

GROUP 54A

CHASSIS ELECTRICAL

GENERAL

OUTLINE OF CHANGES

- As the front bumper was changed, the front fog lamp service procedures have been revised.
- As rear spoiler <sedan> was added, the high mounted stop lamp service procedures have been added.

FOG LAMPS

SERVICE SPECIFICATIONS

Item	Standard value
Fog lamp light aiming check	Illuminates to within 40 metres

ON-VEHICLE SERVICE

FOG LAMP AIMING SERVICE ADJUSTMENT PROCEDURES <VEHICLE WITH LARGE BUMPER>

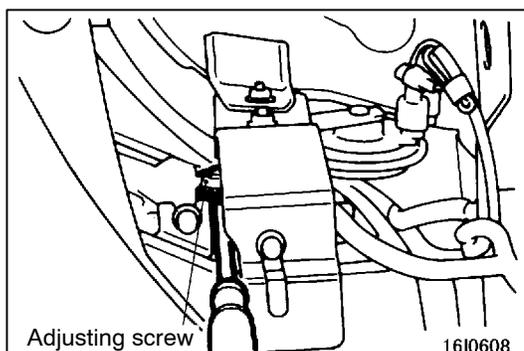
NOTE

The service adjustment procedures for the vehicle with the standard bumper are the same as the existing one. After setting the vehicle to the following condition, adjust the fog lamp aiming.

- Check that the tyre inflation pressure is at the value indicated on the tyre pressure labels.
- Set the vehicle to the unladen condition and park it on a level surface.
- Have a single person (approximately 55 kg) sit in the driver's seat.
- Run the engine at a speed of 2,000 r/min to fully charge the battery.

Turn on the fog lamps and check that the illumination is within the standard value range.

Standard value: Illuminates to within 40 metres



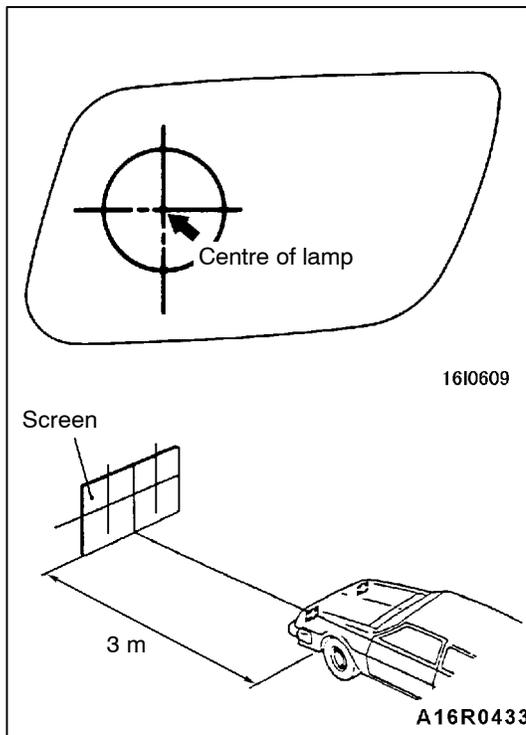
If the value is outside the standard value range, adjust using the adjusting screw.

NOTE

Horizontal adjustment is not possible.

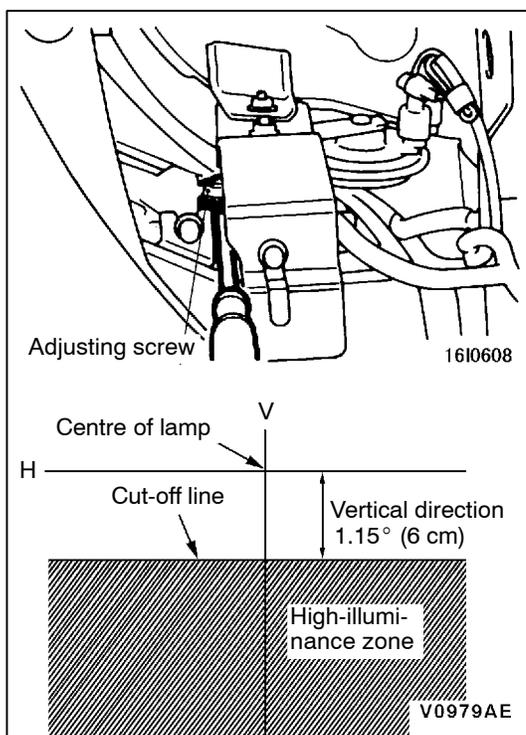
Caution

1. For the fog lamp which is not being measured, disconnect that fog lamp's connector if possible so that it does not illuminate while carrying out the adjustment. Furthermore, make sure that the light axis does not get shifted when re-connecting the connector.
2. The adjustment should always be completed by turning the adjusting screws in the tightening direction.



In addition, the method of checking the light axis on a screen (simple check) is given below.

1. Measure the centre of the fog lamp as shown in the illustration.
2. Place the screen so that it is directly opposite the centre of the fog lamp at a distance of 3 metres, and turn on the fog lamps.



3. Turn the adjusting screw to adjust so that the position of the cut-off line (light/dark border line) is the standard value.

NOTE

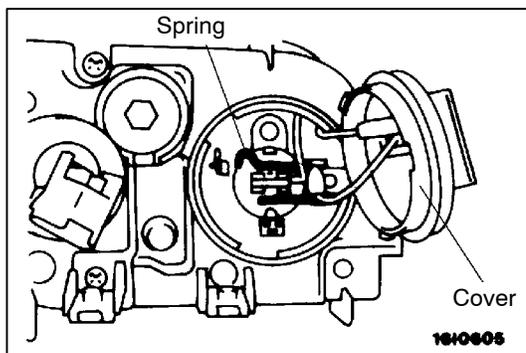
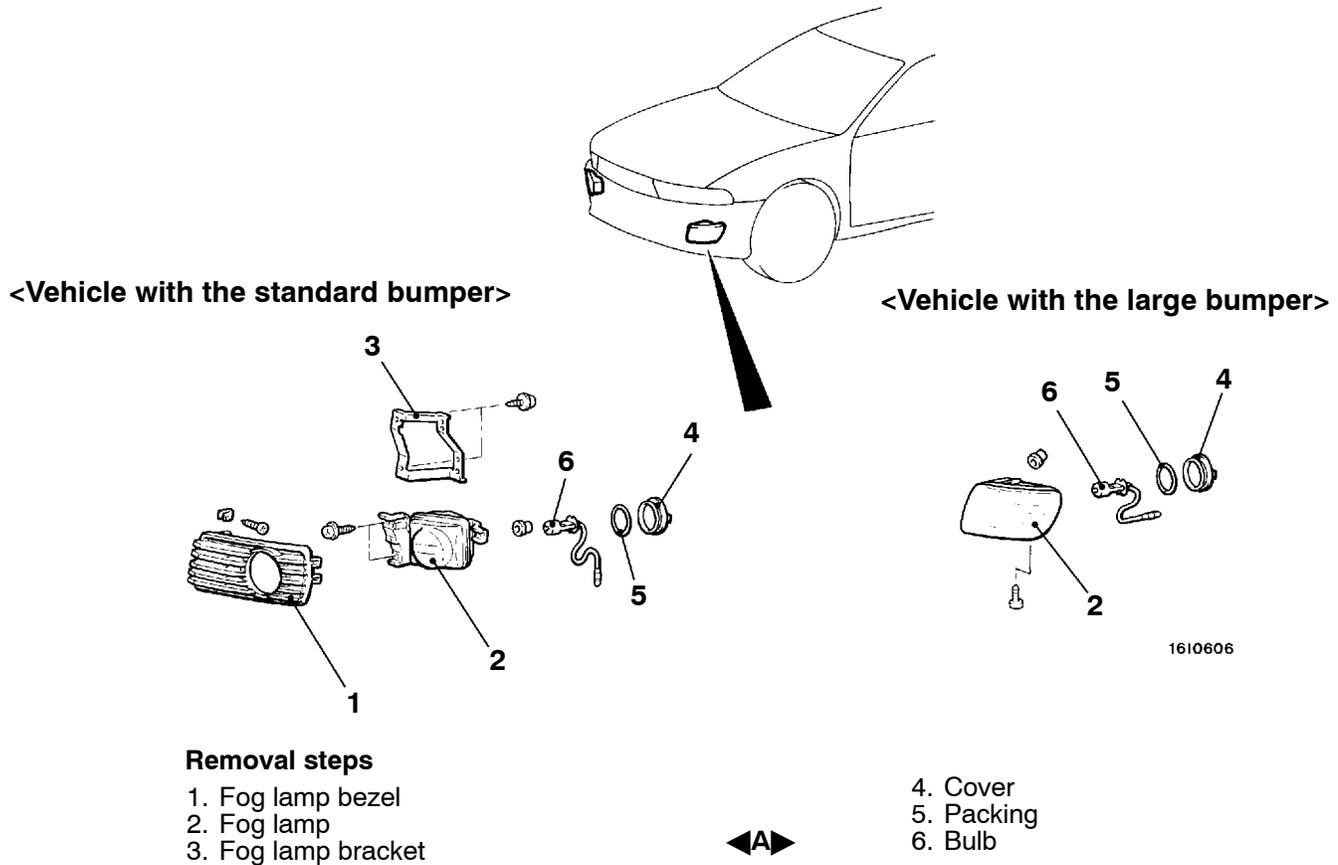
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Caution

- (1) For the fog lamp which is not being measured, disconnect that fog lamp's connector if possible so that it does not illuminate while carrying out the adjustment. Furthermore, make sure that the light axis does not get shifted when re-connecting the connector.
- (2) The adjustment should always be completed by turning the adjusting screws in the tightening direction.

FOG LAMPS

REMOVAL AND INSTALLATION



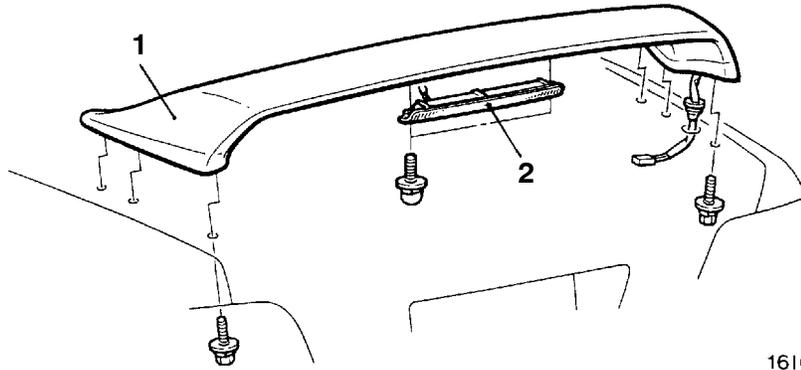
REMOVAL SERVICE POINTS

◀A▶ **BULB REMOVAL**

Remove the bulb retainer spring, and then take out the bulb.

Caution

1. Only the specified genuine bulbs should be used.
2. Do not touch the surface of the bulb with bare hands or with dirty gloves. If the surface (glass section) should become dirty, clean it immediately with alcohol or thinner, and let it dry thoroughly before installing it.
3. Make sure to fit the cover securely to avoid improper installation, which could cause cloudiness on the lens or water intrusion into the lamp unit.

**HIGH-MOUNTED STOP LAMP <VEHICLE WITH REAR SPOILER>
REMOVAL AND INSTALLATION**

1610016

Removal steps

1. Rear spoiler
2. High-mounted stop lamp