

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 Unlimited OEM Service and Repair Workshop Manual

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YOUR CURRENT VEHICLE

Transmission Fill After Service

TRANSMISSION FILL AFTER SERVICE

WARNING

There is a risk of accident from vehicle moving when the engine is running. Secure vehicle to prevent it from moving. There is a risk of injury from contusions and burns if you insert your hands into the engine when it is running. Do not touch hot or rotating parts. Wear properly fitted work clothes.

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.

NOTE

Oil dye is not required to find leaks in the transmission. The oil dye can cause shift quality issues and is not recommended. The fluid has illuminance that is visible under a black light.

1. Raise and support the vehicle **on a level hoist** ([Refer to Vehicle Quick Reference/Hoisting - Standard Procedure](#)).

YOUR CURRENT VEHICLE

Torque Specifications

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS - TRANSMISSION - 8P75PH

DESCRIPTION	SPECIFICATION	COMMENT
Blocker to Transmission Bolts	48 N·m (35 Ft. Lbs.)	—
Coolant Hose Bracket to Transmission Nut	8 N·m (71 In. Lbs.)	—
Engine Block to Bellhousing Bolt	48 N·m (35 Ft. Lbs.)	—
Engine Oil Pan to Bellhousing Bolt	50 N·m (37 Ft. Lbs.)	—
High Voltage Cable Bracket to Transmission Bolts	8 N·m (71 In. Lbs.)	—
Integrated Electric Oil Pump (IEP) Bolts	8 N·m (71 In. Lbs.)	—
Manual Park Release Cable Bracket to Transmission Bolts	20 N·m (15 Ft. Lbs.)	—
MGU Harness Trough to Transmission Bolt	5 N·m (44 In. Lbs.)	—

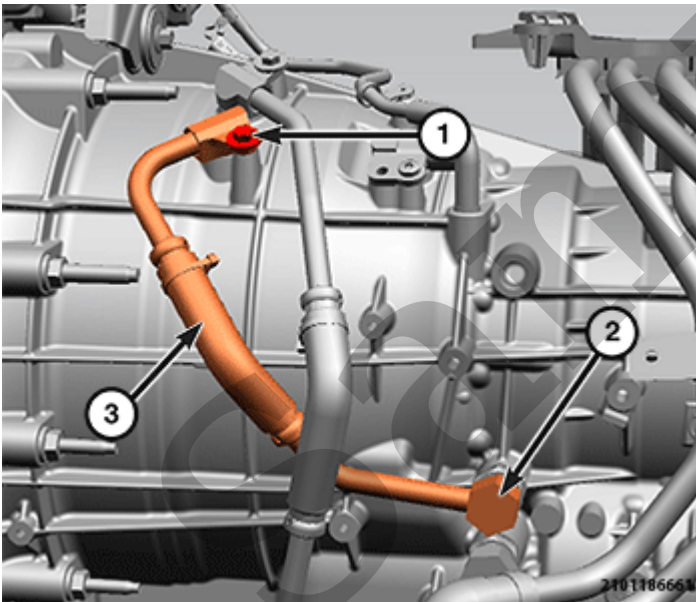
YOUR CURRENT VEHICLE

Transmission Oil Cooler Line Jumper

TRANSMISSION OIL COOLER LINE JUMPER

REMOVAL

1. Raise and support the vehicle ([Refer to Vehicle Quick Reference/Hoisting/Standard Procedure](#)).
2. Remove the transmission skid plate ([Refer to Frame and Bumpers/Under Body Protection/PLATE, Skid, Front/Removal and Installation](#))([Refer To List 1](#)).

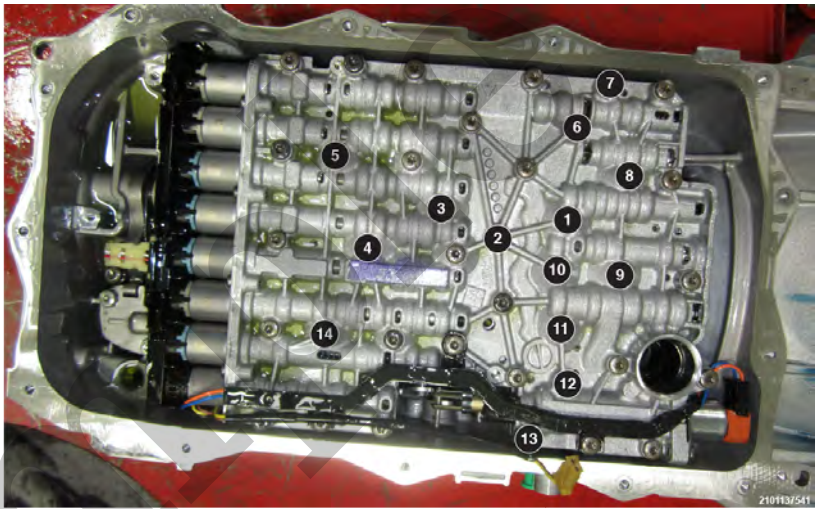


1 - Transmission Oil Cooler Line Bolt

2 - Transmission Oil Cooler Line Quick-Connect End

3 - Transmission Oil Cooler Line Jumper

NOTE

DESCRIPTION	SPECIFICATION	COMMENT
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> 

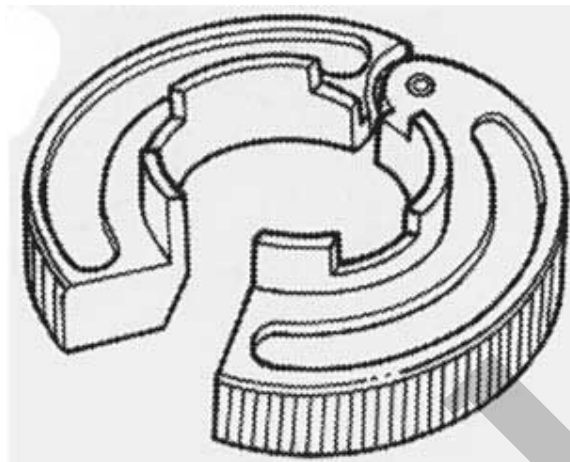
Refer To List:

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](#)

List 2

- [21 - Transmission and Transfer Case / Automatic - 8HP50/850RE / Standard Procedure](#)
- [21 - Transmission and Transfer Case / Automatic - 8HP75 / Standard Procedure](#)
- [21 - Transmission and Transfer Case / Automatic - 8P75PH / Standard Procedure](#)



9. Remove the transmission oil cooler line bundle 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.

- Check the transmission fluid level ([Refer to Transmission and Transfer Case/Automatic/Standard Procedure](#))([Refer To List 3](#)).

TORQUE SPECIFICATIONS - TRANSMISSION - 8P75PH

DESCRIPTION	SPECIFICATION	COMMENT
Blocker to Transmission Bolts	48 N·m (35 Ft. Lbs.)	—
Coolant Hose Bracket to Transmission Nut	8 N·m (71 In. Lbs.)	—
Engine Block to Bell-housing Bolt	48 N·m (35 Ft. Lbs.)	—

YOUR CURRENT VEHICLE

Valve Body

VALVE BODY



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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.

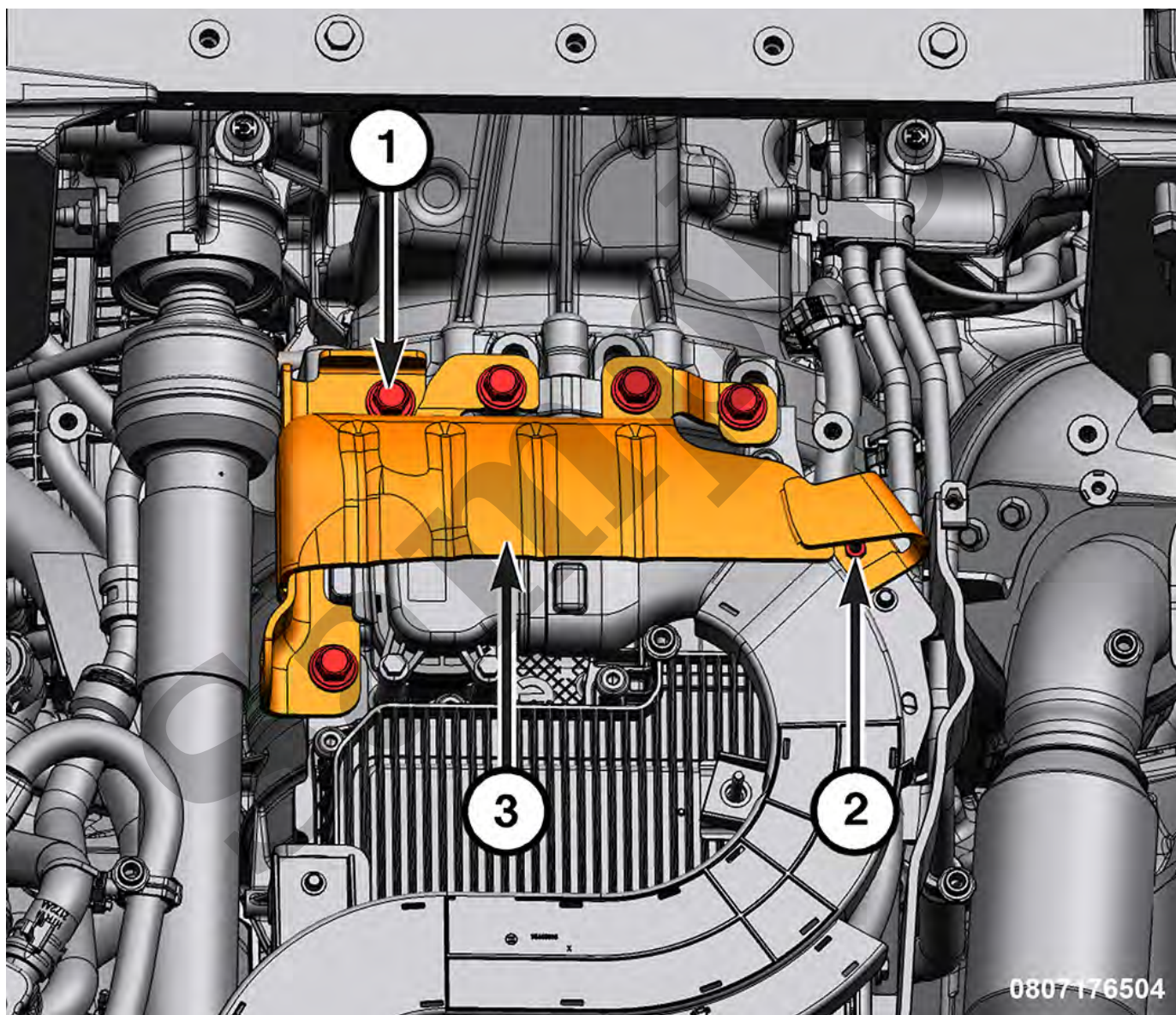
1 - Support to Transmission Crossmember Fasteners

2 - Support to Body Fasteners

6. Loosen the bolts that attach components to the transmission skid plates with slotted holes.

7. Remove the support to body fasteners.

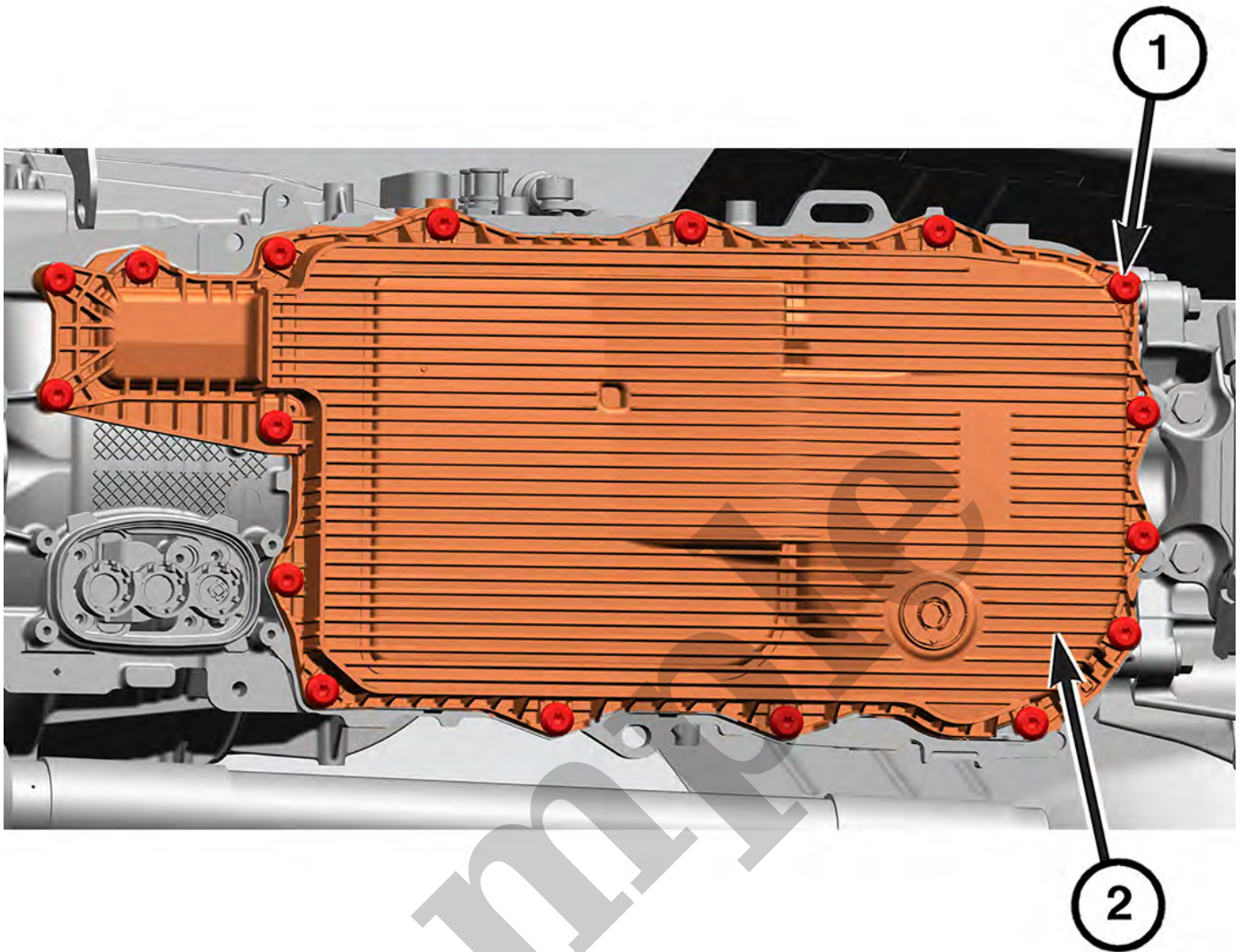
8. Remove the Support to transmission crossmember fasteners remove the crossmember..



1 - Blocker to Transmission Bolts

2 - Blocker Screw

3 - Blocker

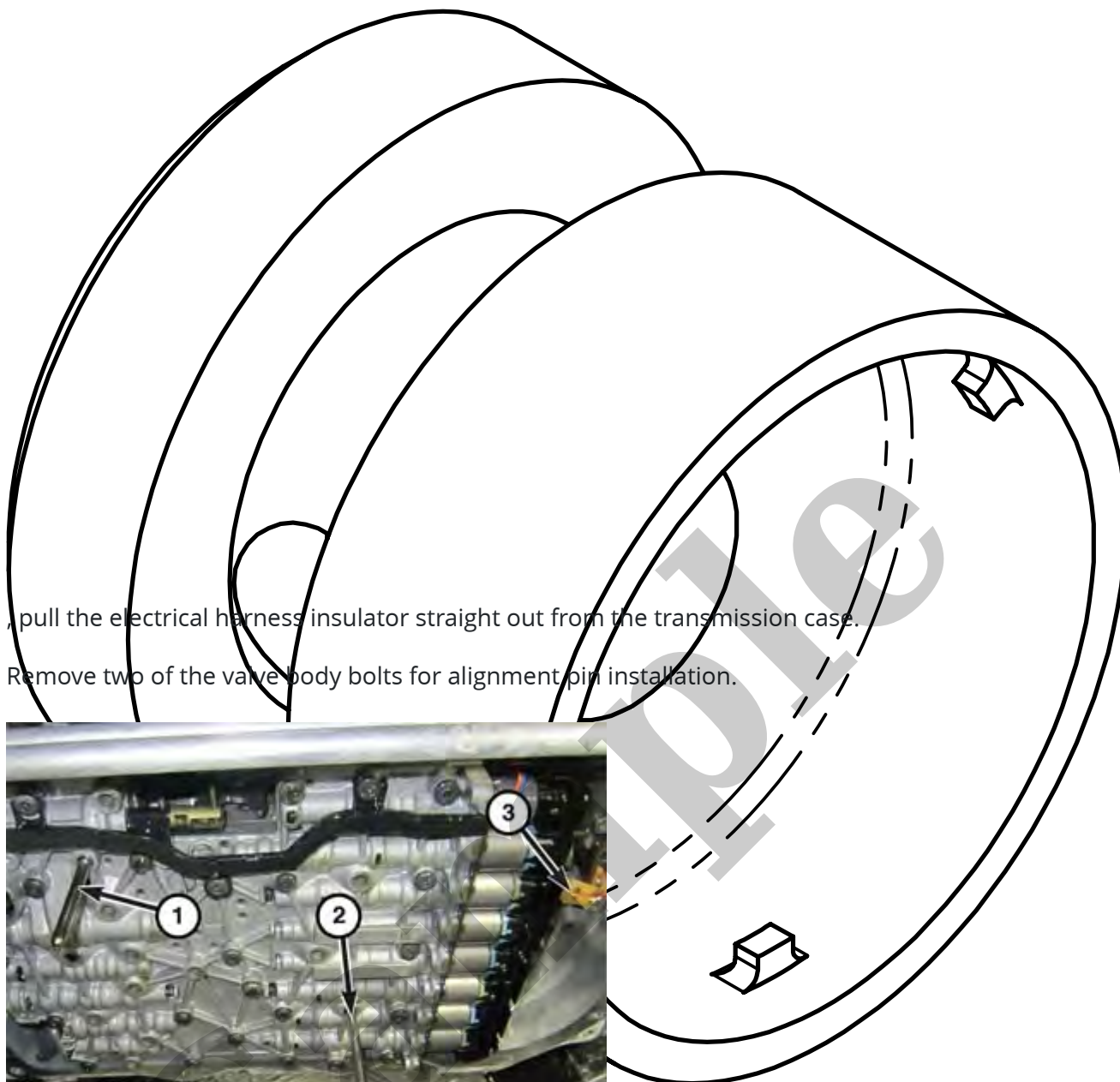


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1 - Oil Pan Bolts

2 - Transmission Oil Pan Assembly

15. Remove the oil pan bolts.
16. Remove the transmission pan assembly and gasket.
17. Remove the Integrated Electric oil Pump (IEP) intake duct.
18. Remove the transmission oil filter.



, pull the electrical harness insulator straight out from the transmission case.

25. Remove two of the valve body bolts for alignment pin installation.



1 - Valve Body Alignment Pin

2 - Valve Body Alignment Pin

3 - IEP LIN Wire Harness Connector

26. Remove two valve body assembly retaining bolts in the positions shown and install the