

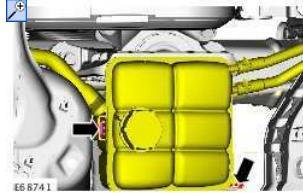
**Removal and Installation****Special Tool(s) / General Equipment**

	303-1054 Locking Tool, Timing Belt Tensioner 3031054
	303-1179 Holding Wrench, Crankshaft E62035
Trolley Jack	
Two Leg Puller	

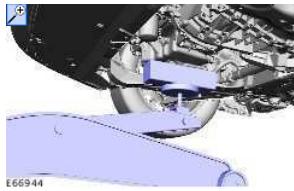
**Removal**

1. Refer to: [Air Conditioning \(A/C\) Compressor Belt](#) (303-05B Accessory Drive - 2.5L Duratec-RS (224kW/305PS) - VI5/2.5L Duratec-ST (166kW/226PS) - VI5, Removal and Installation).

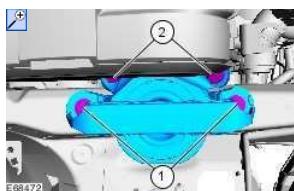
2.



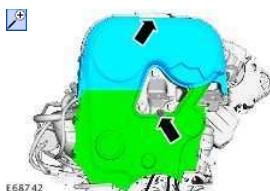
3. Use the General Equipment: [Trolley Jack](#)



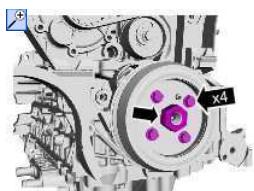
4.



5.



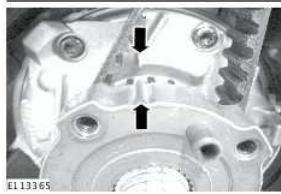
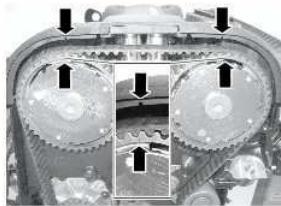
6.



7. Use the General Equipment: [Two Leg Puller](#)

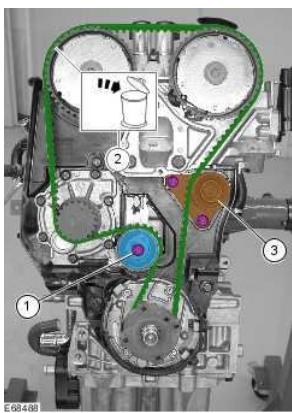


8. **⚠ NOTICE:** Make sure that the installation marks are aligned.



Vehicles with mechanical timing belt tensioner

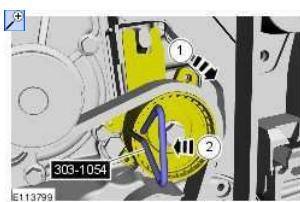
9.



Vehicles with automatic timing belt tensioner

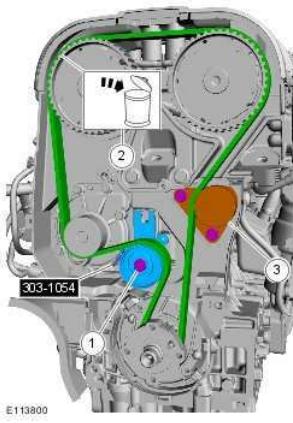
10. **⚠ WARNING:** Take extra care when handling the compressed spring.

Install Special Service Tool: [303-1054](#).



11. **⚠ WARNING:** Take extra care when handling the compressed spring.

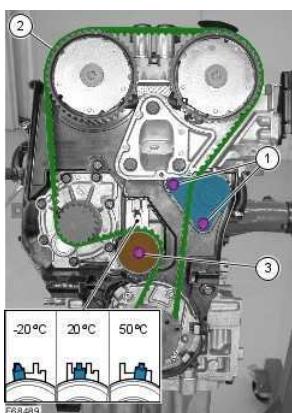
Use Special Service Tool: [303-1054](#).



### Installation

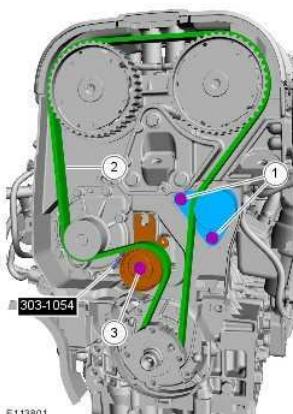
Vehicles with mechanical timing belt tensioner

1. NOTE: Make sure that new components are installed.
  1. Torque: 25 Nm
  - 2.
  3. Torque: 25 Nm

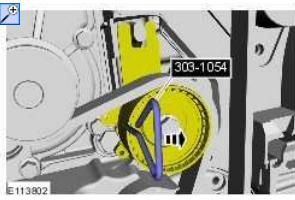


Vehicles with automatic timing belt tensioner

2. NOTE: Make sure that new components are installed.
  1. Torque: 25 Nm
  - 2.
  3. Use Special Service Tool: **303-1054**.  
Torque: 25 Nm

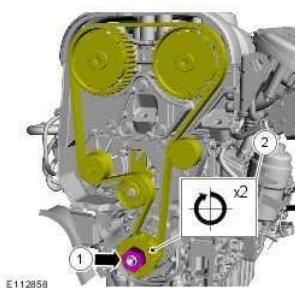


3.  **WARNING:** Take extra care when handling the compressed spring.  
Remove Special Service Tool: **303-1054**.

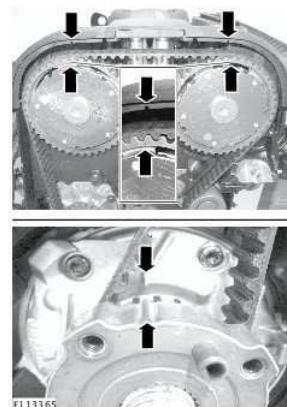


All vehicles

4.



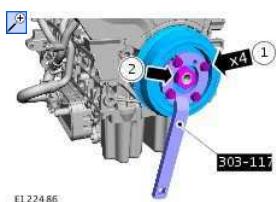
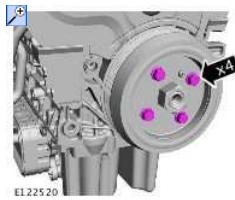
5. **⚠️ NOTICE:** Make sure that the installation marks are aligned.

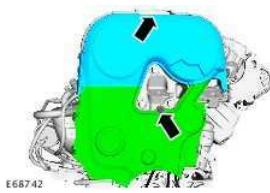
6. 1. **NOTE:** Only tighten the bolts finger tight at this stage.

Install Special Service Tool: 303-1179.

2. **Torque:** 180 Nm

7. Remove Special Service Tool: 303-1179.

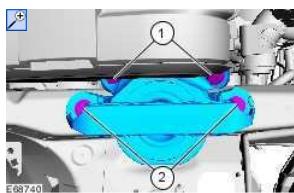
8. **Torque:**Stage 1: 25 Nm  
Stage 2: 60°9. **Torque:** 10 Nm



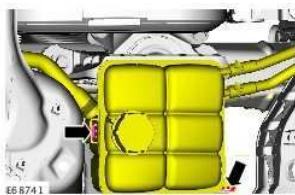
10.

1. *Torque: 115 Nm*

2. *Torque: 90 Nm*



11.



12. Refer to: [Air Conditioning \(A/C\) Compressor Belt](#) (303-05B Accessory Drive - 2.5L Duratec-RS (224kW/305PS) - VI5/2.5L Duratec-ST (166kW/226PS) - VI5, Removal and Installation).