

# Your Ultimate Source for OEM Repair Manuals

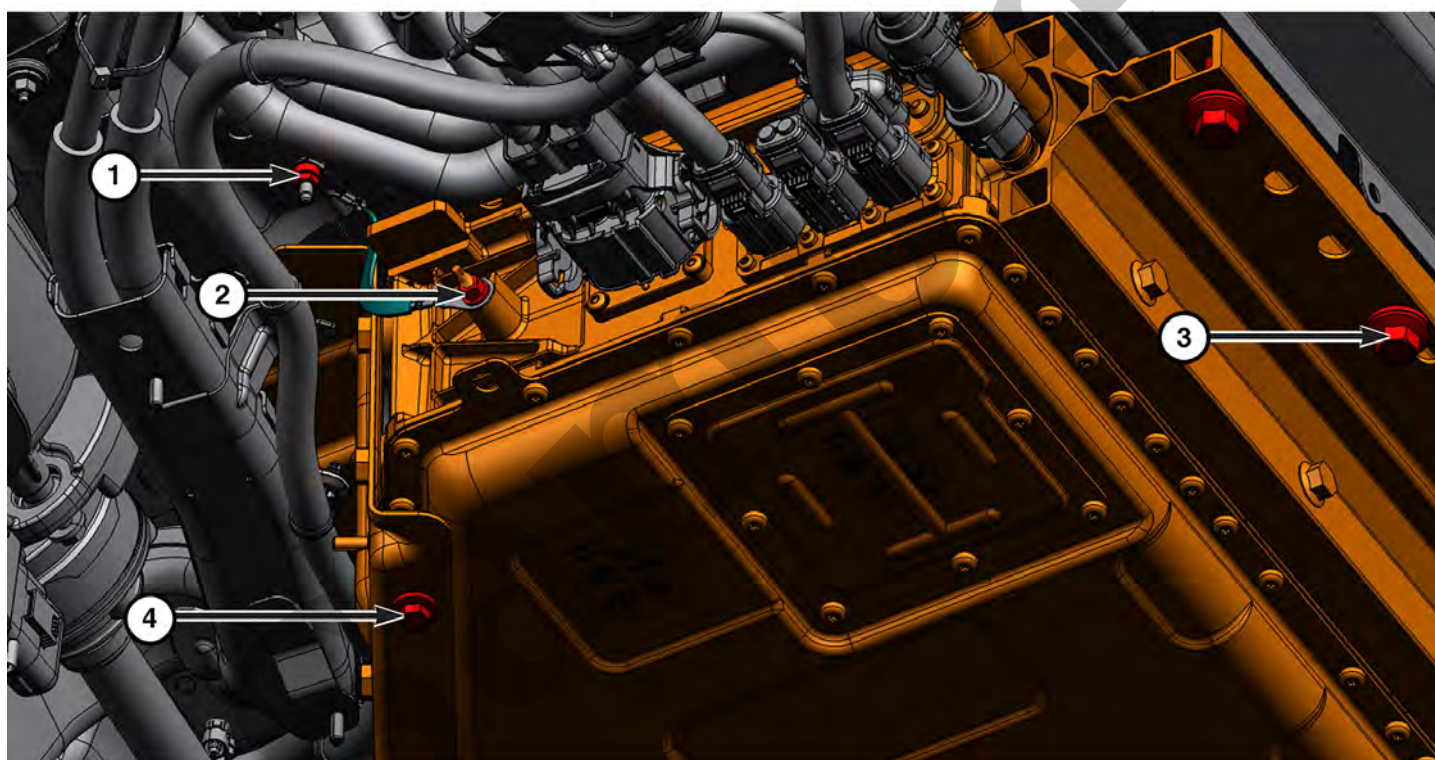
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2015 Jeep Renegade Service and Repair Manual

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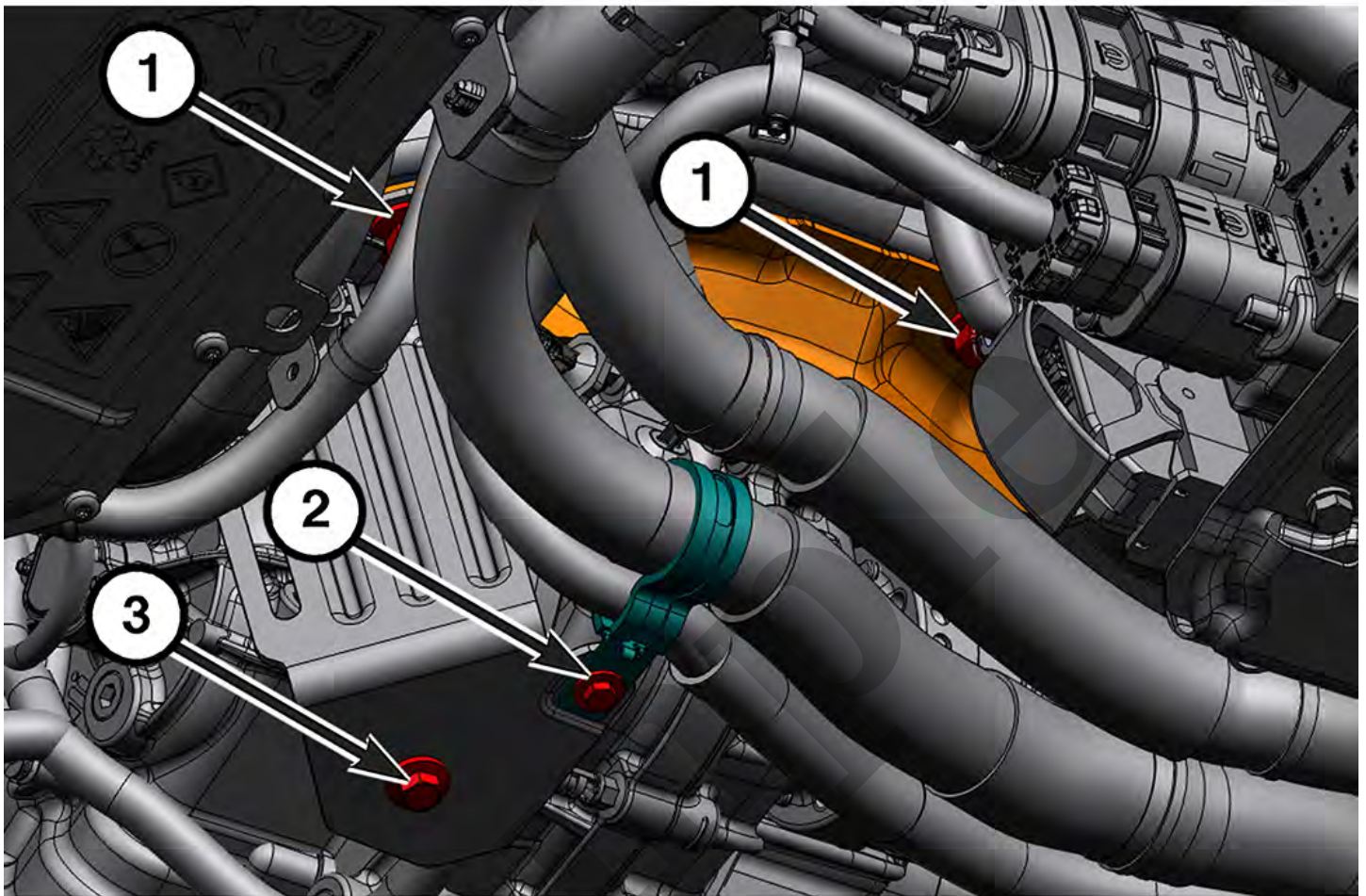
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
-	Low Temp Coolant Pump Screw	<b>5 N·m (44 In. Lbs.)</b>	-
-	Low Temp Coolant Pump 2 Nuts	<b>8 N·m (71 In. Lbs.)</b>	-
-	Low Temp Pressurized Coolant Bottle Nut	<b>7 N·m (62 In. Lbs.)</b>	-

## TORQUE SPECIFICATIONS - HIGH VOLTAGE BATTERY AND CABLES



1202194159

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	High Voltage Battery Chassis Ground Cable to Body	<b>9 N·m (80 In. Lbs.)</b>	-
2	High Voltage Battery Chassis Ground Cable to Battery	<b>9 N·m (80 In. Lbs.)</b>	-
3	High Voltage Battery to Underbody	<b>80 N·m (59 Ft. Lbs.)</b>	-
4	Skidplate to Battery	<b>25 N·m (18 Ft. Lbs.)</b>	

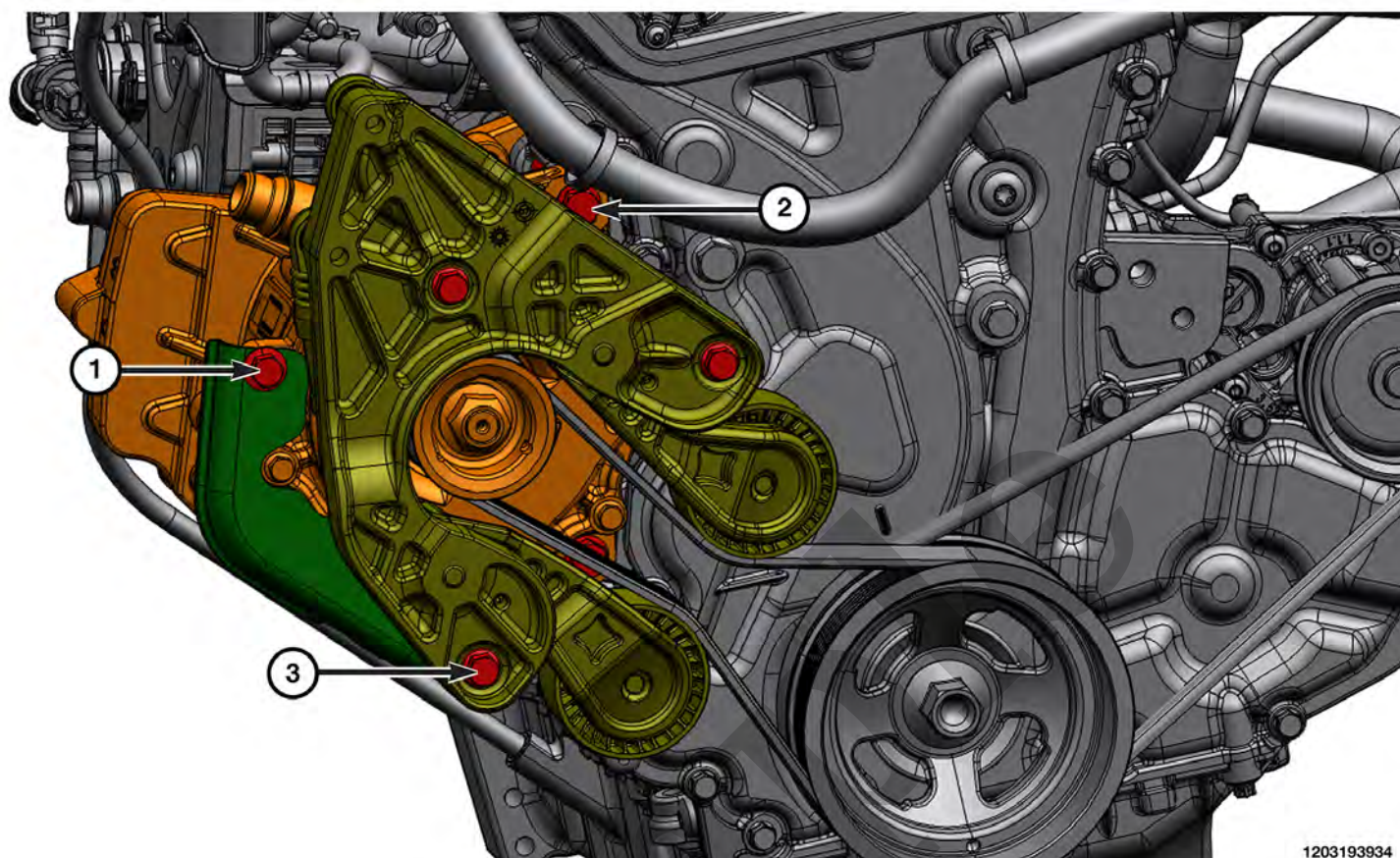


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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	LV Connector Blocker Bracket to Body	25 N·m (18 Ft. Lbs.)	–
2	High Voltage Harness to Skidplate	8 N·m (71 In. Lbs.)	–
3	Tcase Skid Plate to Support Bracket	18 N·m (13 Ft. Lbs.)	–
–	Charging Port Ground Eyelet	9 N·m (80 In. Lbs.)	–
–	Charging Port Wire Harness Trough	2 N·m (17 In. Lbs.)	–
–	High Voltage Battery Fuse Service Door Nuts	4 N·m (35 In. Lbs.)	–



## TORQUE SPECIFICATIONS - MOTOR/GENERATOR UNIT (MGU)



1203193934

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Blocker Bracket to MGU	24 N·m (18 Ft. Lbs.)	–
2	MGU Mounting Bolt	48 N·m (35 Ft. Lbs.)	–
3	MGU Belt Tensioner to MGU	25 N·m (18 Ft. Lbs.)	–
–	MGU Harness to Floor Bolt	8 N·m (71 In. Lbs.)	–
–	MGU Harness to Bracket Bulkhead Nut	11 N·m (8 Ft. Lbs.)	–
–	MGU Harness to Bracket Nut	11 N·m (8 Ft. Lbs.)	–
–	MGU Harness Trough to Transmission Nuts	5 N·m (44 In. Lbs.)	–
–	MGU Harness Trough to Transmission Bolt	8 N·m (71 In. Lbs.)	–
–	MGU Harness Trough to Transmission Stud-bolt	10 N·m (7 Ft. Lbs.)	–

## Intermediate Shaft Bearing

### INTERMEDIATE SHAFT BEARING

#### REMOVAL

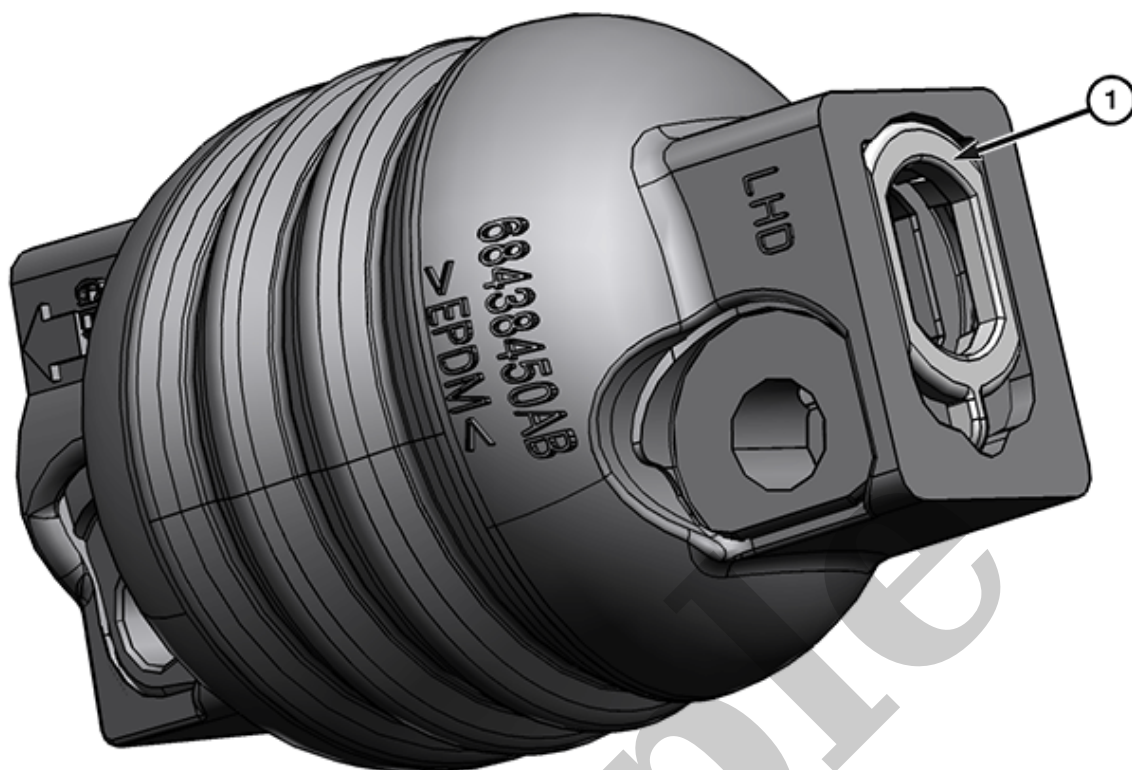
##### CAUTION

Anytime the Steering Column Control Module (SCCM) is mounted on the steering column the steering shaft must be kept from turning or else SCCM damage will occur. Some vehicles do not have an internal lock mechanisms, so the steering column shaft must be preventing from rotating through use of a suitable tool.

1. Secure the steering wheel to prevent it from turning.
2. Disconnect the intermediate shaft from the steering column ([Refer to Steering/Column/SHAFT, Intermediate/Removal and Installation](#)).

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Steering Column Boot Nuts	8 N·m (71 In. Lbs.)	—

Sample



0204199743

1 - Intermediate Shaft Coupling White Clip

8. Be sure to keep the intermediate shaft coupling white clip in place as shown.

## INSTALLATION

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

- The white clip **MUST** be in place in the upper end of the coupling to ensure proper insertion depth of the intermediate shaft.

## TORQUE SPECIFICATIONS - STEERING COLUMN

## 3.6L LHD And 5.7L LHD

### 3.6L LHD AND 5.7L LHD

#### REMOVAL

##### CAUTION

Anytime the Steering Column Control Module (SCCM) is mounted on the steering column the steering shaft must be kept from turning or else SCCM damage will occur. Some vehicles do not have an internal lock mechanisms, so the steering column shaft must be preventing from rotating through use of a suitable tool.

1. Secure the steering wheel to prevent it from turning.
2. Remove the engine cover.
3. Remove the air intake resonator ([Refer to Engine/Air Intake System/RESONATOR, Air Cleaner/Removal and Installation](#)).
4. Remove the air cleaner body ([Refer to Engine/Air Intake System/AIR CLEANER/Removal and Installation](#)) ([Refer To List 1](#)).
5. Remove the air intake tube ([Refer to Engine/Air Intake System/TUBE, Intake Air/Removal and Installation](#)) ([Refer To List 2](#)).



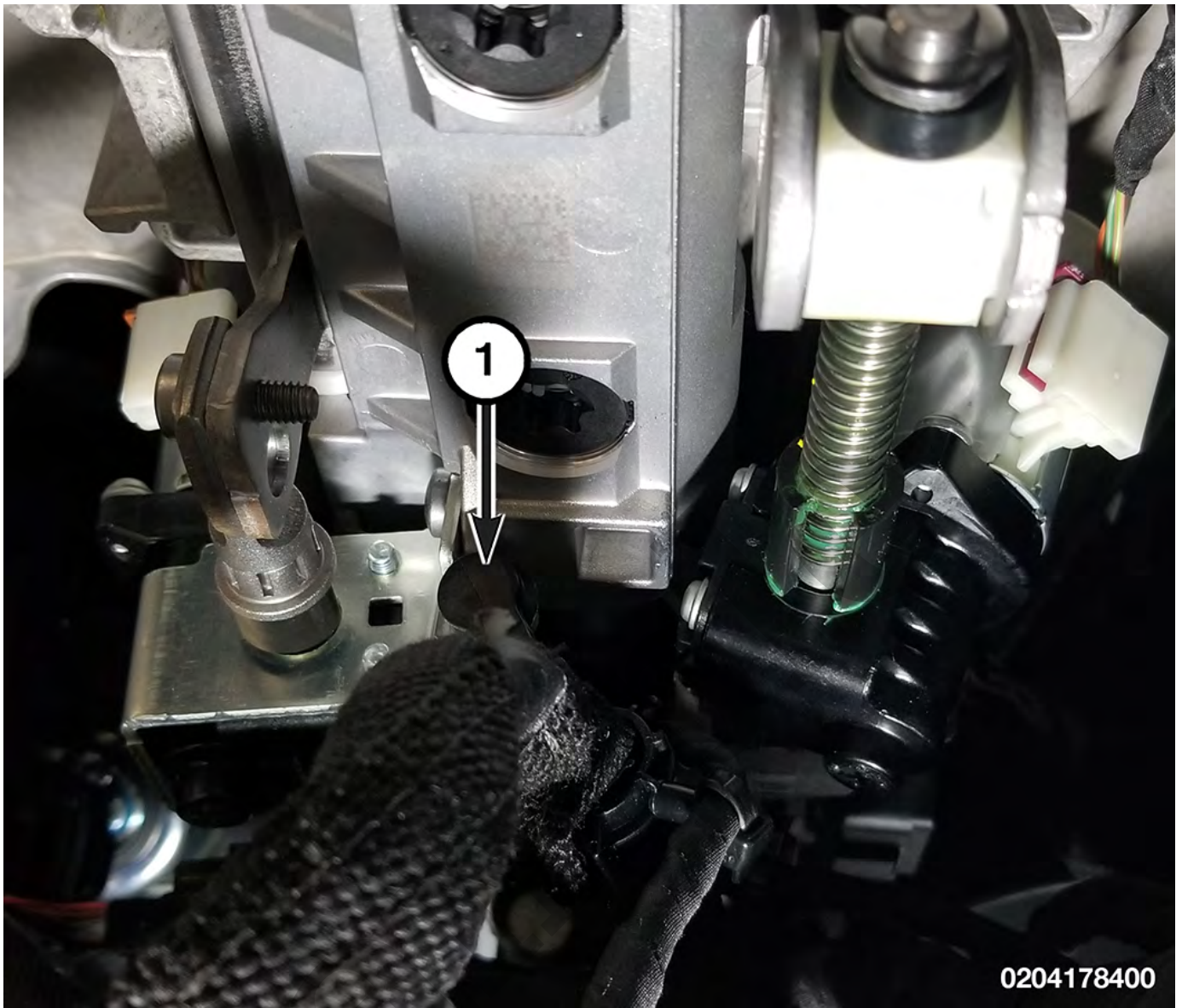
YOUR CURRENT VEHICLE

## Diagnosis And Testing

### DIAGNOSIS AND TESTING

#### NOTE

If the vehicle is involved in a collision where the airbag has been deployed or the steering wheel deformed, then steering column replacement is required.



1 - Wire Harness Routing Clip

10. Disconnect the wire harness routing clip.