

## Removal and Installation

### General Equipment

|                 |
|-----------------|
| Fluid Container |
|-----------------|

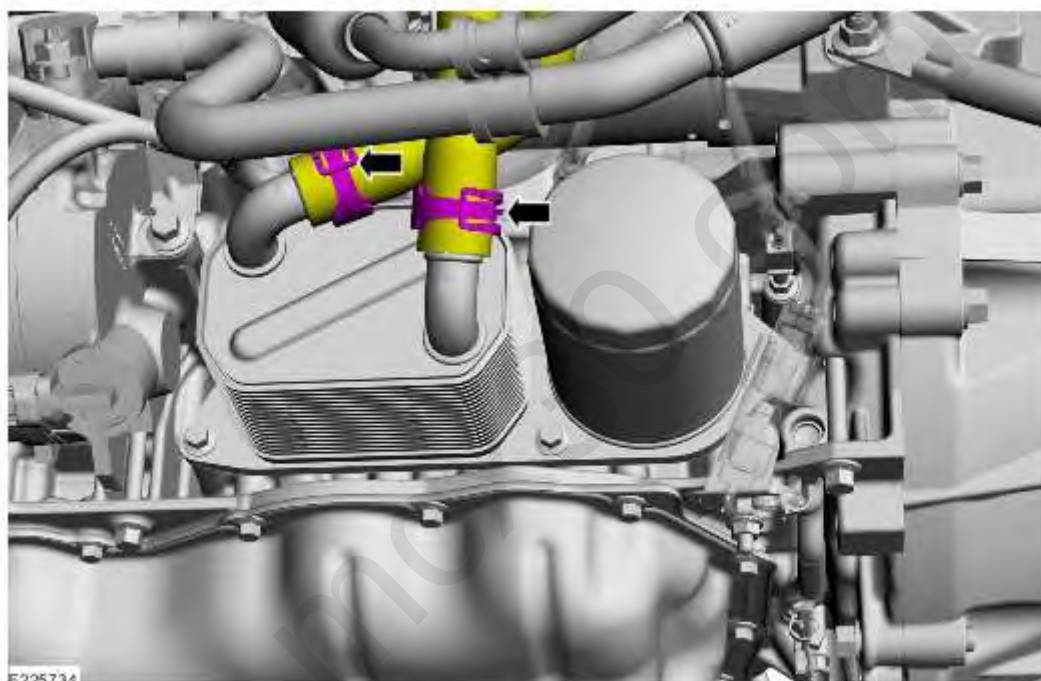
|                              |
|------------------------------|
| Hose Clamp Remover/Installer |
|------------------------------|

### Removal

**NOTE:** Removal steps in this procedure may contain installation details.

1. Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03A Engine Cooling, General Procedures).  
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. **NOTE:** Be prepared to collect escaping fluid.

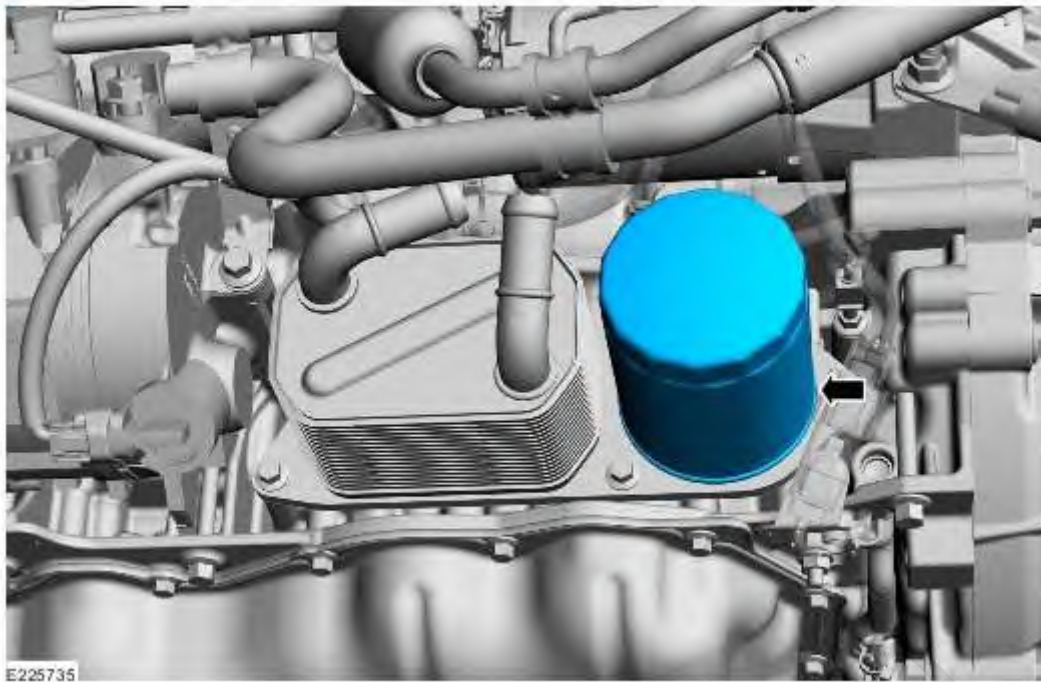
*Use the General Equipments:* [Fluid Container](#), [Hose Clamp Remover/Installer](#)



3. **NOTE:** Component(s) must be lubricated with clean engine oil.  
**NOTE:** Be prepared to collect escaping fluid.

*Use the General Equipment:* [Fluid Container](#)

*Torque:* 15 Nm



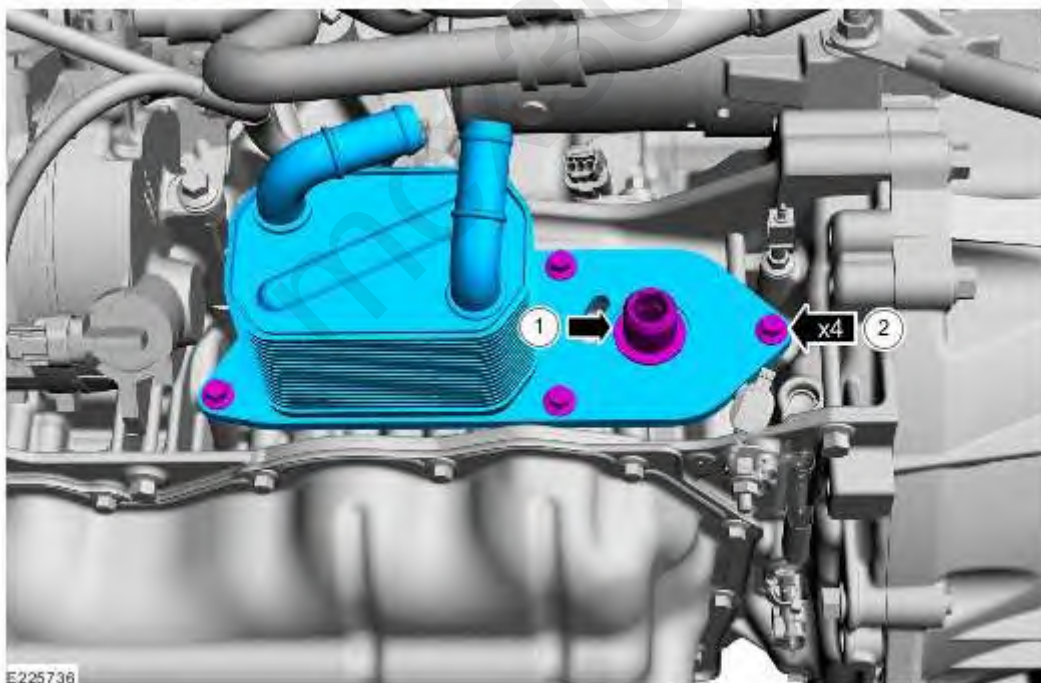
4. **NOTE:** Be prepared to collect escaping fluids.  
**NOTE:** Install all the bolts finger tight before final tightening.

Use the General Equipment: **Fluid Container**

Torque:

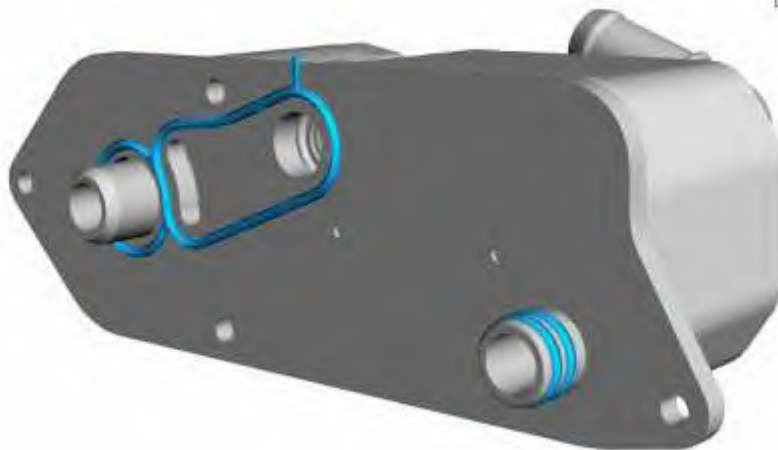
1 55 Nm

2 10 Nm



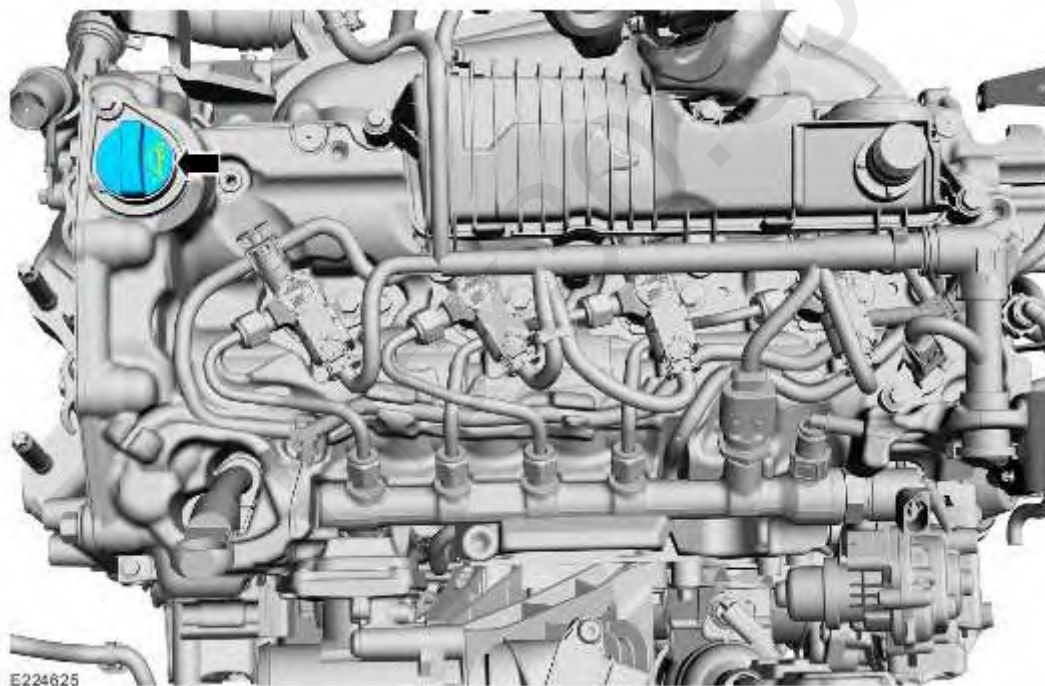
## Installation

1. To install, reverse the removal procedure.
2. **NOTE:** Make sure that the seal is correctly located.



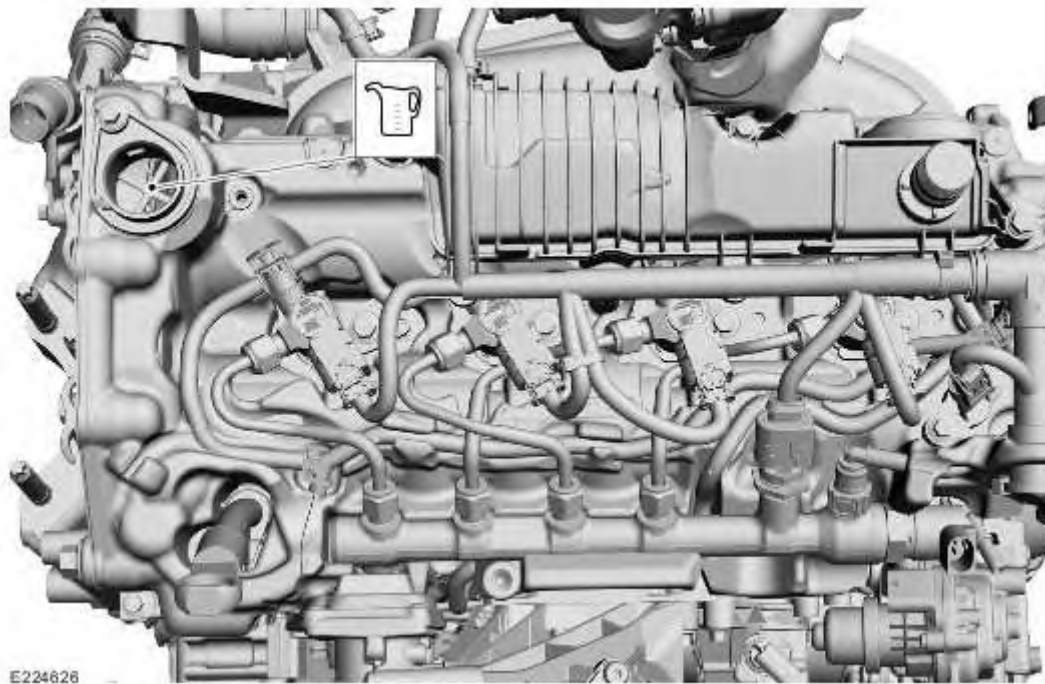
E225821

3.



E224625

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



5.

