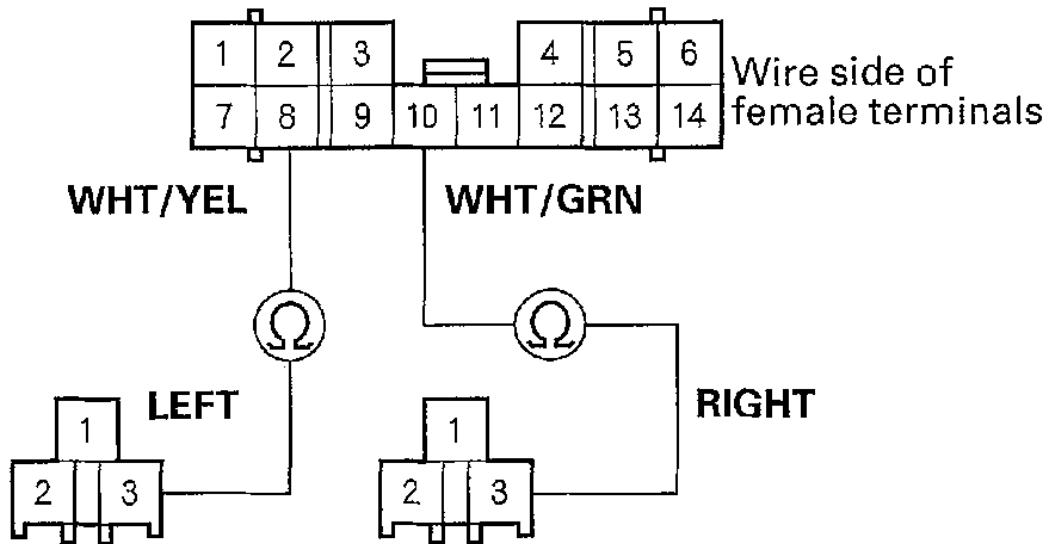
NO: Replace the blown bulb and recheck the system.

11. Check for continuity between the No. 3 terminal of the headlight (high beam) 3P connectors and the No. 8 (left headlight) or No. 10 (right headlight) terminals of the under-hood fuse/relay box 14P connector H.

Is there continuity?

YES: Go to step 12.

NO: Repair an open in the WHT/YEL (left headlight) or WHT/GRN (right headlight) wire.

UNDER-HOOD FUSE/RELAY BOX 14P CONNECTOR H**HEADLIGHT 3P CONNECTORS
(HIGH BEAM)**

Wire side of female terminals

G01820966

Fig. 12: Checking For Continuity Between The Headlight Connectors & The Under-Hood Fuse/Relay Box 14P Connector H

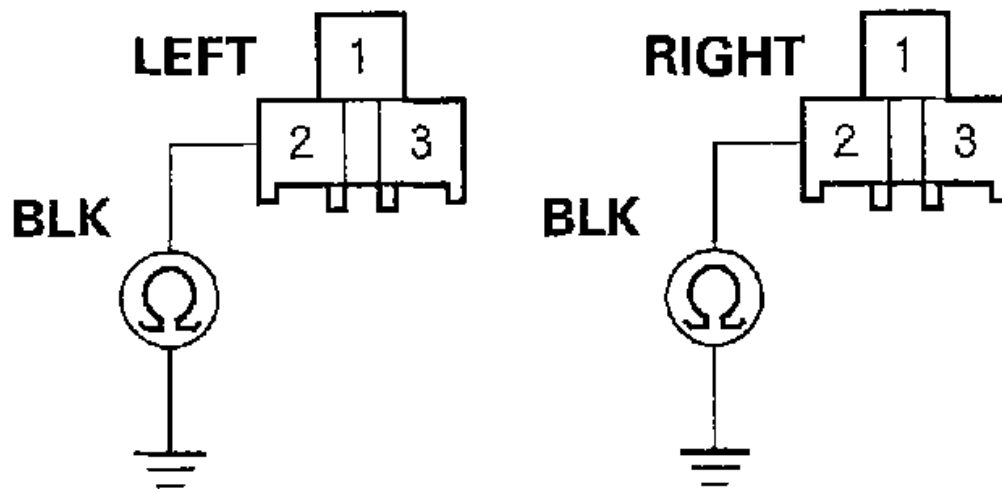
12. Check for continuity between the No. 2 terminal of the headlight (high beam) 3P connectors and body ground.

Is there continuity?

YES: Faulty relay control module; replace the under-hood fuse/relay box.

NO: Check the daytime running lights relay (left headlight). If OK, repair an open in the BLK wire or poor ground (G201, G301).

HEADLIGHT 3P CONNECTORS (HIGH BEAM)



Wire side of female terminals

G01820967

Fig. 13: Checking For Continuity Between The No. 2 Terminal Of The Headlight (High Beam) 3P Connectors & Body Ground

DTC B1275: HEADLIGHT SWITCH OFF POSITION CIRCUIT MALFUNCTION; DTC B1276: HEADLIGHT SWITCH PARKING (SMALL) POSITION CIRCUIT MALFUNCTION; DTC B1277: HEADLIGHT SWITCH AUTO POSITION CIRCUIT MALFUNCTION; DTC B1278: HEADLIGHT SWITCH ON POSITION CIRCUIT MALFUNCTION

1. Clear the DTCs using the HDS.
2. Cycle the ignition switch to OFF and then back ON.
3. Check for DTCs using the HDS.

Is DTC B1275, B1276, B1277 or B1278 indicated?

YES: Go to step 4.

NO: Intermittent failure, the headlight system is OK at this time. Check pin fits and

connections.

4. Reset the DTCs using the HDS.
5. Turn the ignition switch ON (II) and wait for 2 seconds.
6. Turn the parking (small) light switch ON and wait for 2 seconds.
7. Turn the headlight light switch (LOW) ON and wait for 2 seconds.
8. Change the dimmer switch position from low beam to high beam and wait for 2 seconds.
9. Check the DTCs using the HDS.

Is DTC B1275, B1276, B1277 or B1278 indicated?

YES: Go to step 10.

NO: Intermittent failure, the combination switch and the control unit are OK at this time. Check pin fits and connections.

10. Disconnect the combination light switch 12P connector from the wiper/washer switch.
11. Perform the combination light switch test (see **COMBINATION LIGHT SWITCH TEST/REPLACEMENT**).

Is the combination light switch check OK?

YES: Faulty combination switch control unit, replace the wiper/washer switch.

NO: Replace the combination light switch.

DTC B1279: HEADLIGHT SWITCH DIMMER POSITION CIRCUIT MALFUNCTION

1. Clear the DTCs using the HDS.
2. Cycle the ignition switch to OFF and then back ON.
3. Check for DTCs using the HDS.

Is DTC B1279 indicated?

YES: Go to step 4.

NO: Intermittent failure. The turn signal switch circuit is OK at this time. Check pin fits and connections.

4. Reset the DTCs by CLEAR MENU (DTC CLEAR) of the HDS.
5. Turn the ignition switch ON (II), then turn the headlight switch ON.
6. Change the combination light switch from low beam to high beam and wait for 2 seconds.
7. Pull and hold the combination light switch lever and keep the passing switch position for more than 2 seconds.
8. Check for DTCs by selecting the DTCs MENU (DTCs) from the HDS.

Is DTC B1279 indicated?

YES: Go to step 9.

NO: Intermittent failure, the combination switch and the combination switch control unit are OK at this time. Check pin fits and connections.

9. Disconnect the combination light switch 12P connector from the wiper/washer switch.
10. Perform the combination light switch test (see **COMBINATION LIGHT SWITCH TEST/REPLACEMENT**).

Is the combination light switch OK?

YES: Faulty combination switch control unit, replace the wiper/washer switch.

NO: Replace the combination light switch.

DTC B1280: TURN SIGNAL SWITCH CIRCUIT MALFUNCTION

1. Clear the DTCs using the HDS.
2. Cycle the ignition switch to OFF and then back ON.
3. Check for DTCs using the HDS.

Is DTC B1280 indicated?

YES: Go to step 4.

NO: Intermittent failure. The turn signal switch circuit is OK at this time. Check pin fits and connections.

4. Reset the DTCs by CLEAR MENU (DTC CLEAR) of the HDS.
5. Turn the ignition switch ON (II).
6. Turn the turn signal switch to the left position and wait for 2 seconds.
7. Turn the turn signal switch to the right position and wait for 2 seconds.
8. Check for DTCs using the HDS.

Is DTC B1280 indicated?

YES: Go to step 9.

NO: Intermittent failure, the turn signal light switch and the combination switch control unit are OK at this time. Check pin fits and connections.

9. Disconnect the combination light switch 12P connector from the wiper/washer switch.
10. Check for short in the turn signal light switch terminals in each switch position (see **COMBINATION LIGHT SWITCH TEST/REPLACEMENT**).

Is there a short?

YES: Faulty, turn signal light switch, replace the combination light switch.

NO: Faulty combination switch control unit, replace the wiper/washer switch.

HID LAMP SYSTEM TROUBLESHOOTING

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.

1. Check the No. 1 (15A) and No. 6 (15A) fuses in the under-hood fuse/relay box.

Are the fuses OK?

YES: Go to step 2.

NO: Replace the fuse(s), and recheck.

2. Substitute a known-good HID bulb and recheck.

Does the headlight low beam come on?

YES: Replace the original HID bulb.

NO: Go to step 3.

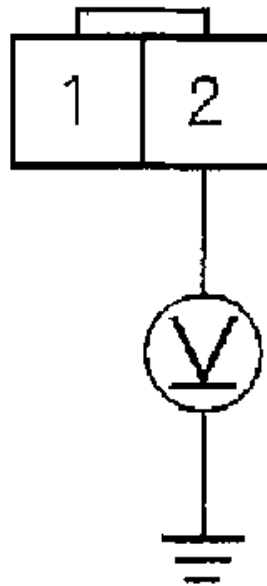
3. Disconnect the 2P connector from the inverter unit.
4. Turn the combination light switch ON.
5. Measure voltage between the No. 2 terminal of the inverter unit 2P connector and body ground.

Is there battery voltage?

YES: Go to step 6.

NO: Repair open in the wire between the under-hood fuse/relay box and the inverter unit.

INVERTER UNIT 2P CONNECTOR



Wire side of female terminals

G01820968

Fig. 14: Measuring Voltage Between The No. 2 Terminal Of The Inverter Unit 2P Connector & Body Ground

6. Turn the combination light switch OFF.
7. Check for continuity between the No. 1 terminal of the inverter unit 2P connector and body ground.

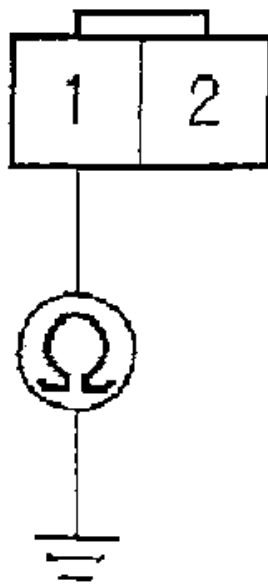
Is there continuity?

YES: Substitute a known-good inverter, and recheck. If the symptom/indication goes away, replace the original inverter unit.

NO: Repair open in the wire between the inverter unit and body ground. If the wire is OK,

check for poor ground at G201 or G301.

INVERTER UNIT 2P CONNECTOR



Wire side of female terminals

G01820969

Fig. 15: Checking For Continuity Between The No. 1 Terminal Of The Inverter Unit 2P Connector & Body Ground

HID BULB REPLACEMENT

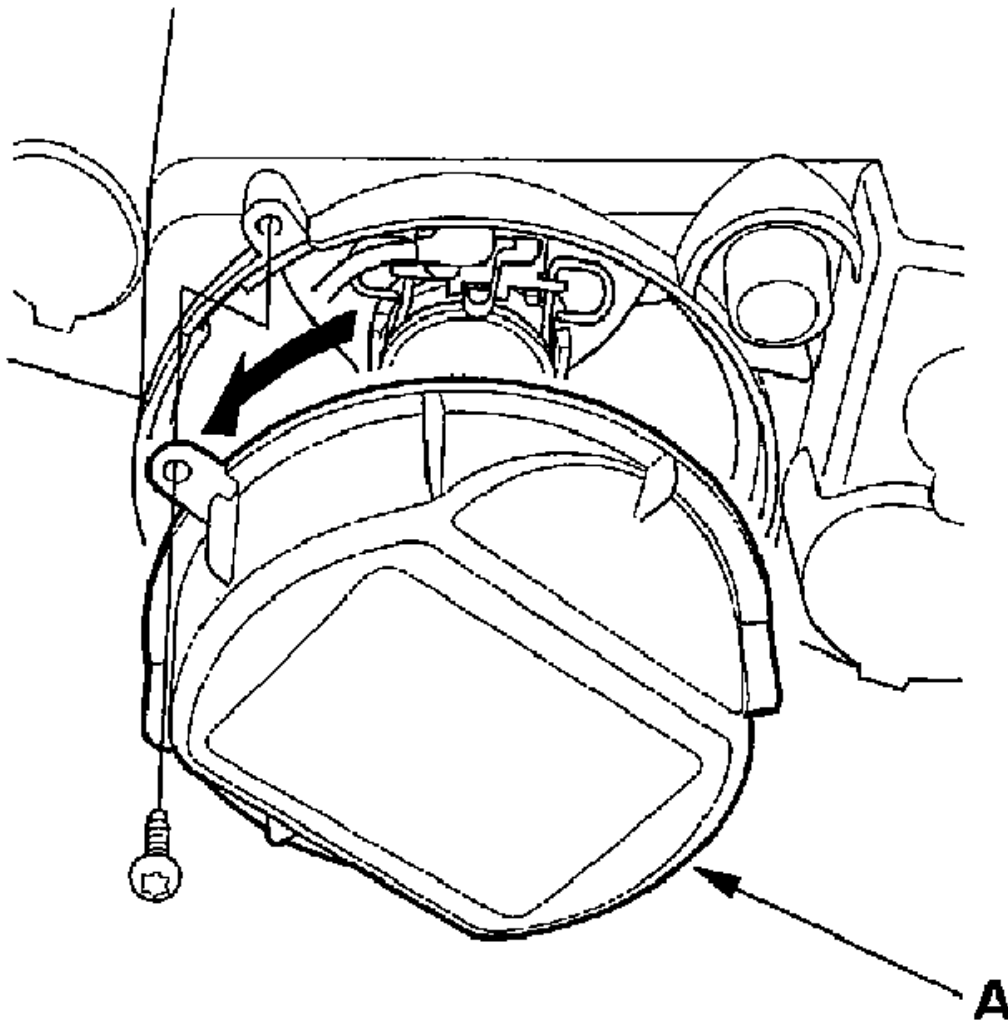
WARNING: A transient high tension (25,000 V) occurs at the bulb sockets of the high intensity discharge (HID) lamps when the combination light switch is

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 headlights 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 and fats.
- Do not disassemble the inverter unit and the ignitor unit.
- Do not turn on the HID bulb by using a power source other than the battery mounted on your vehicle.

1. Make sure you have the anti-theft code for the radio and the navigation system, then write down the frequencies for the radio's preset buttons.
2. Turn the combination light switch OFF.
3. Disconnect the battery negative cable, then disconnect the positive cable.
4. Remove the battery.
5. Remove the Torx bolt using a tamper-proof Torx T20 bit.

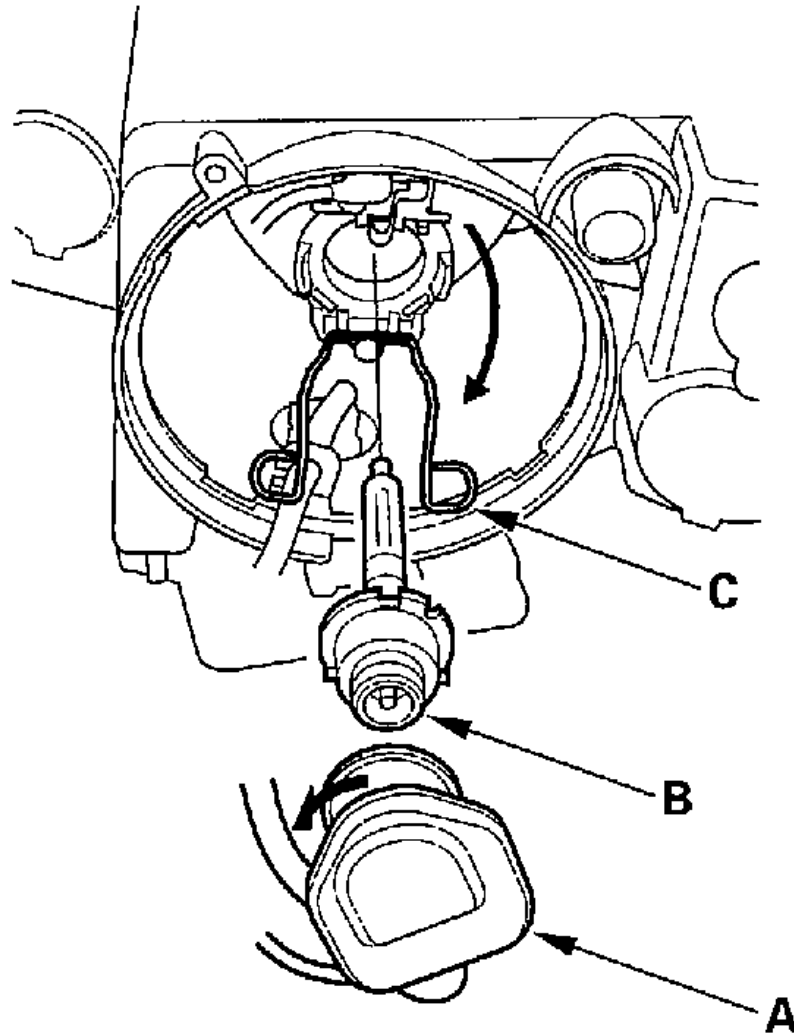


G01820970

Fig. 16: Removing The Cover From The Headlight Assembly

6. Turn the cover (A) 45° counterclockwise to remove it from the headlight assembly.
7. Turn the socket (A) 45° counterclockwise to remove it from the bulb (B).
8. Pull the retaining spring (C) away from the bulb then remove the bulb.

Headlight (low beam): 35 W



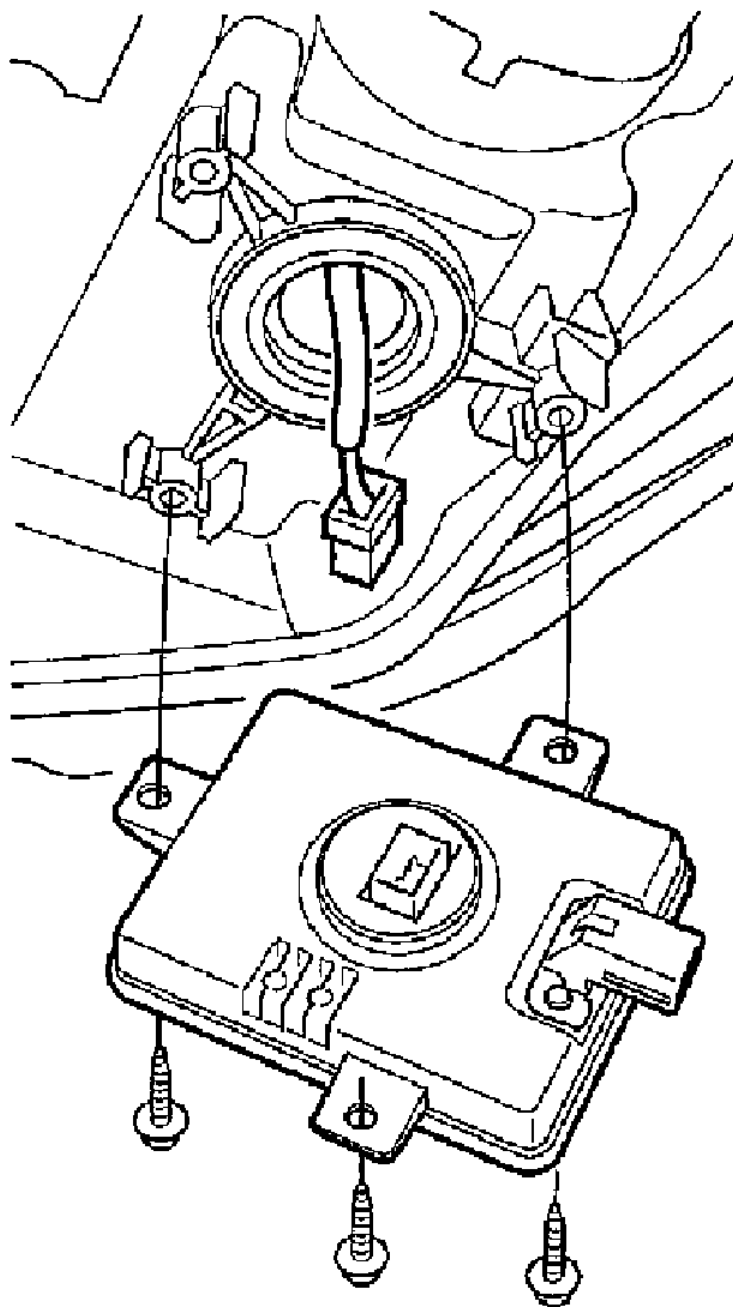
G01820971

Fig. 17: Removing The Bulb

9. Install the new bulb in the reverse order of removal, Make sure the notches in the bulb align with the tabs in the headlight.
10. After reconnecting the battery, enter the anti-theft code for the radio and the navigation system, then enter the customer's radio station presets.

HID UNIT REPLACEMENT

1. Make sure you have the anti-theft code for the radio and the navigation system, then write down the frequencies for the radio's preset buttons.
2. Turn the combination light switch OFF.
3. Disconnect the battery negative cable, then disconnect the positive cable.
4. Remove the headlight assembly (see **HEADLIGHT REPLACEMENT**).
5. Remove the bulb socket from the HID bulb (see **HID BULB REPLACEMENT**).
6. Remove the three mounting screws and the HID unit.



G01820972

Fig. 18: Removing The Three Mounting Screws & The HID Unit

7. Install in the reverse order of removal.
8. Enter the anti-theft code for the radio and the navigation system, then enter the customer's radio station

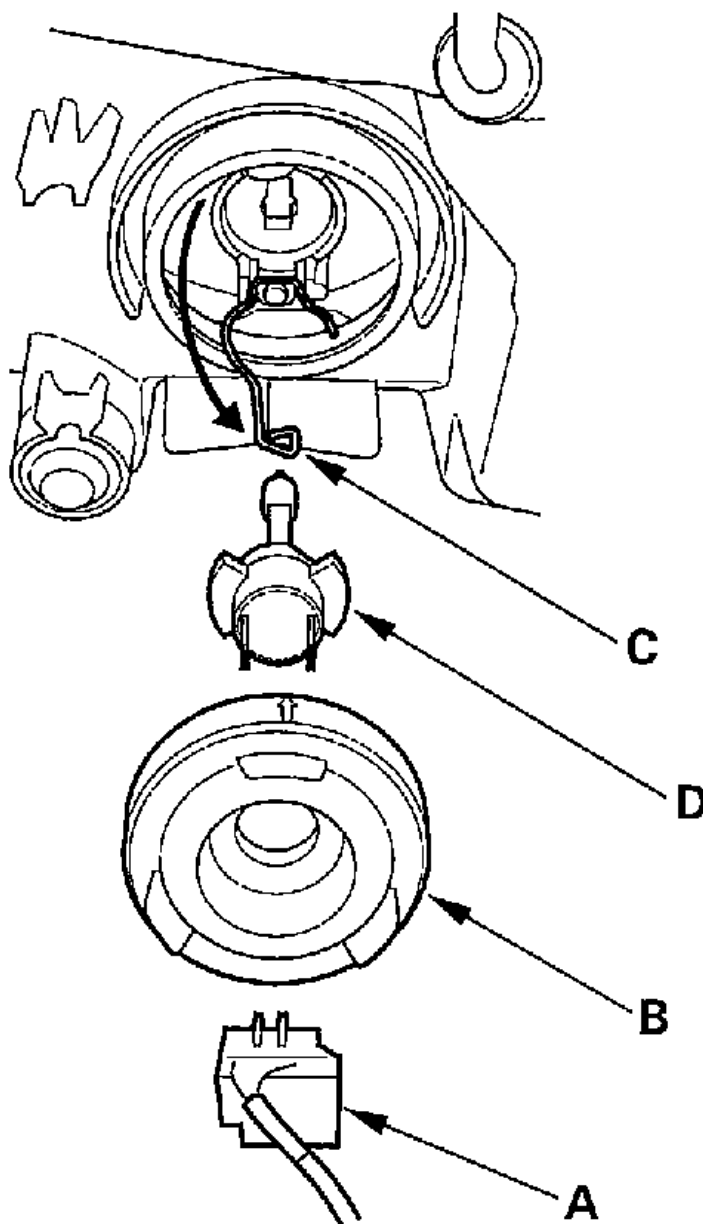
presets.

BULB REPLACEMENT

HEADLIGHT (HIGH BEAM)

1. Disconnect the 3P connector (A) from the headlight.

Headlight (high beam): 55 W



G01820973

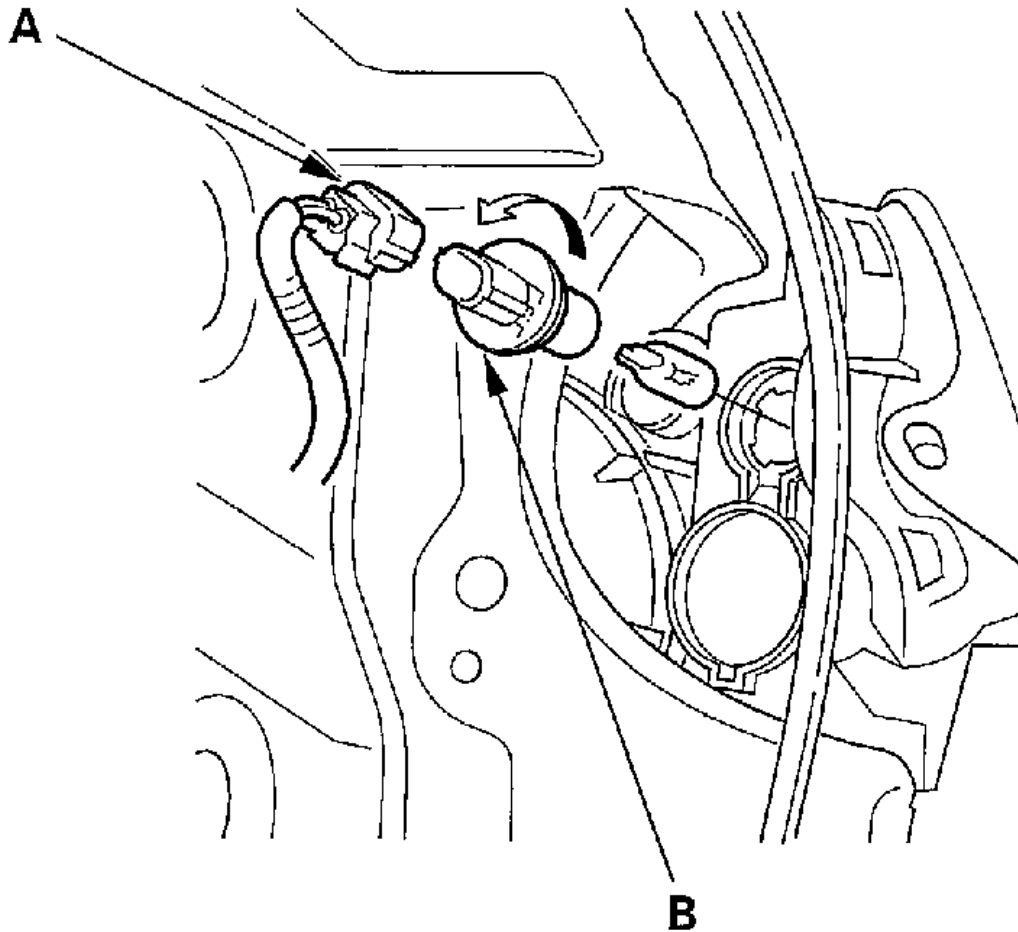
Fig. 19: Removing The High Beam Headlight Bulb

2. Remove the rubber cover (B).
3. Pull the retaining spring (C) away from the bulb (D), then remove the bulb.
4. Install a new bulb in the reverse order of removal. Make sure the notches in the bulb align with the tabs in the headlight.

FRONT PARKING LIGHT, FRONT TURN SIGNAL LIGHT

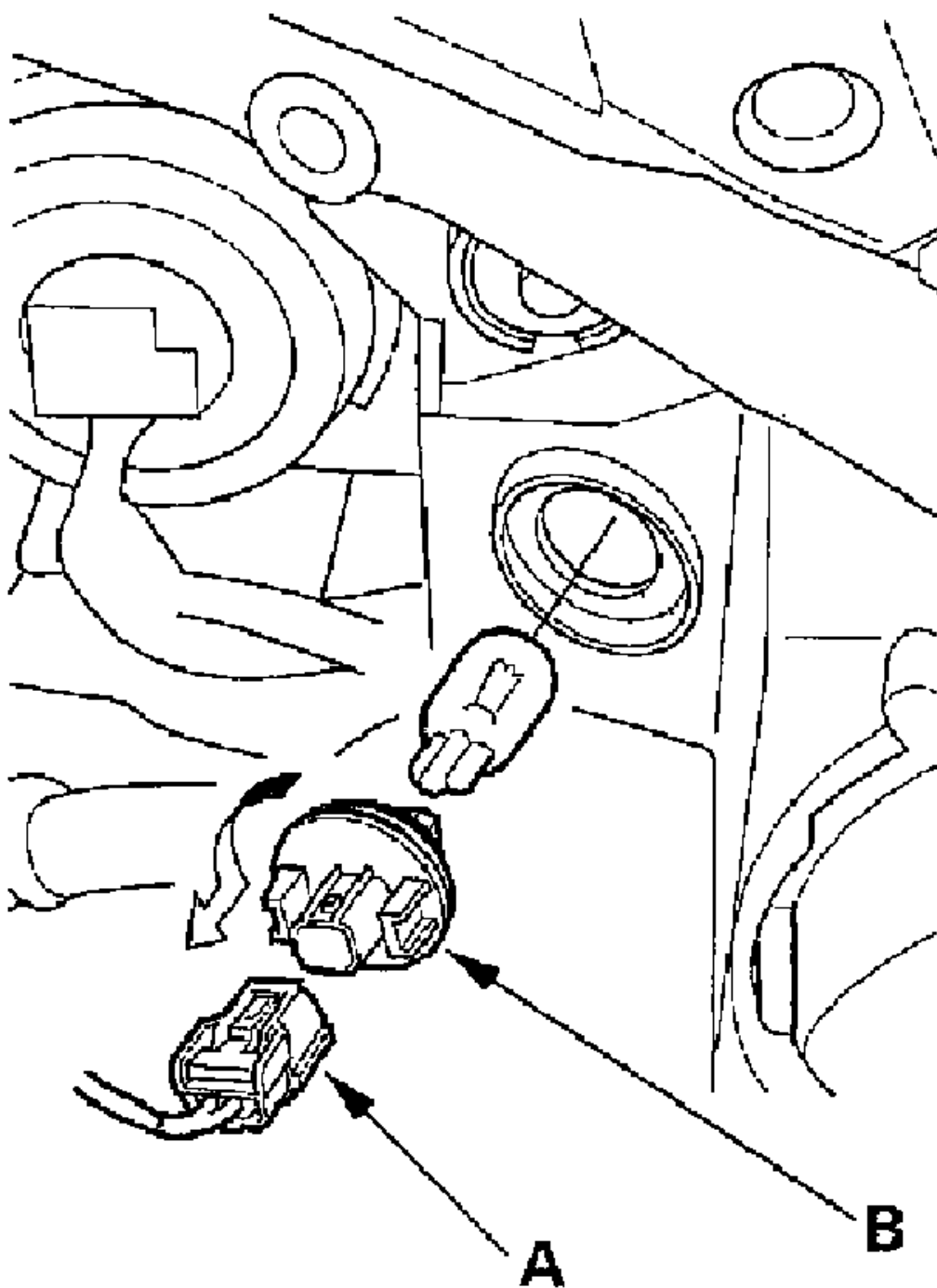
1. Disconnect the 2P connector (A) from the light.

Front Parking Light: 3CP
Front Turn Signal Light: 21 W



G01820974

Fig. 20: Removing Light Bulb



G01820975

Fig. 21: Removing Light Bulb

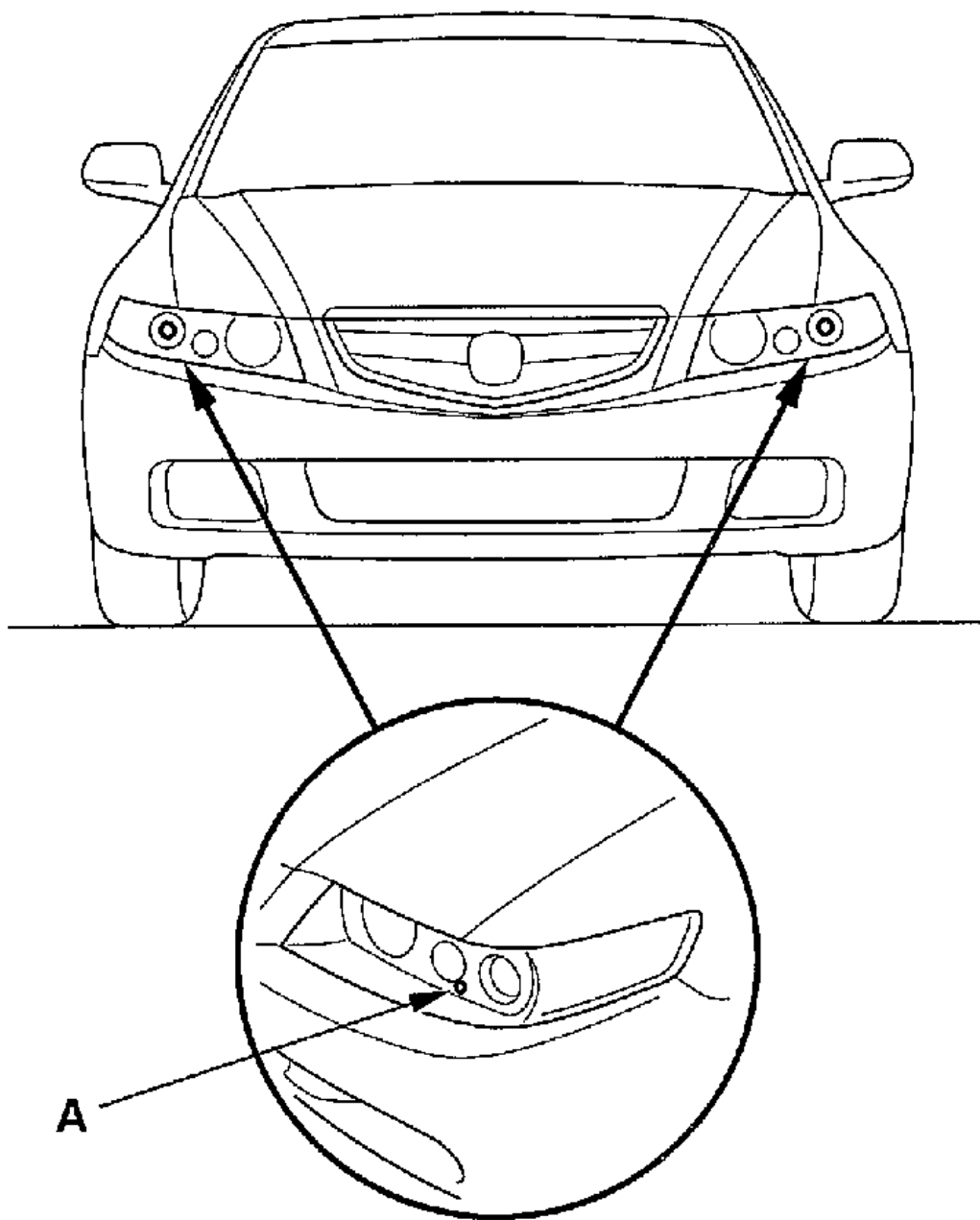
2. Turn the bulb socket (B) 45° counterclockwise to remove it from the headlight housing.
3. Install a new bulb in the reverse order of removal.

HEADLIGHT ADJUSTMENT

CAUTION: Headlights become very hot during use; do not touch them or any attaching hardware immediately after they have been turned off.

Before adjusting the headlights:

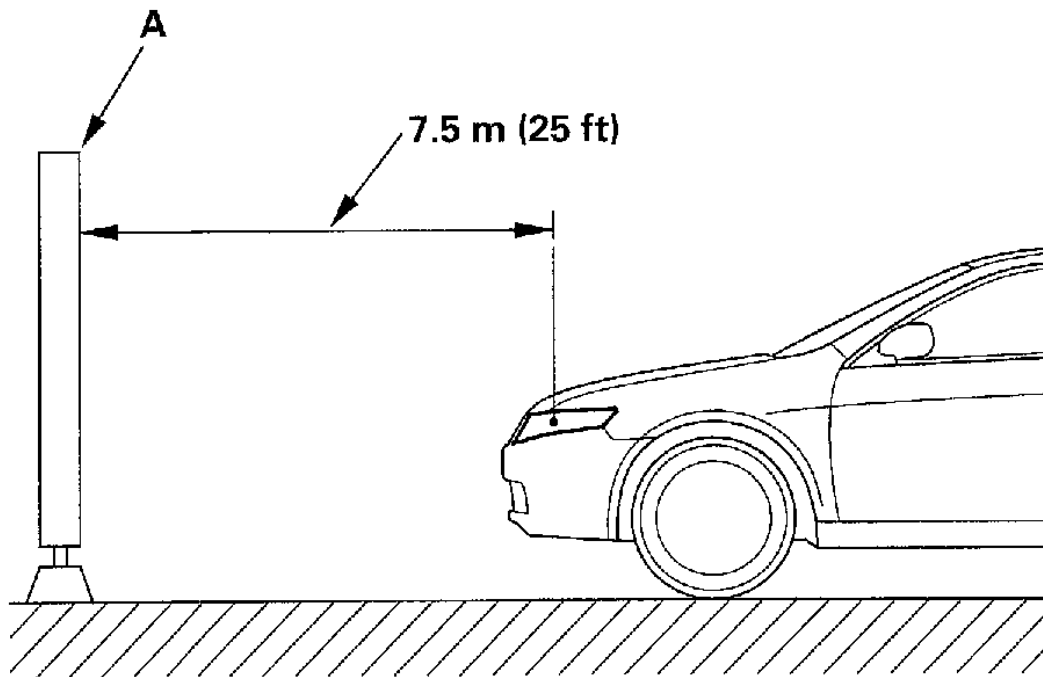
- Park the vehicle on a level surface.
 - Make sure the tire pressures are correct.
 - Have the driver or someone who weights the same sit in the driver's seat.
1. Clean the outer lens so that you can see the center of the headlights.



G01820976

Fig. 22: Cleaning The Outer Lens

2. Park the vehicle 25 ft. (7.5 m) away from a wall or a screen (A).



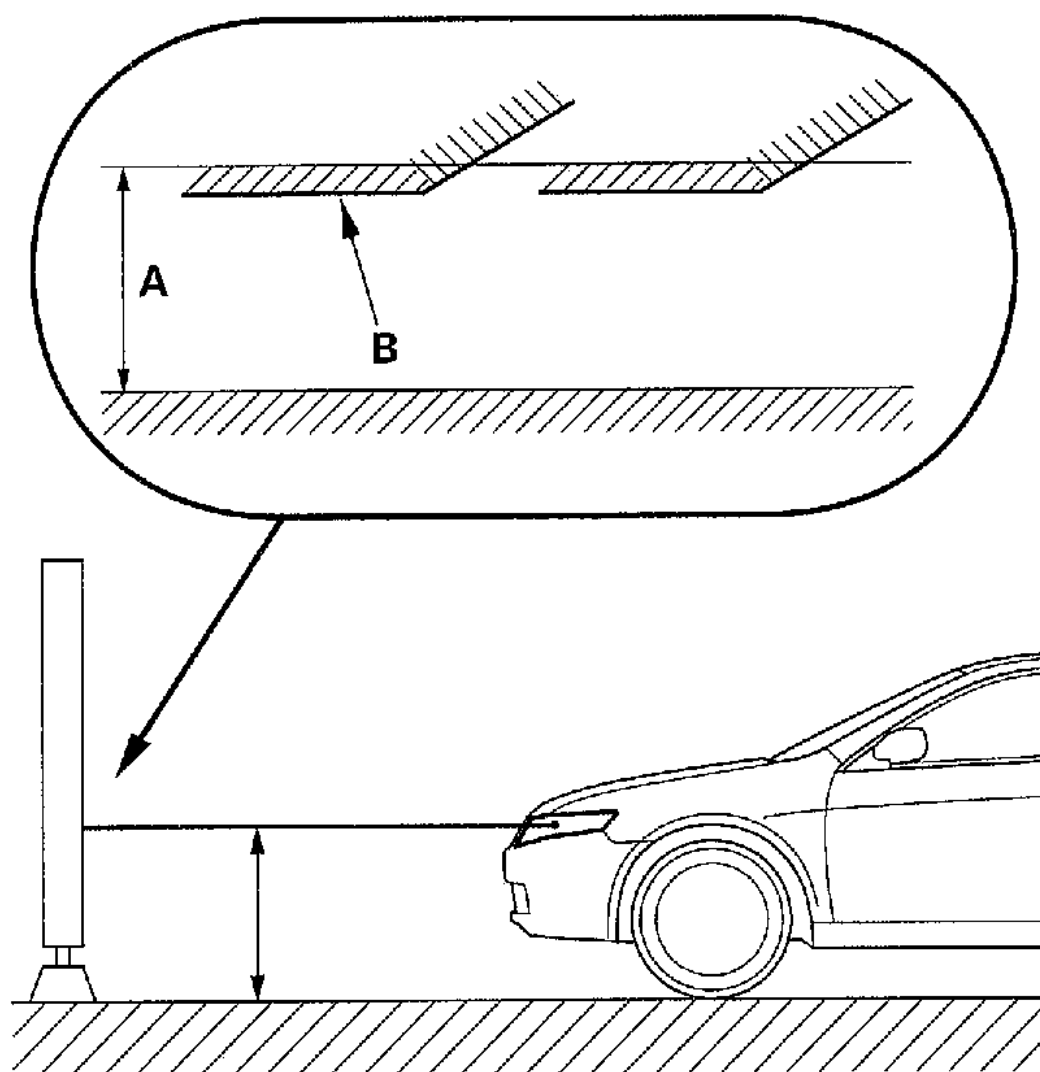
G01820977

Fig. 23: Parking The Vehicle 25 Ft. (7.5 m) Away From A Wall Or A Screen

3. Turn the low beams on.
4. Determine if the headlights are aimed properly.

Vertical Adjustment:

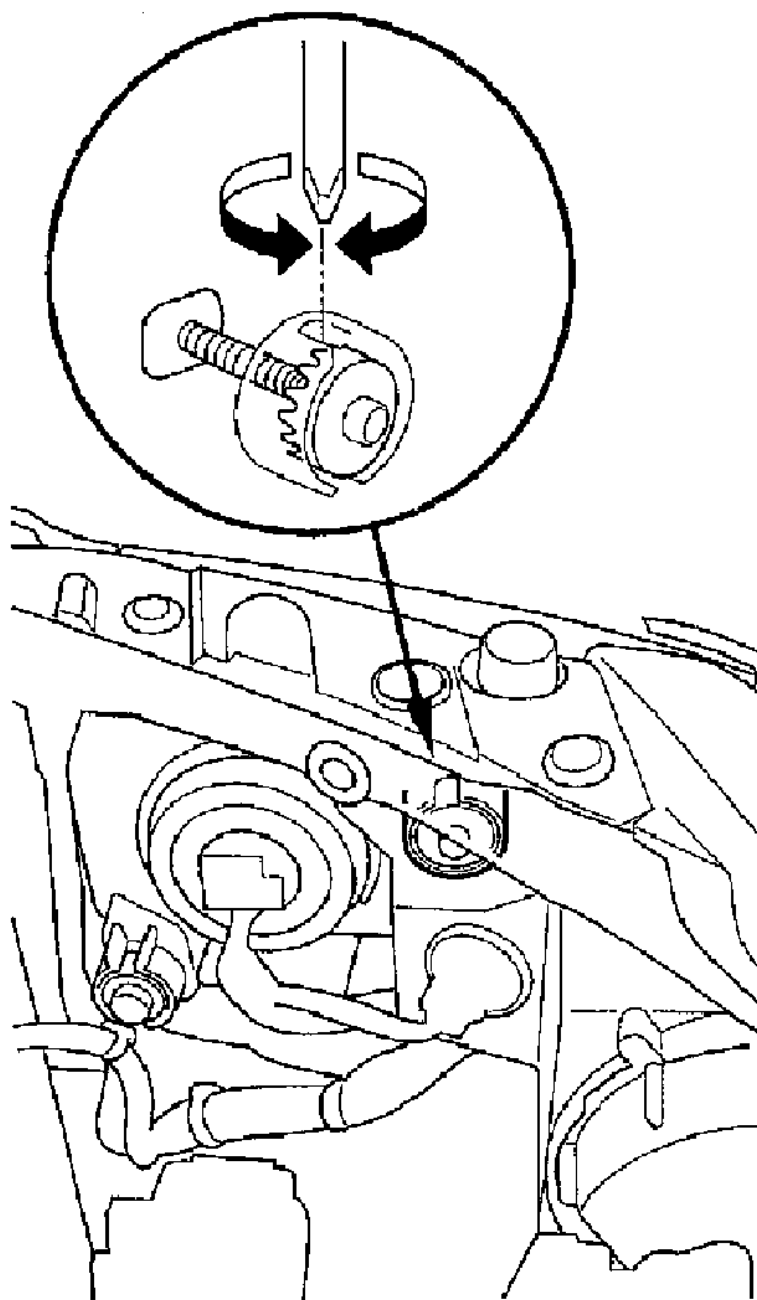
Measure the height of the headlights (A). The lights should reflect 52 mm (2.1 in.) below headlight height (B).



G01820978

Fig. 24: Measuring The Height Of The Headlights

5. If necessary, open the hood and adjust the headlights to local requirements by turning the vertical adjuster.

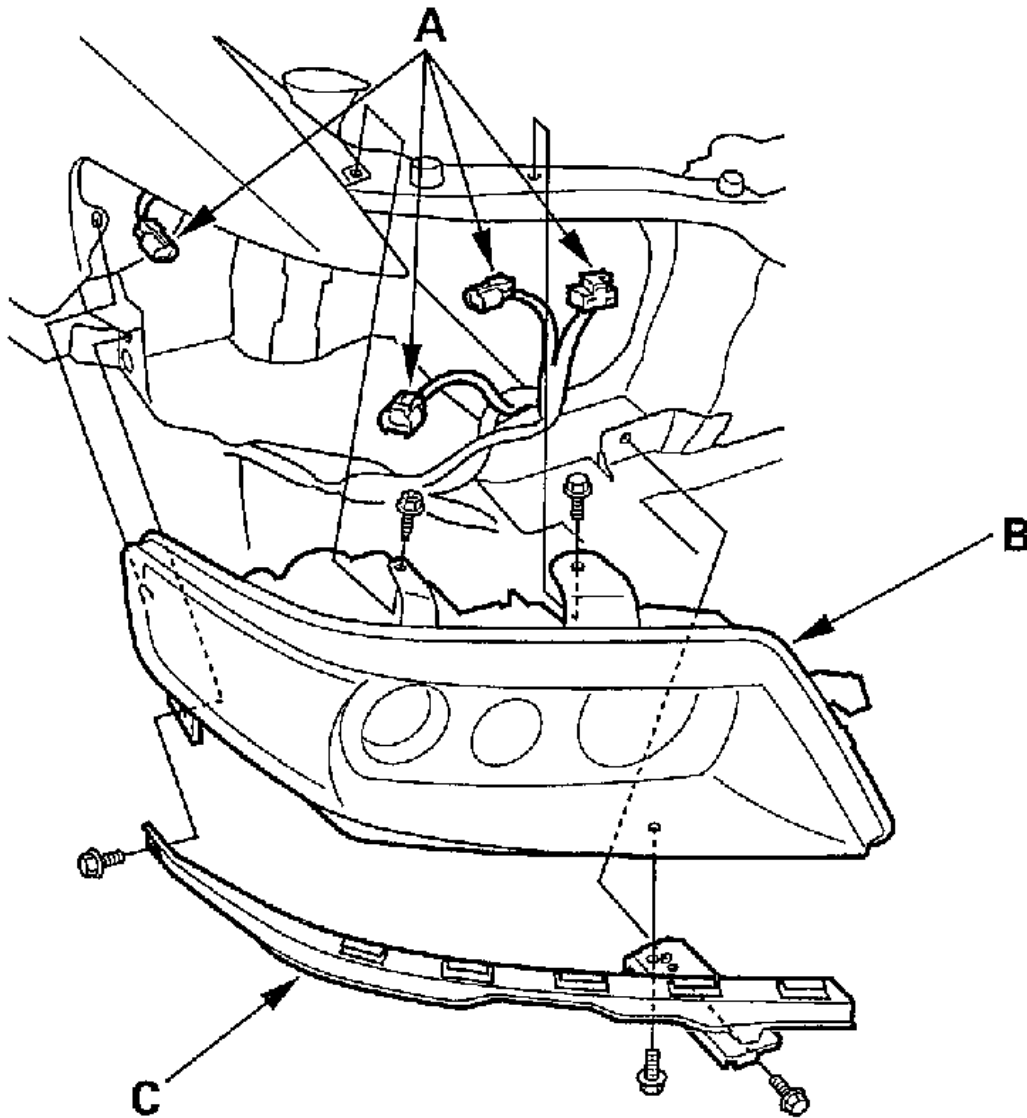


G01820979

Fig. 25: Turning The Vertical Adjuster

HEADLIGHT REPLACEMENT

1. Remove the front bumper (see **FRONT BUMPER REMOVAL/INSTALLATION**).
2. Remove the connectors (A) from the headlight assembly (B).



G01820980

Fig. 26: Removing The Headlight Assembly

3. Remove the four mounting bolts and the harness clip, then remove the headlight.
4. Remove the bolt and the corner upper beam (C) from the headlight.
5. Install the headlight in the reverse order of removal.

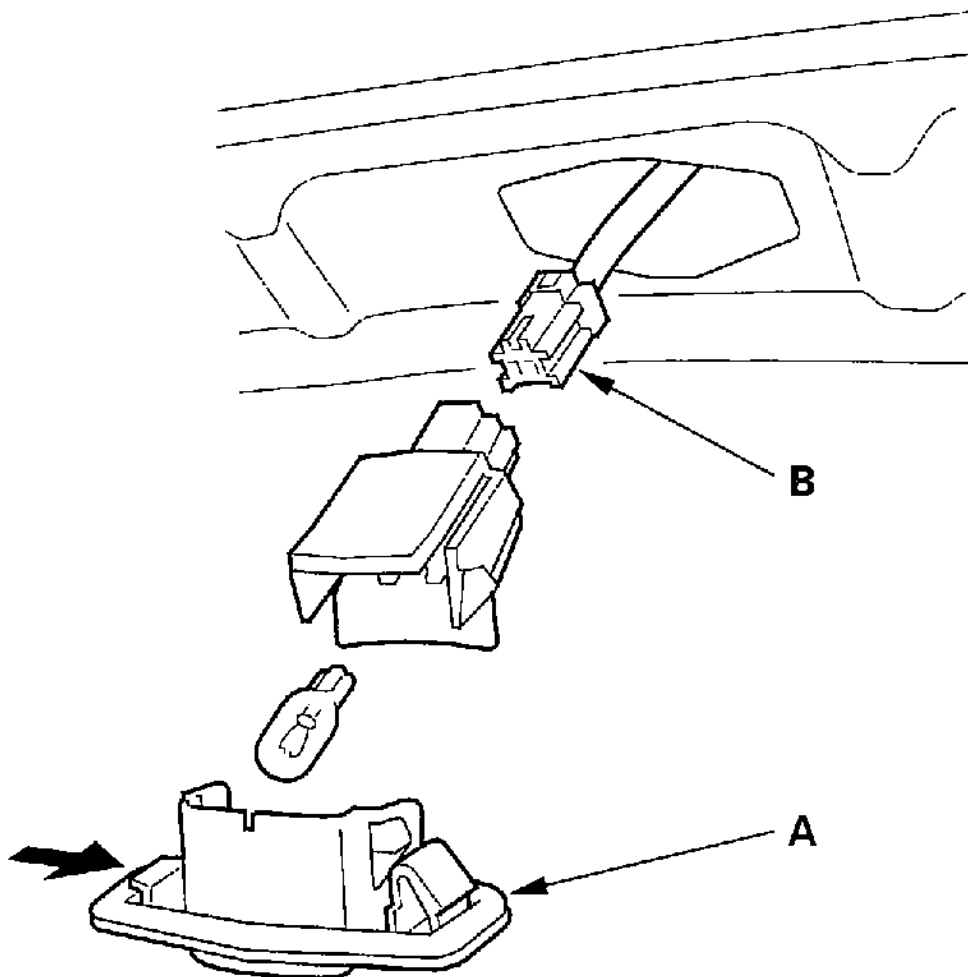
6. After replacement, adjust the headlights to local requirement.

LICENSE PLATE LIGHT REPLACEMENT

NOTE: Be careful not to damage the bumper.

1. Open the trunk lid.
2. Push the retaining spring (A), then remove the light.

License Plate Light: 3CP



G01820981

Fig. 27: Removing The License Plate Light

3. Disconnect the 2P connector (B) from the light.

TAILLIGHT REPLACEMENT**TAILLIGHT**

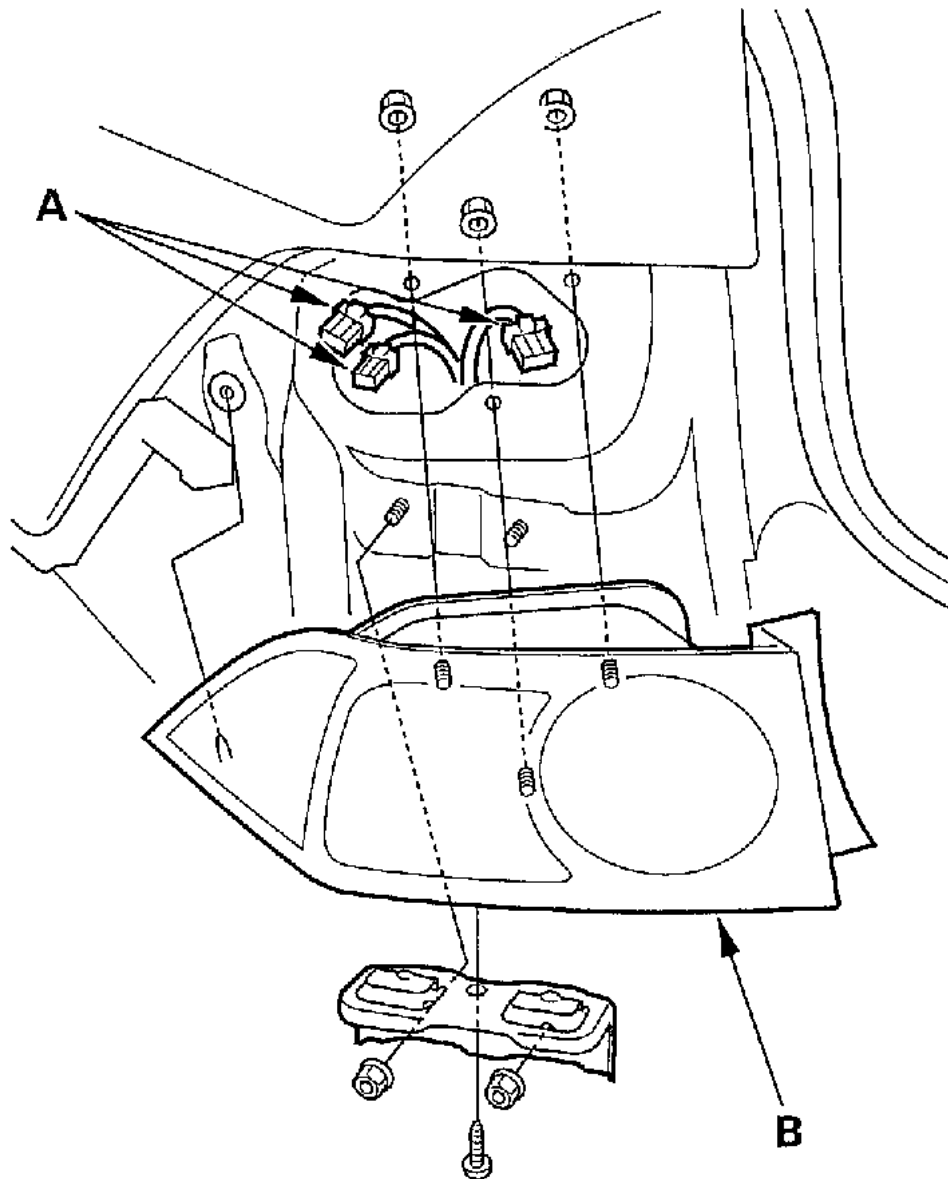
1. Remove the rear bumper (see **REAR BUMPER REMOVAL/INSTALLATION**).
2. Open the trunk lid and remove the trunk side trim panel (see **TRIM REMOVAL/INSTALLATION - TRUNK AREA**).
3. Disconnect the connectors (A) from the taillight (B).

Brake/Taillight: 21/5 W

Turn Signal Light: 21 W

Side Marker Light: 3CP

Brake/Taillight: 21/5 W
Turn Signal Light: 21 W
Side Marker Light: 3CP



G01820982

Fig. 28: Removing Taillight

4. Remove the mounting nuts and screws, then remove the taillight.
5. Turn the bulb socket 45° counterclockwise to remove the bulb.
6. Inspect the gasket; replace it if it is distorted or stays compressed.
7. Install the taillight and tighten the nuts to 5 N.m (0.5 kgf.m, 4 lbf.ft).
8. After installing the taillight, run water over it to make sure it does not leak.

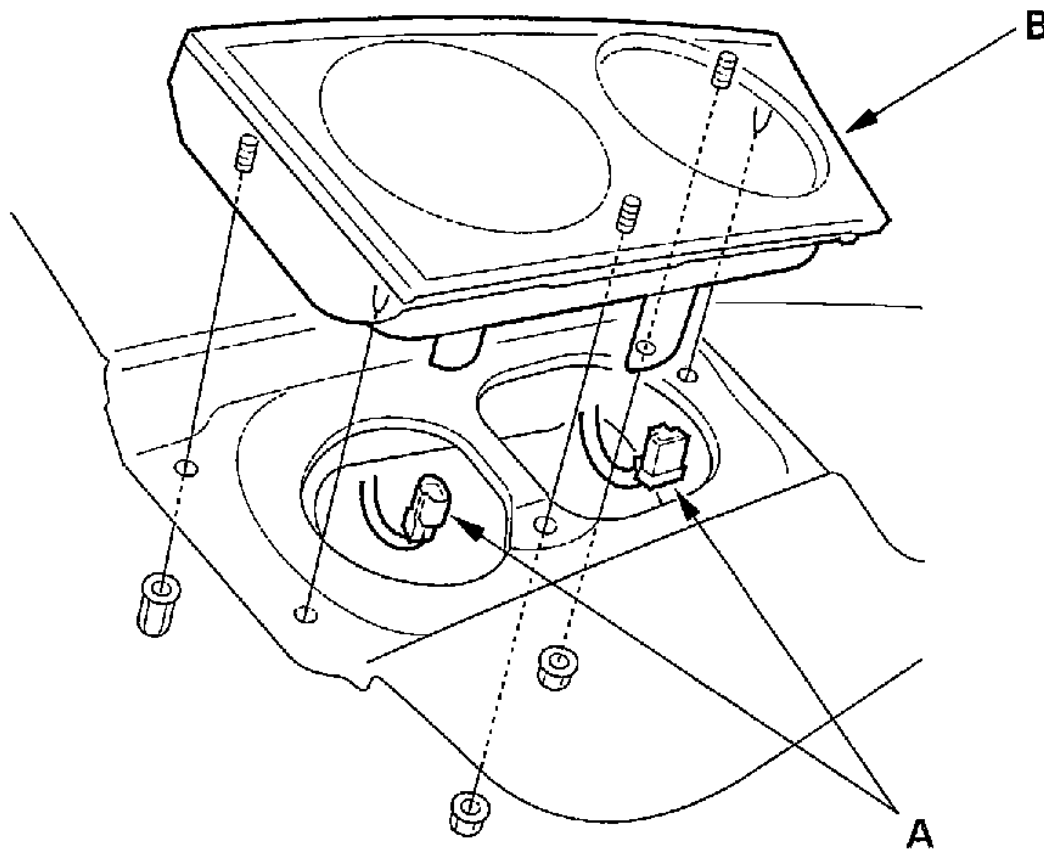
INNER TAILLIGHT

1. Open the trunk lid and disconnect the connectors (A) from the trunk lid.

Taillight: 3CP

Back-up Light: 21 W

Taillight: 3CP
Back-up Light: 21 W



G01820983

Fig. 29: Removing Inner Taillight

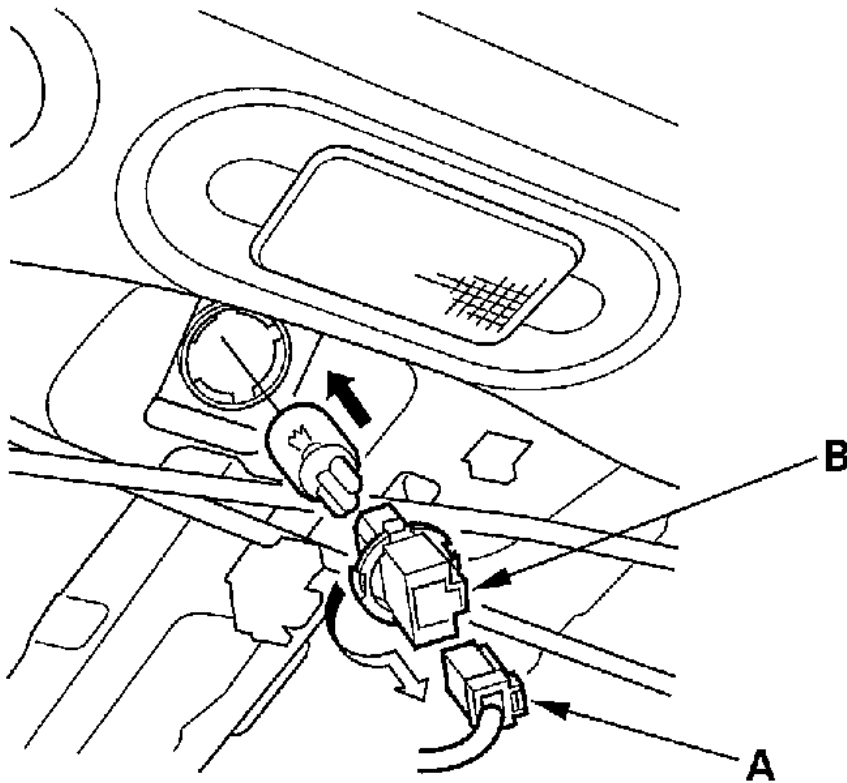
2. Remove the three nuts and the inner taillight (B).
3. Turn the bulb socket 45° counterclockwise to remove the bulb.
4. Inspect the gasket; replace it if it is distorted or stays compressed.
5. Install the taillight and tighten the nuts to 5 N.m (0.5 kgf.m, 4 lbf.ft).
6. After installing the taillight, run water over it to make sure it does not leak.

HIGH MOUNT BRAKE LIGHT REPLACEMENT

BULB REPLACEMENT

1. Open the trunk lid and disconnect the 2P connector (A) from the bulb socket (B).

High Mount Brake Light: 21 W



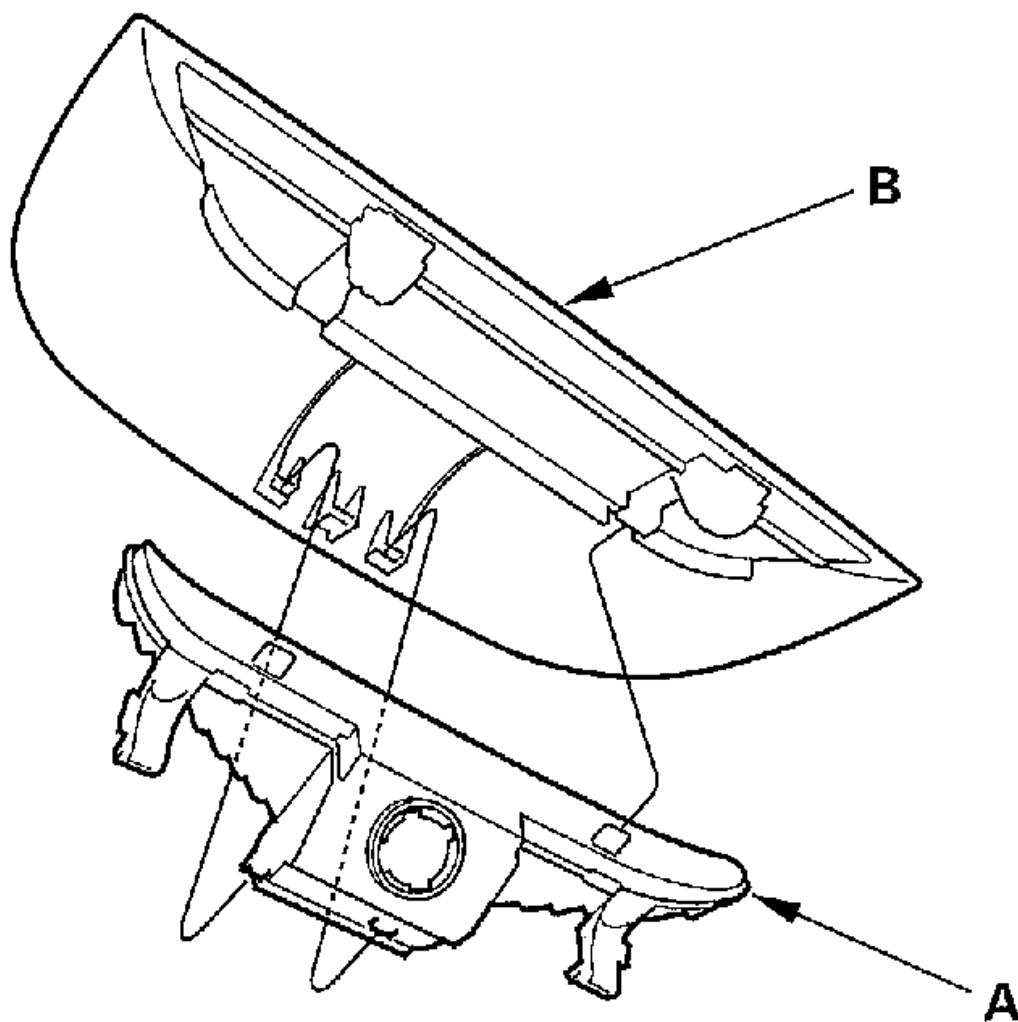
G01820984

Fig. 30: Removing High Mount Brake Light Bulb

2. Turn the bulb socket (B) 45° counterclockwise to remove the bulb.

HOUSING REPLACEMENT

1. Remove the rear shelf (see **TRIM REMOVAL/INSTALLATION - REAR SHELF AREA**).
2. Remove the high mount brake light housing (A) from the cover (B).

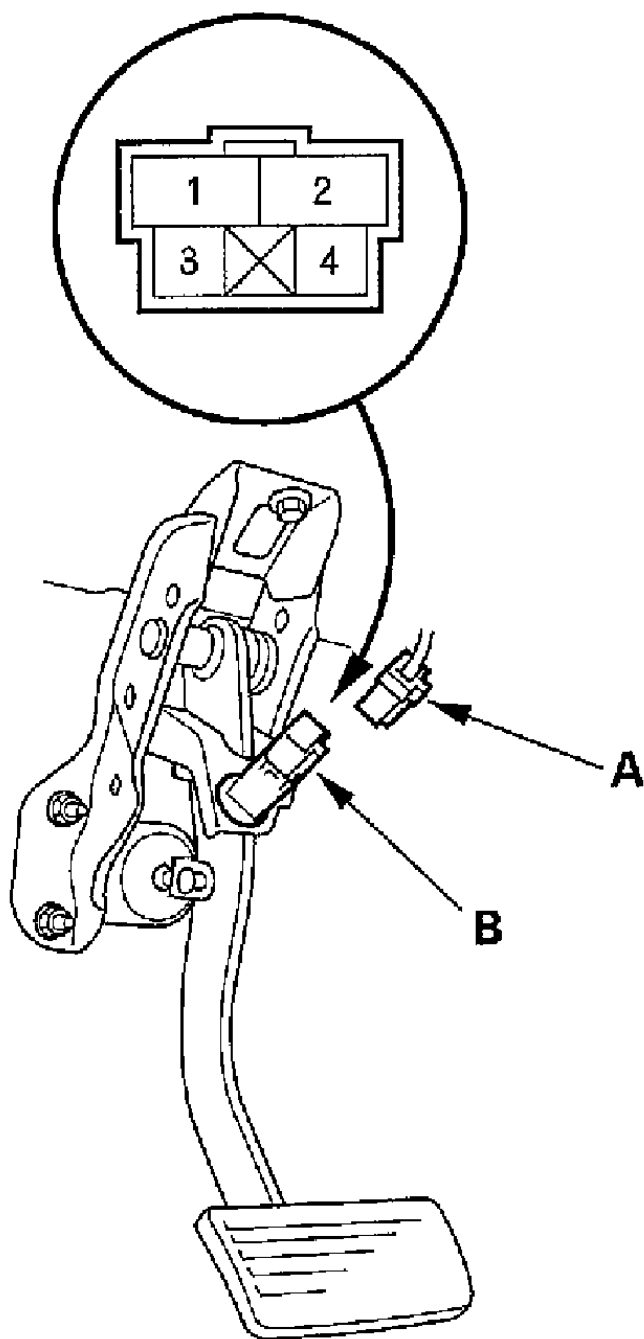


G01820985

Fig. 31: Removing High Mount Brake Light Housing

BRAKE PEDAL POSITION SWITCH TEST

1. Disconnect the 4P connector (A) from the brake pedal position switch (B).



G01820986

Fig. 32: Disconnecting The 4P Connector From The Brake Pedal Position Switch

2. Check for continuity between the No. 1 and No. 2 terminals.
 - There should be continuity when the brake pedal is pressed.

- There should be no continuity when the brake pedal is released.
3. Check for continuity between the No. 3 and No. 4 terminals.
 - There should be no continuity when the brake pedal is pressed.
 - There should be continuity when the brake pedal is released.
 4. If necessary, adjust or replace the switch, or adjust the pedal height (see **BRAKE PEDAL HEIGHT & FREE PLAY**).

SIDE TURN SIGNAL LIGHT REPLACEMENT

1. Remove the power mirror actuator (see **POWER MIRROR ACTUATOR REPLACEMENT**).
2. Disconnect 2P connector (A) from the side turn signal light (B).

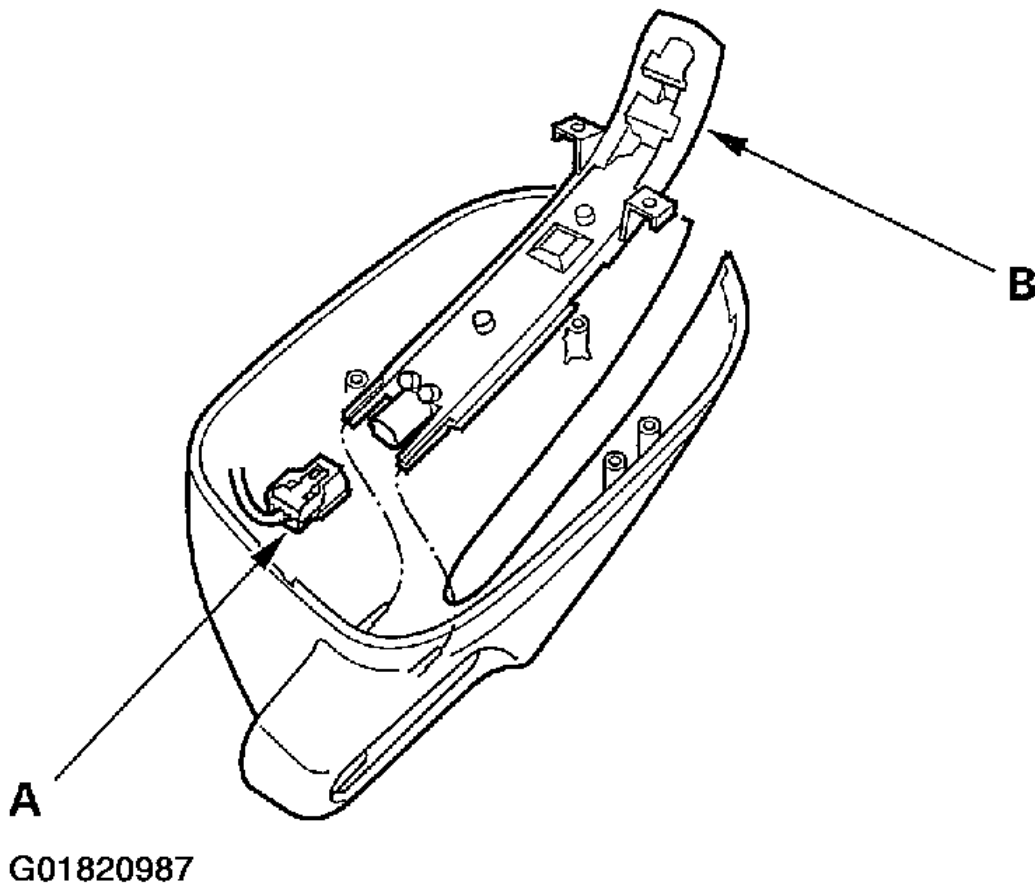
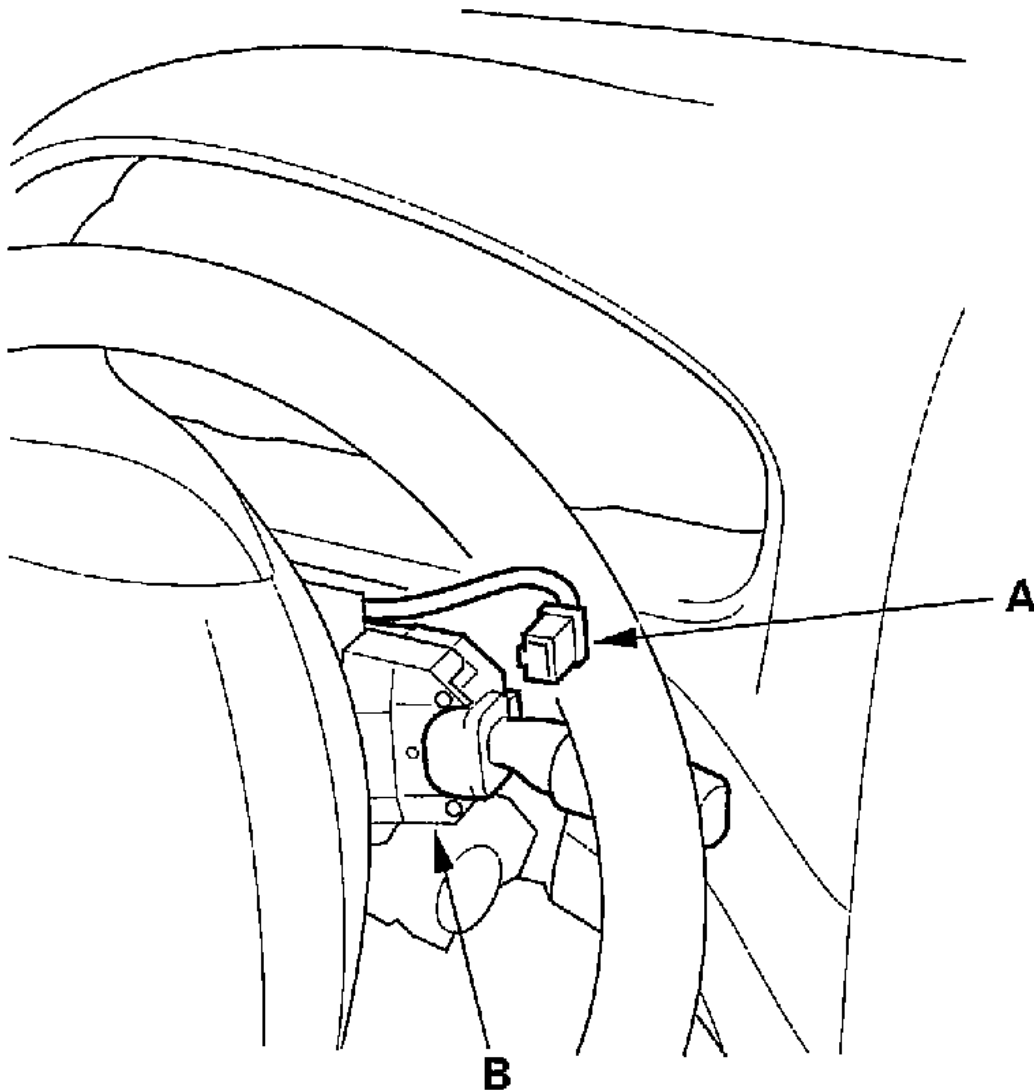


Fig. 33: Removing Side Turn Signal Light Bulb

3. Install in the reverse order of removal.

COMBINATION LIGHT SWITCH TEST/REPLACEMENT

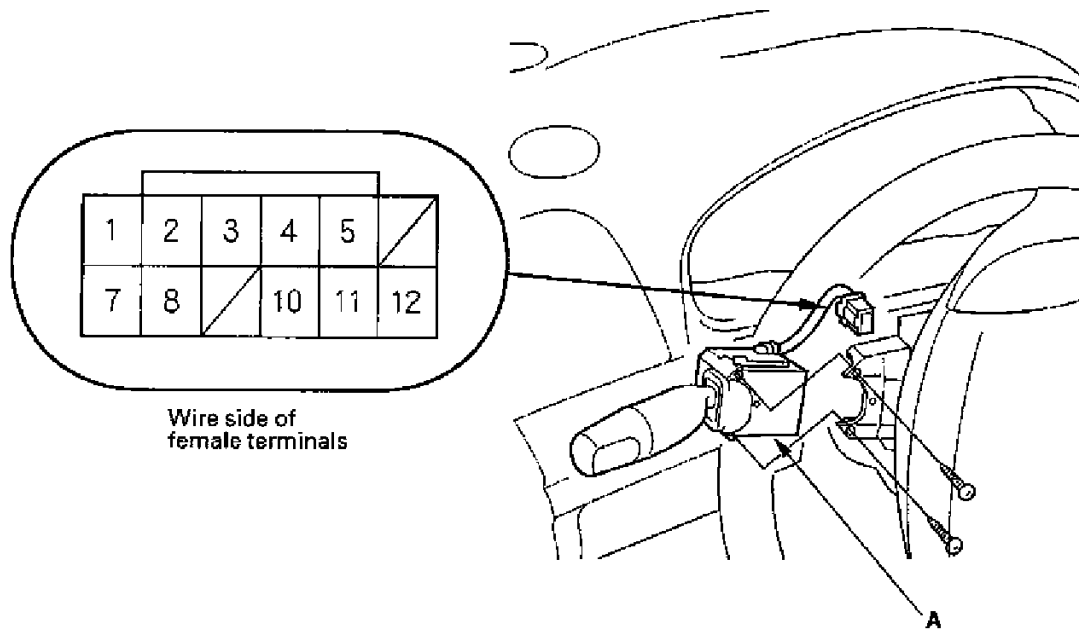
1. Remove the dashboard lower cover (see **DRIVER'S DASHBOARD LOWER COVER REMOVAL/INSTAL**).
2. Remove the steering column covers (see **STEERING COLUMN REMOVAL AND INSTALLATION**).
3. Disconnect the 12P connector (A) from the wiper/washer switch (B).



G01820988

Fig. 34: Disconnecting The 12P Connector From The Wiper/Washer Switch

4. Remove the two screws, then slide out the combination light switch (A).



G01B20989

Fig. 35: Removing Combination Light Switch

5. Inspect the connector terminals to be sure they are all making good contact.
- If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.
 - If the terminals look OK, check for continuity between the terminals in each switch position according to the tables. See **Fig. 36** and **Fig. 37**.
 - If the continuity is not as specified, replace the switch.

Terminal		1	2	3	4	7	12
Position							
Headlight switch	OFF	○					○
	☼					○	○
	LOW		○			○	○
			○			○	○
	HIGH				○		○
Passing switch	OFF						
	ON			○			○

G01B20990

Fig. 36: Light Switch Test Table

Terminal Position	4	10	12
LEFT			
NEUTRAL			
RIGHT			

G01820991

Fig. 37: Turn Signal Switch Test Table