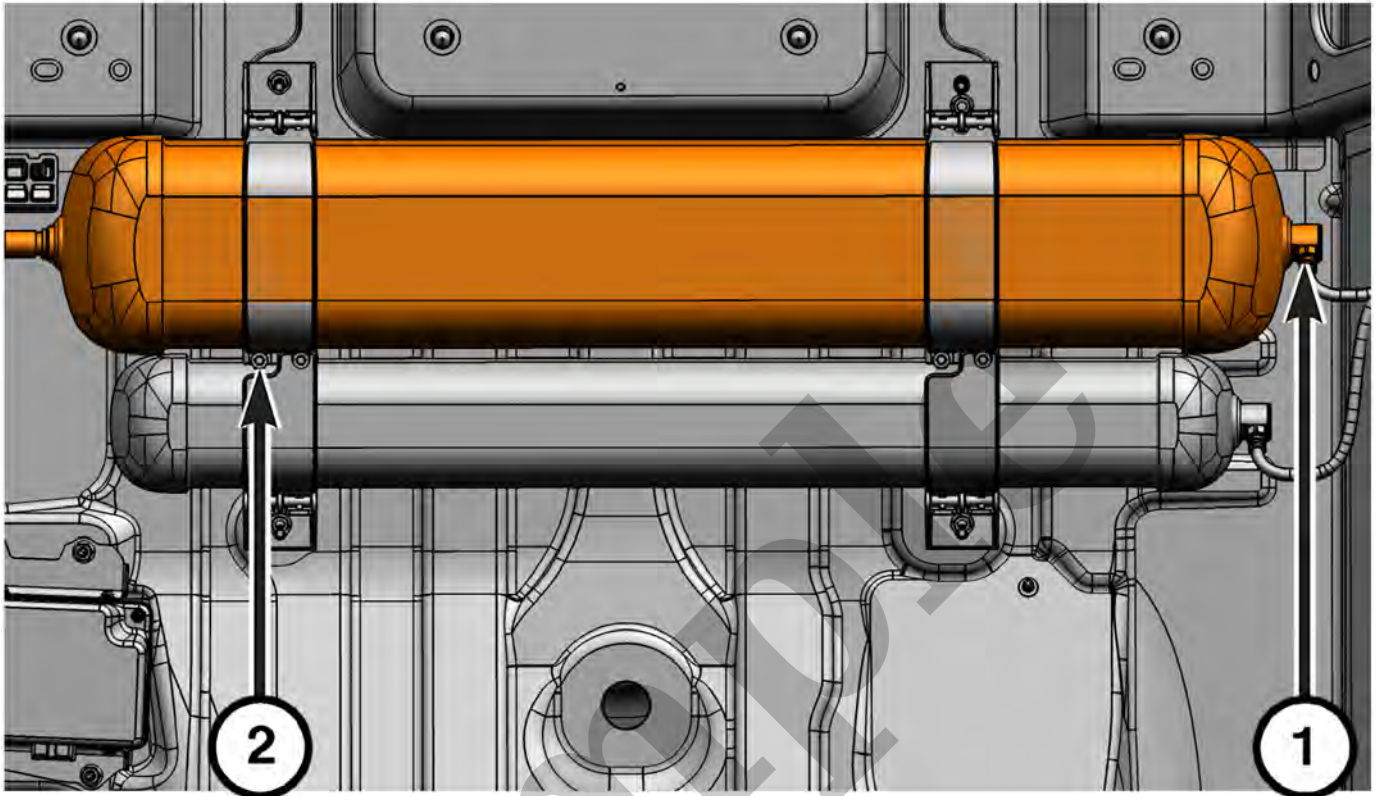


Your Ultimate Source for OEM Repair Manuals

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.

2016 Jeep Cherokee Service and Repair Manual

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0204165455

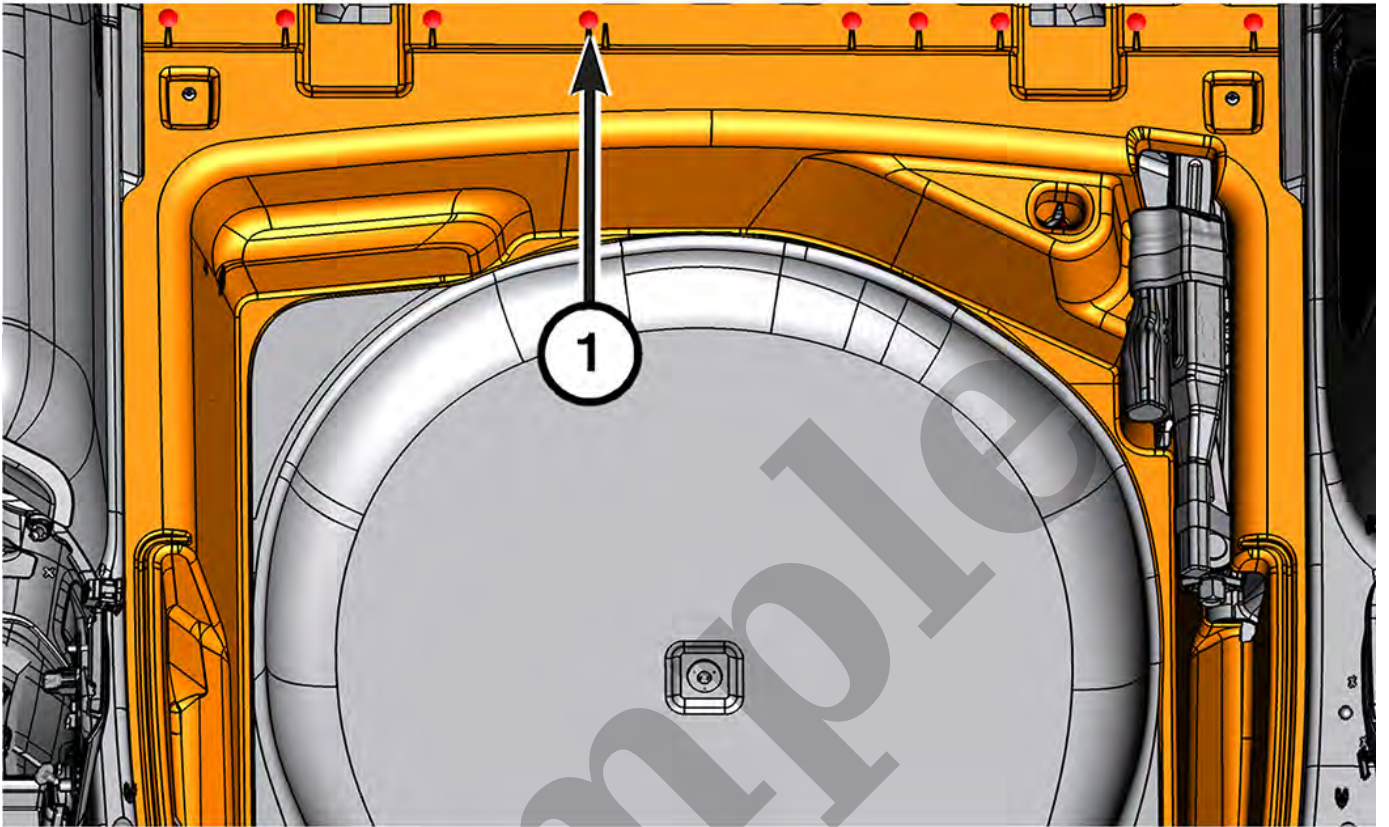
1 - Air Reservoir Line Nut

2 - Air Reservoir Strap Bolts

5. Disconnect the primary air reservoir line nut from the primary air reservoir.
6. Remove the primary air reservoir strap bolts.
7. Remove the primary air reservoir straps.
8. Remove the primary air reservoir.

INSTALLATION

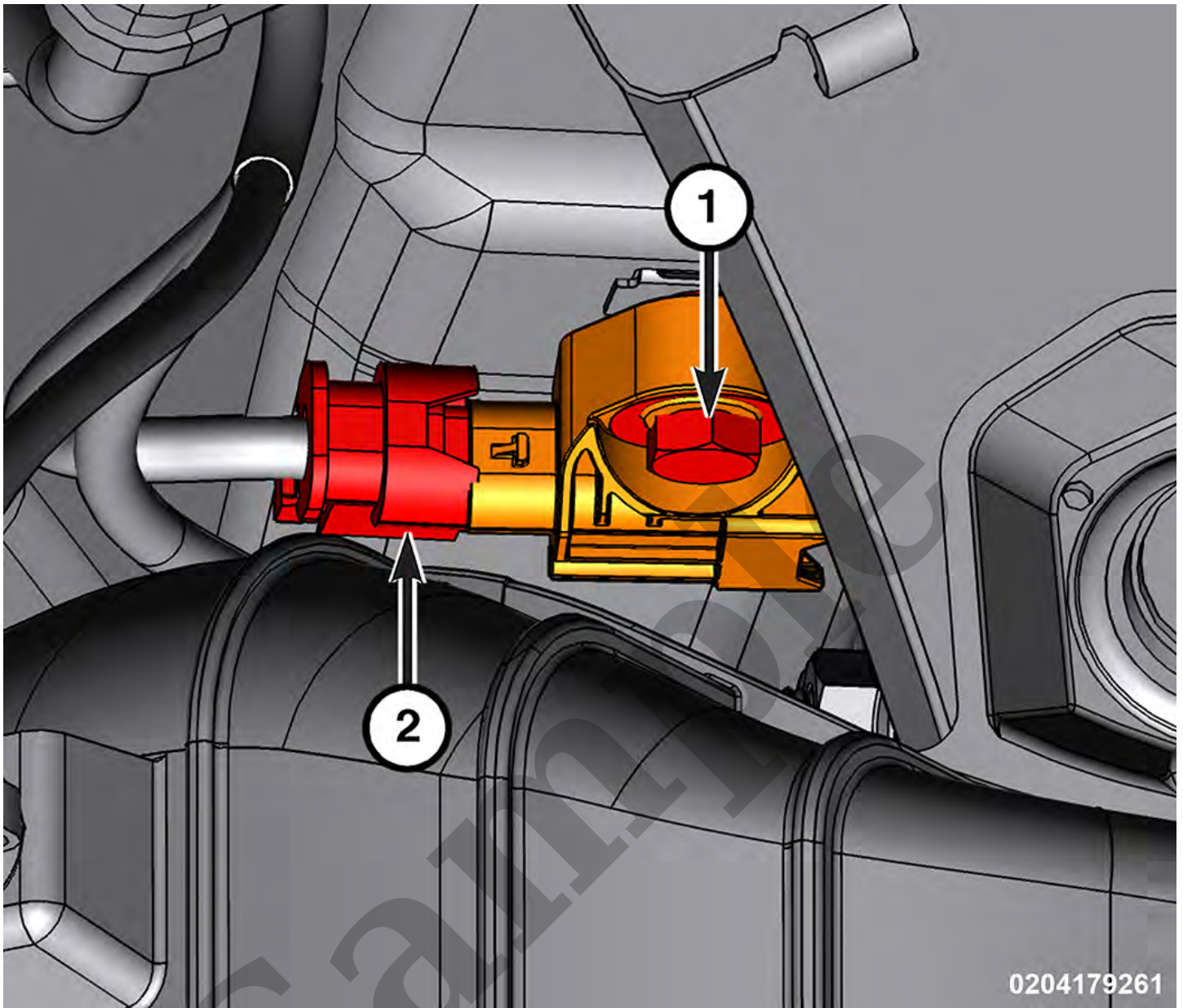
Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.



0204186698

1 - Trim Fasteners

5. Remove the trim fasteners and remove the trim panel.



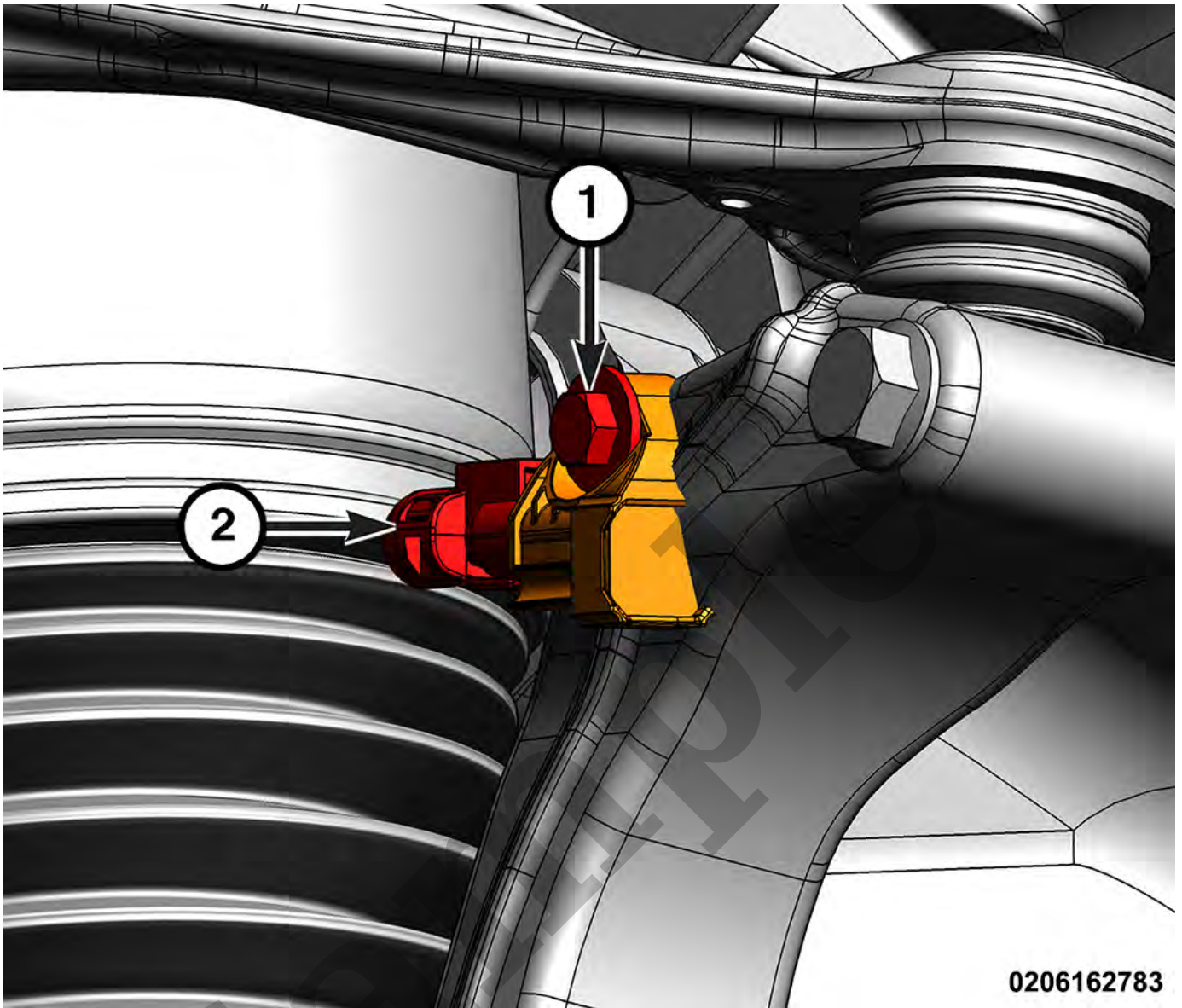
1 - Active Damping Sensor Bolt

2 - Wire Harness Connector

1. Disconnect the active damping sensor wire harness connector.
2. Remove the active damping sensor bolt.
3. Remove the active damping sensor.

INSTALLATION

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



0206162783

1 - Active Damping Sensor Bolt

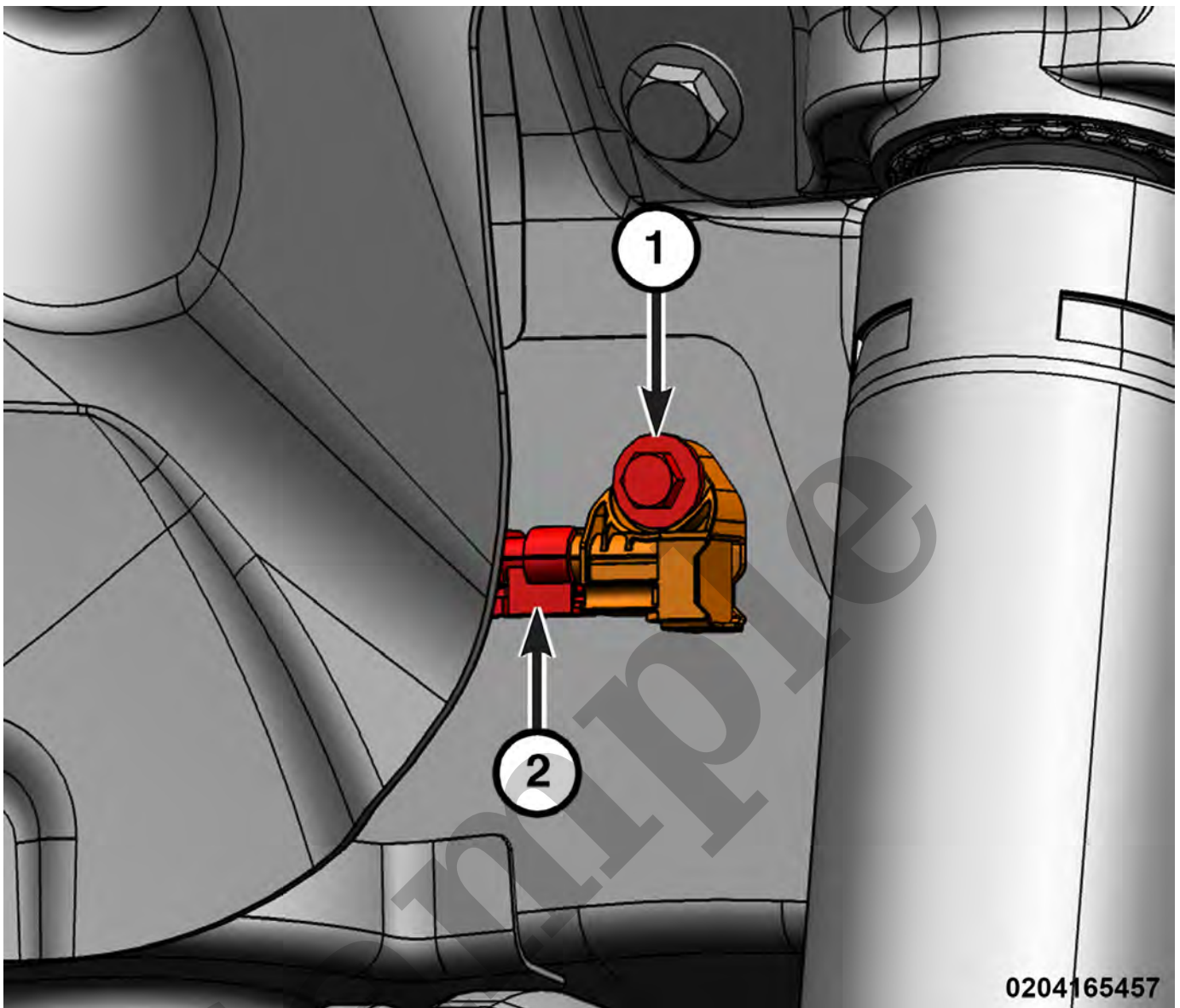
2 - Wire Harness Connector

2. Disconnect the active damping sensor wire harness connector.
3. Remove the active damping sensor bolt.
4. Remove the active damping sensor.

INSTALLATION

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

TORQUE SPECIFICATIONS - SENSORS



1 - Active Damping Sensor Bolt

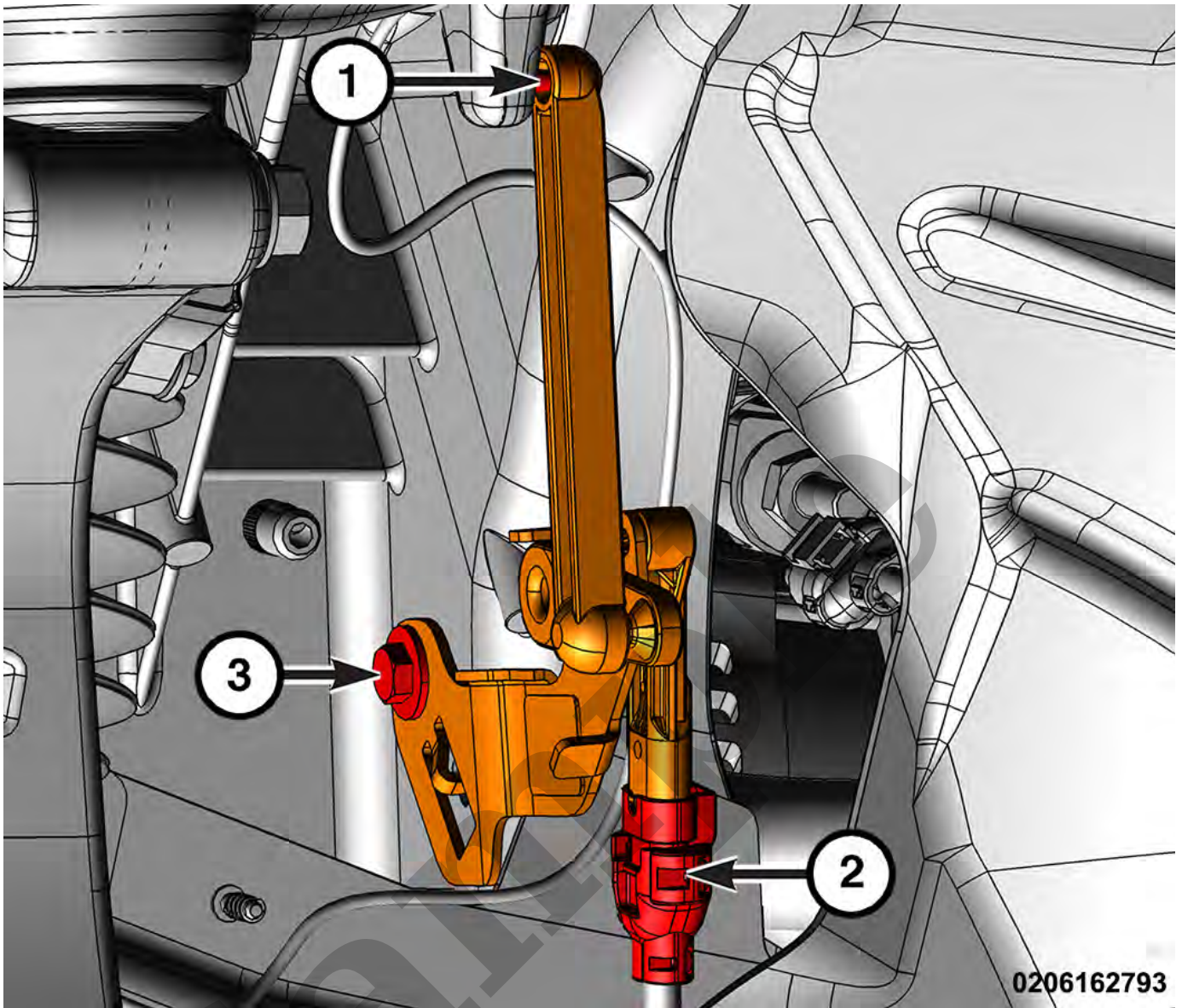
2 - Wire Harness Connector

2. Disconnect the active damping sensor wire harness connector.
3. Remove the active damping sensor bolt.
4. Remove the active damping sensor.

INSTALLATION

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

TORQUE SPECIFICATIONS - SENSORS



1 - Upper Control Arm Ball Stud

2 - Wire Harness Connector

3 - Height Sensor Bolt

3. Disconnect the front height sensor wire harness connector.
4. Disengage the front height sensor rod from the upper control arm ball stud.
5. Remove the front height sensor bolt.
6. Remove the front height sensor, bracket, and link.

INSTALLATION

Height Sensor - Rear

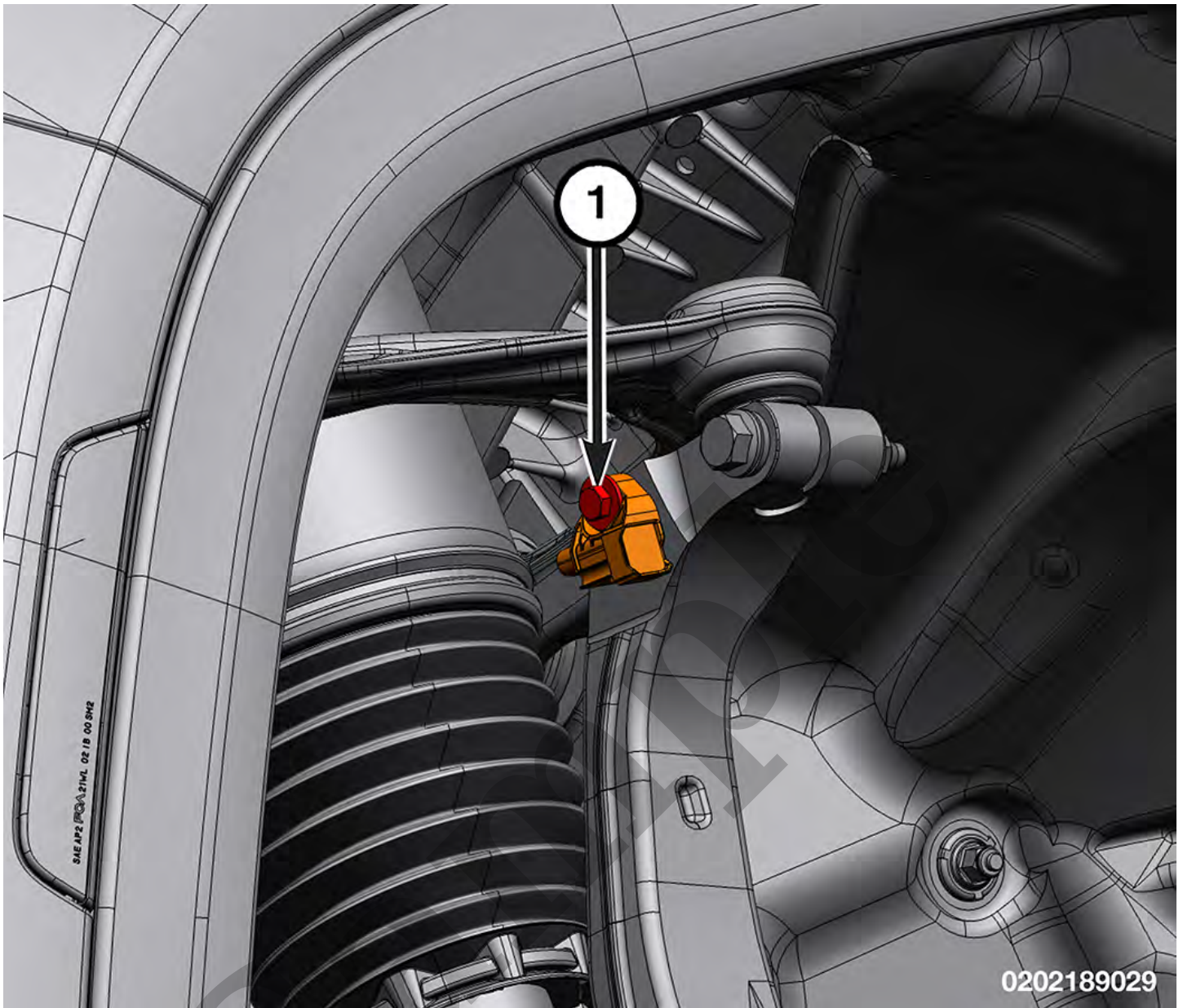
HEIGHT SENSOR - REAR

REMOVAL

NOTE

The air suspension system can be disabled and enabled by using the Display Screen Module (DSM) in the vehicle under Tire Jack Mode, which is the preferred method. If the disable level control routine in the diagnostic scan tool is used, it will only disable the level control (automatic and manual) for that ignition cycle. The air suspension system can also be enabled by driving the vehicle above 19 km/h (12 mph). The air suspension must be disabled prior to lifting the vehicle or performing any work.

1. Disable the air suspension system ([Refer to 02 - Front Suspension/Air Suspension/Standard Procedure](#)).
2. Raise and support the vehicle ([Refer to Vehicle Quick Reference/Hoisting - Standard Procedure](#)).
3. Remove the tire and wheel assembly ([Refer to Tires and Wheels/Removal and Installation](#)).



CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Active Damping Sensor Bolt	9 N·m (80 In. Lbs.)	—

- Deflate Reservoir To Atmosphere

Air Suspension Spring, Shock, Or Air Line

- Disable Level Control
- Run the Spring Deflate To Reservoir routine on the air suspension spring, shock, or line to be serviced

3. Access the air line as necessary so that approximately 305 mm (12.0 in.) of line is accessible around the damaged area.

4. Clean the air line with mild soapy water and thoroughly dry it.

NOTE

Care must be taken when cutting the air line so that no ridge is created on the surface of the air line and that the air line is not crushed into an oval shape, or the air line adapter O-ring will not hold pressure.

5. Using air line cutters, carefully cut the air line on each side of the damaged area removing no more than 7 mm (0.275 in.).

