

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2006 JEEP Grand Cherokee OEM Service and Repair Workshop Manual

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- On vehicles equipped with Digital Rearview Mirror (DRVM): If the CHMSL is replaced and the existing camera is reused, the DRVM will need to be reset. ***Press and hold the plus and minus (right and left menu adjust) buttons for 15 seconds ± 5 seconds .***

Sample

1 - Fasteners
2 - Wire Harness Connector
3 - Fog Lamp Assembly

2. Disconnect the wire harness connector.

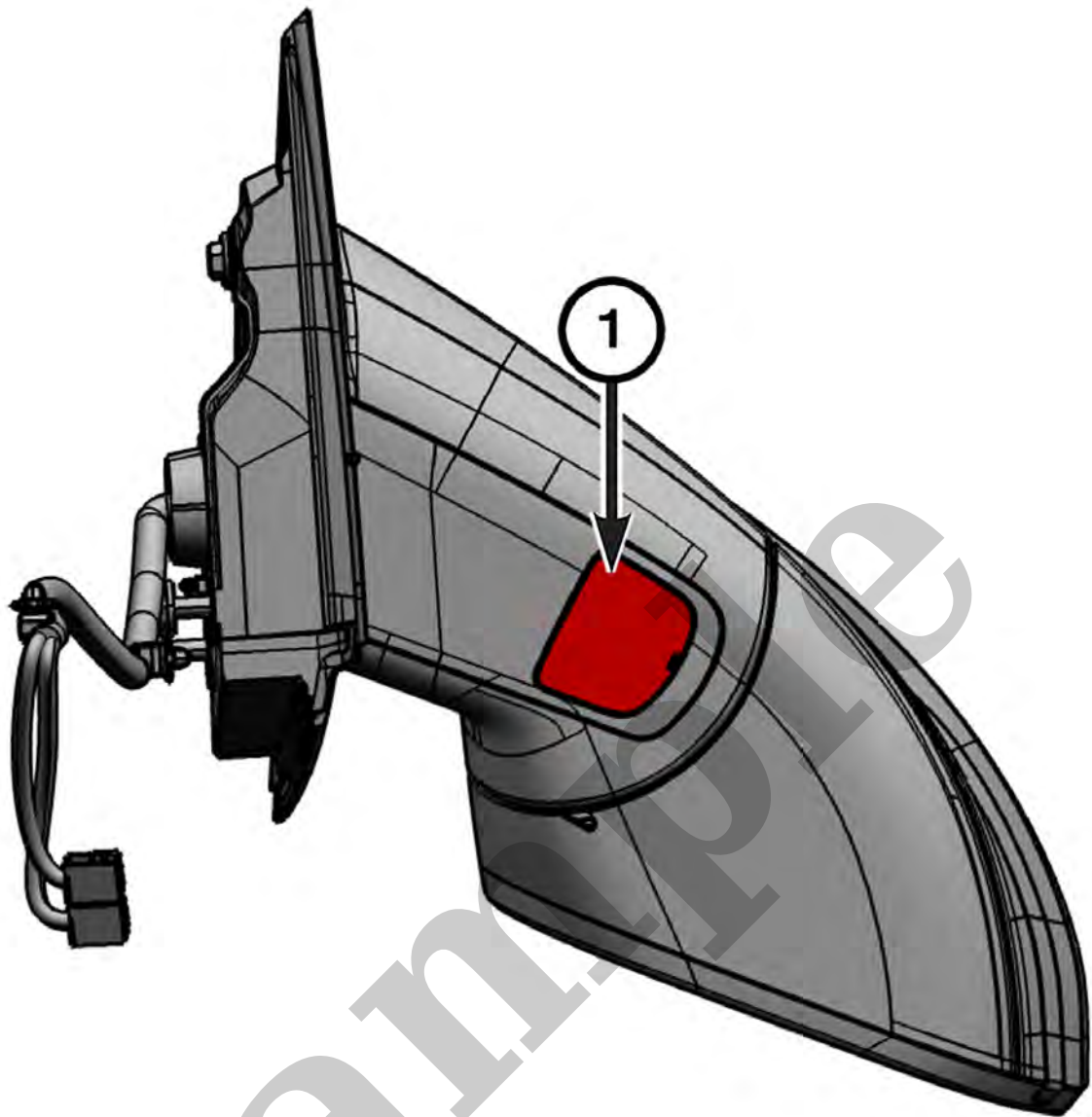
3. Remove the fasteners and remove the fog lamp assembly from the front fascia.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Tighten the fasteners securely.

Sample



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1 - Puddle Lamp

1. Using a flat blade screwdriver or equivalent, insert the blade in the slot and gently pry upward to remove the puddle lamp located below the outside rearview mirror.
2. Disconnect the wire harness connector from the lamp.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle.

Side Marker Lamp

SIDE MARKER LAMP

REMOVAL

NOTE

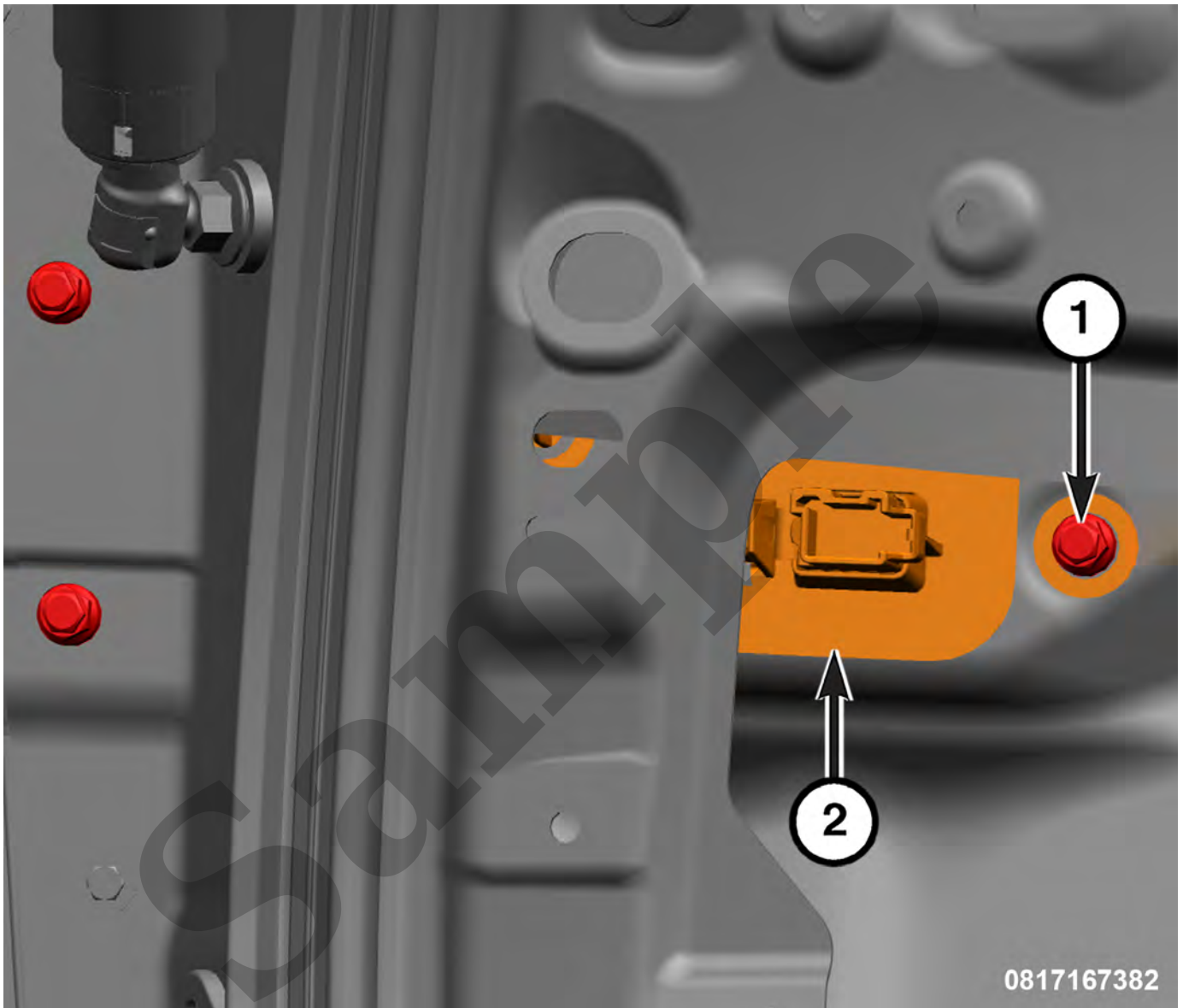
The side marker lamps are integral to the front fascia forward of each front wheel opening.

1. Remove enough of the fasteners that secure the front wheel house splash shield to the front fascia to gain access to the back of the side marker lamp housing ([Refer to Body/Exterior/SHIELD, Splash/Removal and Installation](#)) .

1 - Wire Harness Connector

2 - Inner Tail Lamp

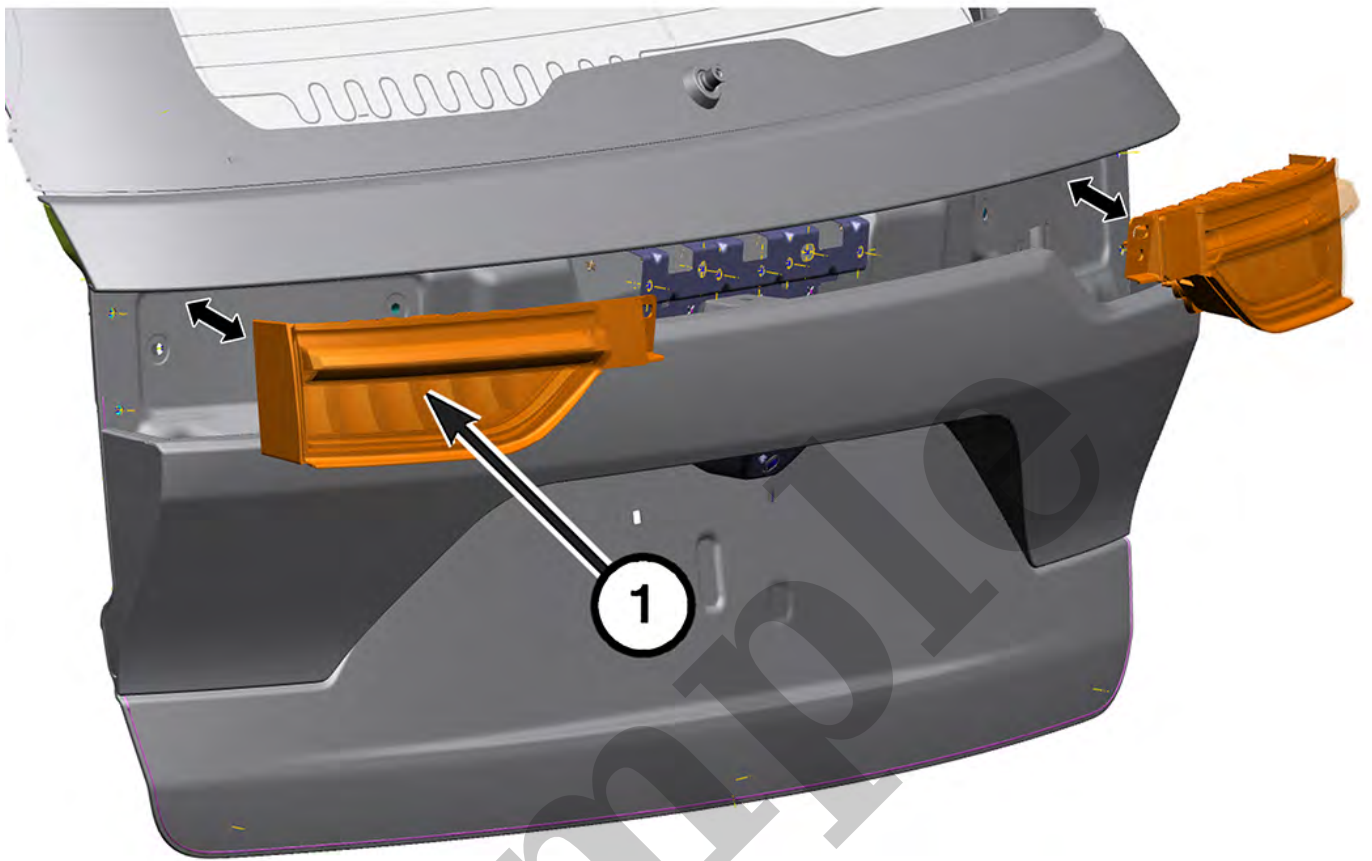
2. Disconnect the wire harness connector from the inner tail lamp.



1 - Fasteners

2 - Inner Tail Lamp

3. Remove the fasteners securing the inner tail lamp to the liftgate.



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1 - Inner Tail Lamp

5. Disengage the clip and remove the inner tail lamp from the liftgate.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Tighten the fasteners securely.

Front Lamp Aiming

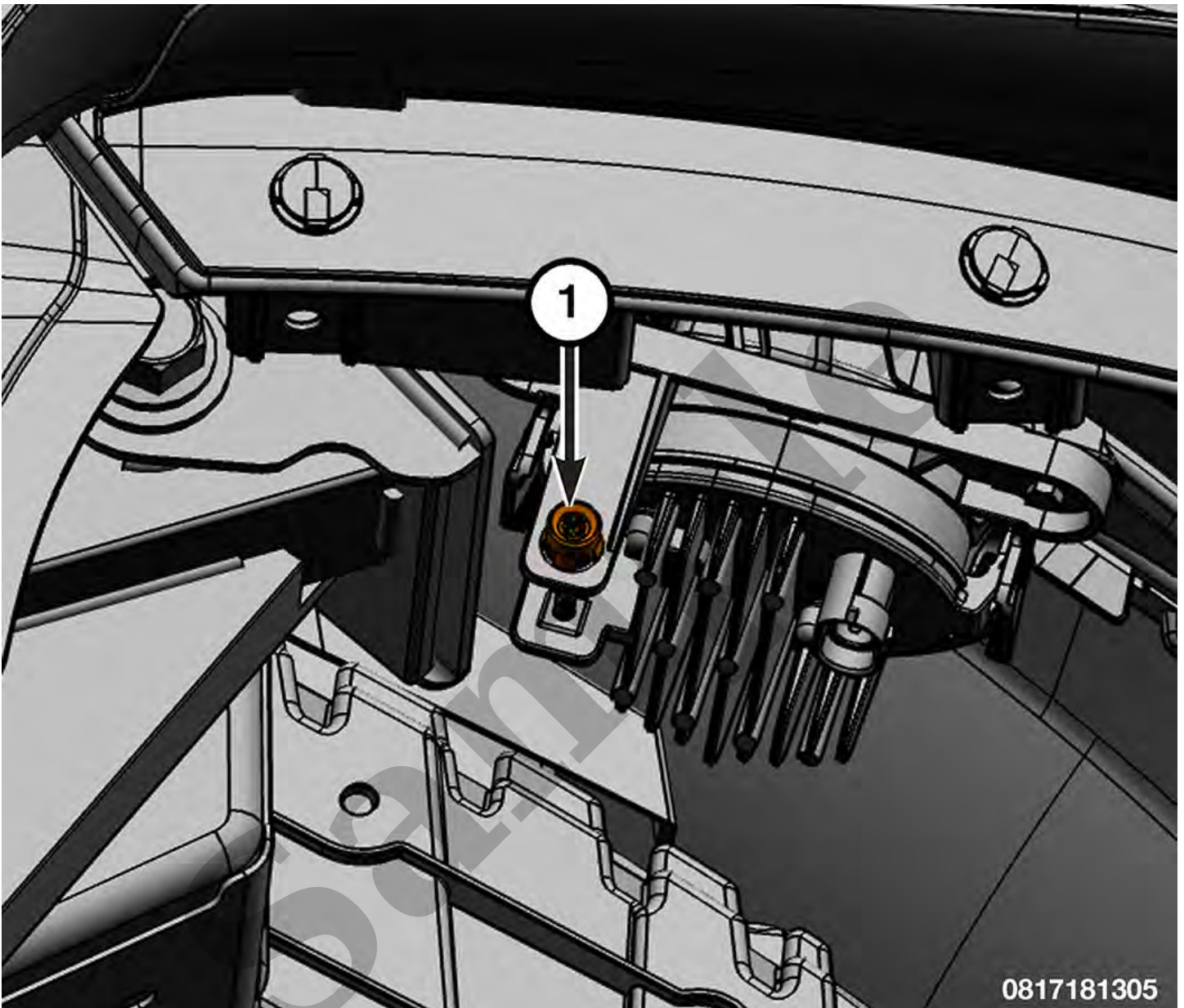
FRONT LAMP AIMING

VEHICLE PREPARATION FOR LAMP ALIGNMENT

1. Check for and correct any burnt out bulbs.
2. Repair or replace any ineffective, worn or damaged body or suspension components that could hinder proper lamp alignment.
3. Verify proper tire inflation pressures.
4. Remove any accumulations of mud, snow or ice from the vehicle underbody and clean the front lamp lenses.
5. Verify that there is no load in the vehicle (cargo or passengers), except for the driver.
6. The fuel tank should be FULL. Add 2.94 kilograms (6.5 pounds) of weight over the fuel tank for each estimated gallon of missing fuel.
7. Verify correct vehicle suspension height.

LAMP ALIGNMENT SCREEN PREPARATION

A properly aimed front fog lamp will project a pattern on the alignment screen 10 centimeters (4.0 inches) below the fog lamp centerline and straight ahead of the lamp.



1 - Thumbwheel Screw

1. Turn the fog lamps ON.
2. Rotate the thumbwheel screw located behind the bumper on the back of each fog lamp unit to adjust the beam height as required.



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3 - Headlamp with Water Droplets

Headlamp with water droplets.

If the condensation or fogging has not begun to clear after 60 minutes with the lamps operating, or the lamp has large amounts of water droplets visible on most internal surfaces, this indicates a problem with the lamp sealing that has allowed water to enter the lamp. In this instance, the customer is also likely to report that moisture in the lamp is always present and never disappears. A lamp that exhibits internal moisture permanently should be replaced.