

LIGHTING SYSTEM

650PD-06

PRECAUTION

1. PRECAUTION FOR DISCONNECTING THE BATTERY CABLE

NOTICE FOR INITIALIZATION:

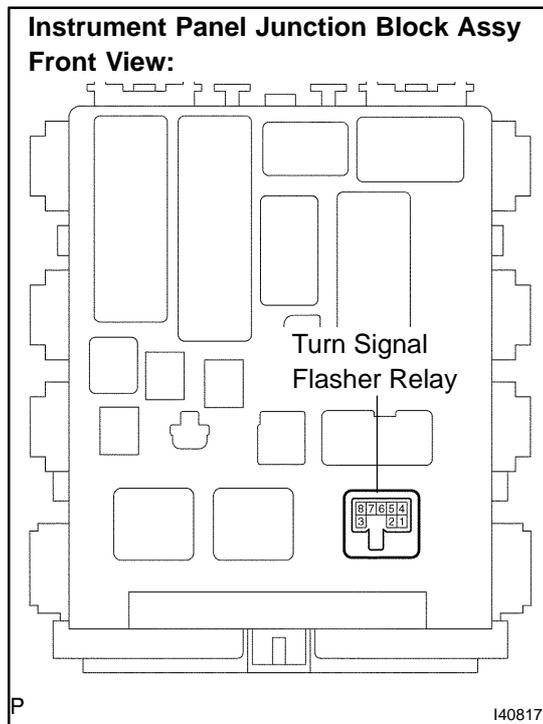
When disconnecting the negative (-) battery terminal, initialize the following system after the terminal is reconnected.

System Name	See Page
Power Window Control System	01-28

NOTICES FOR HYBRID SYSTEM ACTIVATION:

- When the warning lamp is illuminated or the battery has been disconnected and reconnected, pressing the power switch may not start the system on the first try. If so, press the power switch again.
 - With the power switch's power mode changed to ON (IG), disconnect the battery. If the key is not in the key slot during reconnection, DTC B2799 may be output.
- ### 2. PRECAUTION OF HEADLIGHT BULB REPLACEMENT (w/o HID)
- (a) If even a thin film of oil is left on the surface of the halogen lamp, its service life will be shortened because the lamp will burn at a higher temperature.
 - (b) Handle any halogen lamp with great care. Dropping, hitting or damaging the bulb, in any way, may result in it exploding and shattering because the internal pressure is high.
 - (c) Always prepare a new bulb for immediate replacement. While replacing the bulb, the lens may attract dust and moisture if removed from the vehicle for too long.
 - (d) Always use a bulb of the same wattage for replacement.
 - (e) Firmly reinstall the socket after bulb replacement. The lens may become cloudy or the light cavity may fill with water through the gaps around the socket.
- ### 3. PRECAUTION FOR HEADLAMP BULB REPLACEMENT (w/ HID)
- (a) When any defects such as deformation, crack, dent, chipping, etc. are identified on the HID headlight (especially, on the light control ECU), replace it with a new one.
 - (b) Even if the operation seems to be normal, the fail-safe function may be defective.
 - (c) Be careful not to scratch or drop bulbs of the HID headlight and halogen bulbs (for high beam headlights and fog lights) as they have pressurized gas inside and can be easily broken.
 - (d) Touching the high voltage socket of the HID headlight with the headlight dimmer switch ON could generate momentary high voltage of 20,000 V and lead to a serious injury.
 - (e) Never connect a tester to the high voltage socket of the HID headlight for measurement, as this may lead to a serious injury because of high voltage.
 - (f) When servicing the HID headlight, keep it away from water including rain, turn off the light control switch, and disconnect the battery terminal and the connector of the light control ECU in advance to avoid electric shock.
 - (g) When operating the HID headlight, operate it after assembling is completed and never turn on the lights without a bulb installed.
 - (h) Do not turn on the HID headlight using another power source except the vehicle's.

ON-VEHICLE INSPECTION



1. INSPECT TURN SIGNAL FLASHER OPERATION

- (a) Power source circuit and ground circuit inspection.
- (1) Remove the turn signal flasher relay from the instrument panel junction block assy.
 - (2) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - Body ground	Ignition switch ON	10 to 14 V
4 - Body ground	Always	10 to 14 V

- (3) Measure the resistance according to the value(s) in the table below.

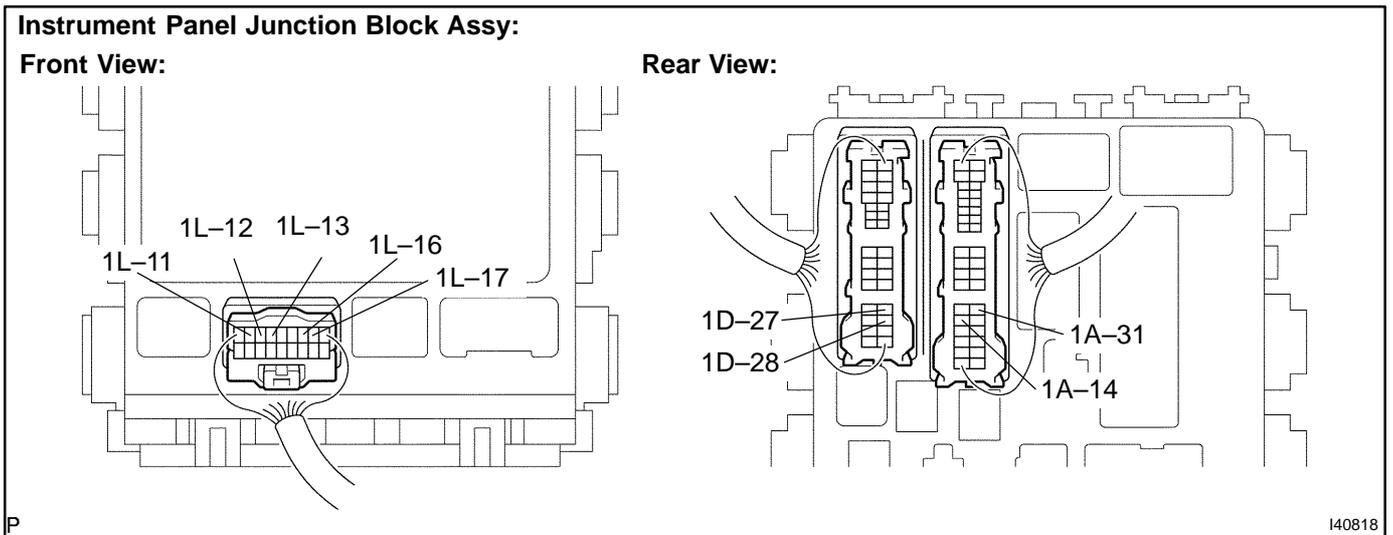
Standard:

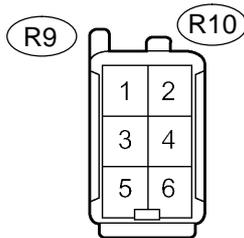
Tester connection	Condition	Specified condition
7 - Body ground	Always	Below 1 Ω

- (b) Output operation signal inspection.
 (1) Install the turn signal flasher relay to the instrument panel junction block assy.
 (2) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1A-14 - Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A-14 - Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A-31 - Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A-31 - Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D-27 - Body ground	Hazard warning signal OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D-27 - Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D-28 - Body ground	Hazard warning signal OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D-28 - Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L-11 - Body ground	Turn signal switch (left turn) OFF → ON	Above 9 V → 0 V
1L-12 - Body ground	Turn signal switch (right turn) OFF → ON	Above 9 V → 0 V
1L-13 - Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L-13 - Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L-16 - Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L-16 - Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L-17 - Body ground	Hazard warning switch OFF → ON	Above 9 V → 0 V



Wire Harness View:

H E68386

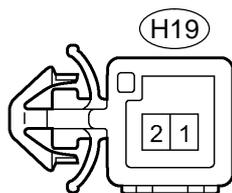
I41163

2. REAR COMBINATION LAMP

- (a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
2 - 5	Brake pedal released	Below 1 V
2 - 5	Brake pedal depressed	10 to 14 V

Wire Harness View:

H

E72841

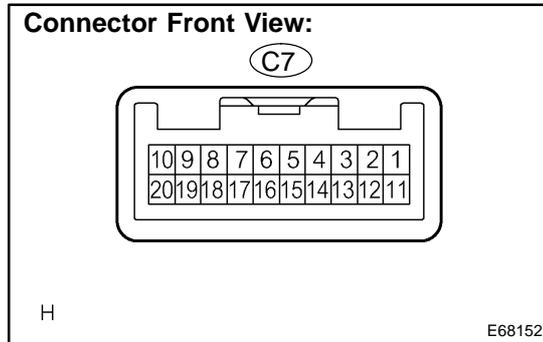
3. HIGH MOUNTED STOP LAMP

- (a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - 2	Brake pedal released	Below 1 V
1 - 2	Brake pedal depressed	10 to 14 V

INSPECTION



1. HEADLAMP DIMMER SWITCH ASSY

- (a) Inspect light control switch continuity.
 - (1) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
12 - 18 12 - 19 12 - 20	OFF	10 kΩ or higher
12 - 18	TAIL	Below 1 Ω
12 - 18 12 - 20	HEAD	Below 1 Ω
12 - 19	AUTO	Below 1 Ω

- (b) Inspect headlight dimmer switch continuity.
 - (1) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
11 - 12 11 - 17	FLASH	Below 1 Ω
12 - 16	LOW BEAM	Below 1 Ω
11 - 12	HIGH BEAM	Below 1 Ω

- (c) Inspect turn signal switch continuity.
 - (1) Measure the resistance according to the value(s) in the table below.

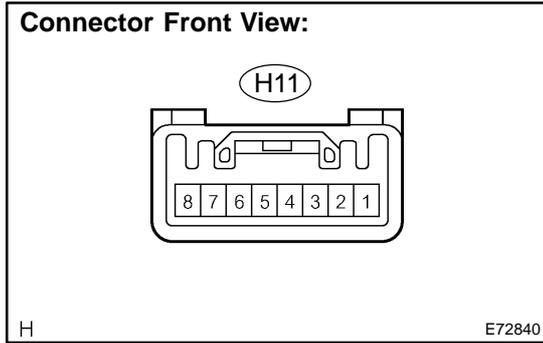
Standard:

Tester connection	Condition	Specified condition
12 - 13	Right turn	Below 1 Ω
12 - 13 12 - 15	Neutral	10 kΩ or higher
12 - 15	Left turn	Below 1 Ω

- (d) Inspect fog lamp switch continuity.
 - (1) measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
3 - 4	OFF	10 kΩ or higher
3 - 4	Front fog lamp switch ON	Below 1 Ω



2. HAZARD WARNING SIGNAL SWITCH ASSY

- (a) Inspect hazard warning switch continuity.
 (1) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
2 - 3	Hazard warning switch ON	Below 1 Ω
2 - 3	Hazard warning switch OFF	10 kΩ or higher

- (b) Inspect hazard warning switch illumination.
 (1) Connect the battery positive (+) lead from the battery to the terminal 4 and battery negative (-) lead to the terminal 1, then check that the illumination comes on.

OK: Illumination comes on.

3. FRONT DOOR COURTESY LAMP SWITCH ASSY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

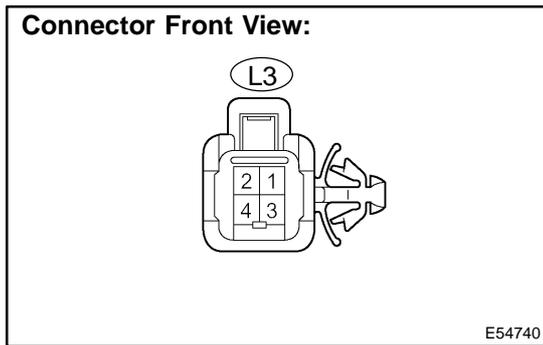
Tester connection	Condition	Specified condition
1 - Body ground	OFF (Shaft is pressed)	10 kΩ or higher
1 - Body ground	ON (Shaft is not pressed)	Below 1 Ω

4. REAR DOOR COURTESY LAMP SWITCH ASSY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - Body ground	OFF (Shaft is pressed)	10 kΩ or higher
1 - Body ground	ON (Shaft is not pressed)	Below 1 Ω

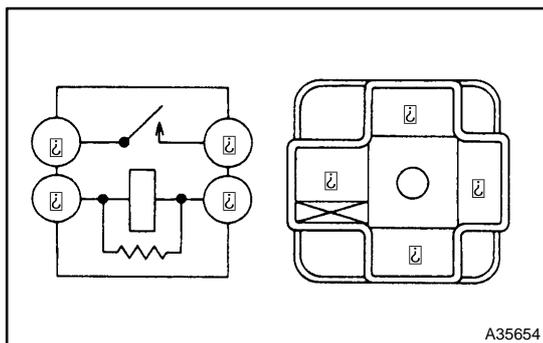


5. BACK DOOR COURTESY LAMP SWITCH ASSY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - 2	Back door is closed	10 kΩ or higher
1 - 2	Back door is opened	Below 1 Ω

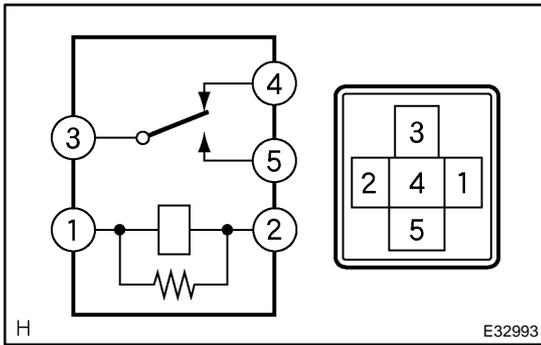


6. HEADLAMP RELAY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (When battery voltage is applied to terminal 1 - 2)

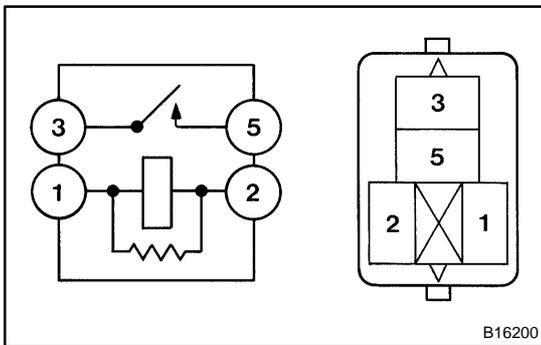


7. HEADLAMP RELAY NO.2

- (a) Inspect DIM relay continuity.
 - (1) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
3 - 5	10 kΩ or higher
3 - 4	Below 1 Ω
3 - 5	Below 1 Ω (When battery voltage is applied to terminal 1 - 2)
3 - 4	10 kΩ or higher (When battery voltage is applied to terminal 1 - 2)

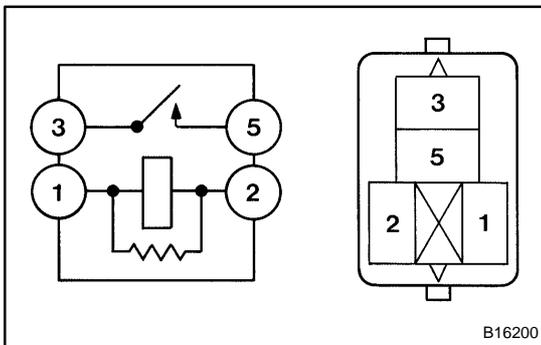


8. FOG LAMP RELAY (W/ FOG LAMP)

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (When battery voltage is applied to terminal 1 - 2)

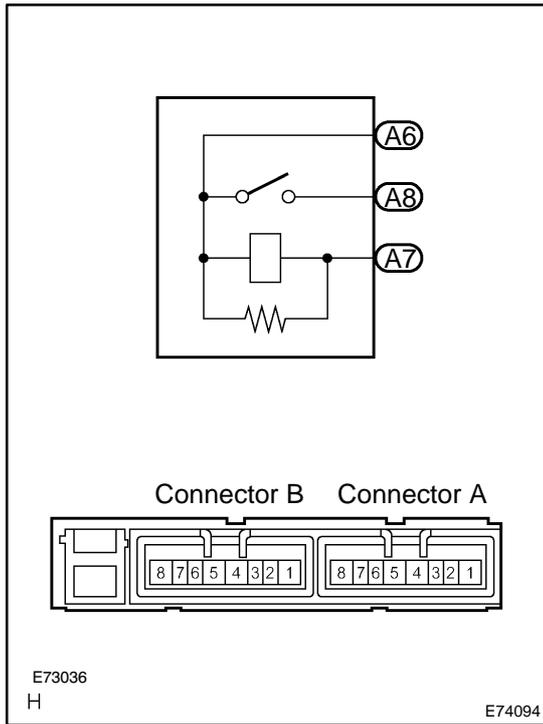


9. DRL NO.4 RELAY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (When battery voltage is applied to terminal 1 - 2)

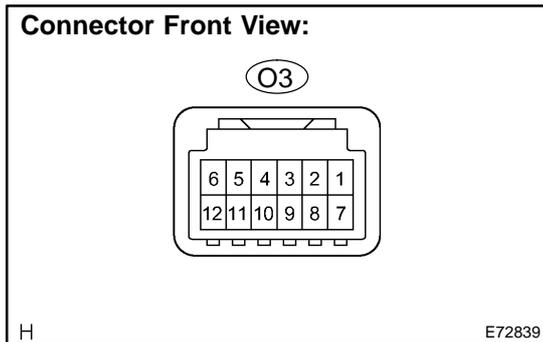


10. INTEGRATION RELAY

(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Specified condition
A6 - A8	Below 1 V
A6 - A8	10 to 14 V (When connect the (+) lead from the battery to terminal A6 and the (-) lead to terminal A7)



11. MAP LAMP ASSY

(a) Measure the resistance according to the value(s) in the table below.

Standard:

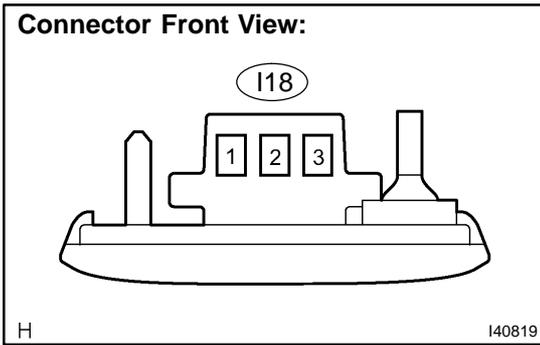
Tester connection	Condition	Specified condition
1 - 3	Switch is OFF	10 kΩ or higher
1 - 4		

(b) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (-) lead to the terminal 3, then check that the illumination comes on when switch is in the DOOR position.

OK: Illumination comes on.

(c) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (-) lead to the terminal 4, then check that the illumination comes on when switch is in the ON position.

OK: Illumination comes on.



12. ROOM LAMP ASSY NO.1

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - 2	Switch is OFF	10 kΩ or higher
1 - 3		

- (b) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (-) lead to the terminal 2, then check that the illumination comes on when switch is in the DOOR position.

OK: Illumination comes on.

- (c) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (-) lead to the terminal 3, then check that the illumination comes on when switch is in the ON position.

OK: Illumination comes on.

13. ROOM LAMP ASSY NO.2

- (a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (-) lead to other terminal, then check that the lamp comes on when switch is in the ON position.

OK: Lamp comes on.

14. VANITY LAMP SWITCH

- (a) Measure the resistance according to the value(s) in the table below.

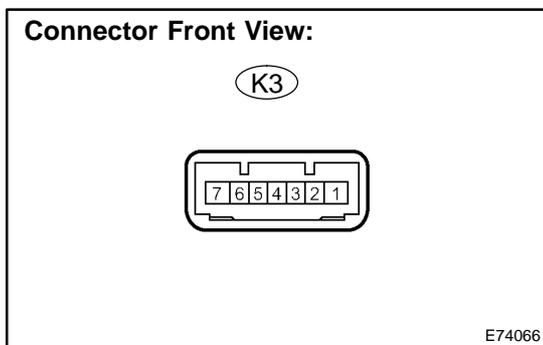
Standard:

Tester connection	Condition	specified condition
1 - 2	Switch is OFF	10 kΩ or higher
1 - 2	Switch is ON	Below 1 Ω

15. VANITY LAMP ASSY

- (a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (-) lead to other terminal, then check that the lamp comes on.

OK: Lamp comes on.



16. ELECTRICAL KEY HOLDER ASSY

- (a) Inspect key slot illumination.
 - (1) Connect the battery positive (+) lead from the battery to the terminal 2 and battery negative (-) lead to the terminal 6, then check that the illumination comes on.

OK: Illumination comes on.

17. GLOVE BOX LAMP ASSY

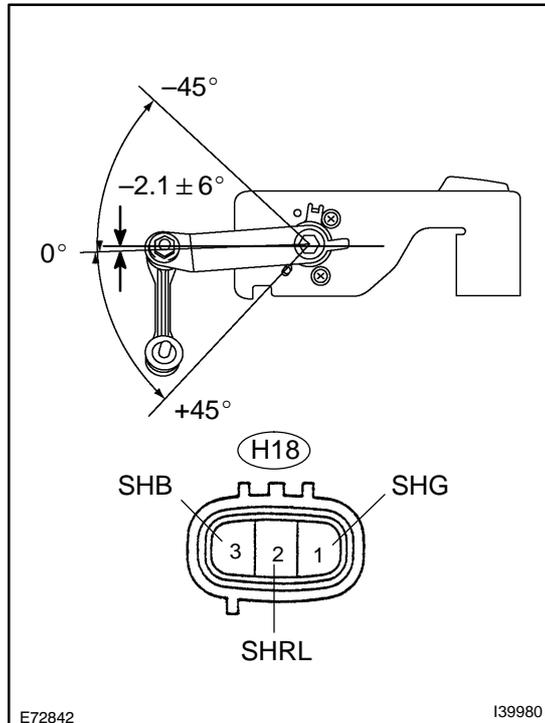
- (a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (-) lead to other terminal, then check that the lamp comes on when switch is in the ON position.

OK: Lamp comes on.

18. DOOR COURTESY LAMP ASSY

- (a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (-) lead to other terminal, then check that the lamp comes on.

OK: Lamp comes on.

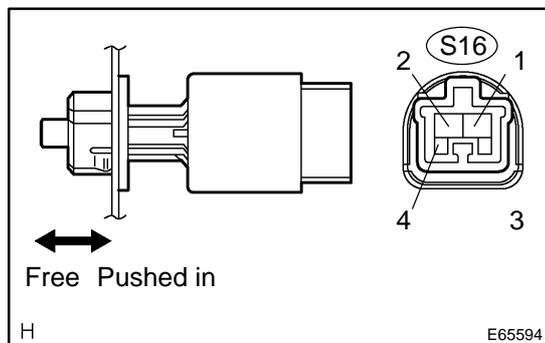


19. HEIGHT CONTROL SENSOR SUB-ASSY REAR LH

- (a) Connect 3 dry cell batteries (1.5 V) in a series.
- (b) Connect the positive (+) lead from the batteries to terminal 3 and negative (-) lead to terminal 1.
- (c) Measure the voltage between the terminal 1 and 2 when slowly move the link up and down.

Standard:

Tester connection	Condition	Specified condition
1 - 2	+45° (High)	Approx. 4.5 V
1 - 2	0° (Normal)	Approx. 2.5 V
1 - 2	-45° (Low)	Approx. 0.5 V



20. STOP LAMP SWITCH ASSY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 - 2	Switch pin free	Below 1 Ω
3 - 4	Switch pin free	10 kΩ or higher
1 - 2	Switch pin pushed in	10 kΩ or higher
3 - 4	Switch pin pushed in	Below 1 Ω

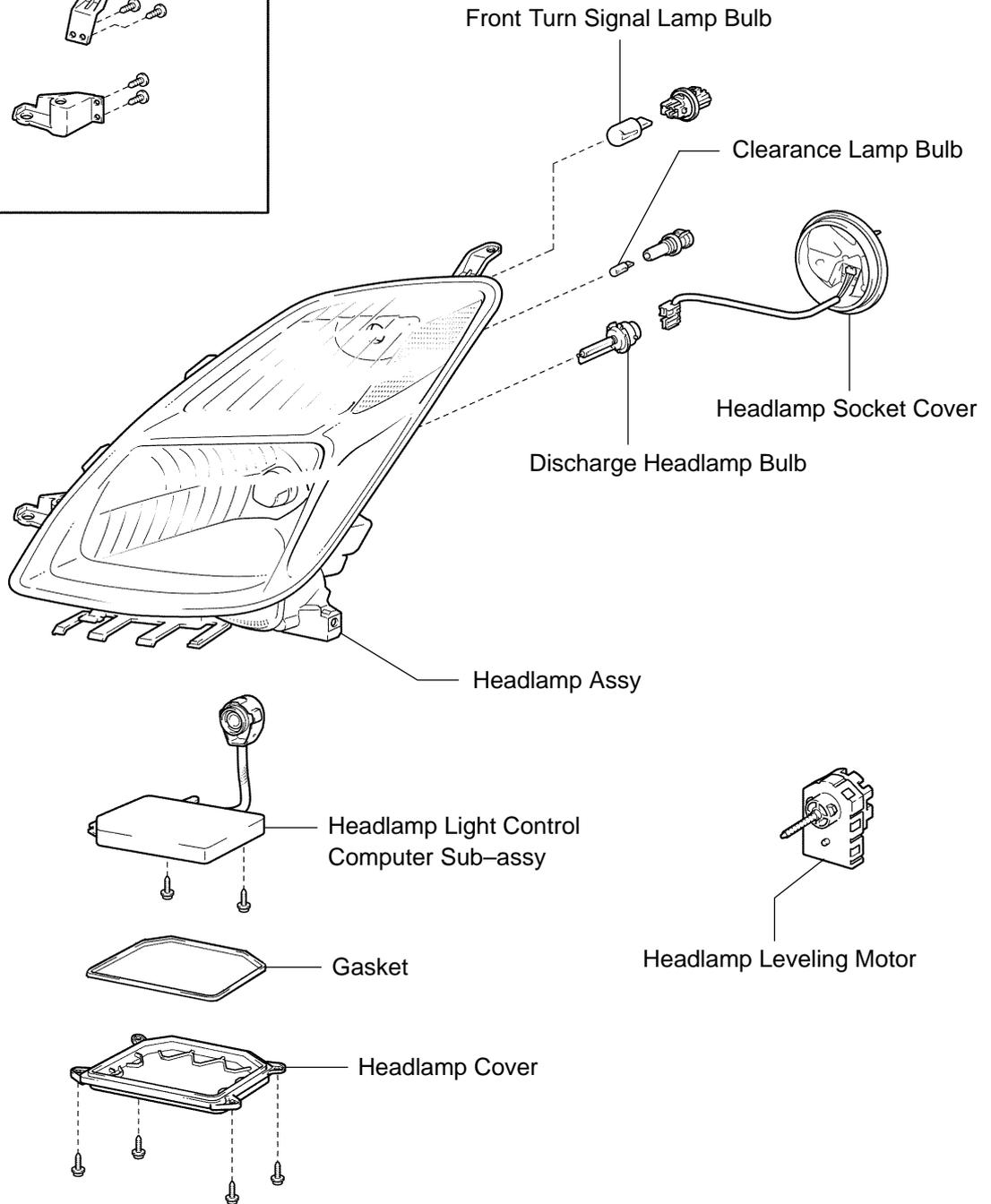
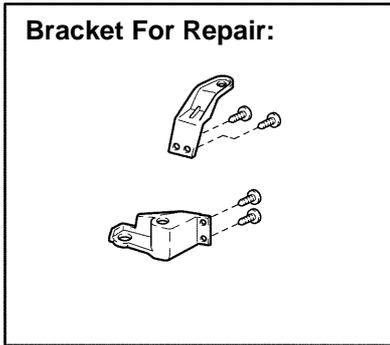
HEADLAMP ASSY COMPONENTS

6511Z-01

HINT:

Parts are shown for the LH side only. The LH and RH side are symmetrical.

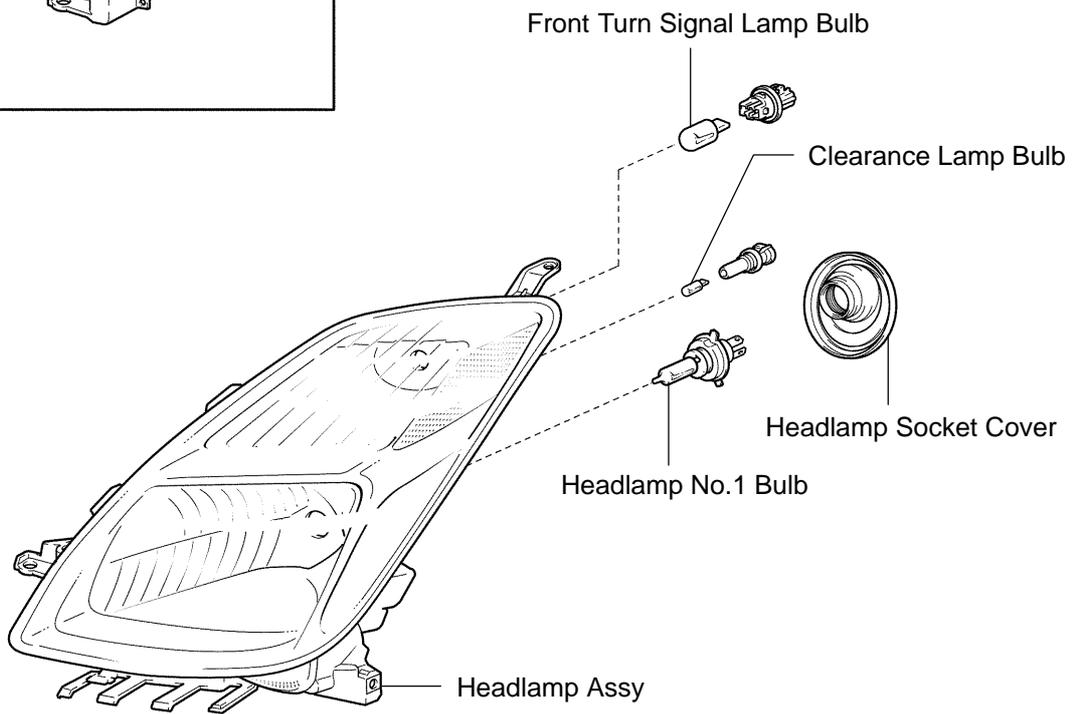
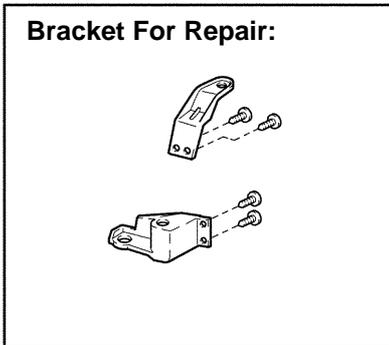
Discharge Headlamp:



P E71134

I39781

Halogen Headlamp:



P

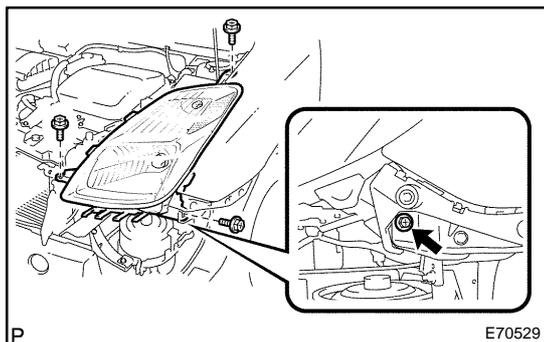
I38397

OVERHAUL

HINT:

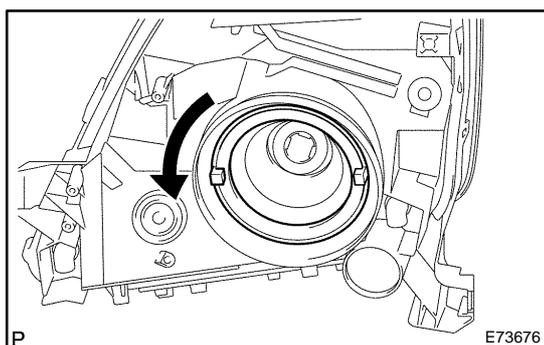
COMPONENTS: See page 65-11

1. REMOVE FRONT FENDER LINER LH (SEE PAGE 76-2)
2. REMOVE FRONT FENDER LINER RH
3. REMOVE FRONT BUMPER COVER (SEE PAGE 76-2)



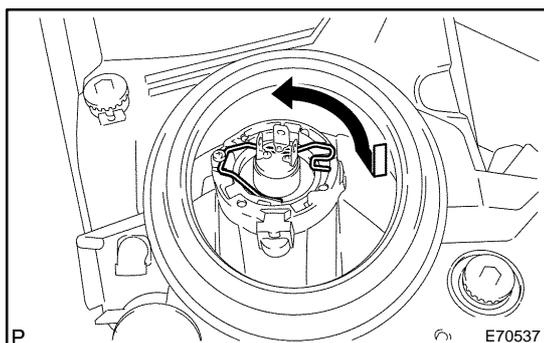
4. REMOVE HEADLAMP ASSY

- (a) Remove the 3 screws.
- (b) Pull the headlamp assy towards the front of the vehicle, disconnect all connectors and remove the headlamp assy.



5. REMOVE HEADLAMP, NO.1 BULB (HALOGEN HEAD LAMP)

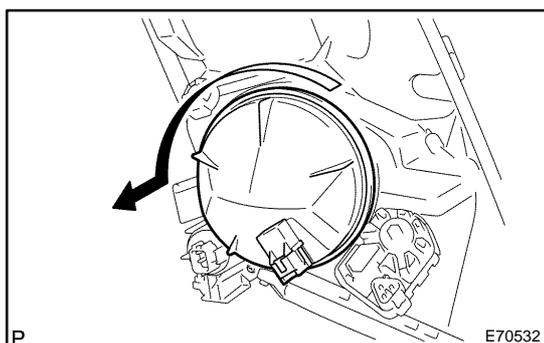
- (a) Turn the headlamp socket cover in the direction indicated by the arrow in the illustration to remove it.



- (b) Push the set spring in the direction indicated by the arrow in the illustration to remove the headlamp No.1 bulb.

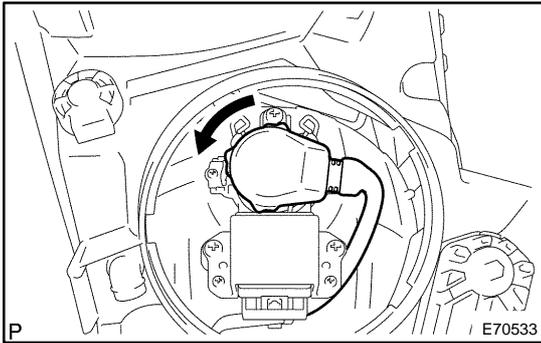
NOTICE:

Do not touch the bulb glass with your fingers.

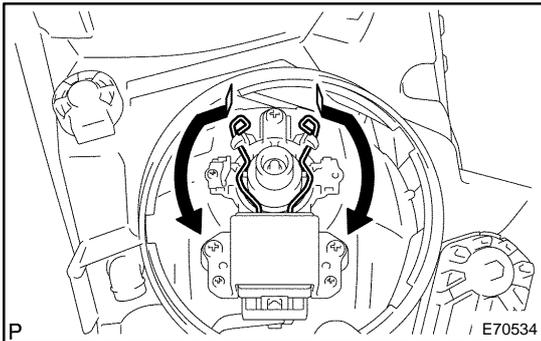


6. REMOVE DISCHARGE HEADLAMP BULB (DISCHARGE HEAD LAMP)

- (a) Turn the headlamp socket cover in the direction indicated by the arrow in the illustration to remove it.



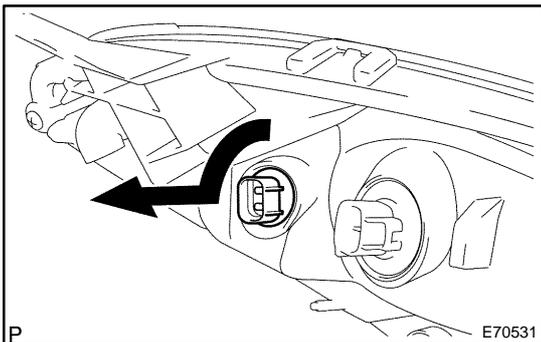
- (b) Turn the headlamp light control computer socket in the direction indicated by the arrow in the illustration to remove it.



- (c) Push the set spring in the direction indicated by the arrow in the illustration and remove the discharge headlamp bulb.

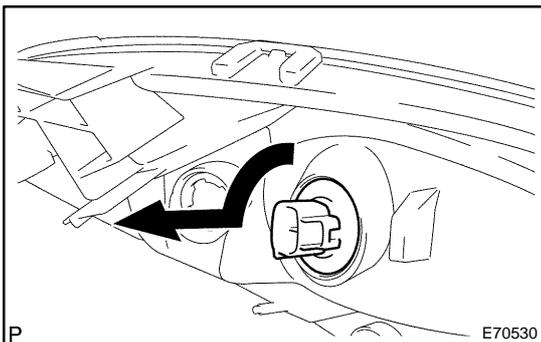
NOTICE:

Do not touch the bulb glass with your fingers.



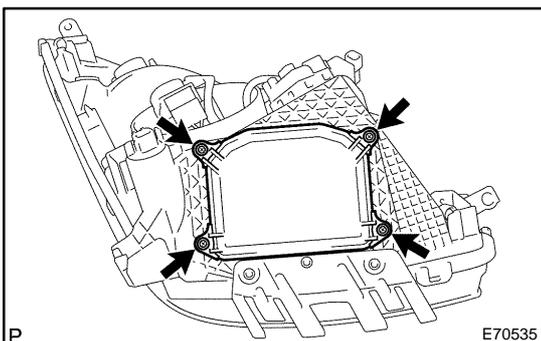
7. REMOVE CLEARANCE LAMP BULB

- (a) Turn the clearance lamp socket and bulb in the direction indicated by the arrow in the illustration to remove them.



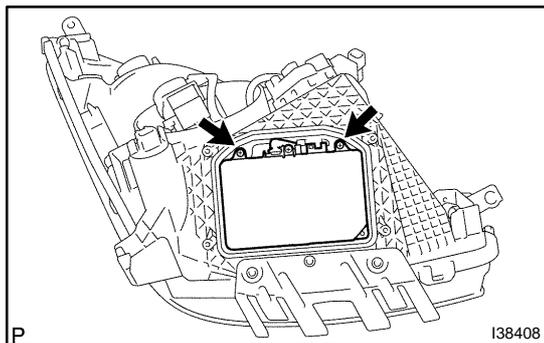
8. REMOVE FRONT TURN SIGNAL LAMP BULB

- (a) Rotate the front turn signal lamp socket and bulb in the direction indicated by the arrow in the illustration to remove them.

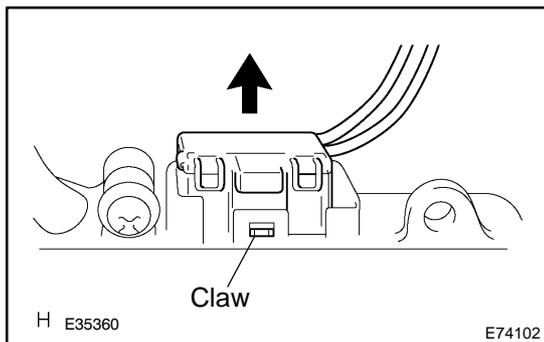


9. REMOVE HEADLAMP LIGHT CONTROL COMPUTER SUB-ASSY (DISCHARGE HEAD LAMP)

- (a) Remove the 4 screws, and then the headlamp cover and gasket.



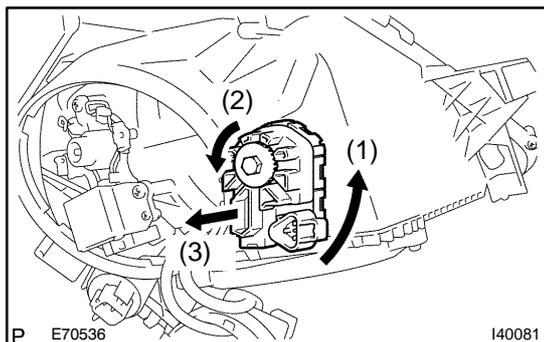
(b) Remove the 2 screws.



(c) Disengage the claw and disconnect the connector, and then remove the headlamp light control computer sub-assy.

HINT:

If the bulb socket cannot be removed due to interference with the reflector, turn the aiming screw counterclockwise, move the reflector, and then remove the bulb socket.



10. REMOVE HEADLAMP LEVELING MOTOR (DISCHARGE HEAD LAMP)

- Rotate the headlamp leveling motor in the direction indicated by arrow (1) in the illustration to remove it.
- Rotate the aiming screw on the headlamp leveling motor in the direction indicated by arrow (2) in the illustration and remove the shaft.
- Pull the headlamp leveling motor towards you to remove it.

11. HEADLIGHT AIM ONLY (SEE PAGE 65-16)

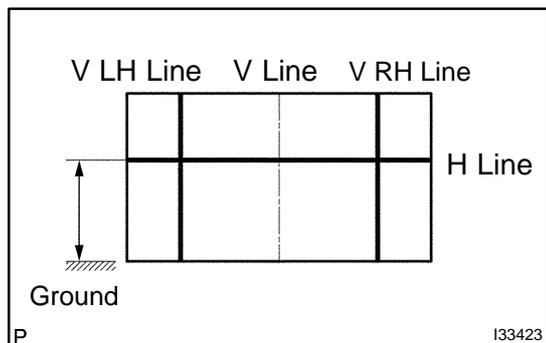
12. ADJUST FOG LIGHT AIM (SEE PAGE 65-19)

ADJUSTMENT

1. HEADLIGHT AIM ONLY

HINT:

- Perform aim adjustment with low-beam.
 - Since the low-beam light and the high-beam light are a unit, if aiming on either side is correct, the other side should also be correct. However, check both beams just to make sure.
- (a) Prepare the vehicle by performing the following.
- Ensure there is no damage or deformation to the body around the headlamps.
 - Fill the fuel tank.
 - Make sure that the oil is filled to the specified level.
 - Make sure that the coolant is filled to the specified level.
 - Inflate the tires to the appropriate pressure (see page 28-1).
 - Place the spare tire, tools, and jack in their original position.
 - Unload the trunk.
 - Sit a person of average weight (68 kg, 150 lbs) in the driver's seat.



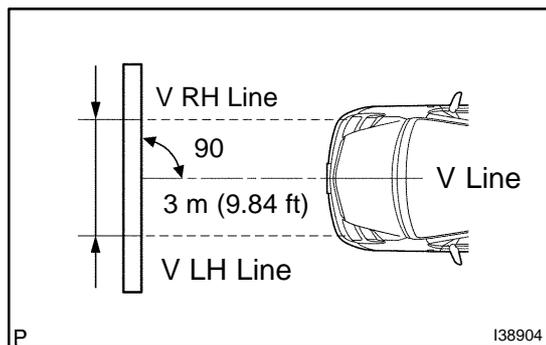
- (b) Prepare a piece of thick white paper (draw base lines).

HINT:

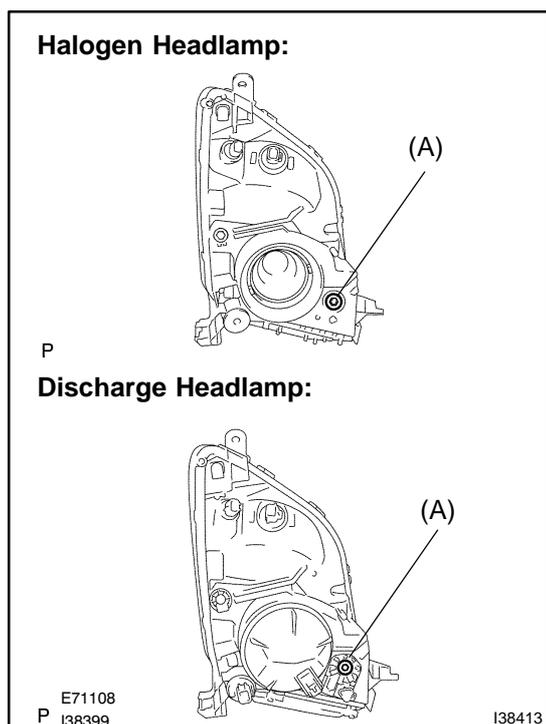
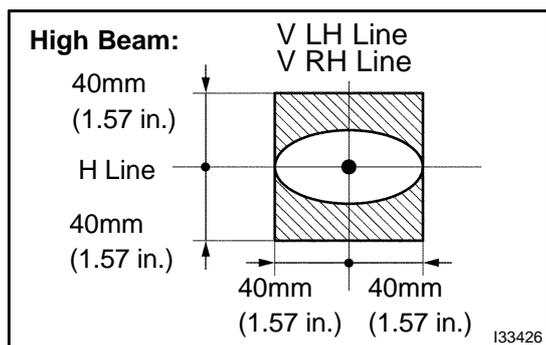
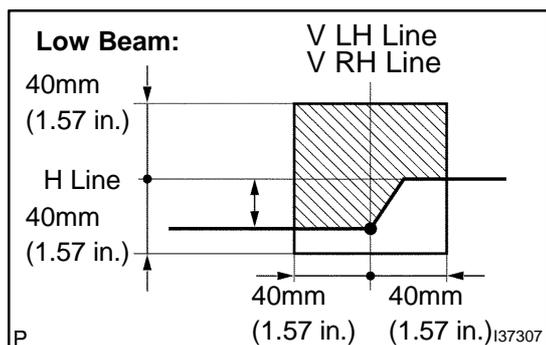
- Stand the paper perpendicularly against a wall.
 - The base lines differ for "Low-beam inspection" and "High-beam inspection".
- (1) V line (vehicle center position)
Draw a vertical line down the center of the paper to align with the center of the vehicle.
- (2) H line (headlight height)
Draw a horizontal line across the paper so that it is at the same height as the center mark of the low-beam light on the vehicle.
- (3) V LH line, V RH line (center mark position of right and left headlamps)
Draw vertical lines on the left and right sides of the paper so that they line up with the center mark on the low-beam lights on the vehicle.

HINT:

When performing "High-beam inspection", draw an H line, a V LH line, and a V RH line based on the center mark on the high-beam headlamp side.



- (c) Check headlamp aim
- (1) Align the paper and vehicle.
 - Make a distance of 3 m (9.84 ft) between the headlamps and the paper. Place the paper against a wall with the H line at the same height as the center mark.
 - Align the center of the vehicle with the V line on the paper. Ensure that the paper forms a 90° angle to the V line.
 - (2) Start the engine.
 - (3) Turn on the headlamps and check that the aim is within the specified range shown in the illustration.



- (d) Adjust the aim in the vertical direction:
Using a screwdriver, adjust the headlamp aim into the specified range by turning aiming screw A.

NOTICE:

- **Adjust the headlamp aim by turning the screw in the tightening direction.**
- **When the screw is tightened excessively, loosen it once and retighten it to adjust the headlamp aim.**

HINT:

The headlamp aim moves down when turning the screw clockwise, and moves up when turning the screw counterclockwise.

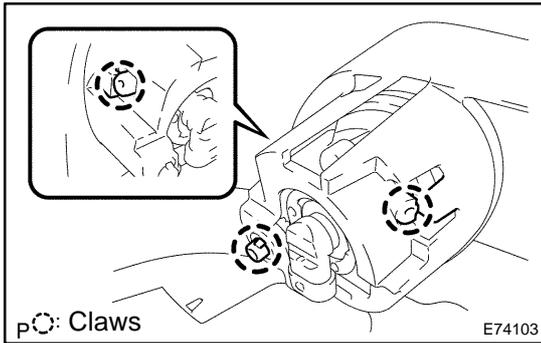
FOG LAMP UNIT REPLACEMENT

65122-01

HINT:

Parts are shown for the LH side only. The LH and RH side are symmetrical.

1. REMOVE FRONT FENDER LINER LH (SEE PAGE 76-2)
2. REMOVE FRONT FENDER LINER RH
3. REMOVE FRONT BUMPER COVER (SEE PAGE 76-2)
4. REMOVE RADIATOR GRILLE LOWER LH (SEE PAGE 76-2)



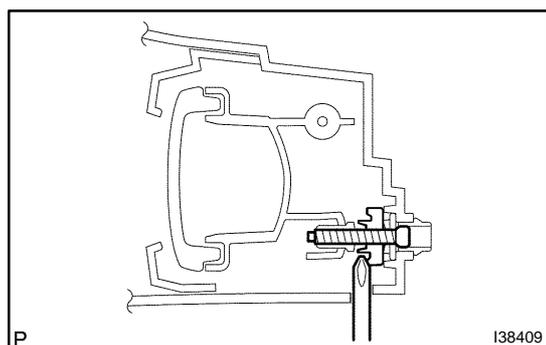
5. REMOVE FOG LAMP UNIT
 - (a) Disengage the 3 claws and push the fog lamp unit towards the front of the vehicle.
 - (b) Remove the fog lamp bulb and the fog lamp unit.

6. CHECK FOG LIGHT AIM (SEE PAGE 65-19)

ADJUSTMENT

1. ADJUST FOG LIGHT AIM

- (a) Prepare the vehicle by performing the following.
 - Ensure there is no damage or deformation to the body around the headlamps.
 - Fill the fuel tank.
 - Make sure that the oil is filled to the specified level.
 - Make sure that the coolant is filled to the specified level.
 - Inflate the tires to the appropriate pressure (see page 28-1).
 - Place the spare tire, tools, and jack in their original position.
 - Unload the trunk.
 - Sit a person of average weight (68 kg, 150 lbs) in the driver's seat.
- (b) Start the engine and let it idle.



- (c) From underneath the vehicle, turn the screw to perform the adjustment.

HINT:

- The lamp moves up when turning the screw clockwise, and moves down when turning the screw counterclockwise.
- When adjusting the fog lamp, insert a screwdriver into the front fender liner fog lamp service hole.

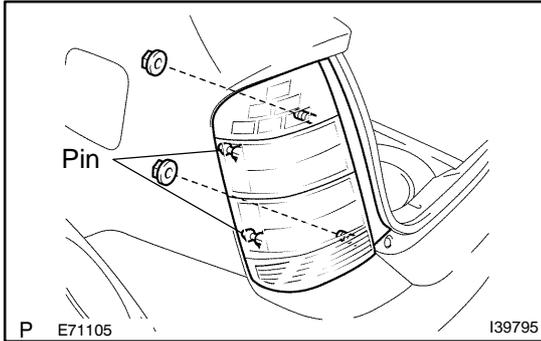
REAR COMBINATION LAMP ASSY OVERHAUL

65124-01

HINT:

Parts are shown for the LH side only. The LH and RH side are symmetrical.

1. REMOVE REAR COMBINATION LAMP SERVICE COVER LH



2. REMOVE REAR COMBINATION LAMP ASSY

- (a) Remove the 2 nuts.
- (b) Slide the 2 pins towards the back of the vehicle to remove them.
- (c) Disconnect the connector and remove the rear combination lamp assy.
- (d) Remove all bulb sockets and the 3 rear combination lamp bulbs.

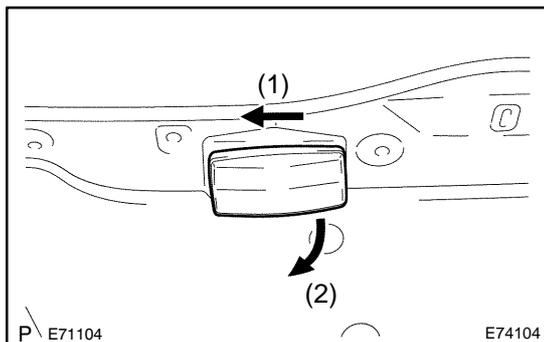
LICENSE PLATE LAMP LENS REPLACEMENT

65125-01

HINT:

Parts are shown for the LH side only. The LH and RH side are symmetrical.

1. REMOVE BACK DOOR TRIM BOARD ASSY (SEE PAGE 75-33)
2. REMOVE BACK DOOR GARNISH SUB-ASSY OUTSIDE (SEE PAGE 76-23)

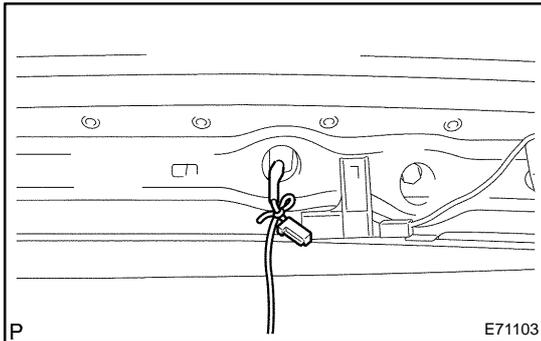
**3. REMOVE LICENSE PLATE LAMP LENS**

- (a) Push the license plate lamp assy in the direction indicated by the arrow in the illustration and remove it.
- (b) Disconnect the license plate lamp socket & wire and bulb. Remove the license plate lamp lens.

CENTER STOP LAMP ASSY REPLACEMENT

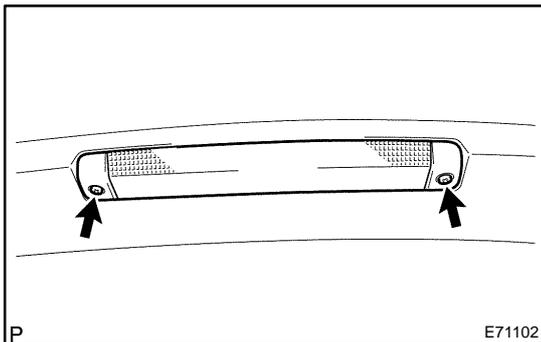
65126-01

1. REMOVE BACK DOOR TRIM BOARD ASSY (SEE PAGE 75-33)
2. REMOVE BACK DOOR GARNISH SUB-ASSY OUTSIDE (SEE PAGE 76-23)



3. REMOVE CENTER STOP LAMP ASSY

- (a) Disconnect the connector.
- (b) Tie a string around the center stop lamp assy cord.



- (c) Remove the 2 screws and the center stop lamp assy.

NOTICE:

The string will be used when installing, so leave the string as it is inside the back door.

4. INSTALL CENTER STOP LAMP ASSY

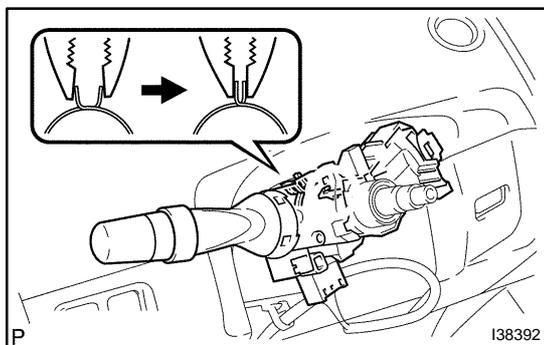
- (a) Tie the string hanging inside the back door around the new center stop lamp assy.
- (b) Using the string, pass the cord into the back door.
- (c) Install the center stop lamp assy with 2 screws.
- (d) Connect the connector.

HEADLAMP DIMMER SWITCH ASSY

65127-01

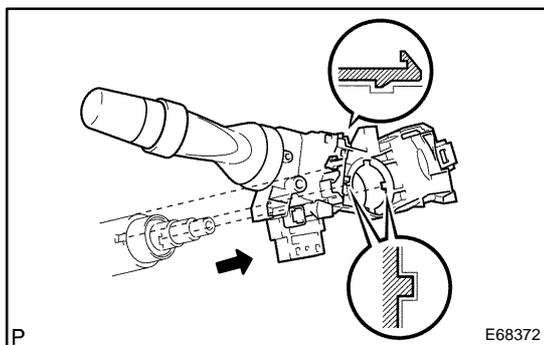
REPLACEMENT

1. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
2. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-20)
3. REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 60-20)
4. REMOVE HORN BUTTON ASSY (SEE PAGE 60-20)
5. REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)
6. REMOVE STEERING COLUMN COVER (SEE PAGE 50-8)
7. REMOVE SPIRAL CABLE SUB-ASSY (SEE PAGE 60-29)
8. REMOVE WINDSHIELD WIPER SWITCH ASSY (SEE PAGE 66-23)

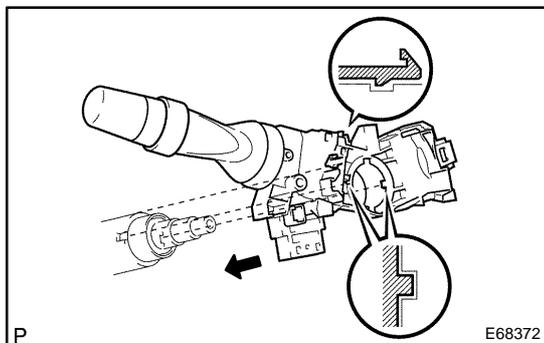


9. REMOVE HEADLAMP DIMMER SWITCH ASSY

- (a) Disconnect the connectors.
- (b) Remove the band clamp as shown in the illustration.

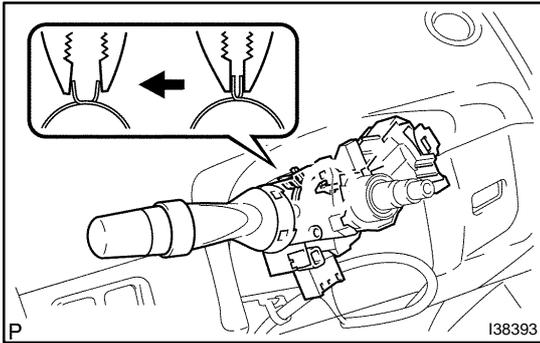


- (c) Disengage the claws and remove the headlamp dimmer switch assembly.



10. INSTALL HEADLAMP DIMMER SWITCH ASSY

- (a) Insert the headlamp dimmer switch assembly so that the recessed portion of the rotating stopper matches that of the rotating stopper.

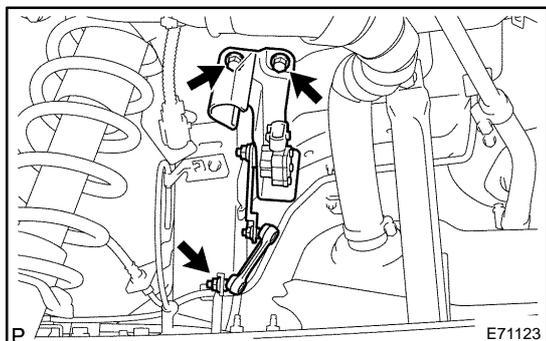


- (b) Install the headlamp dimmer switch with the band clamp and claw.
- (c) Connect the connectors.

11. **CENTER SPIRAL CABLE (SEE PAGE 60-29)**
12. **INSTALL STEERING WHEEL ASSY (SEE PAGE 50-8)**
13. **INSTALL HORN BUTTON ASSY (SEE PAGE 60-20)**
14. **CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 21-54)**
15. **INSPECT HORN BUTTON ASSY (SEE PAGE 60-14)**
16. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-1384)**
17. **PERFORM INITIALIZATION (SEE PAGE 01-28)**

HEIGHT CONTROL SENSOR SUB-ASSY REAR REPLACEMENT

65128-01



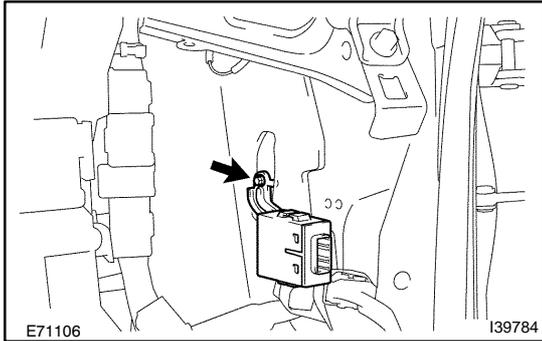
1. **REMOVE HEIGHT CONTROL SENSOR SUB-ASSY REAR**
 - (a) Disconnect the connector.
 - (b) Remove the nut and separate the height control sensor link from the rear axle beam.
 - (c) Remove the 2 bolts and the height control sensor rear.

2. **PERFORM INITIALIZATION (SEE PAGE 05-1675)**
3. **HEADLIGHT AIM ONLY (SEE PAGE 65-16)**

HEADLAMP LEVELING ECU ASSY REPLACEMENT

65129-01

1. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
2. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-7)
3. REMOVE ECM (SEE PAGE 10-24)



4. REMOVE HEADLAMP LEVELING ECU ASSY
 - (a) Disconnect the connector.
 - (b) Remove the bolt and the headlamp leveling ECU assy.

5. INSTALL ECM (SEE PAGE 10-24)
6. CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 21-54)
7. PERFORM INITIALIZATION (SEE PAGE 05-1675)