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2020.0 DEFENDER (LE), 303-05C

ACCESSORY DRIVE - INGENIUM I6 3.0L PETROL

VISCOUS COOLING FAN DRIVE BELT (G2327924)

mcx30.com

SPECIAL TOOL(S)



E241320

JLR-303-1667

Holding Tool, Cooling Fan Pulley

REMOVAL



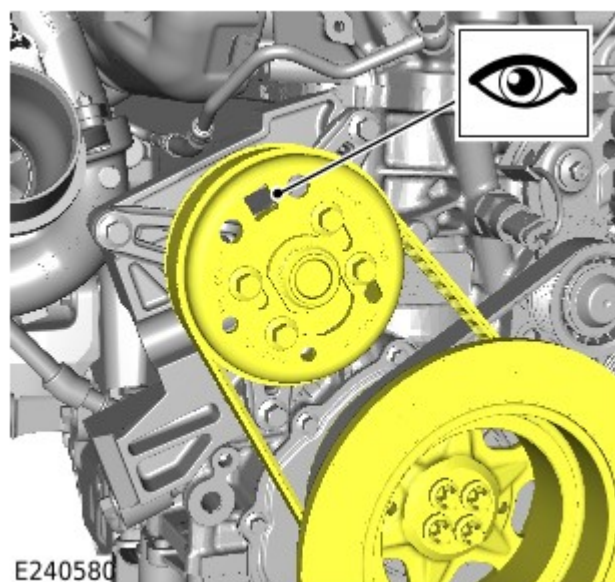
NOTE:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1. Remove the viscous cooling fan.

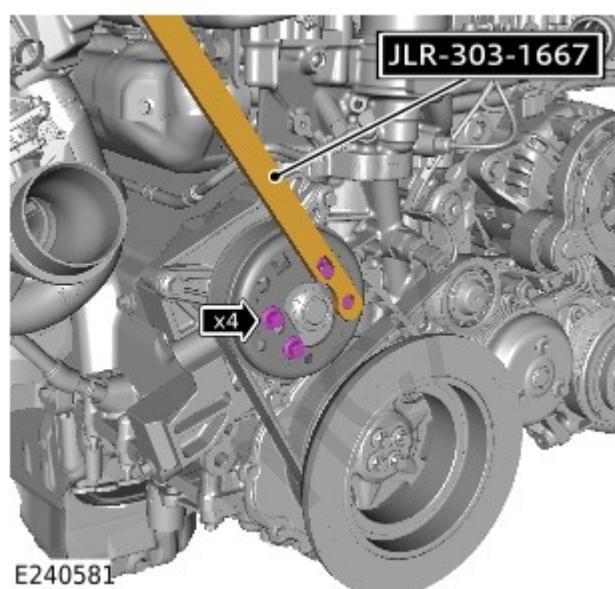
Refer to: [Viscous Cooling Fan](#) (303-03C Engine Cooling - INGENIUM I6 3.0L Petrol, Removal and Installation).

2.



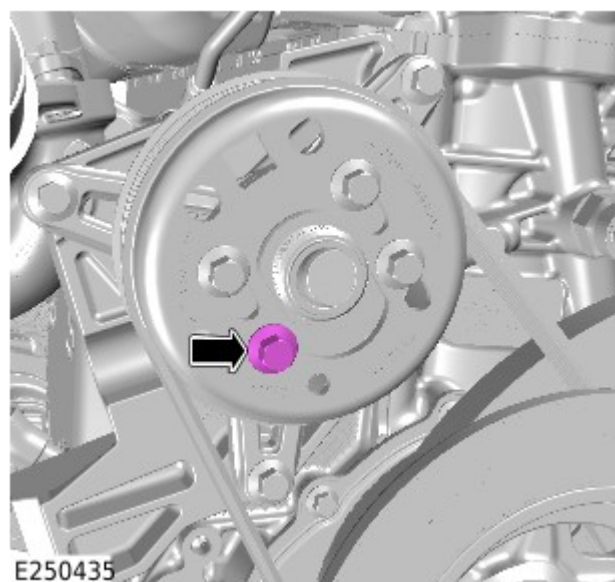
Rotate the crankshaft in a **clockwise** direction until the pulley reaches the position illustrated.

3.



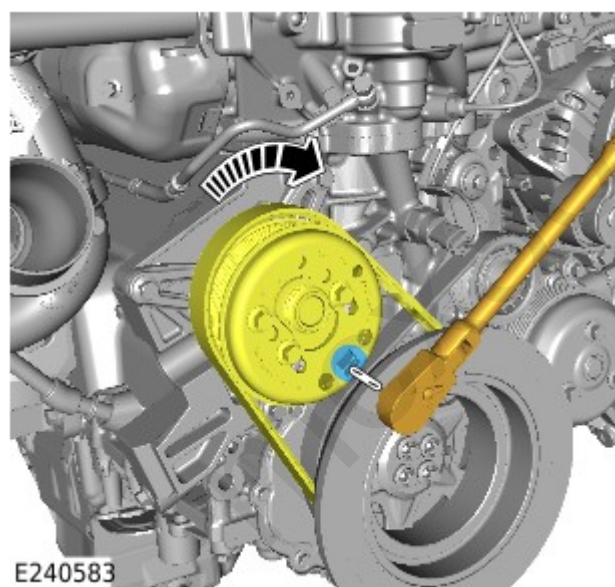
- Use the special tool to prevent the pulley from rotating when loosening the 4 bolts.
Special Tool(s): [JLR-303-1667](#)
- Loosen, but do not fully remove 4 the bolts.

4.



Fully remove the fixed positioned bolt as illustrated.

5.

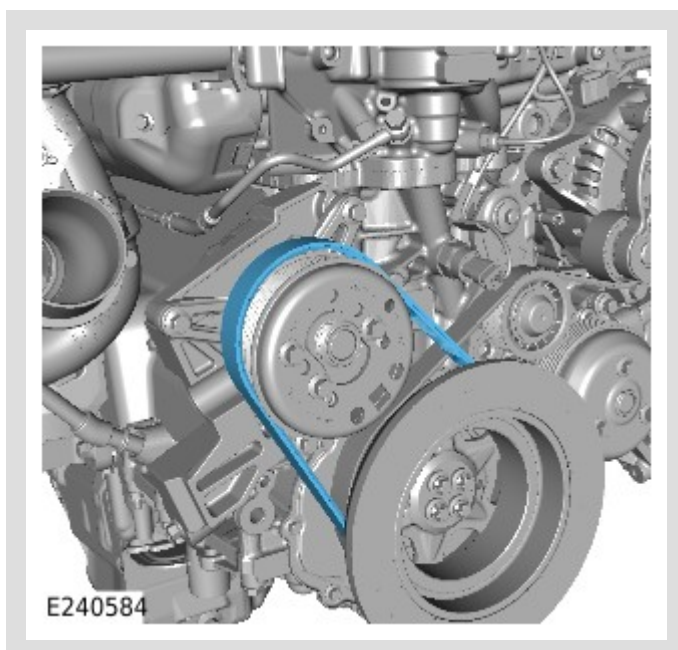


Use a suitable tool to rotate the pulley to the position illustrated.

6.

 NOTE:

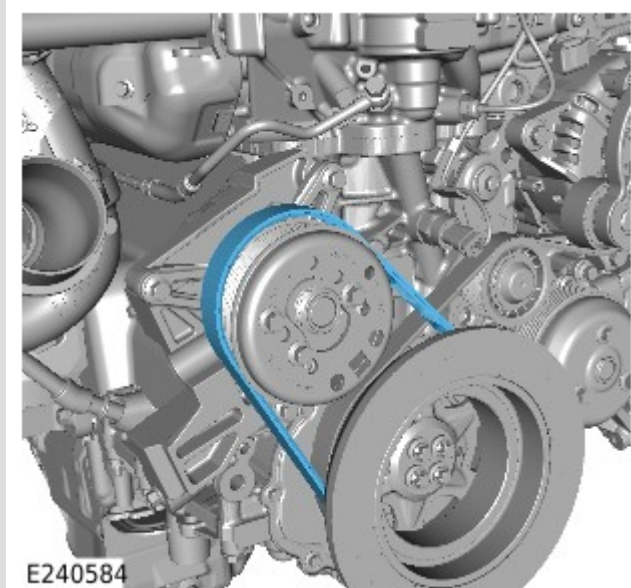
Make sure the pulley is in the position illustrated before removing the belt.



Remove the viscous cooling fan drive belt.

INSTALLATION

1.

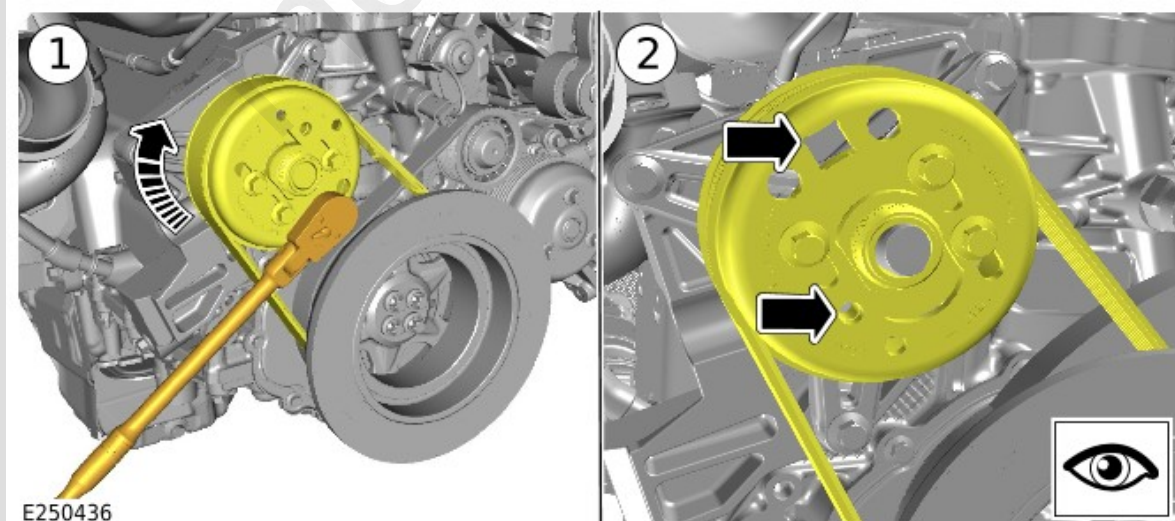


Install the viscous cooling fan drive belt.

2.

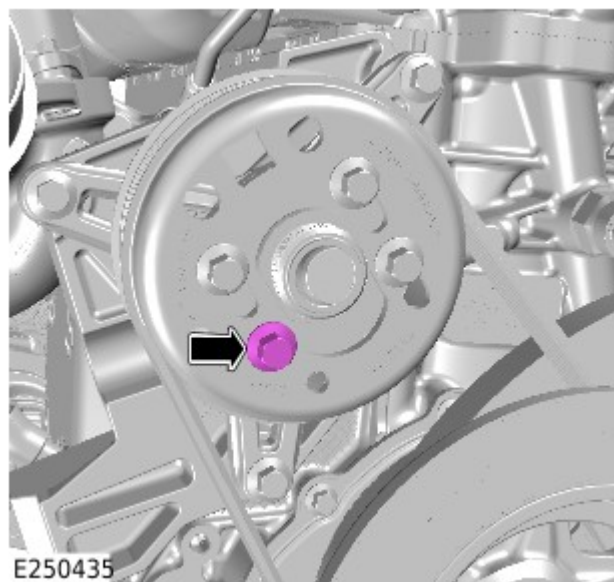
NOTE:

- During the rotation of the pulley, expect the pulley to snap down into position.
- If the pulley does not snap down into the correct position, loosen the bolts half a turn.



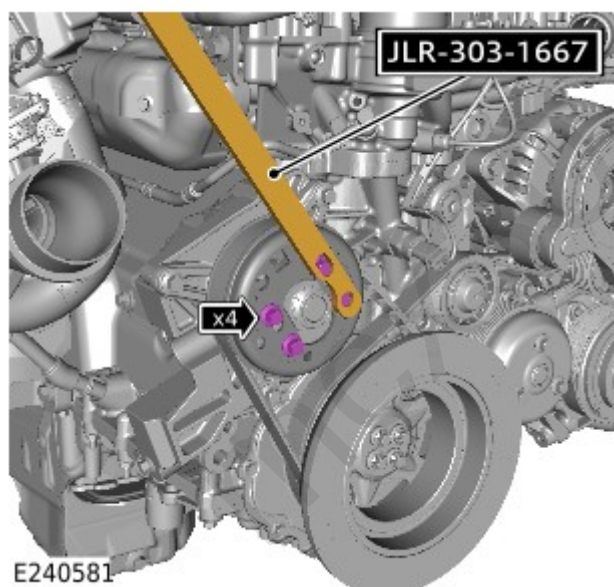
Use a suitable tool to rotate the pulley to the position illustrated.

3.



Install the illustrated bolt finger tight.

4.

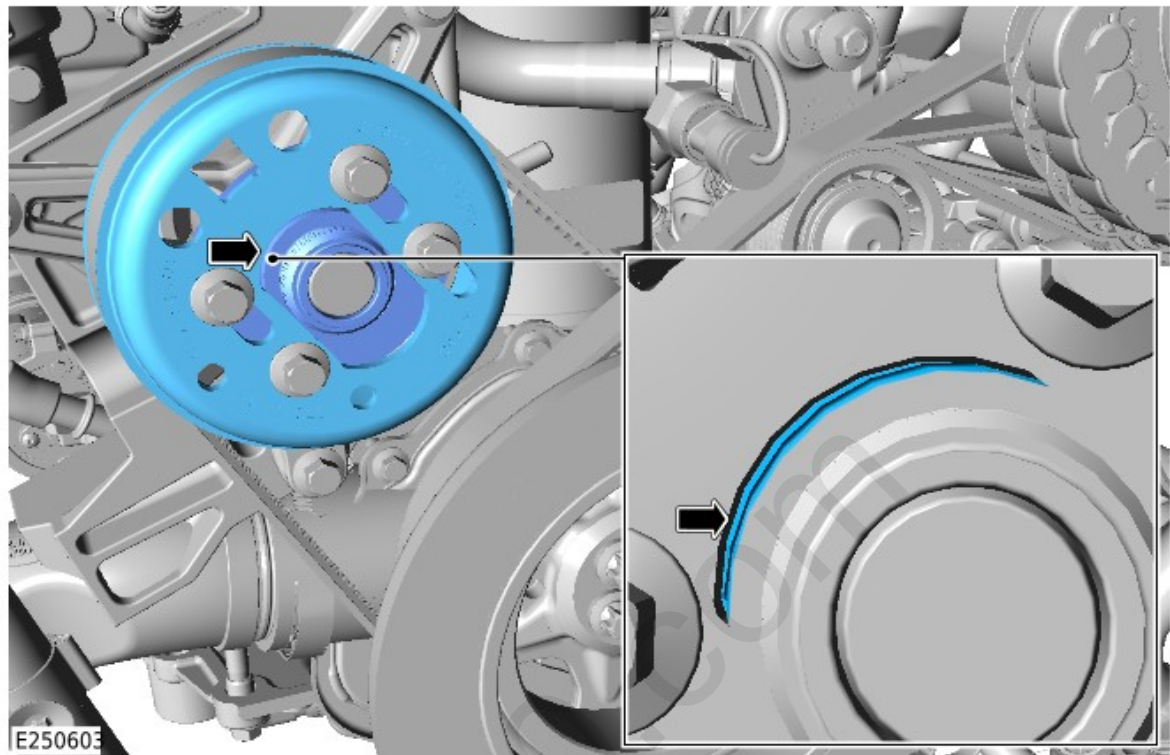


- Use the special tool to prevent the pulley from rotating when tightening the 4 bolts.
Special Tool(s): [JLR-303-1667](#)
- Tighten the 4 bolts.
Torque: **30Nm**

5.

⚠ CAUTION:

This step must be completed, failure to complete this step may result in damage to the viscous cooling fan bracket.



- Measure the gap between the viscous cooling fan pulley and the viscous cooling fan bracket.
- If the gap is 0.15 mm or less, continue to step 6.
- If the gap is greater than 0.15 mm, re-adjust the viscous cooling fan belt.

6. Install the viscous cooling fan.

Refer to: [Viscous Cooling Fan](#) (303-03C Engine Cooling - INGENIUM I6 3.0L Petrol, Removal and Installation).