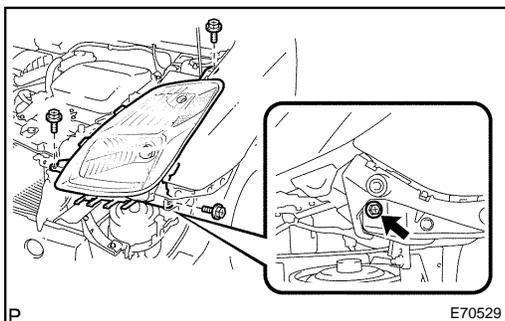


## OVERHAUL

HINT:

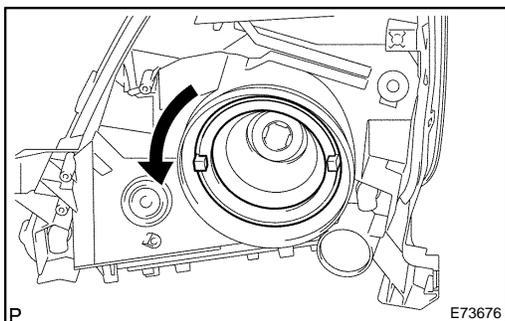
COMPONENTS: See page 65-1 1

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 )



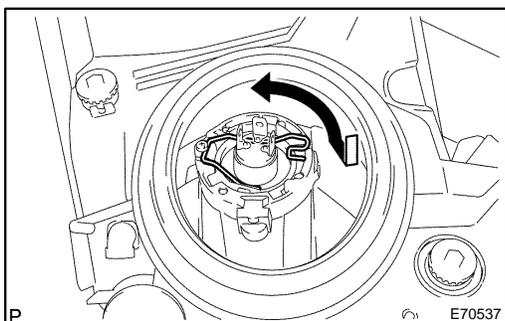
### 4. REMOVE HEADLAMP ASSY

- (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)

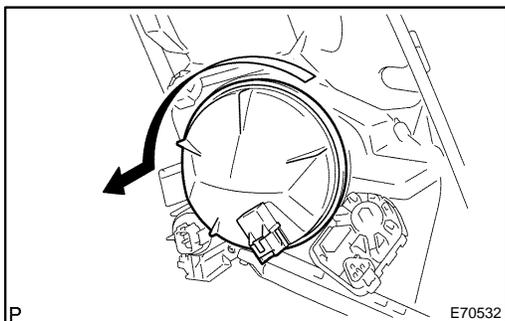
- (a) Turn the headlamp socket cover in the direction indicated by the arrow in the illustration to remove it.



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

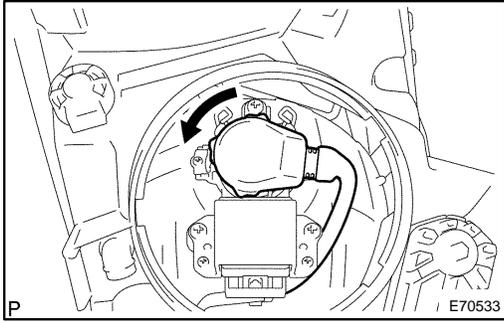
#### NOTICE:

**Do not touch the bulb glass with your fingers.**

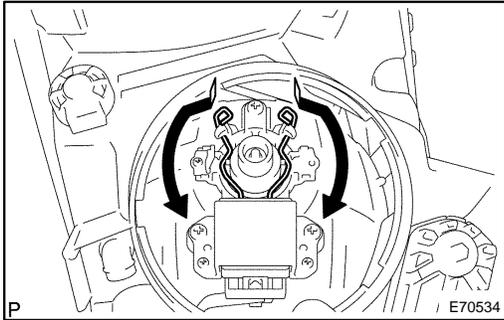


### 6. REMOVE DISCHARGE HEADLAMP BULB (DISCHARGE HEAD LAMP)

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



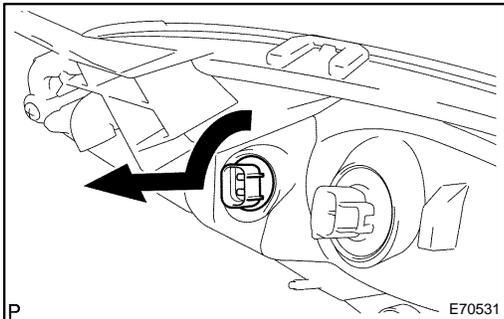
- (b) Turn the headlamp light control computer socket in the direction indicated by the arrow in the illustration to remove it.



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

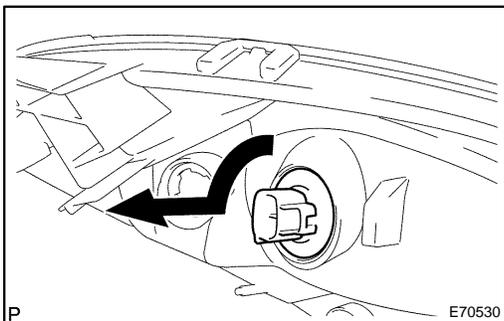
**NOTICE:**

**Do not touch the bulb glass with your fingers.**



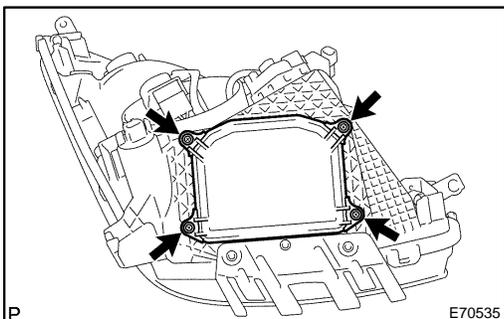
**7. REMOVE CLEARANCE LAMP BULB**

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



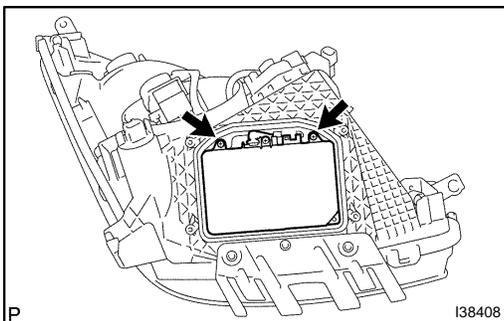
**8. REMOVE FRONT TURN SIGNAL LAMP BULB**

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

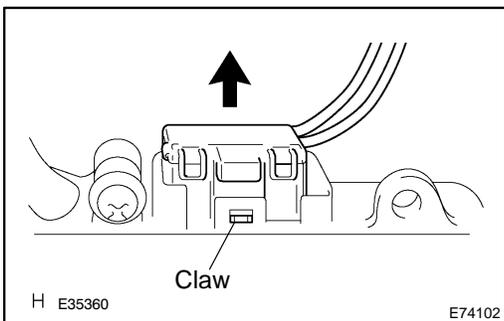


**9. REMOVE HEADLAMP LIGHT CONTROL COMPUTER SUB-ASSY (DISCHARGE HEAD LAMP)**

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



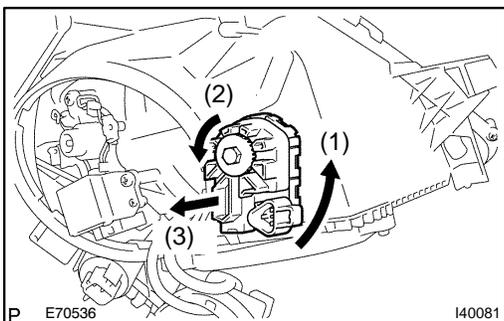
- (b) Remove the 2 screws.



- (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)**

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

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

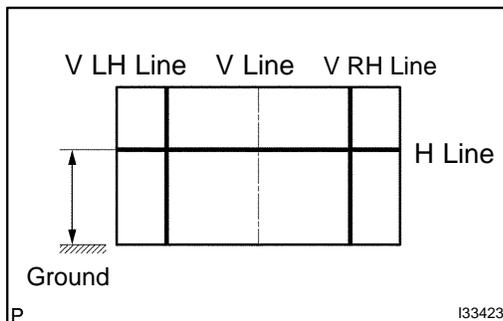
**12. ADJUST FOG LIGHT AIM (SEE PAGE 65-19 )**

## 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.



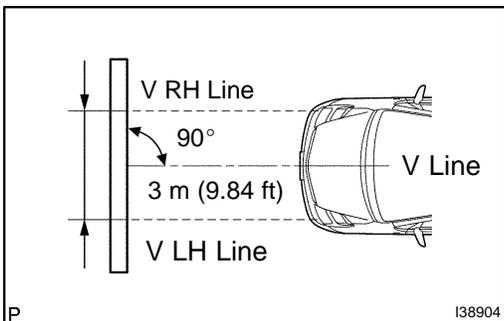
- (b) Prepare a piece of thick white paper (draw base lines).

#### 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.



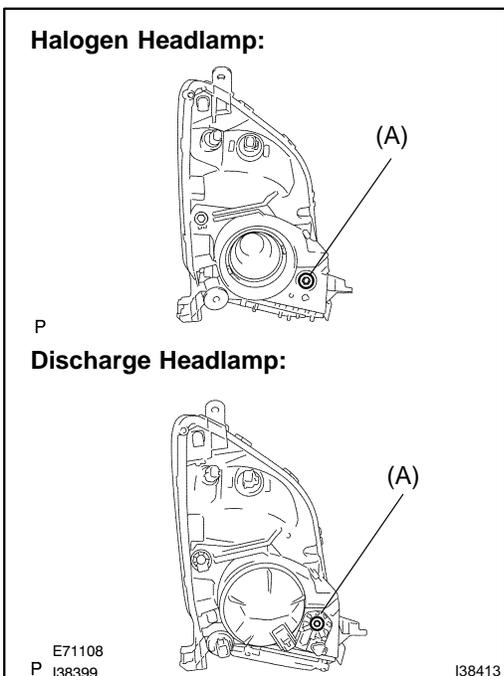
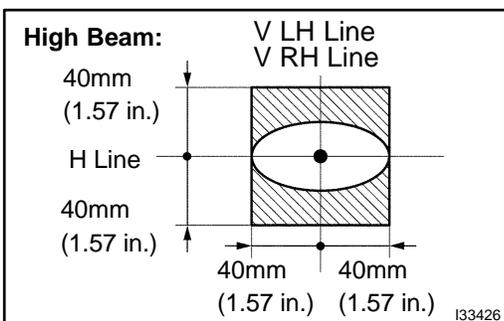
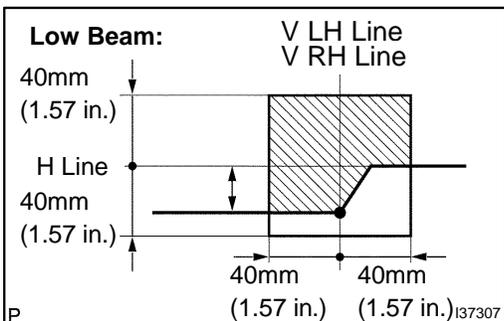
## (c) Check headlamp aim

## (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.

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