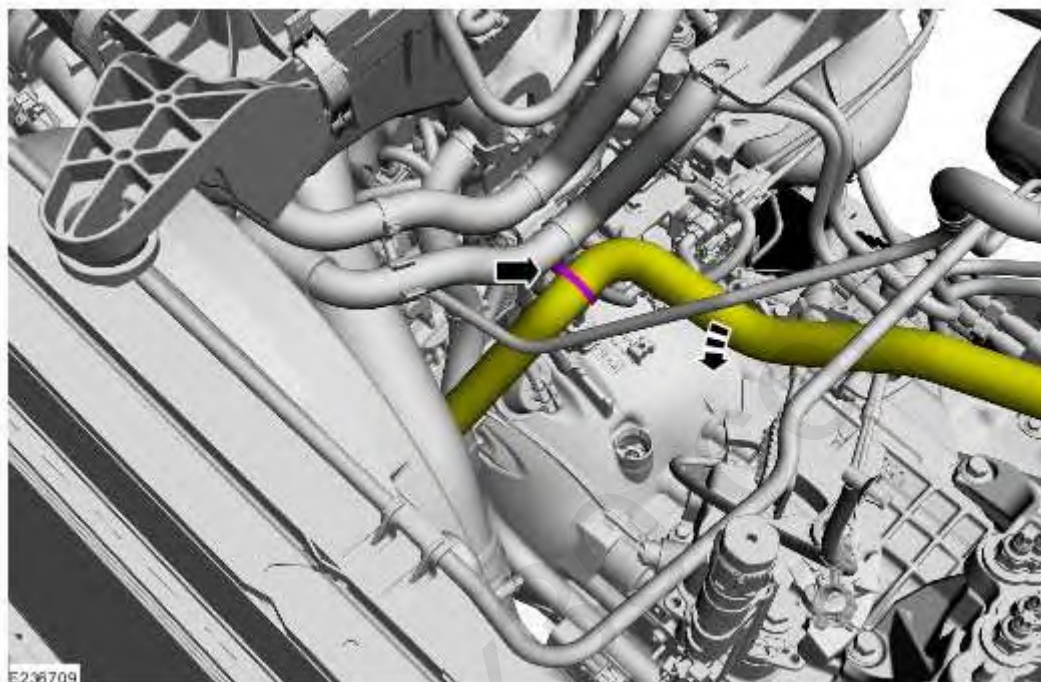


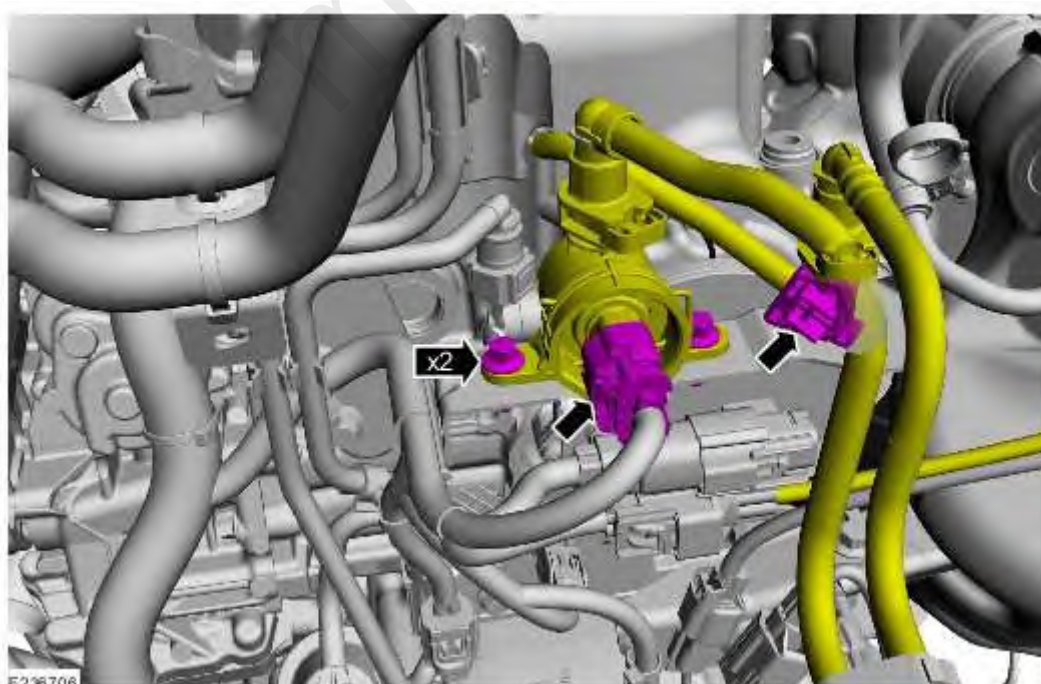
Removal and Installation

Removal

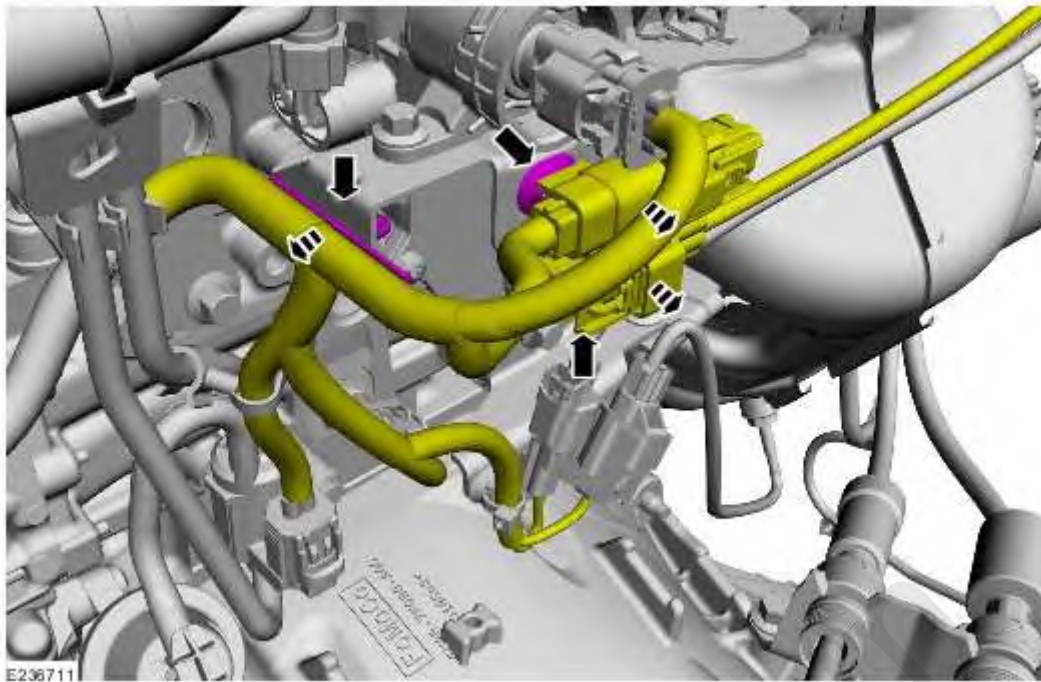
1. Refer to: [Air Cleaner](#) (303-12A Intake Air Distribution and Filtering, Removal and Installation).
- 2.



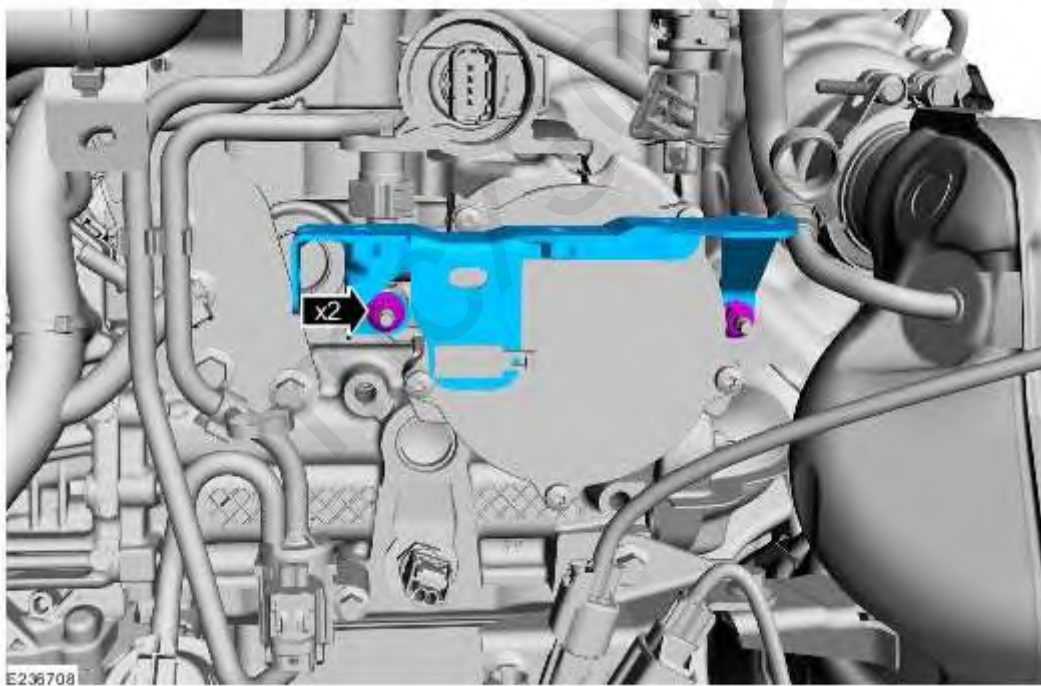
3. *Torque: 10 Nm*



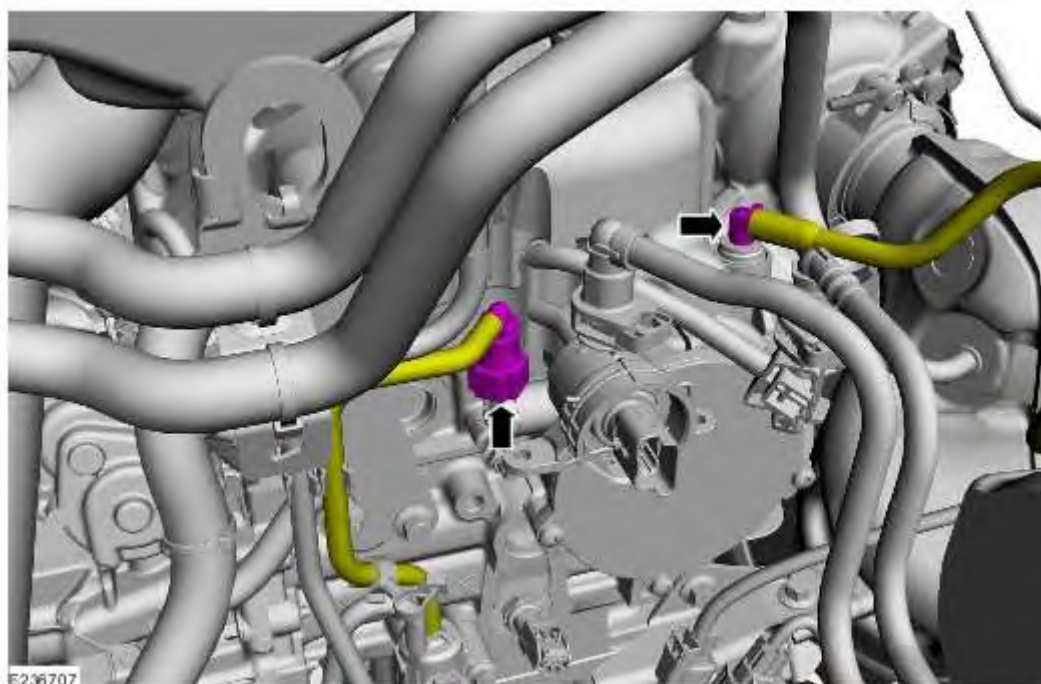
4.



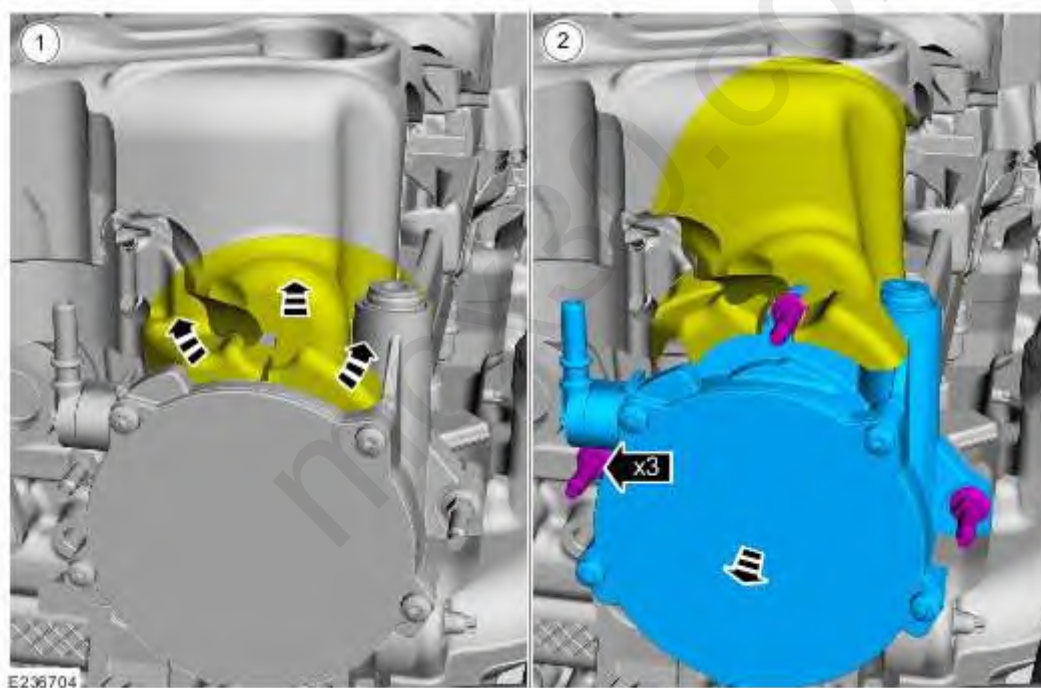
5. Torque: 10 Nm



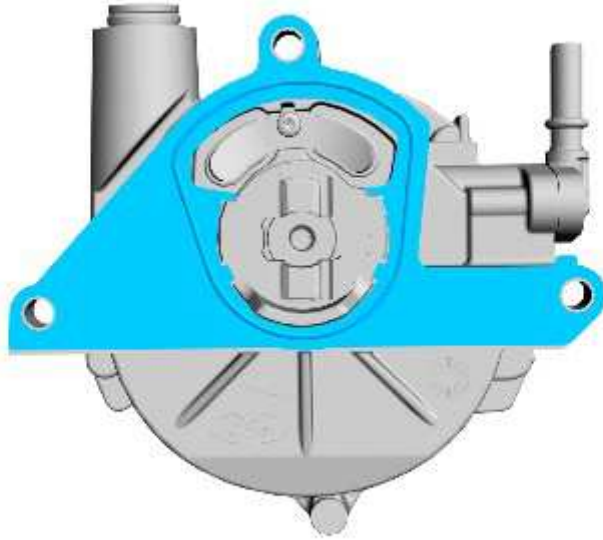
6.



7.



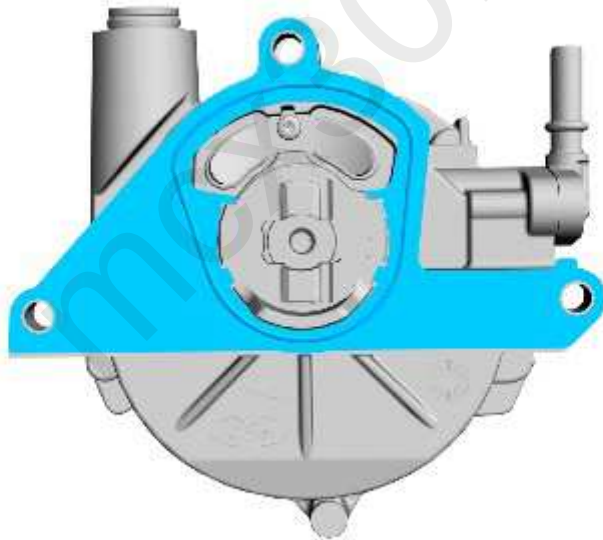
8.



E236213

Installation

1. NOTE: Make sure a new component is installed.
NOTE: Make sure that the mating faces are clean and free of foreign material.

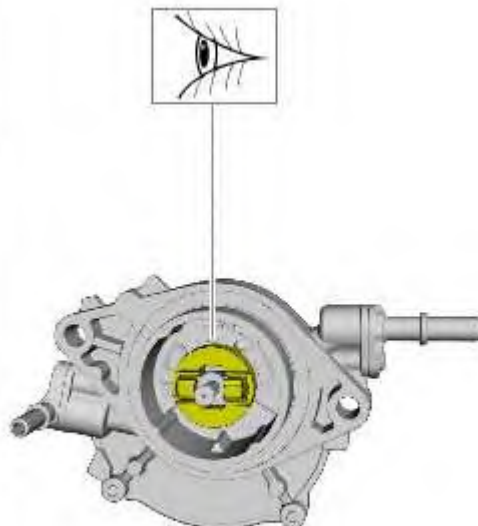


E236213

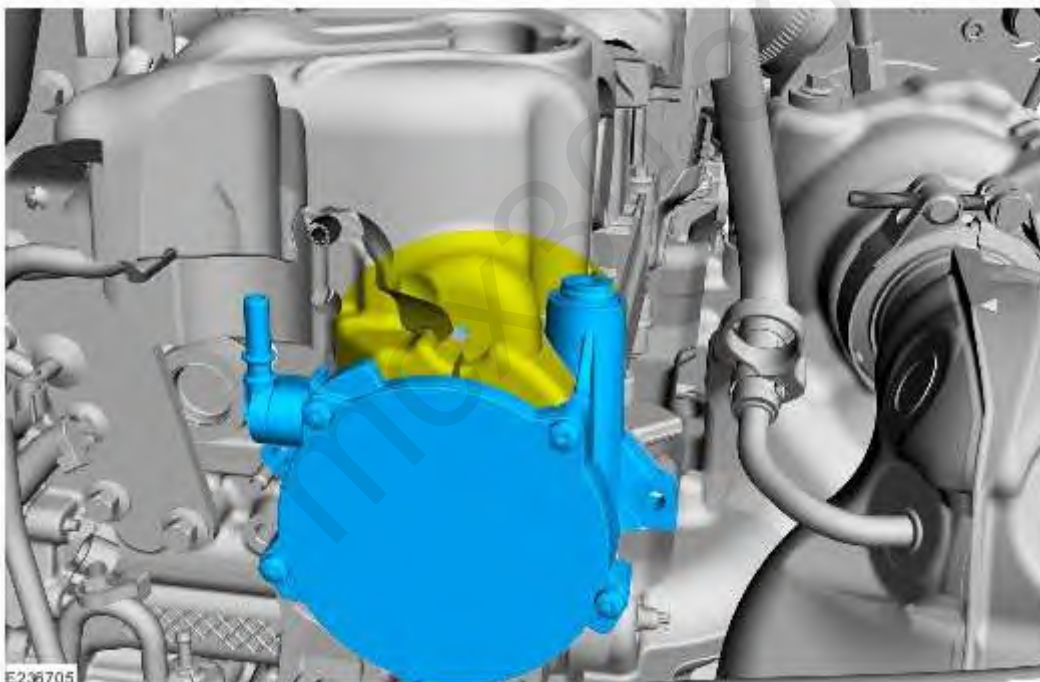
2.  NOTICE: Align the camshaft and vacuum pump couplings correctly or damage to the camshaft or vacuum pump may occur.



E187737

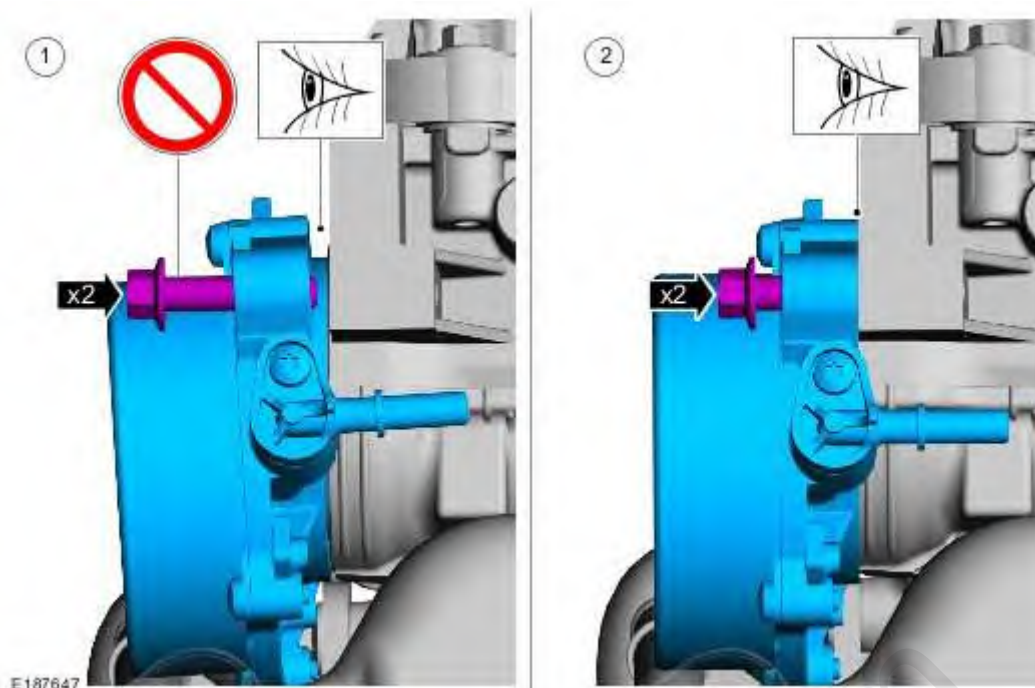


3.



E236705

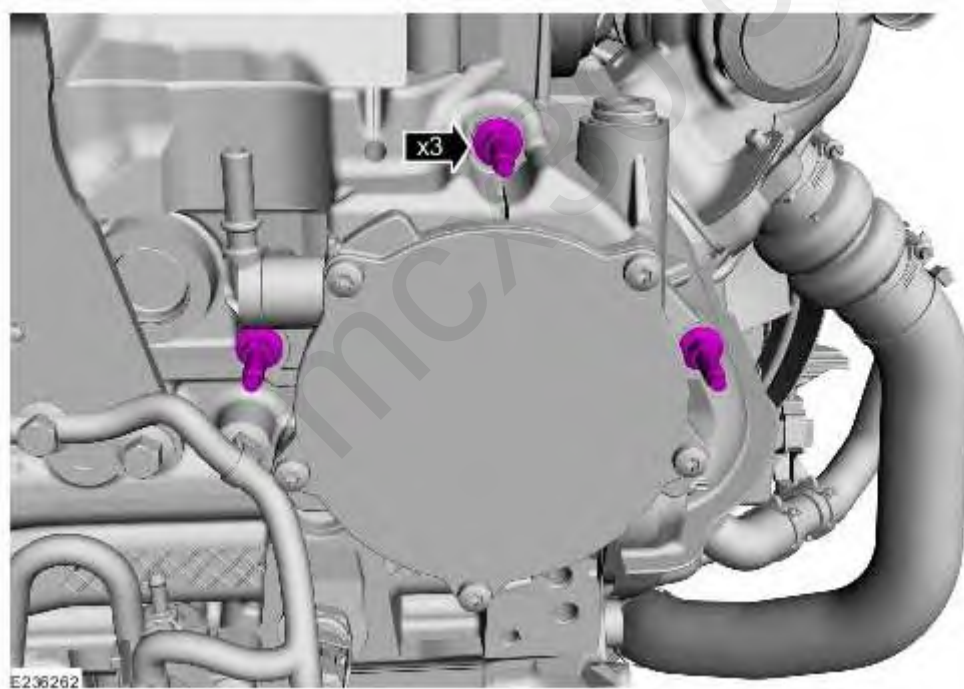
4. NOTE: Make sure that the mating faces are clean and free of foreign material.
 1. NOTE: Before fitting bolts, check that the vacuum pump couple drive and camshaft keyway are aligned. If a gap is present between vacuum pump and cylinder head, do not fit and run bolts.
NOTE: Under no circumstances should the retaining bolts be tightened if a gap between pump and head faces is present.
 2. NOTE: Only tighten the bolts finger tight at this stage.



5. *Torque:*

Stage 1: 5 Nm

Stage 2: 10 Nm



6. To install, reverse the removal procedure.