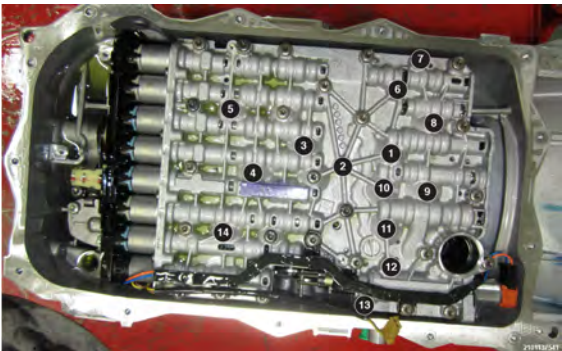


Your Ultimate Source for OEM Repair Manuals

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 Wrangler OEM Service and Repair Workshop Manual

[Go to manual page](#)

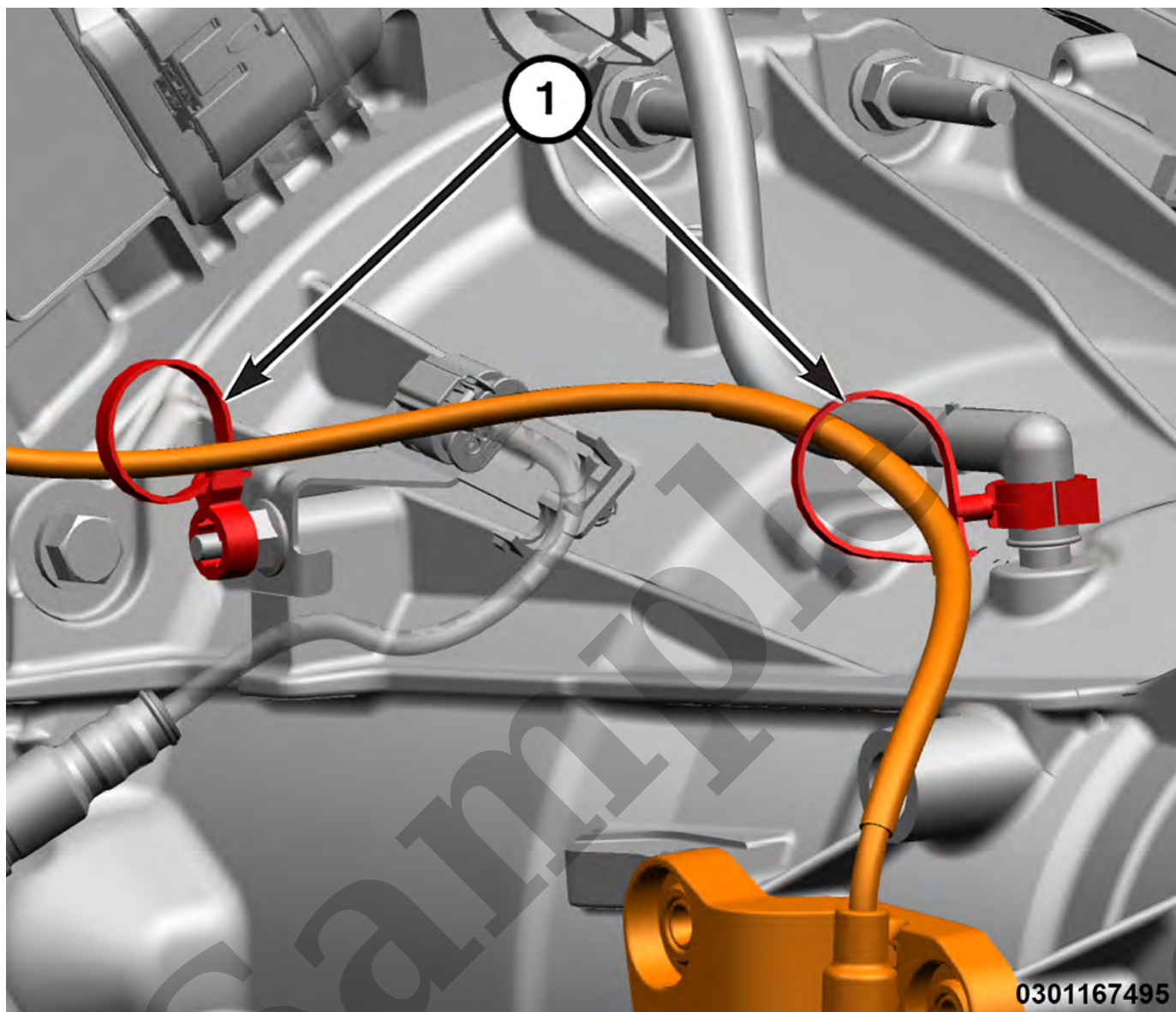
DESCRIPTION	SPECIFICATION	COMMENT
		

Refer To List:

List 1

- [13 - Frame and Bumpers / Under Body Protection / PLATE, Skid / Removal and Installation](#)
- [13 - Frame and Bumpers / Under Body Protection / PLATE, Stiffening / Removal and Installation](#)

12. Remove the MPR cable bracket bolts.



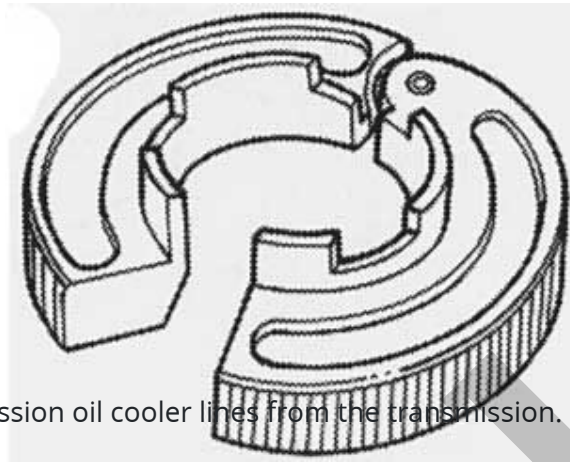
1 - MPR Cable stays

13. Remove the MPR cable stays from the transmission and position the MPR cable and bracket aside.

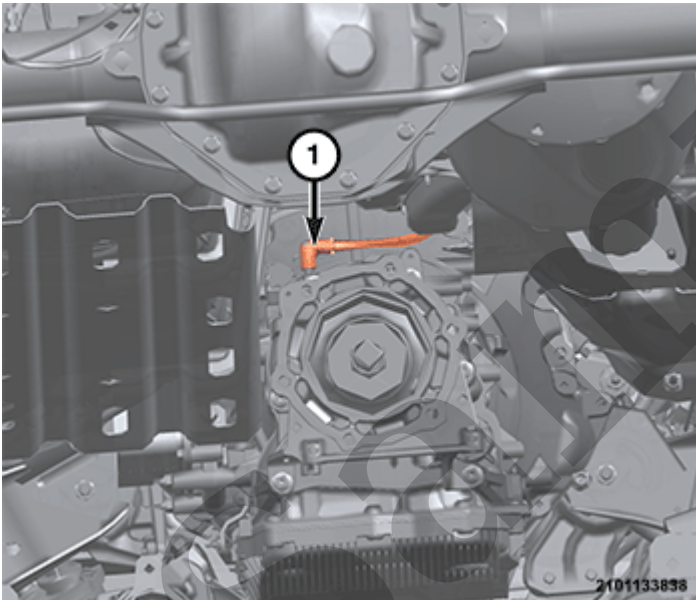
14. Remove the wire harness connector from the upper bellhousing to engine stud bolt.

15. Remove the bellhousing to engine bolt.

16. Remove the starter ([Refer to Electrical/Starting/STARTER/Removal and Installation](#)).

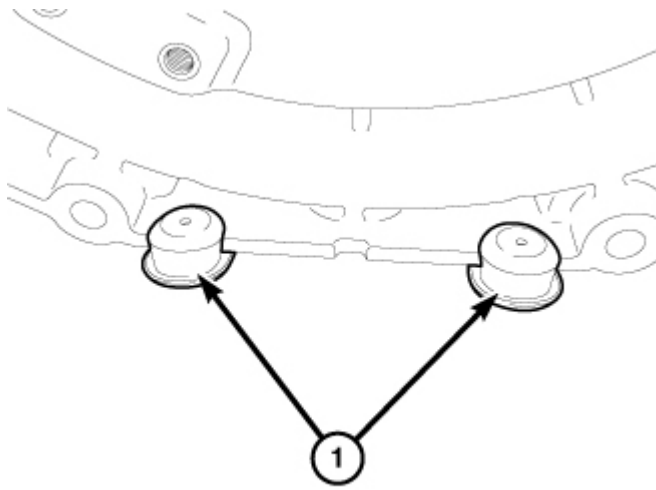


, disconnect the transmission oil cooler lines from the transmission.



1 - Transmission Vent Tube

20. Disconnect the transmission vent tube.



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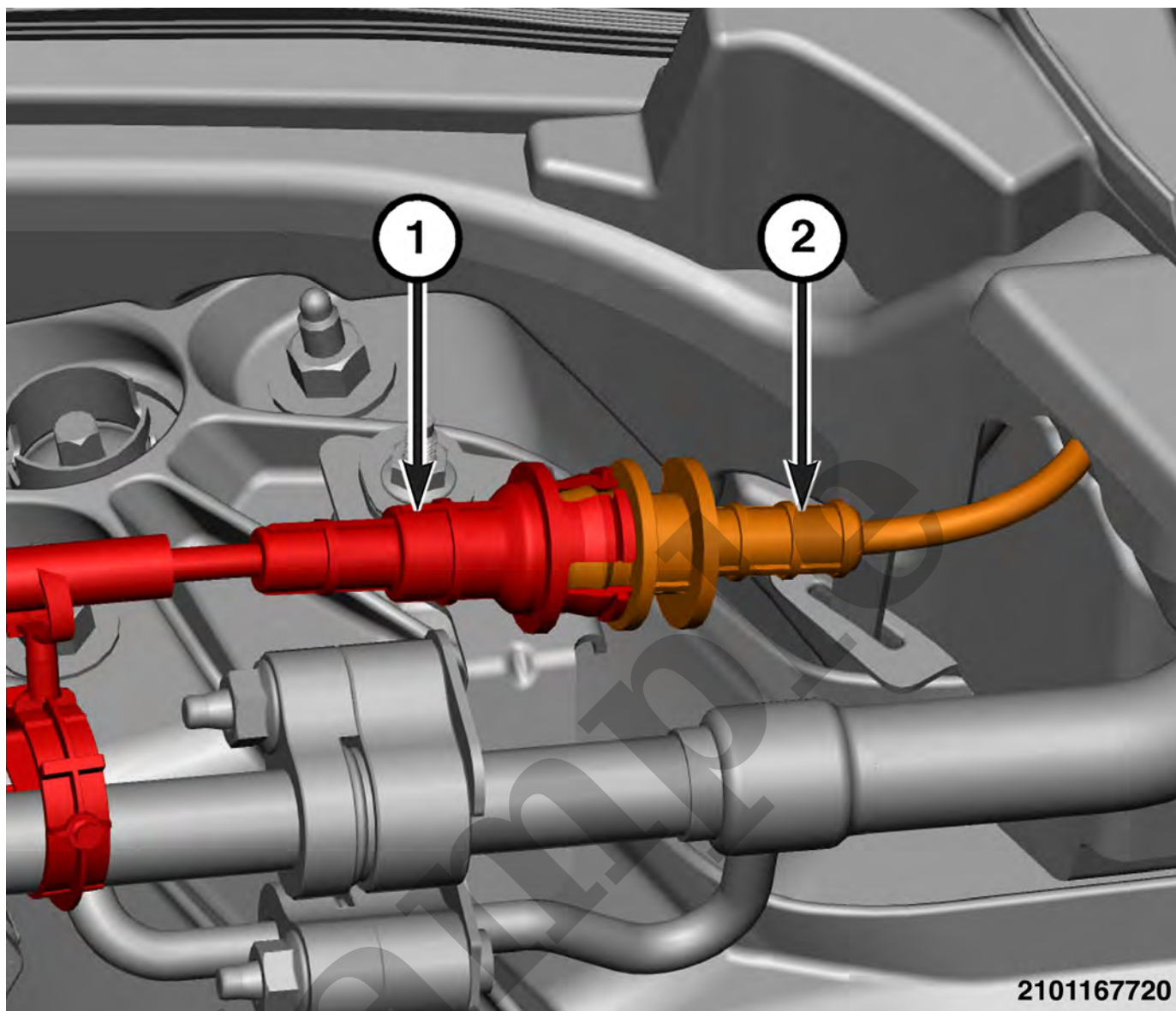
1 - Rubber Access Plugs

- Verify that the rubber access plugs are installed in the front of the transmission.
- Install the torque converter. Verify torque converter is completely seated ([Refer to Transmission and Transfer Case/Automatic/TORQUE CONVERTER/Removal and Installation](#))(Refer To List 4).
- If removed or transmission was replaced, install the extension housing on the transmission.
- Hold torque converter in place during transmission installation of transmission.
- Rotate the torque converter to line up with the flex plate holes before the transmission is bolted to the engine.
- During installation of the driveshafts, align the previously created marks on the driveshafts with the marks on the output flanges.
- Perform the STANDARD PROCEDURE - TRANSMISSION FILL AFTER SERVICE ([Refer to Transmission and Transfer Case/Automatic/Standard Procedure](#))(Refer To List 5).
- If the transmission is reconditioned or replaced, program the Transmission Control Module (TCM) ([Refer to Electrical/8E - Electronic Control Modules/MODULE, Transmission Control/Module Programming](#)).
- If the valve body is replaced, program the Transmission Control Module (TCM) ([Refer to Electrical/8E - Electronic Control Modules/MODULE, Transmission Control/Module Programming](#)).
- Perform the TRANSMISSION VERIFICATION TEST ([Refer to DTC-Based Diagnostics/MODULE, Transmission Control \(TCM\)/Standard Procedure](#))(Refer To List 3).

Refer To List:

List 1

- [13 - Frame and Bumpers / Under Body Protection / PLATE, Skid / Removal and Installation](#)
- [13 - Frame and Bumpers / Under Body Protection / PLATE, Stiffening / Removal and Installation](#)



1 - MPR Cable (Transmission side)

2 - MPR Cable (Lever side)

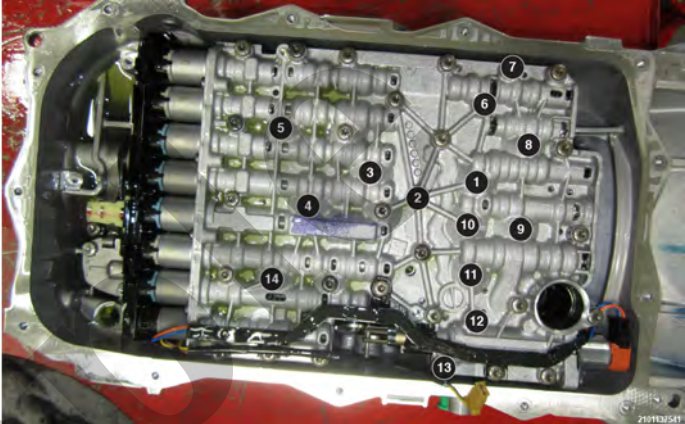
6. Disconnect the MPR cable from the MPR lever cable and remove from the vehicle.

INSTALLATION

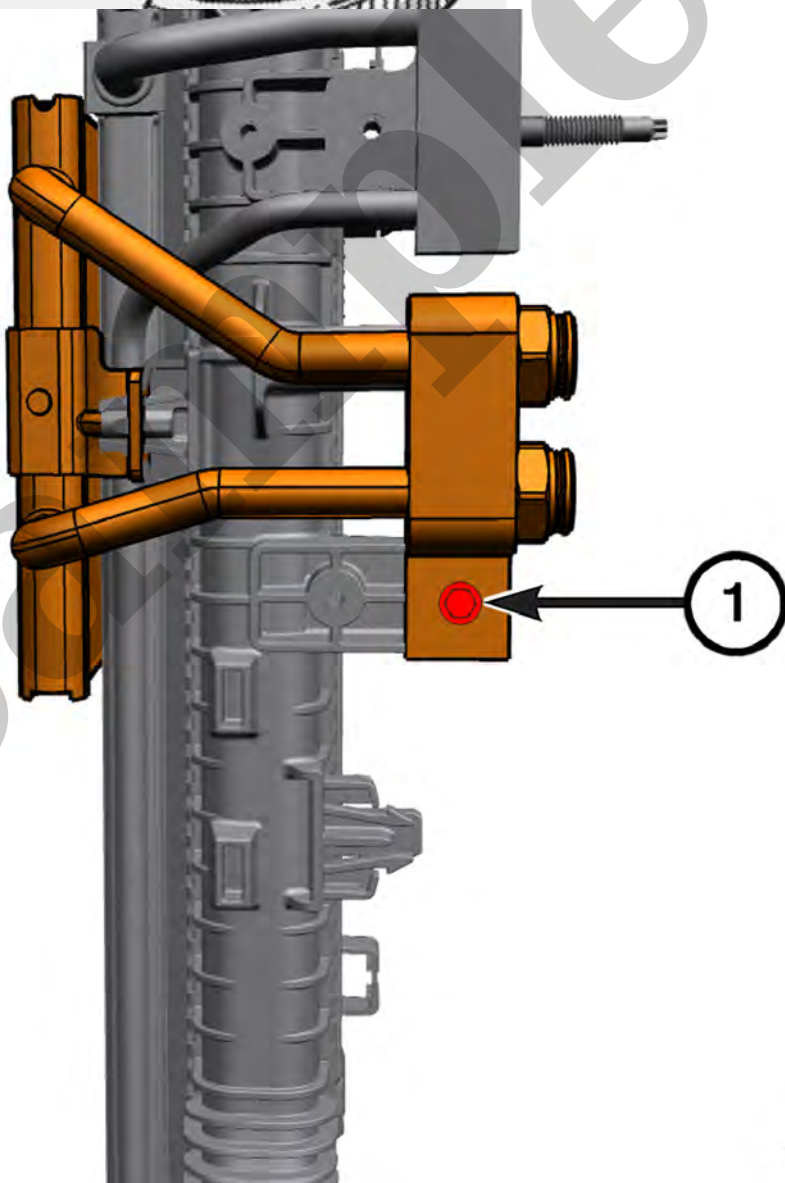
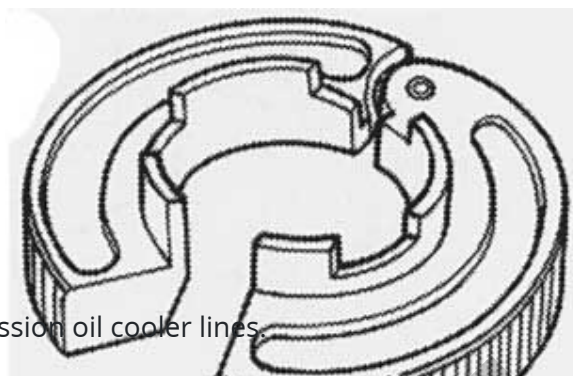
Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Route the MPR cable in the same way as the original MPR cable and attach the cable stays to the transmission.

TORQUE SPECIFICATIONS - TRANSMISSION - 850RE

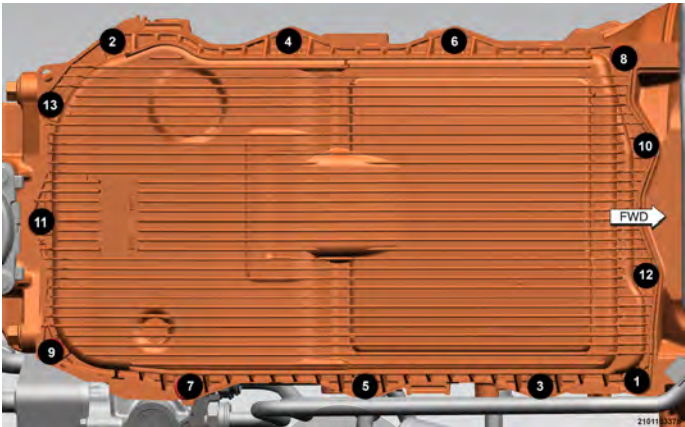
DESCRIPTION	SPECIFICATION	COMMENT
	2. Rotate additional 45°	
Transmission Output Flange nut	69 N·m (51 Ft. Lbs.)	If removed, NEW fastener must be installed and tightened to specifications.
Valve Body Bolt	8 N·m (71 In. Lbs.)	<p>Tightening Sequence</p> 

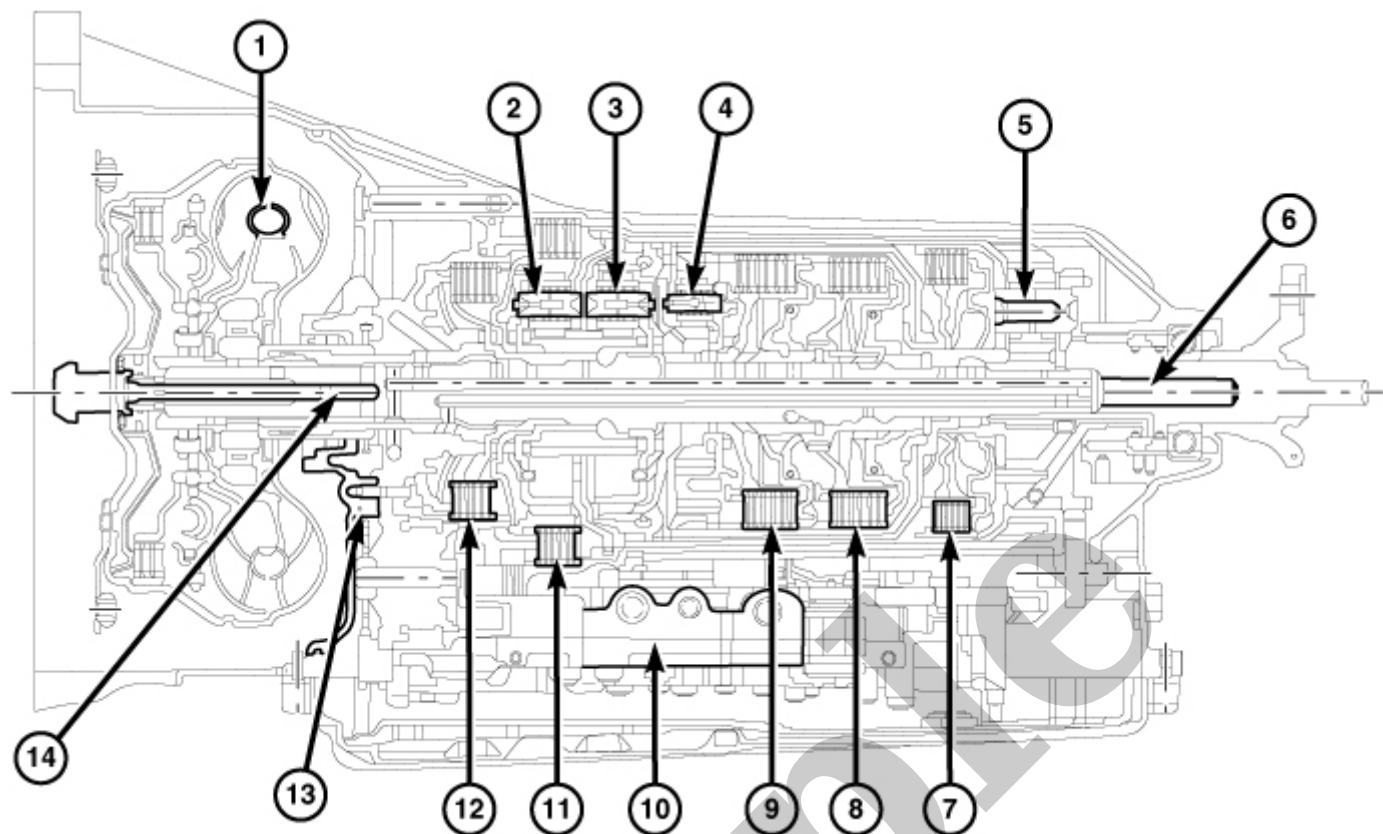
, disconnect the transmission oil cooler lines.



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1 - Transmission Cooler Manifold Bolt

DESCRIPTION	SPECIFICATION	COMMENT
		
Transmission Oil Pan Drain Plug	9 N·m (80 In. Lbs.)	-
Transmission Mount Bracket bolts (2WD)	63 N·m (46 Ft. Lbs.)	-
Transmission Mount to Transmission Crossmember Nuts	63 N·m (46 Ft. Lbs.)	-
Transmission Mount to Transfer Case or Transmission Bracket Bolts	63 N·m (46 Ft. Lbs.)	-
Transmission Oil Pump Assembly to Case Bolts	Torque Procedure: <ol style="list-style-type: none"> 1. Tighten bolts (1), (7) and (9) to 6 N·m (53 in. lb.) 2. Working in a clockwise pattern, tighten the oil pump cover bolts starting at (1) to 10 N·m (89 In. Lbs.) 	If removed, NEW fasteners must be installed and tightened to specifications.



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1 - Torque Converter	8 - C Clutch
2 - P1 Planetary	9 - E Clutch
3 - P2 Planetary	10 - Valve Body
4 - P3 Planetary	11 - B Clutch
5 - P4 Planetary	12 - A Clutch
6 - Output Shaft	13 - Oil Pump
7 - D Clutch	14 - Input Shaft

CAUTION

A unique transmission fluid has been developed for this transmission. This fluid is NOT compatible with ATF+4 or any other current FCA US LLC transmission fluid. For specifics about this unique fluid see FLUIDS, LUBRICANTS AND GENUINE PARTS.