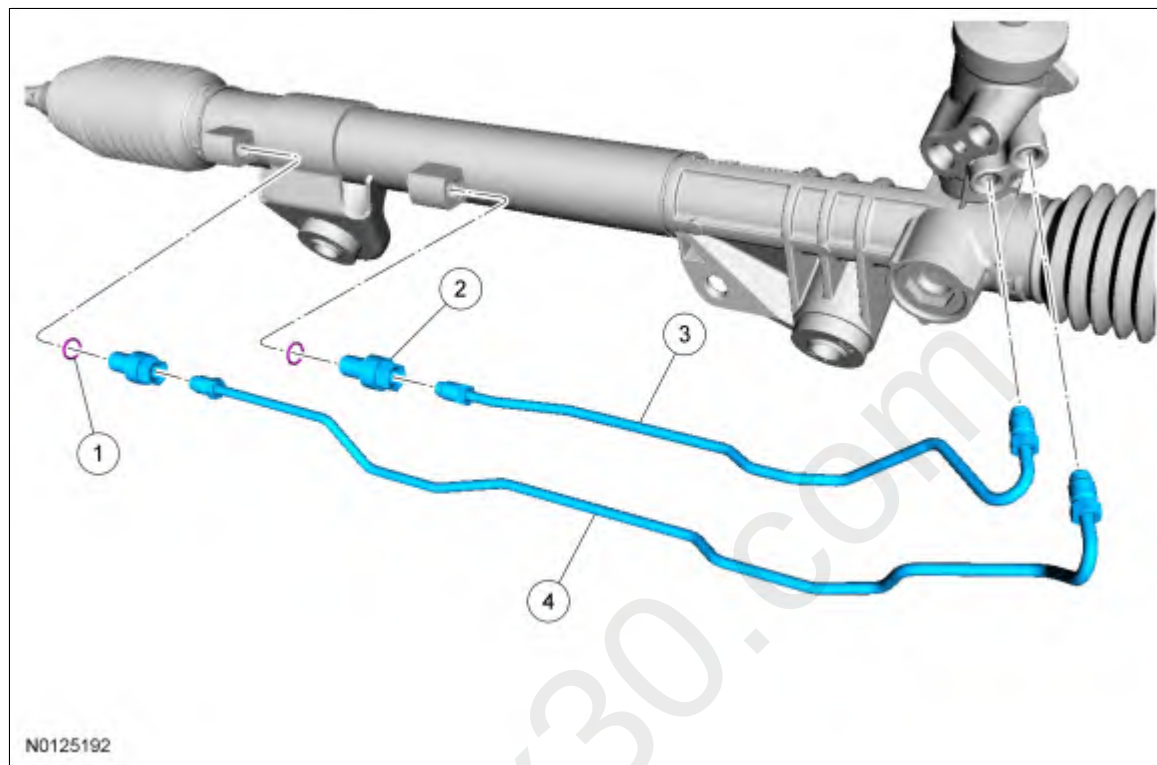


SECTION 211-02: Power Steering
REMOVAL AND INSTALLATION

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Steering Gear Turn Tubes



Item	Part Number	Description
1	00815	Steering gear turn tube damper seal (2 required)
2	3E651	Steering gear turn tube damper (2 required)
3	3A717	Steering gear (right) turn tube
4	3A714	Steering gear (left) turn tube

Removal and Installation

NOTICE: While repairing the power steering system, care should be taken to prevent the entry of foreign material or failure of the power steering components may result.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. If equipped, remove the skid plate bolts and the skid plate.
 - To install (all except SVT Raptor), tighten to 25 Nm (18 lb-ft).
 - To install (SVT Raptor), tighten to 48 Nm (35 lb-ft).
3. Disconnect the 4 steering gear turn tube fittings and remove the 2 turn tubes.
 - To install, tighten the fittings to 20 Nm (177 lb-in).
4. If necessary, remove the steering gear turn tube dampers.

- Inspect the O-ring seals and replace as necessary.
 - To install, tighten to 30 Nm (22 lb-ft).
5. To install, reverse the removal procedure.
 6. Fill the power steering system. For additional information, refer to [Section 211-00B](#).
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