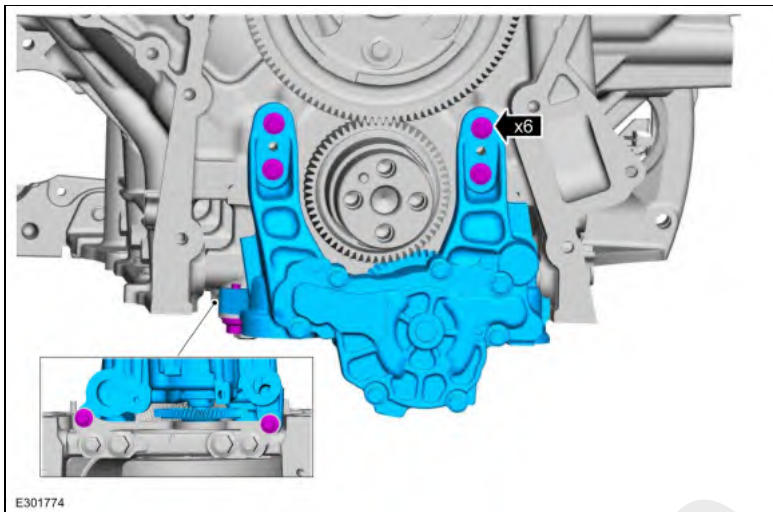


Oil Pump

Removal

1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Remove the engine front cover.
Refer to: Engine Front Cover (303-01B Engine - 6.7L Power Stroke Diesel, Removal and Installation).
3. **NOTICE: Remove the oil pump evenly or damage to the roll pins may occur.**
Remove the bolts and the oil pump.



4. Inspect the oil pump mounting pins, replace if necessary.



Installation

1. If removed, install the oil pump mounting pins.



2. Prime the oil pump. Add 2 tablespoons of clean engine oil to the large round oil pump hole and rotate the oil pump by hand.
Refer to: Specifications (303-01B Engine - 6.7L Power Stroke Diesel, Specifications).
3. **NOTICE: Install the oil pump evenly or damage to the roll pins may occur.**

Install the oil pump and the bolts finger tight.

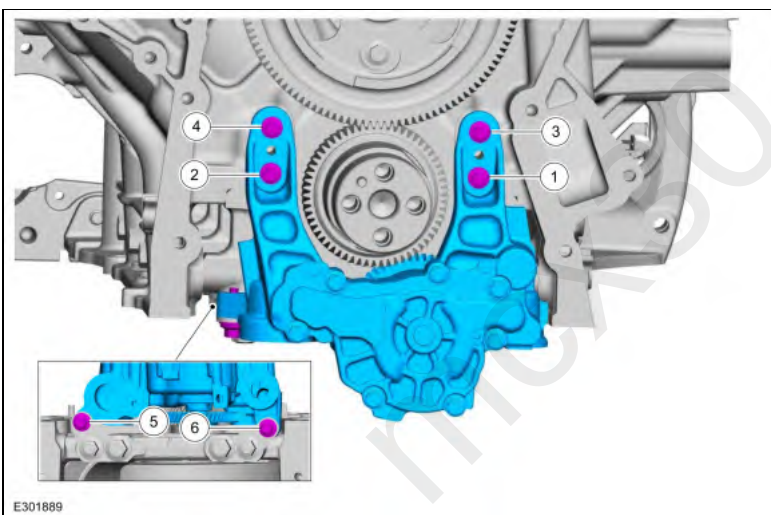
Torque:

Tighten bolts 1 through 4 to::

Stage 1: 89 lb.in (10 Nm)

Stage 2: 45 Å°

Tighten the lower oil pump bolts 5 and 6 to: : 18 lb.ft (25 Nm)



4. Install the engine front cover.
Refer to: Engine Front Cover (303-01B Engine - 6.7L Power Stroke Diesel, Removal and Installation).