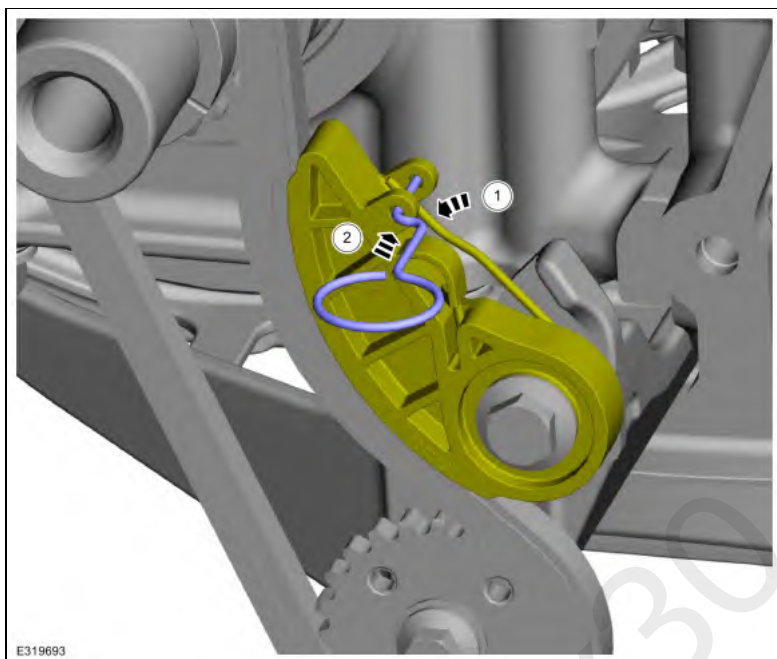


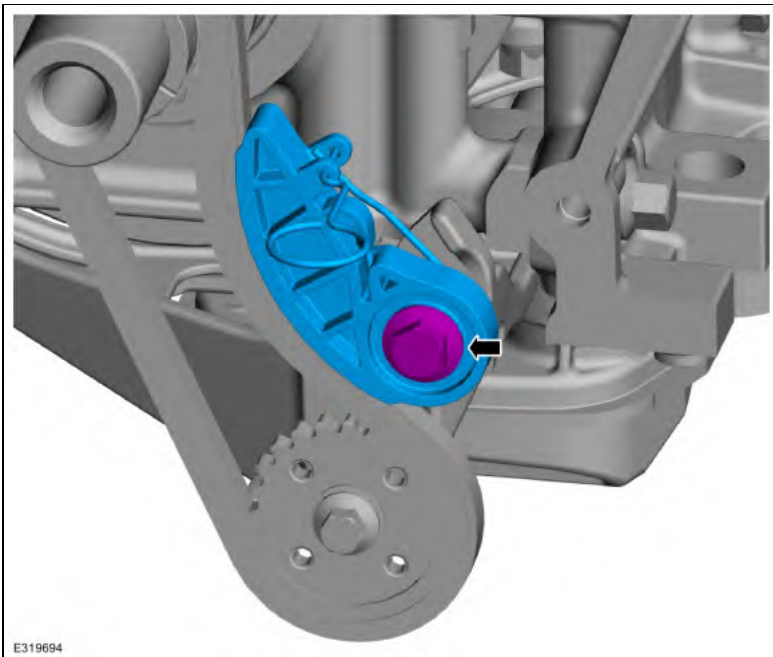
Oil Pump

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 (303-01C Engine - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
3.
 1. Position the spring.
 2. Insert a locking pin to secure the spring to the oil pump drive chain tensioner.



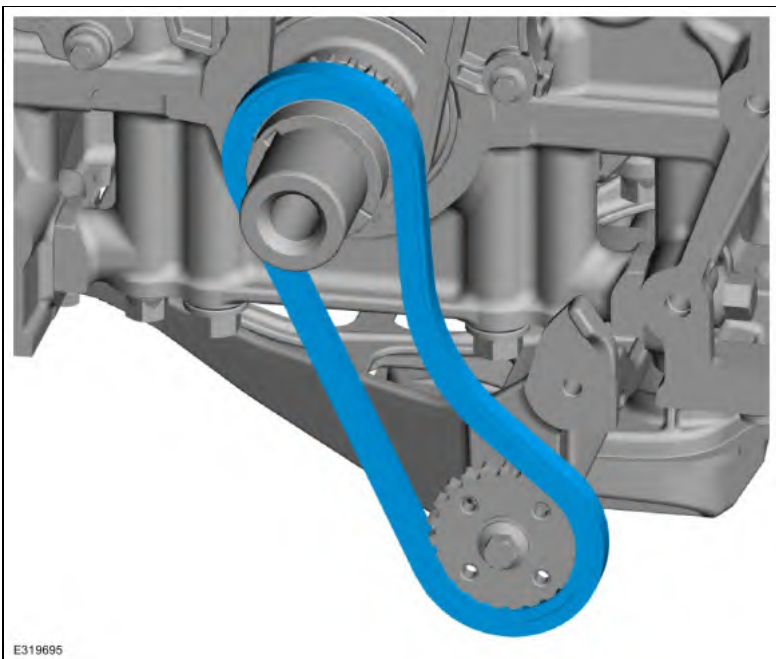
4. Remove the bolt and the oil pump drive chain tensioner.



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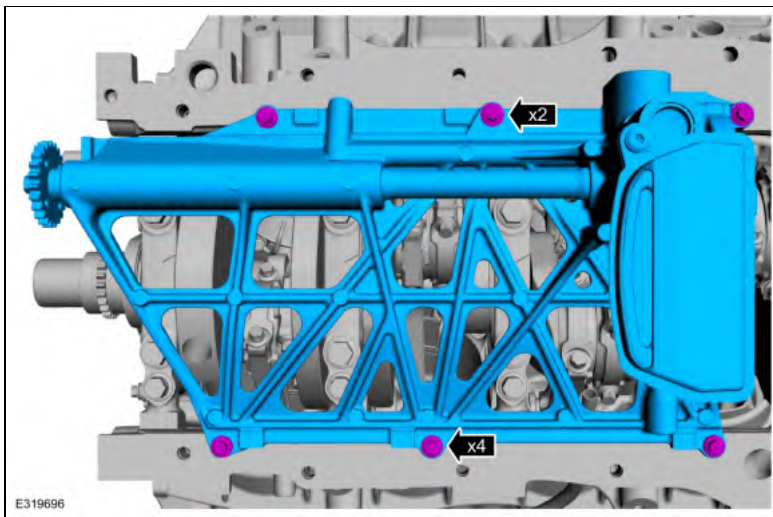


5. Remove the oil pump drive chain.



6. **NOTE:** The oil pump bolts vary in length, note position of bolts for assembly.

Remove the bolts and the oil pump.



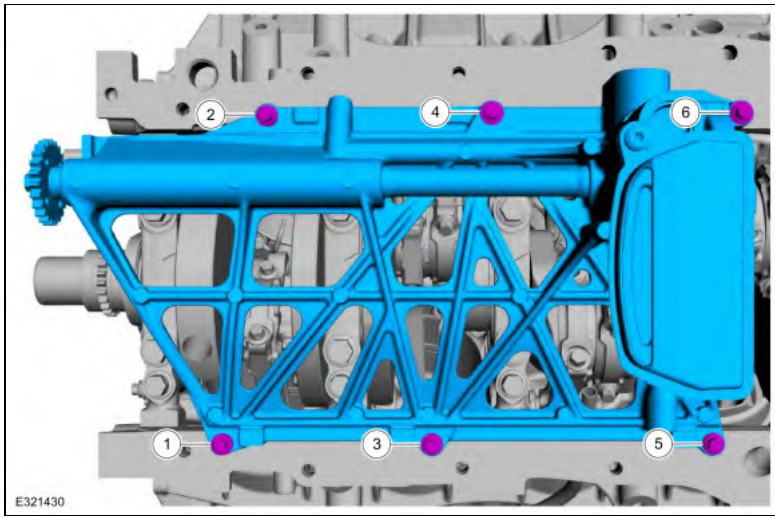
Installation

1. Prime the oil pump. Add 2 tablespoons of clean engine oil to the oil pump and rotate the oil pump by hand.
2. Install the oil pump and the bolts. Tighten in sequence.

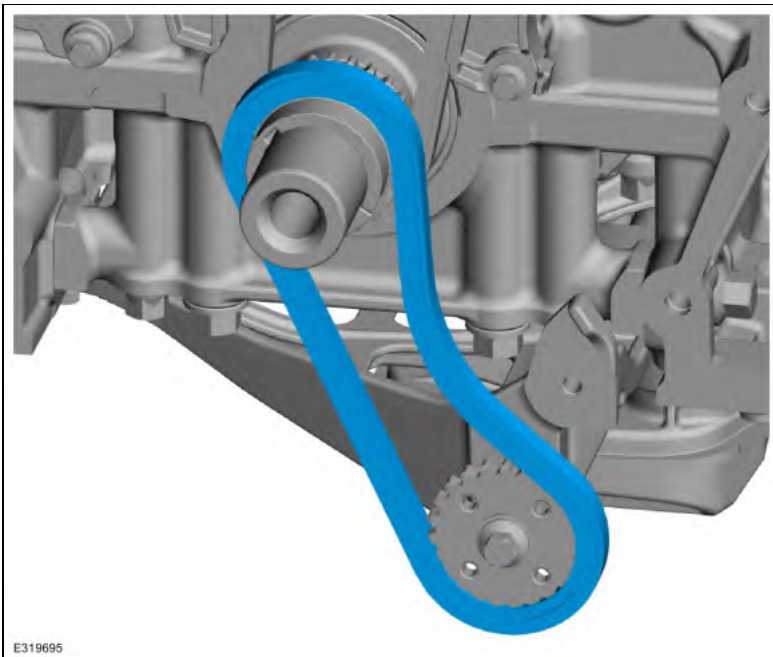
Torque:

Stage 1: 89 lb.in (10 Nm)

Stage 2: 45°



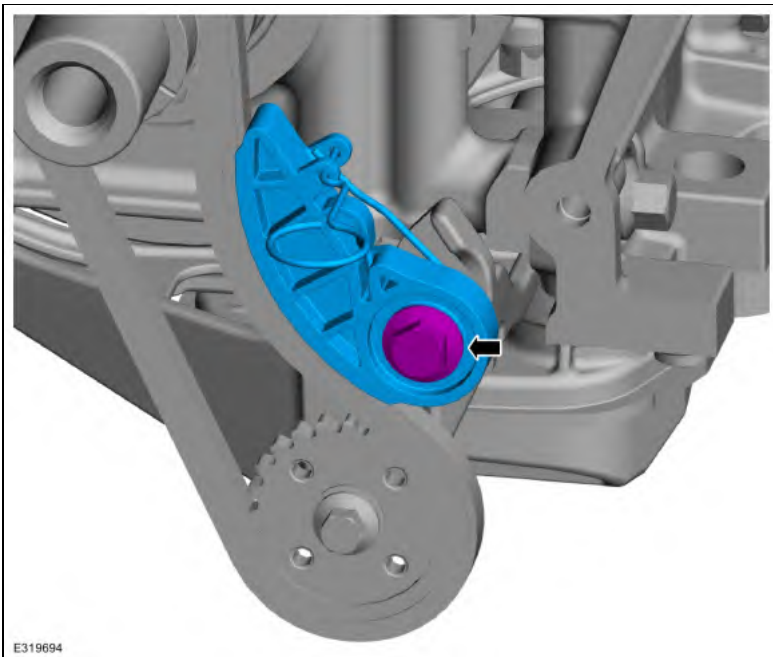
3. Install the oil pump drive chain.



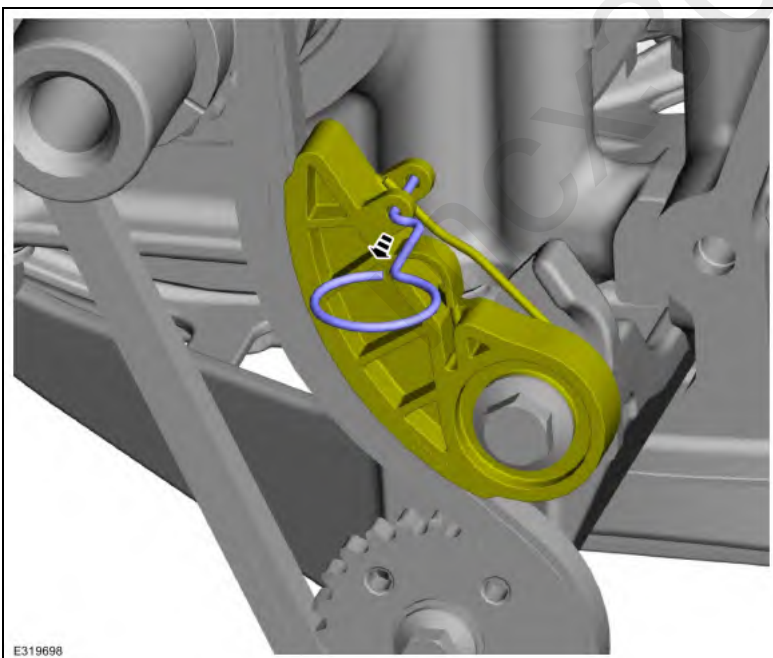
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4. Install the oil pump drive chain tensioner and the bolt.
Torque: 89 lb.in (10 Nm)



5. Remove the pin to release the spring.



6. Install the engine front cover.

Refer to: Engine Front Cover (303-01C Engine - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).