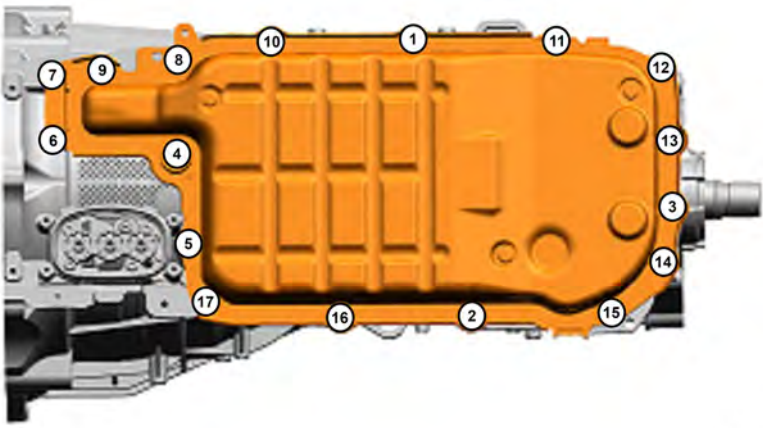


Your Ultimate Source for OEM Repair Manuals

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.

2017 JEEP Wrangler Rubicon OEM Service and Repair Workshop Manual

[Go to manual page](#)

DESCRIPTION	SPECIFICATION	COMMENT
Park Pawl Lock Rod Guide Plate Bolt	10 N·m (89 In. Lbs.)	—
Park Pawl Shaft Plug	35 N·m (26 Ft. Lbs.)	—
Starter Cover Lower Bolt	25 N·m (18 Ft. Lbs.)	—
Starter Cover Upper Bolt	25 N·m (18 Ft. Lbs.)	—
Torsional Damper Bolts	105 N·m (77 Ft. Lbs.)	—
Transmission Oil Cooler Line To Transmission Bolt	11 N·m (8 Ft. Lbs.)	—
Transmission Oil Cooler Line Bracket to Engine Oil Pan Bolt	30 N·m (22 Ft. Lbs.)	—
Transmission Oil Pan Bolt	11 N·m (8 Ft. Lbs.)	<p>Tightening Sequence</p> 

YOUR CURRENT VEHICLE

Transmission

TRANSMISSION



0811094727

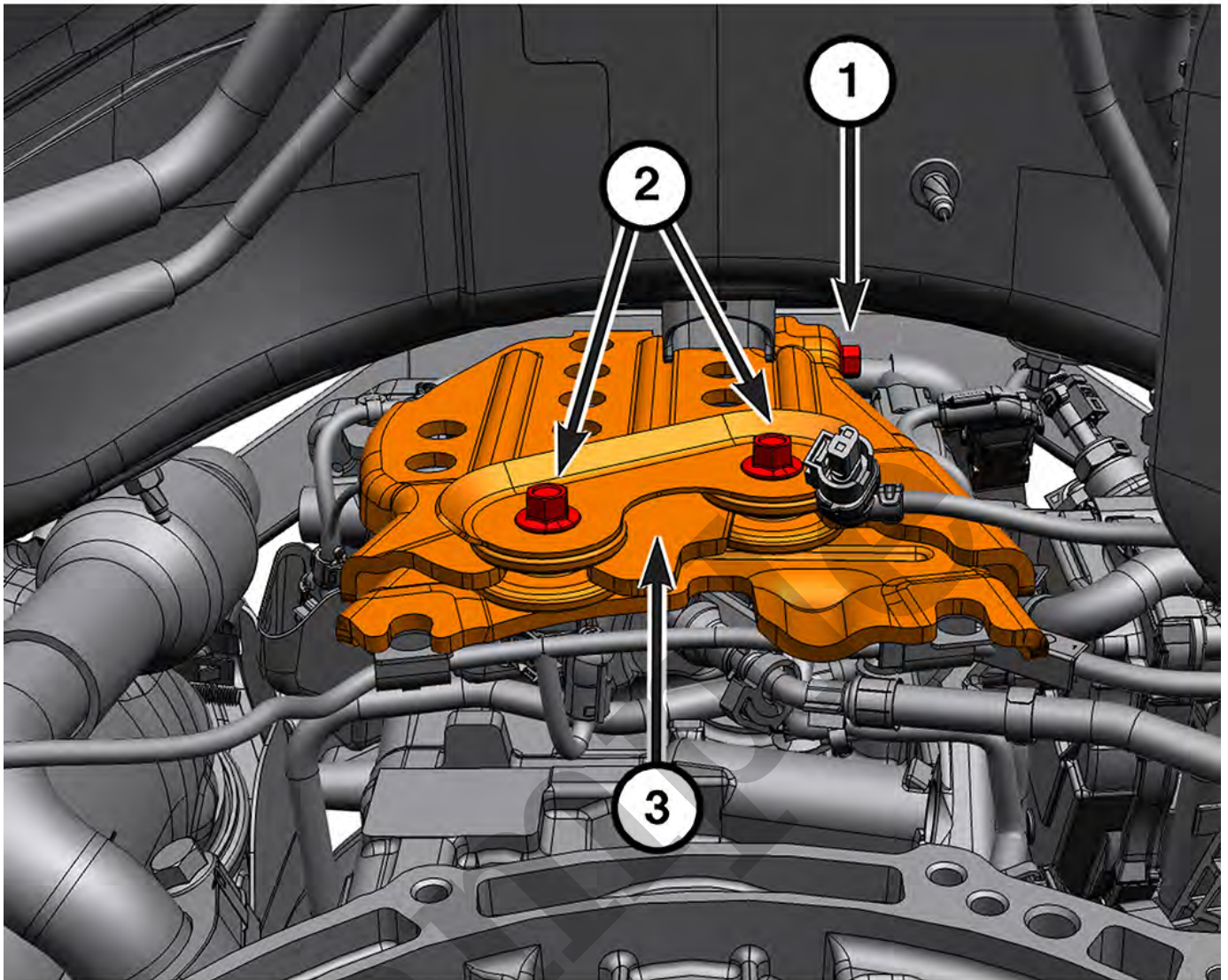
NOTE

Orange is the warning color used to identify high voltage parts. These warning labels are attached to the high-voltage battery pack.

WARNING

When performing any repairs that involve contact with high voltage components or systems, the technician performing repairs on the vehicle must verify that the system remains powered down during high voltage repairs.

- This must be done by removing the service disconnect or high voltage disabling device.
- The high voltage power down procedure must also be performed to ensure that the vehicle is properly powered down.



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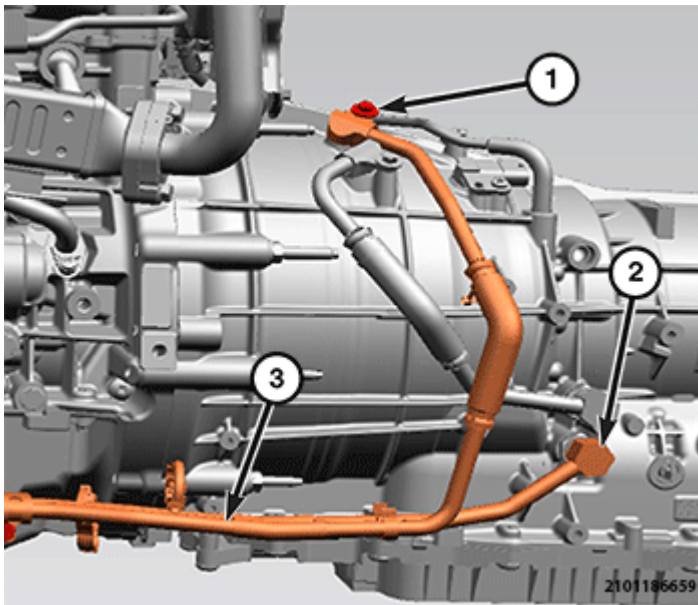
1 - Upper High Pressure Fuel Pump Shield Bolt
2 - High Pressure Fuel Pump Shield Isolator Bolts (Not Removed)
3 - High Pressure Fuel Pump Shield

8. Raise the transmission mount off of the crossmember using a suitable jack.

9. Remove upper high pressure fuel pump shield bolt.

10. Remove the transfer case ([Refer to Transmission and Transfer Case/Transfer Case/Removal and Installation](#))([Refer To List 2](#)).

11. Remove the high voltage cable from the transmission ([Refer to Electrified Powertrain System/High Voltage Battery/CABLES/Removal and Installation](#)).



1 - Transmission Oil Cooler Line to Transmission Bolt
2 - Transmission Oil Cooler line Quick Connect Fitting
3 - Transmission Oil Cooler Line Bundle

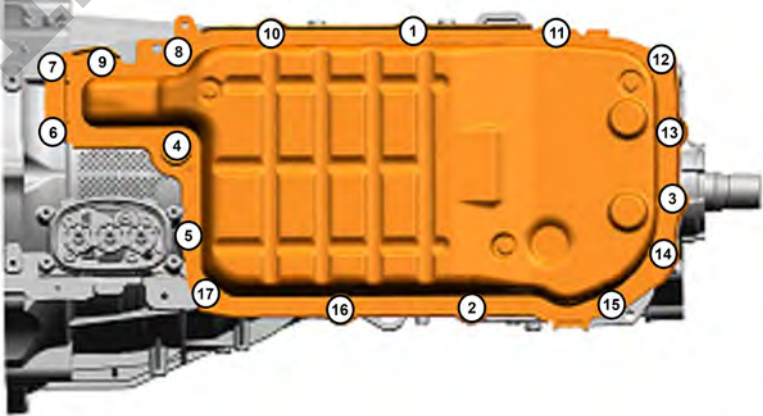
20. Disconnect the transmission cooler line bundle from the transmission.

21. Disconnect the resolver harness connector.

22. Disconnect the P2 temperature sensor harness connector.

23. Remove all remaining wiring harness retainers from the transmission.

24. Disconnect transmission vent hose.

DESCRIPTION	SPECIFICATION	COMMENT
Starter Cover Lower Bolt	25 N·m (18 Ft. Lbs.)	—
Starter Cover Upper Bolt	25 N·m (18 Ft. Lbs.)	—
Torsional Damper Bolts	105 N·m (77 Ft. Lbs.)	—
Transmission Oil Cooler Line To Transmission Bolt	11 N·m (8 Ft. Lbs.)	—
Transmission Oil Cooler Line Bracket to Engine Oil Pan Bolt	30 N·m (22 Ft. Lbs.)	—
Transmission Oil Pan Bolt	11 N·m (8 Ft. Lbs.)	<div><p>Tightening Sequence</p><p>2101197717</p></div>
Transmission Oil Pan Drain Plug	9 N·m (80 In. Lbs.)	—
Transmission Oil fill Plug	35 N·m (26 Ft. Lbs.)	—

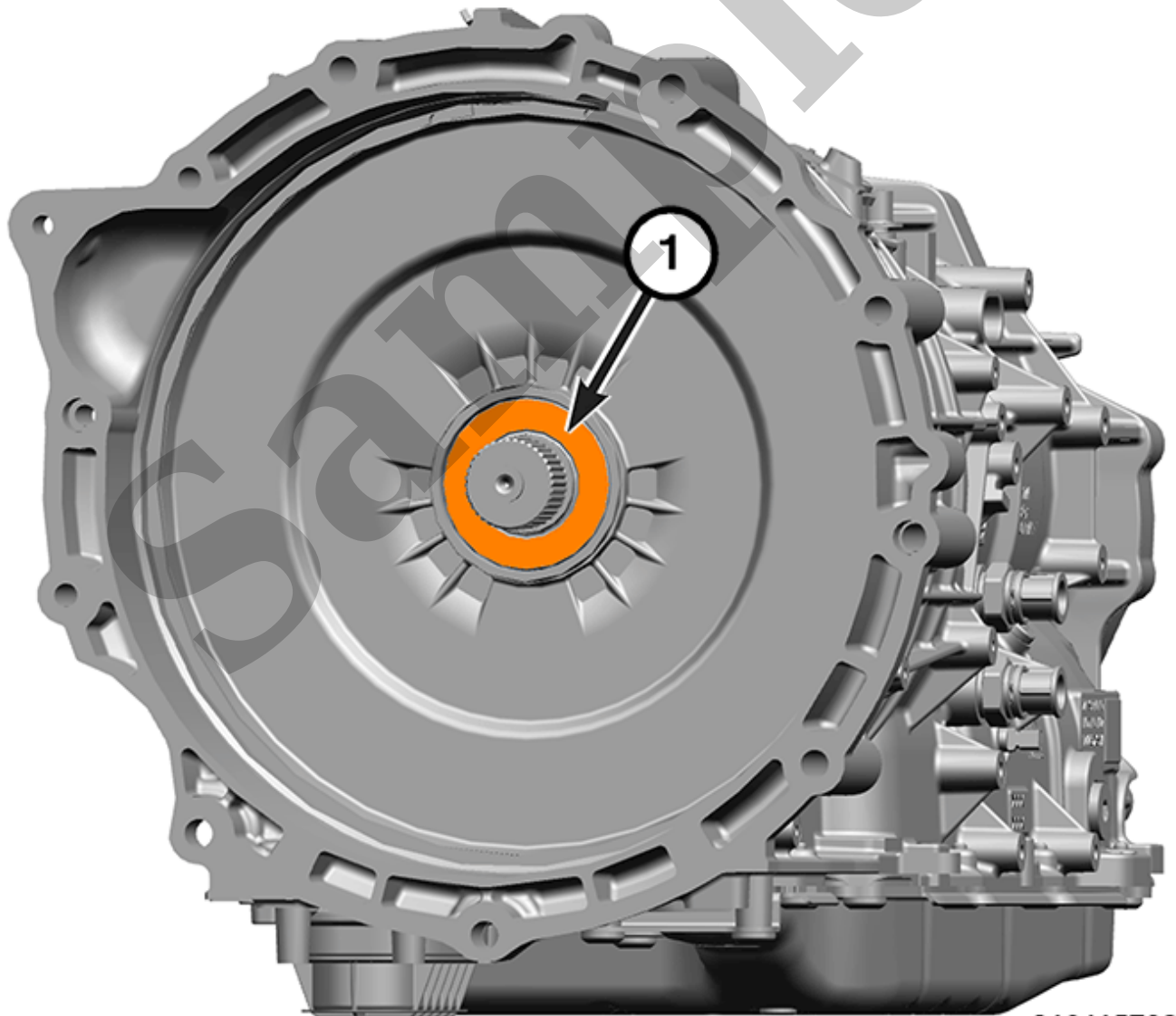
YOUR CURRENT VEHICLE

Input Shaft Seal

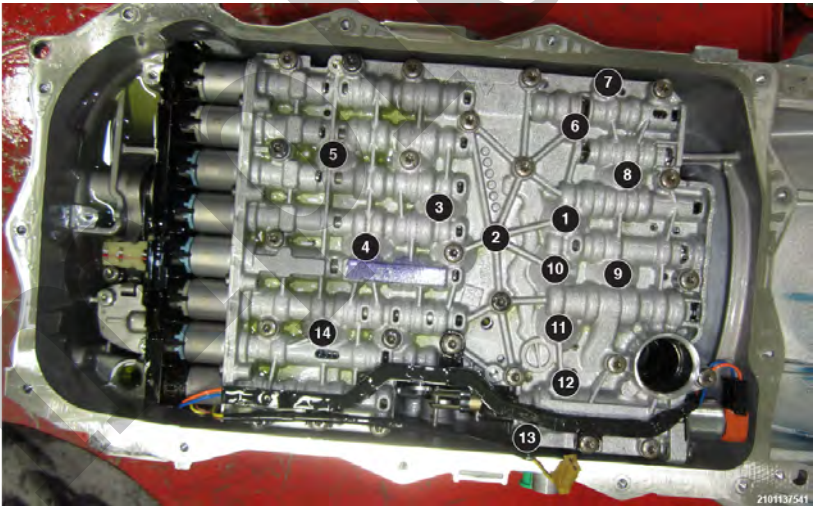
INPUT SHAFT SEAL

REMOVAL

1. Raise and support the vehicle ([Refer to Vehicle Quick Reference/Hoisting/Standard Procedure](#)).



2101157022

DESCRIPTION	SPECIFICATION	COMMENT
Transmission Oil fill Plug	35 N·m (26 Ft. Lbs.)	—
Transmission Mount to Adapter	30 N·m (22 Ft. Lbs.)	—
Transmission Support Bracket to Transmission	17 N·m (12 Ft. Lbs.)	—
Valve Body Bolt	8 N·m (71 In. Lbs.)	<p>Tightening Sequence</p> 

TORQUE SPECIFICATIONS - DRIVESHAFTS

1 - Output Shaft Seal

2. Remove and discard the output shaft seal with a suitable screw and slide hammer.

INSPECTION AND CLEANING

Cleaning

- Clean and inspect the seal sealing surface.

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.

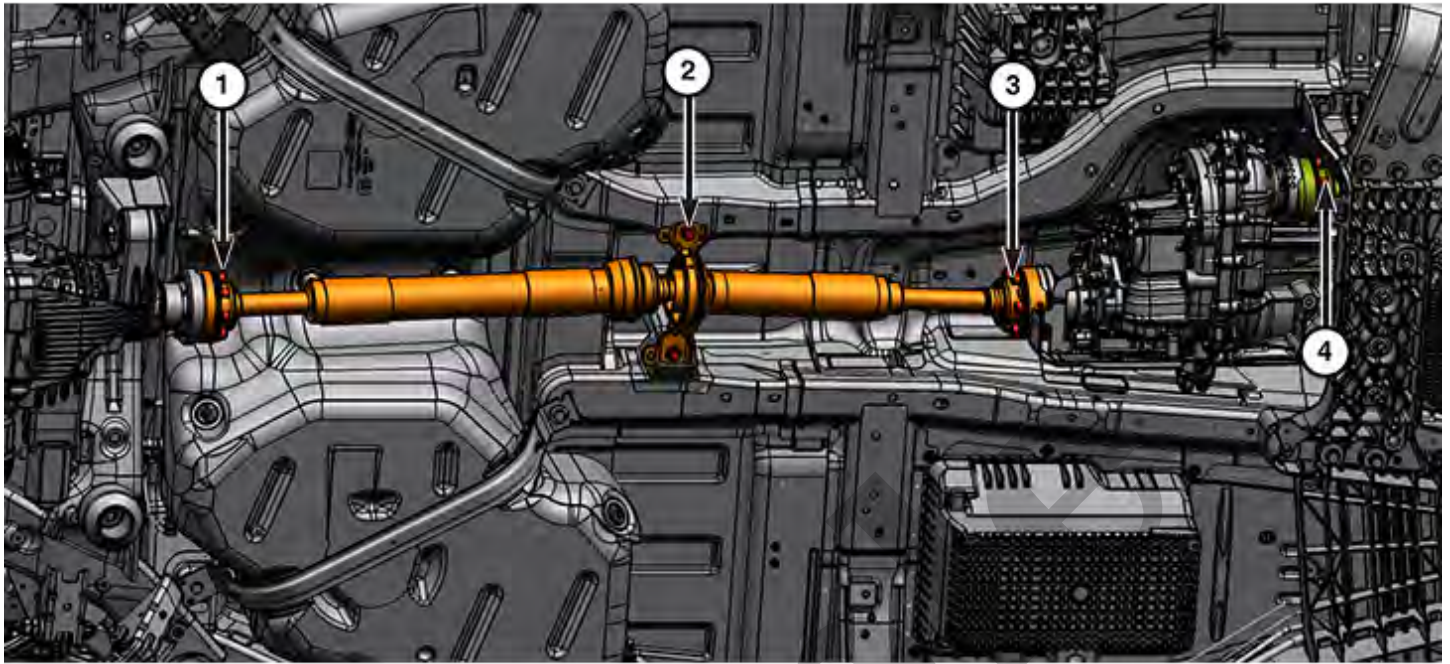
- Using the
Installer, Seal Output Shaft



, install a **NEW**
output shaft seal.

- Check the transmission fluid level and add as necessary ([Refer to Transmission and Transfer Case/Automatic/Standard Procedure](#))([Refer To List 2](#)).

TORQUE SPECIFICATIONS - TRANSMISSION - 8P75PH



0305191835

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Rear Driveshaft to Rear Pinion Flange Bolts	56 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications
2	Rear Driveshaft Center Support Bearing Bolts	55 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications
3	Rear Driveshaft to Transfer Case Flange Bolts	56 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications
4	Front Driveshaft to Transfer Case Flange Bolts	56 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications

Refer To List:

List 1

- [21 - Transmission and Transfer Case / Transfer Case, MPT3015C \(One Speed\) / Removal and Installation](#)
- [21 - Transmission and Transfer Case / Transfer Case, MPT3028C / Removal and Installation](#)