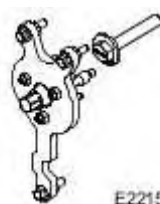
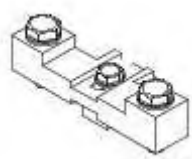
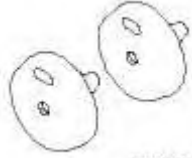


Removal and Installation

Special Tool(s) / General Equipment

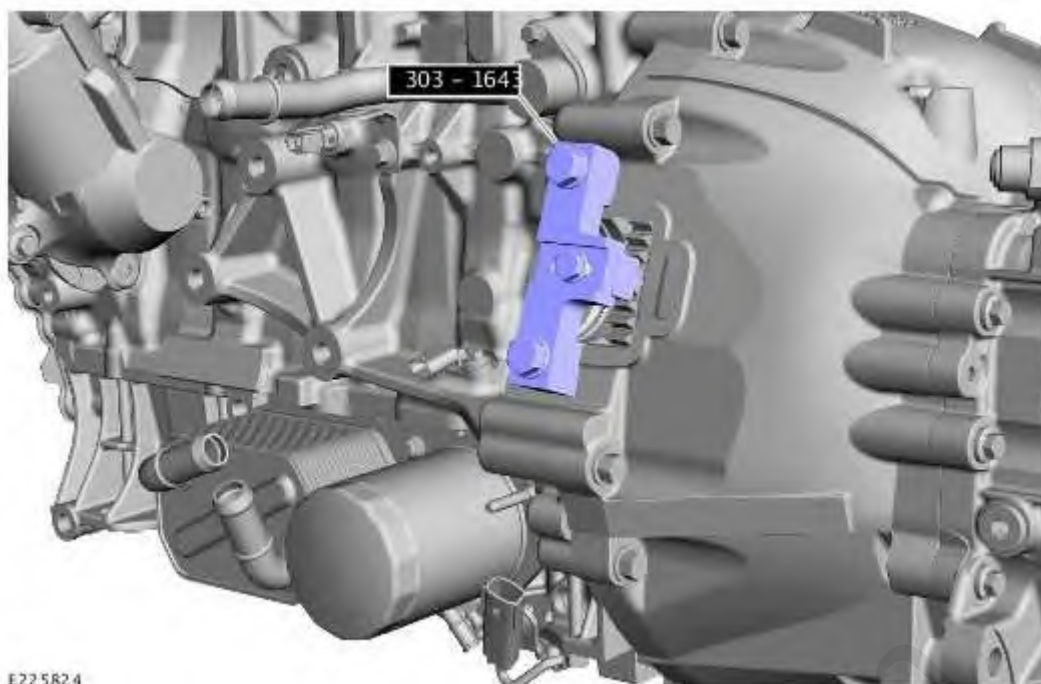
 E221552	303-1635 Remover/Installer, Fuel Injection Pump
 E221556	303-1643 Locking Tool, Flywheel
 E221683	303-1650 Mounting Device, Timing Belt
4 mm Drill Bit	
6 mm Drill Bit	
Adhesive Tape	

Materials

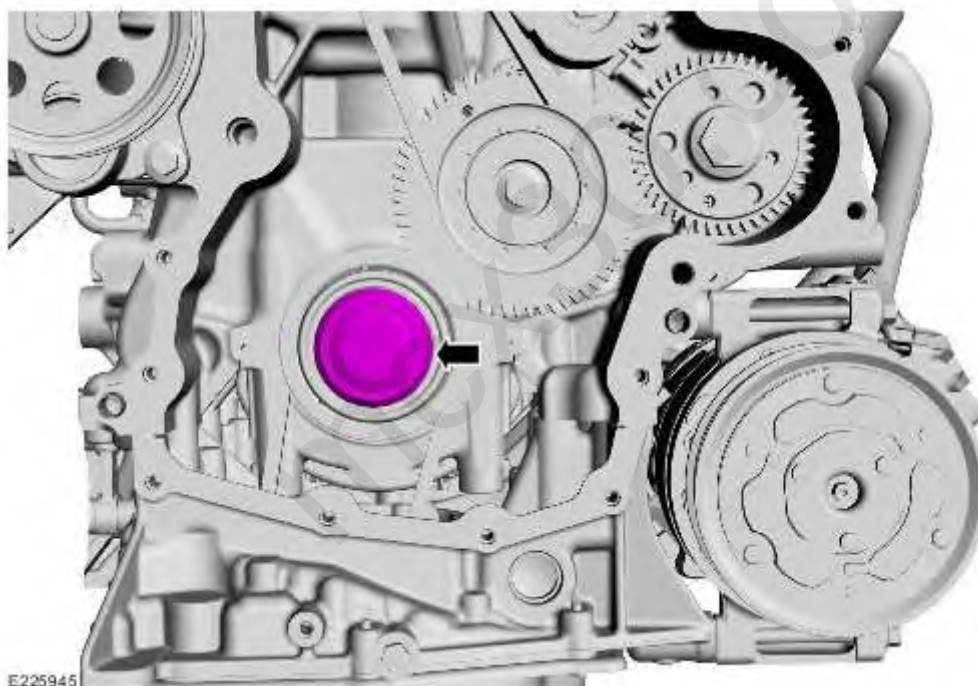
Name	Specification
Clutch and Brake Cleaner	-

Removal

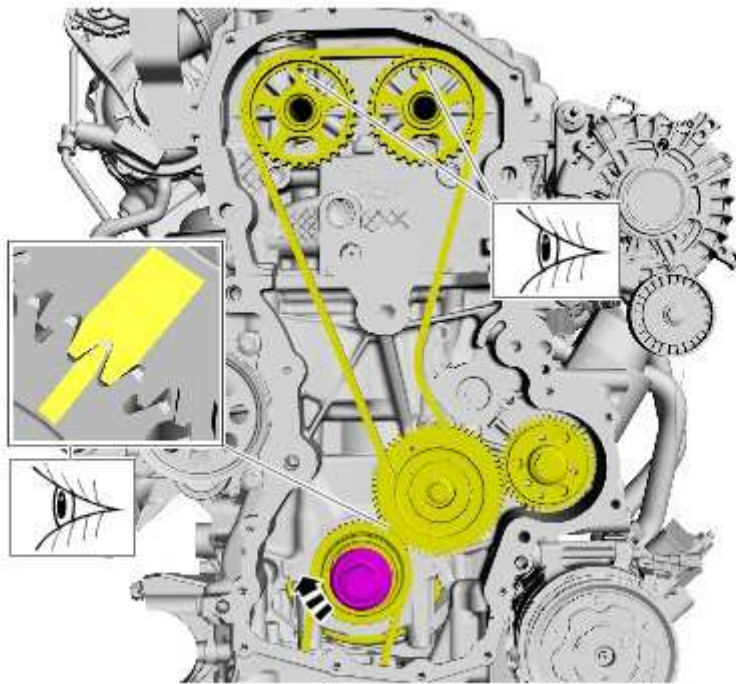
1. Refer to: [Timing Cover](#) (303-01A Engine, Removal and Installation).
2. Remove Special Service Tool: [303-1643](#).



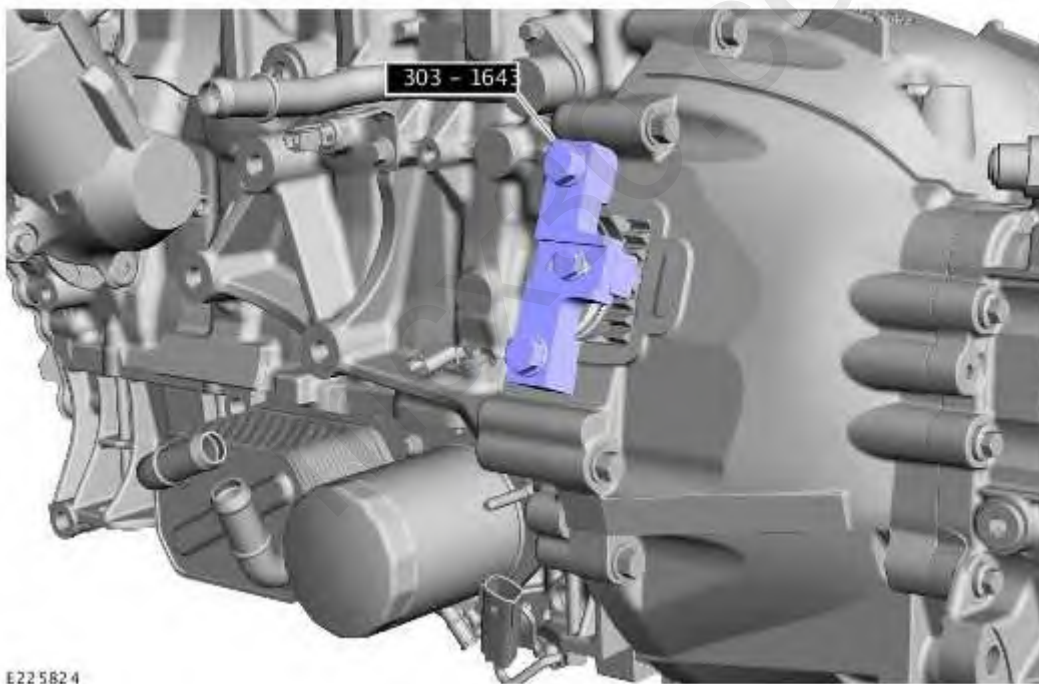
3. NOTE: Only tighten the bolt finger tight at this stage.



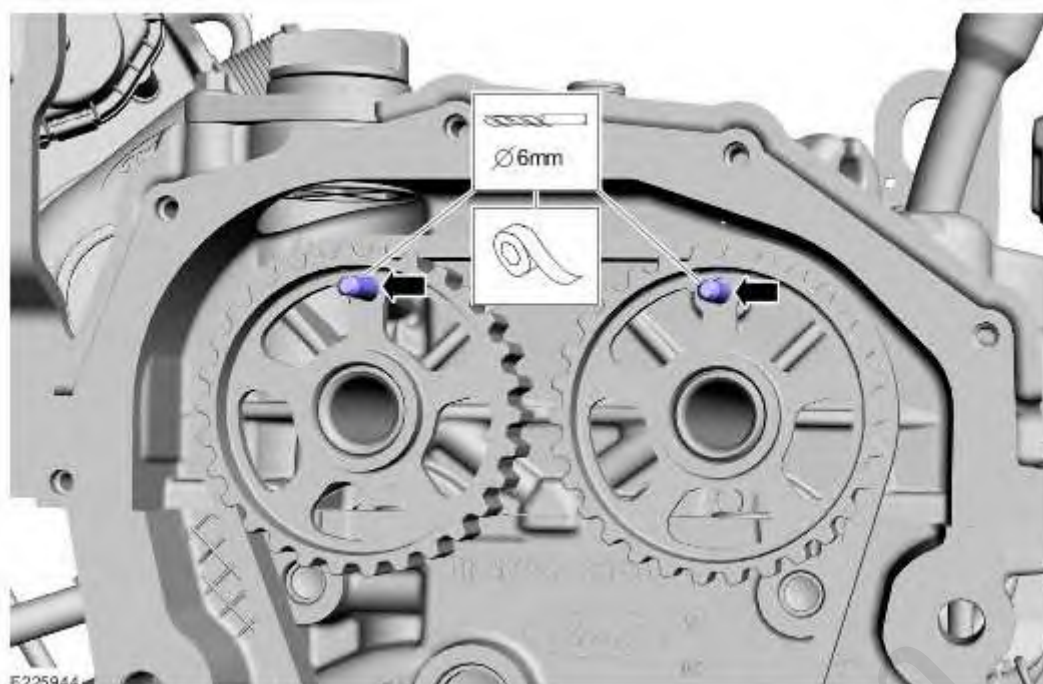
4. ⚠ NOTICE: Only rotate the crankshaft clockwise.



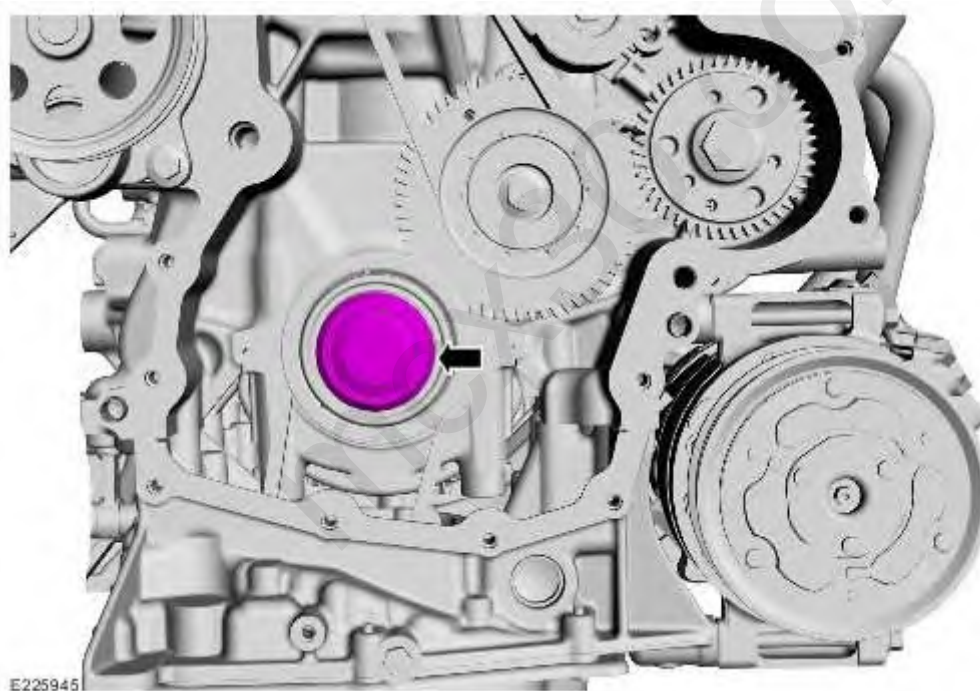
5. Install Special Service Tool: [303-1643](#).



6. Use the General Equipments: [6 mm Drill Bit](#), [Adhesive Tape](#)

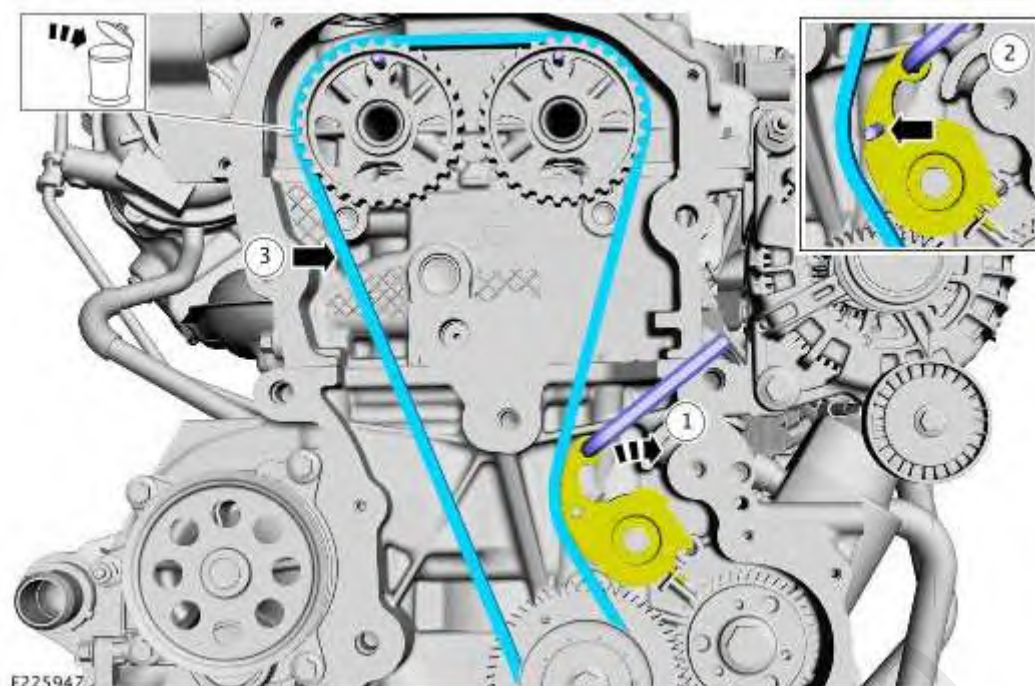


7.



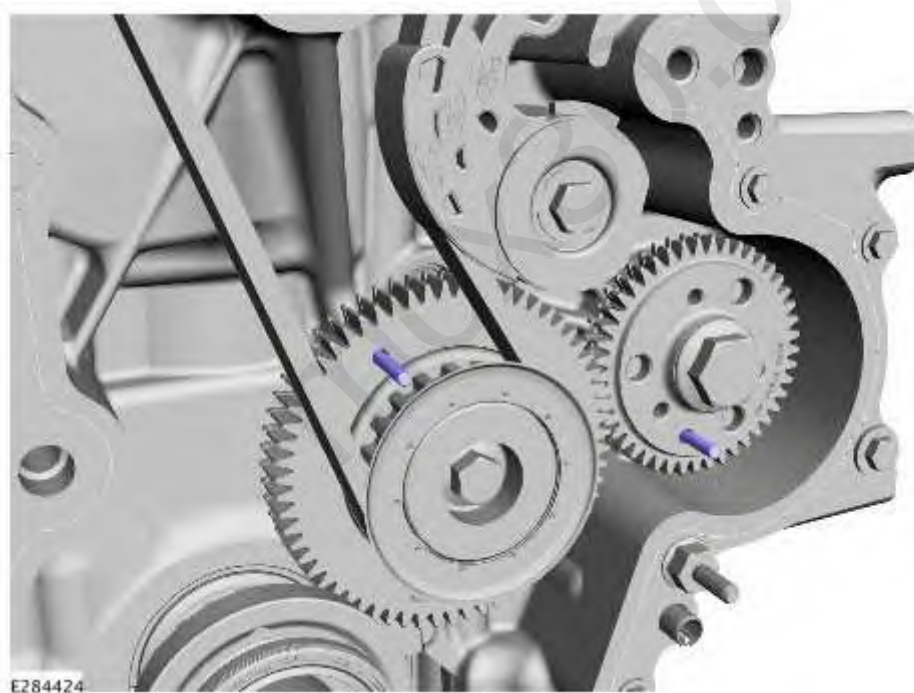
8.

- 1.
2. *Install the General Equipments: 6 mm Drill Bit, Adhesive Tape*
- 3.

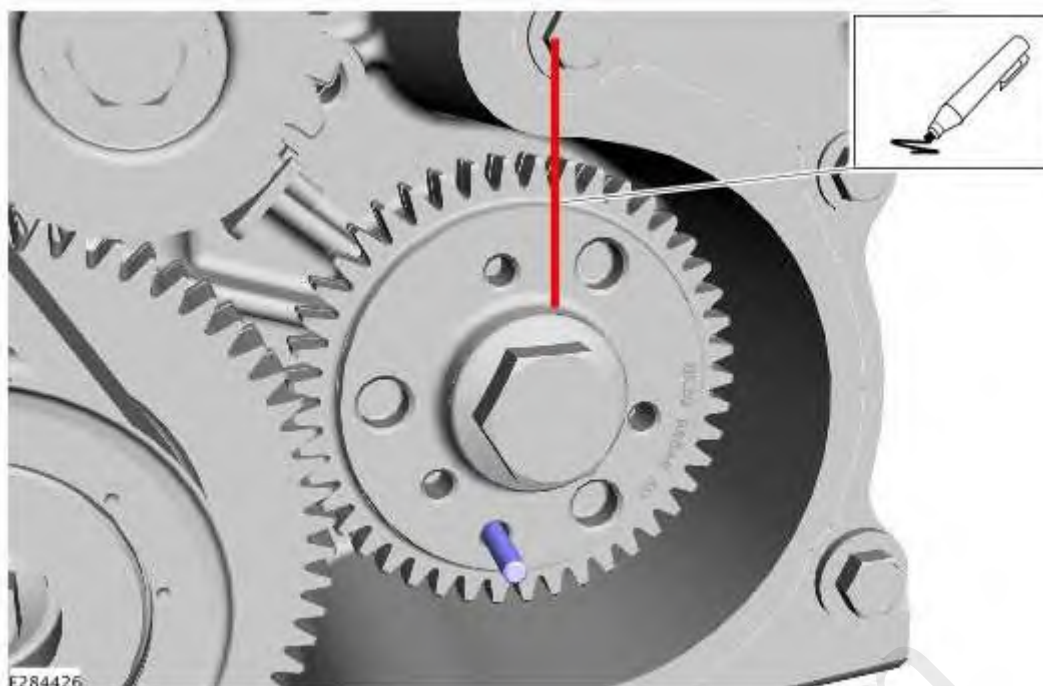


9. Max Length 32mm.

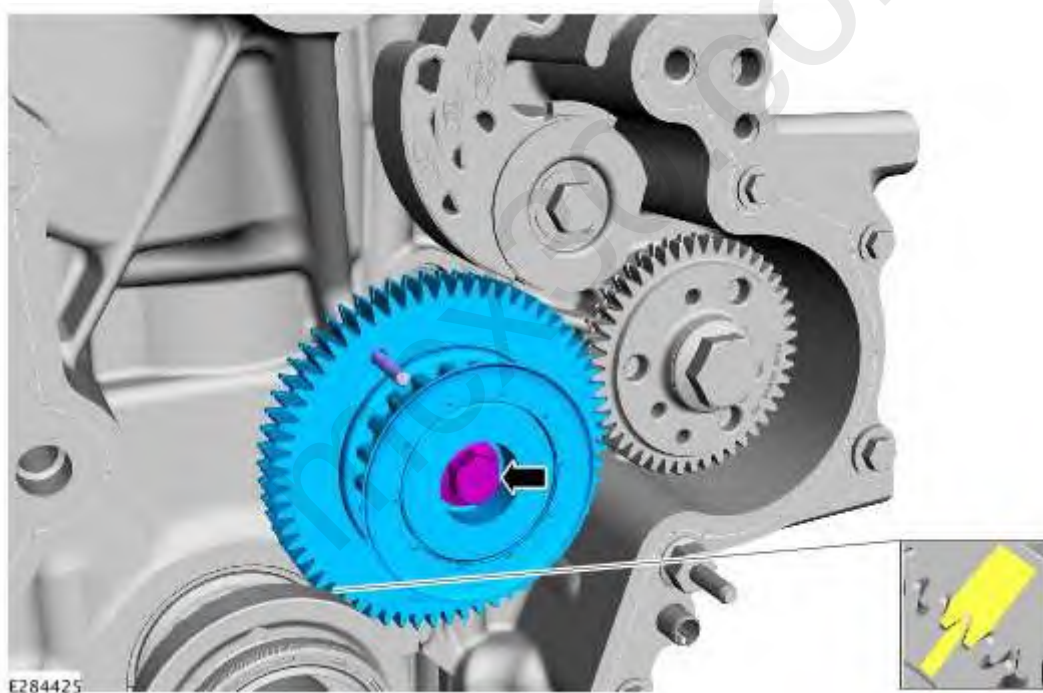
Install the General Equipment: [4 mm Drill Bit](#)



10. *Install Special Service Tool: [303-1635](#).*



11. NOTE: Discard the bolt.



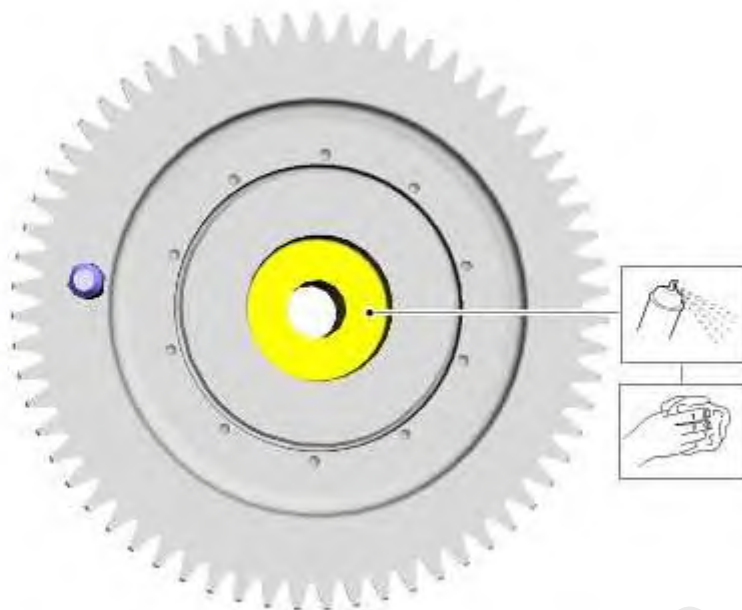
Installation

1. NOTICE:

 Make sure that the surface is clean and free of foreign material.

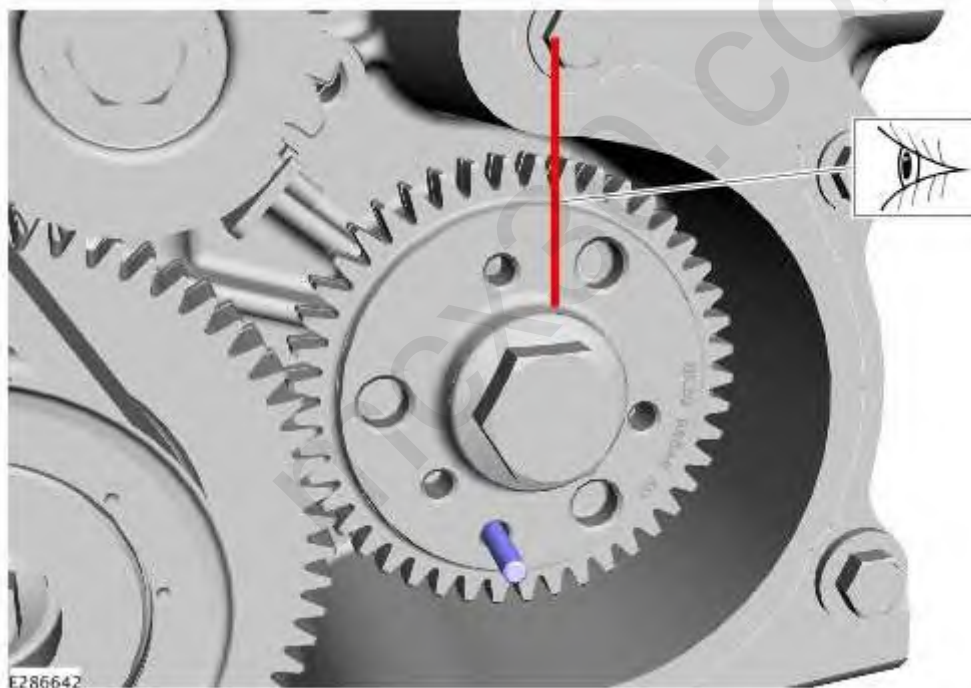
 Use lint free cloth.

Material: - (Clutch and Brake Cleaner)



E253431

2.



E286642

3. NOTE: Make sure that a new component is installed.
 NOTE: Make sure that the installation marks are aligned.
 NOTE: Make sure a new bolt is installed.
 NOTE: Install the bolt finger tight before final tightening.

Torque:

Standard bolts torque

Stage 1: 60 Nm

Stage 2: Loosen: 90°

Stage 3: 20 Nm

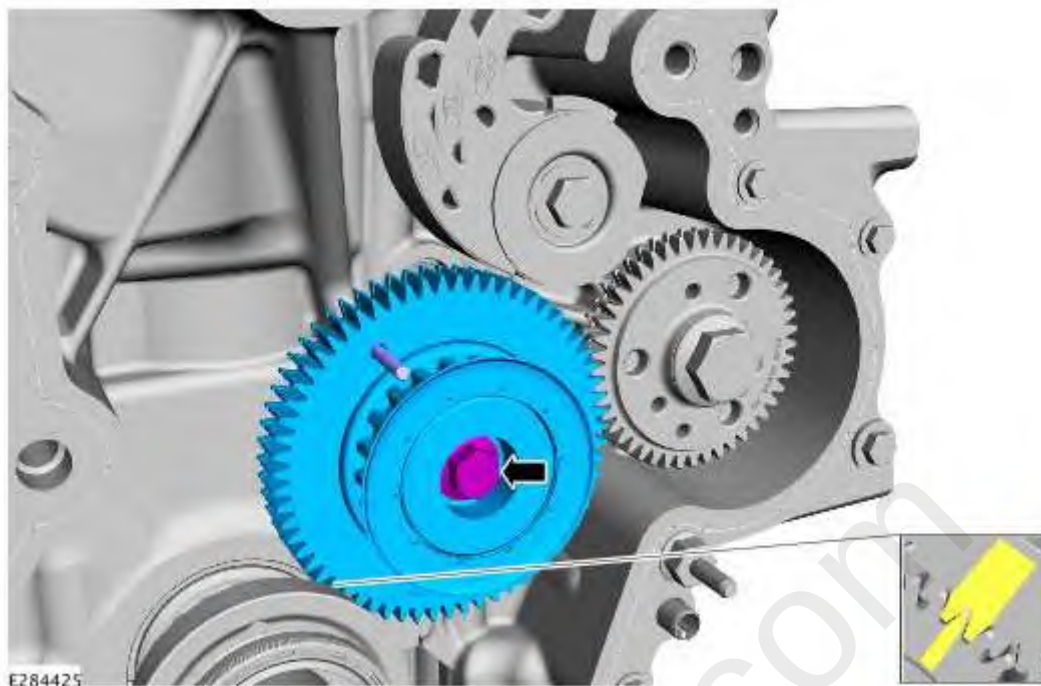
Stage 4: 45 Nm

Stage 5: 45°

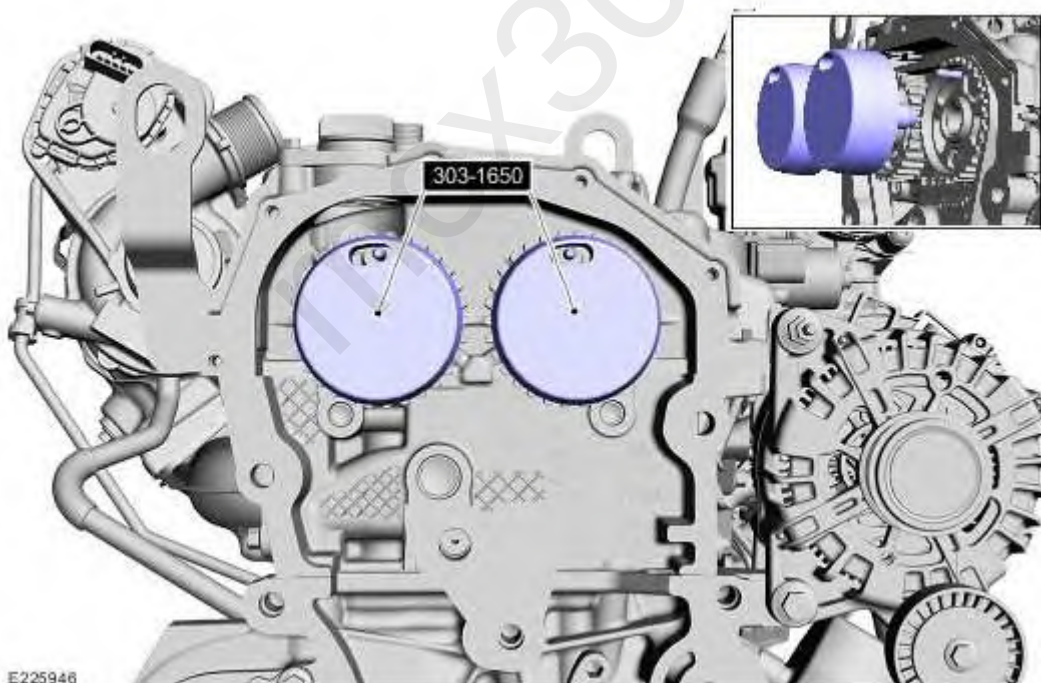
Self-locking bolts torque

Stage 1: 60 Nm

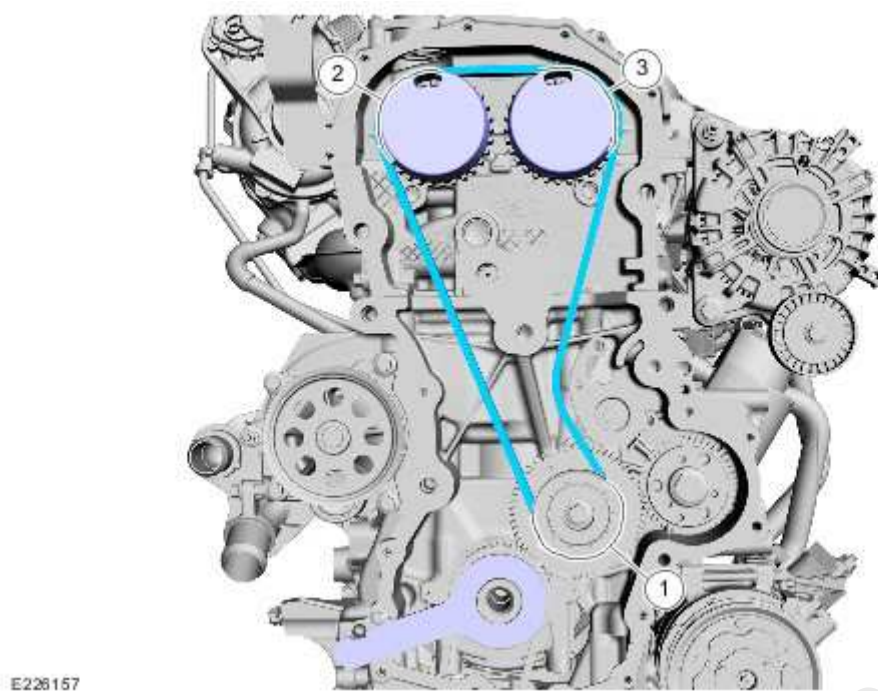
Stage 2: Loosen: 90°
Stage 3: 20 Nm
Stage 4: 30 Nm
Stage 5: 60°



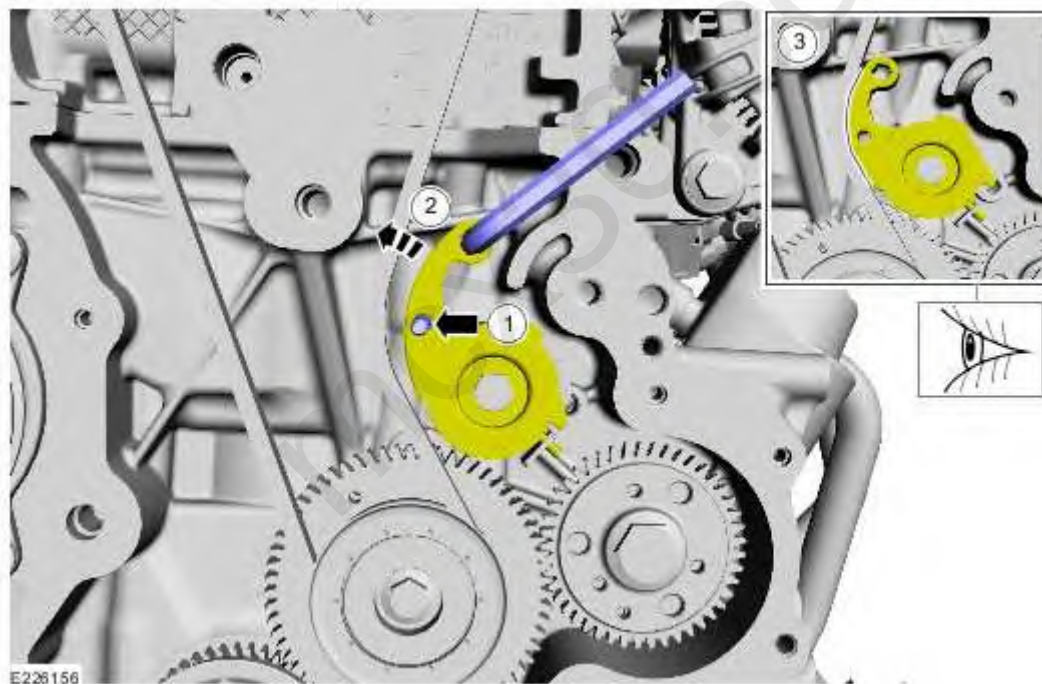
4. Install Special Service Tool: [303-1650](#).



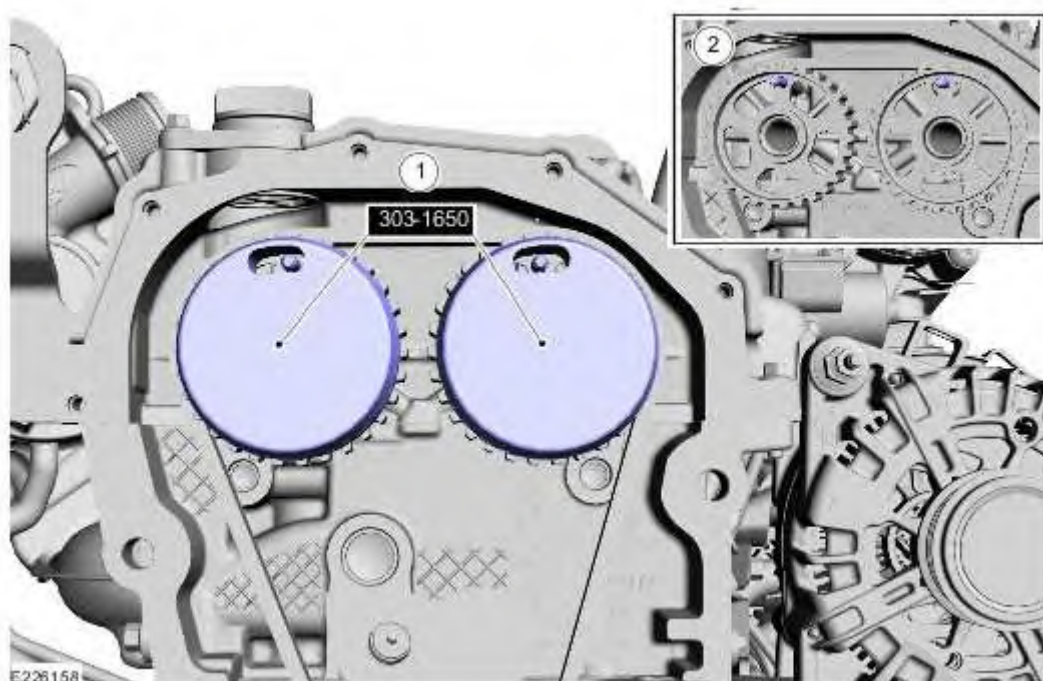
5.  **NOTICE:** Take extra care when handling the component.
NOTE: Make sure that a new component is installed.



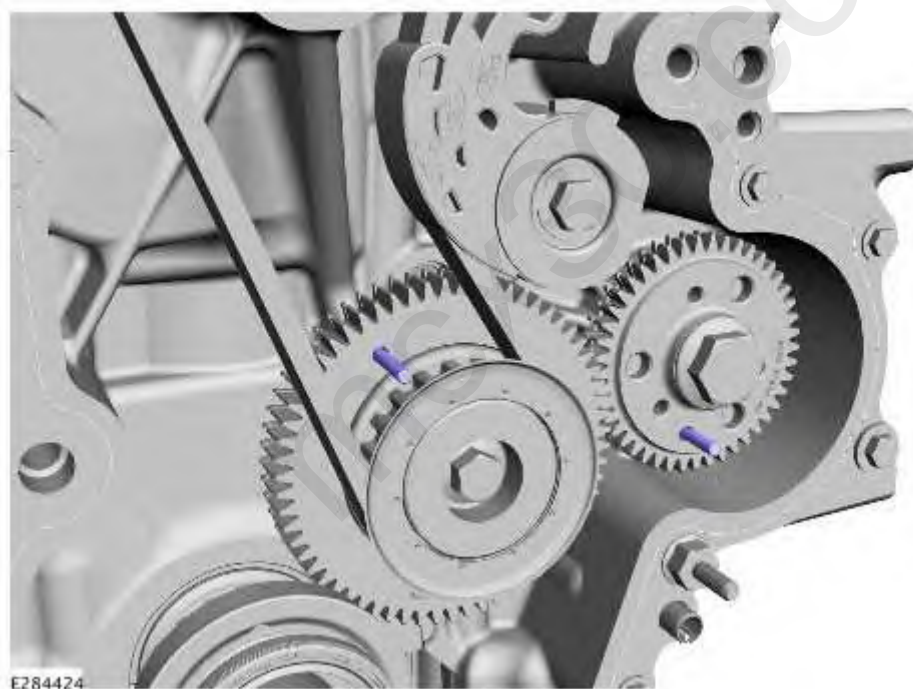
6. Remove the General Equipment: 6 mm Drill Bit



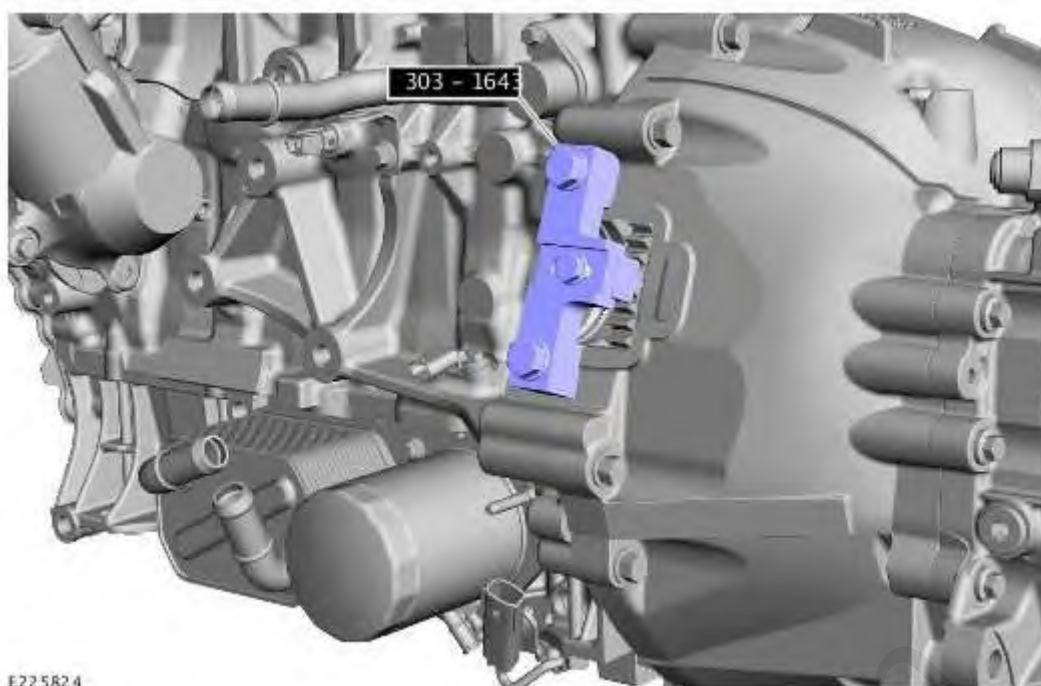
7. Remove Special Service Tool: 303-1650.
Remove the General Equipment: 6 mm Drill Bit



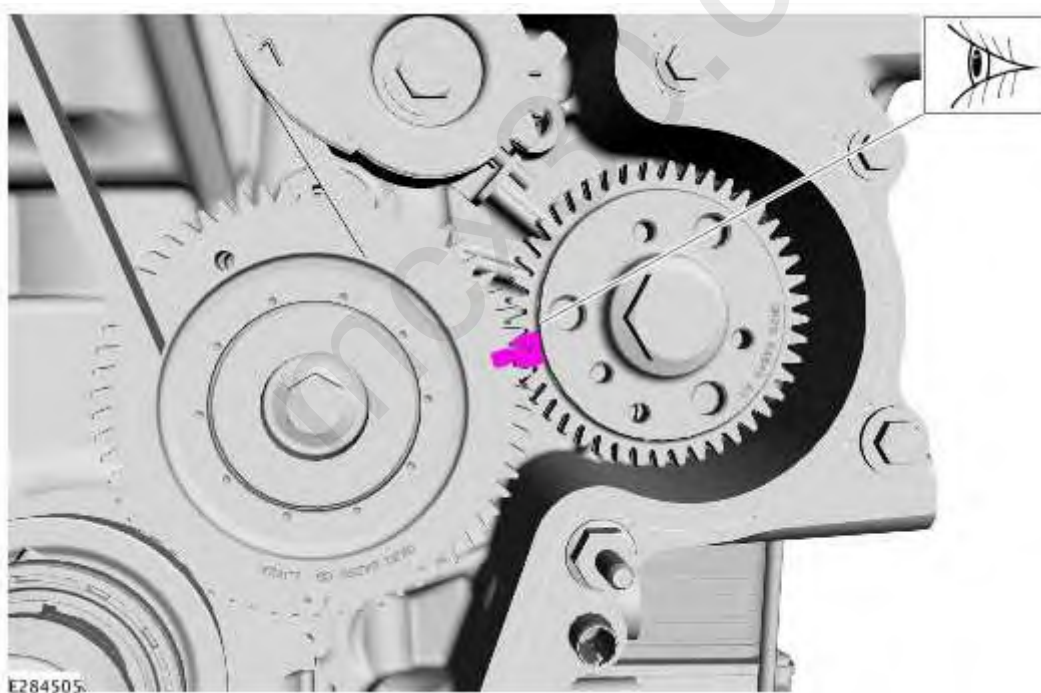
8. Remove the General Equipment: [4 mm Drill Bit](#)



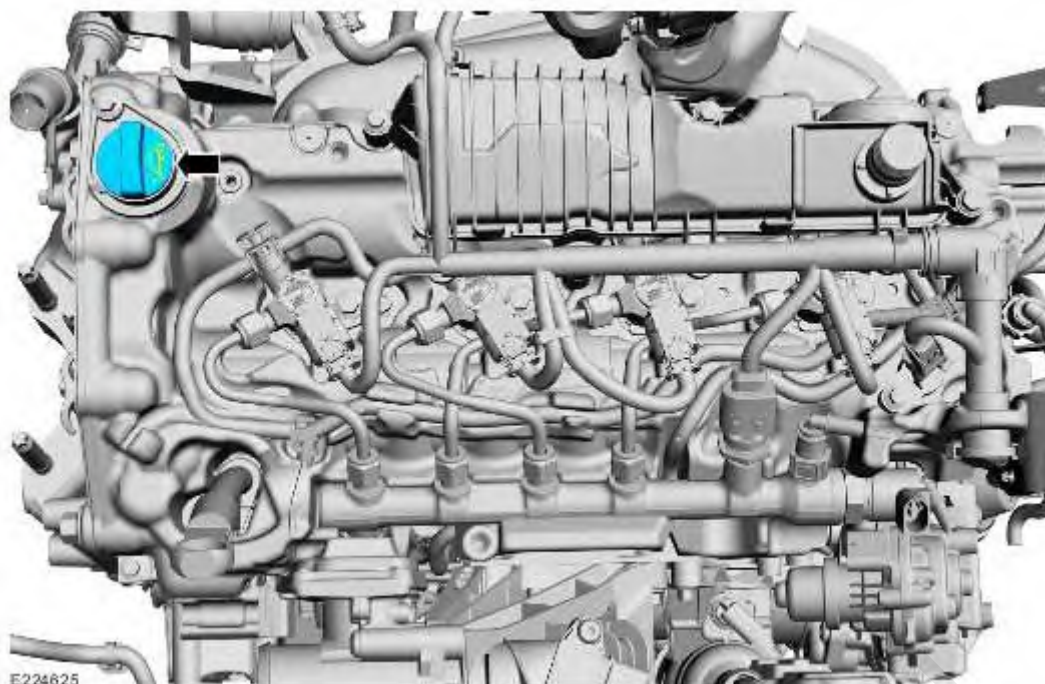
9. Remove Special Service Tool: [303-1643](#).



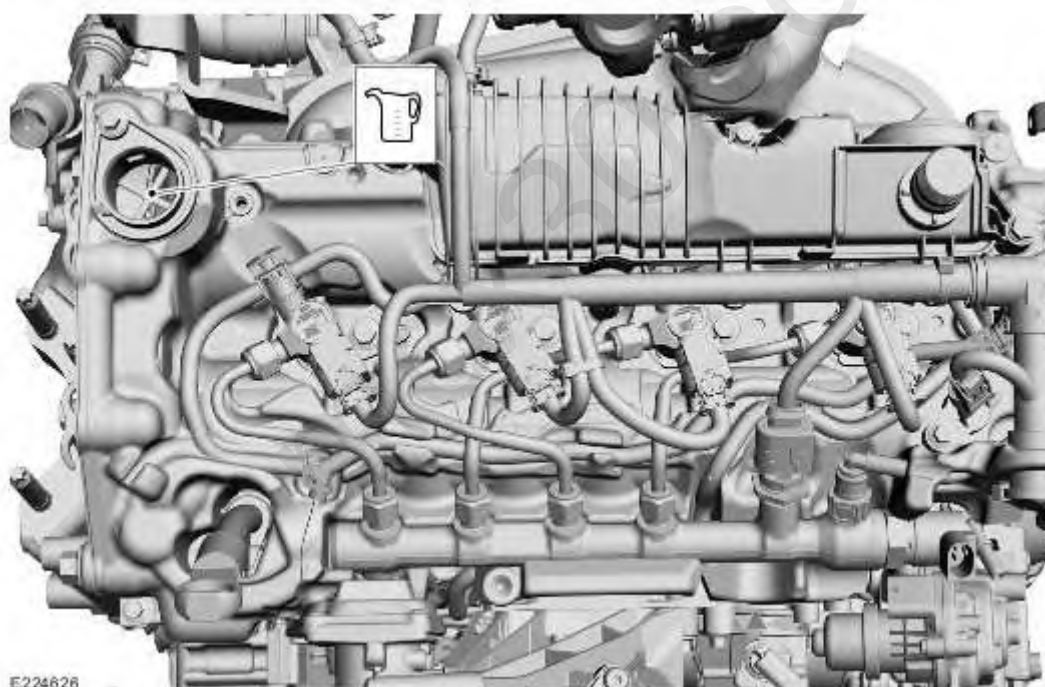
10.  **NOTICE:** Only rotate the crankshaft clockwise.
Torque: 2.25 turn(s)



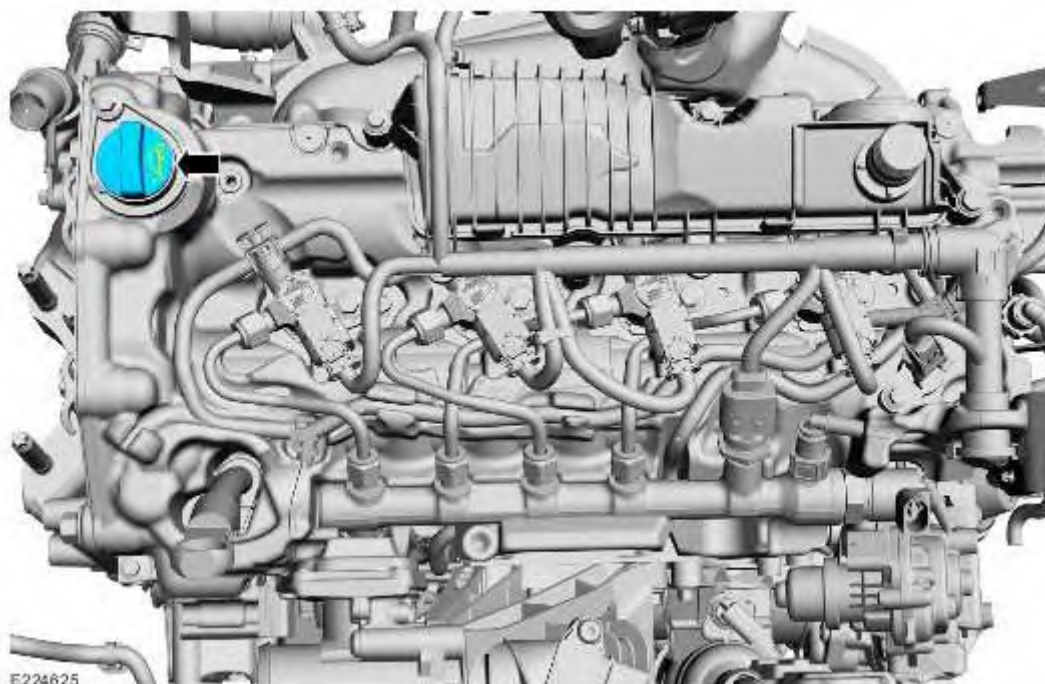
11. Refer to: [Timing Cover](#) (303-01A Engine, Removal and Installation).
12.



13. Refer to: [Specifications](#) (303-01A Engine, Specifications).



14.



15. Run the High Pressure Fuel System Reset in FDRS.