

215: Transmission

V50, 2004, D4204T, MMT6, L.H.D

18/2/2013

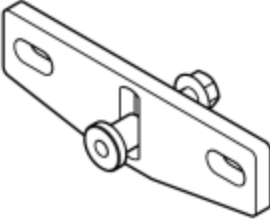
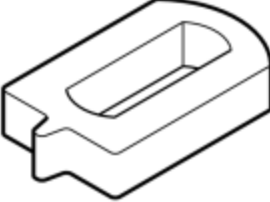

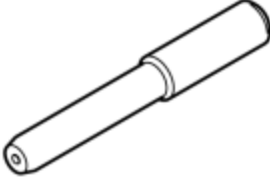


PRINT

215: Transmission

Operation number:
21552-2

Timing belt

Special tools	
	<p>999 7119 Mounting Tool number:999 7119 Tool description:Mounting Tool boards:21</p>
	<p>999 7120 Gear sector Tool number:999 7120 Tool description:Gear sector Tool boards:21</p>
	<p>999 7121 Position adjuster Tool number:999 7121 Tool description:Position adjuster Tool boards:21</p>
	<p>999 7122 Position adjuster Tool number:999 7122 Tool description:Position adjuster Tool boards:21</p>

Removal

Remove the following items:

- starter motor
Refer to:
Starter motor
- the auxiliaries **belt**

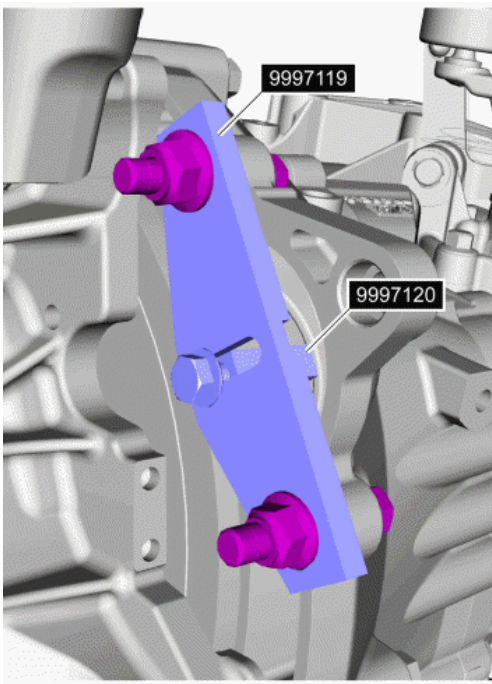
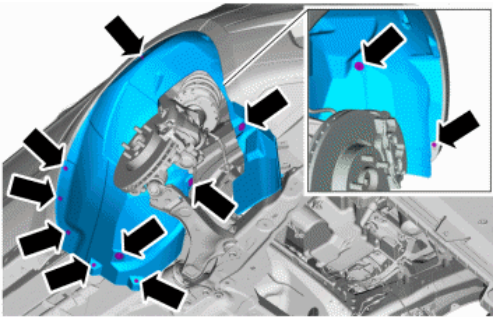
Refer to:
Accessory
Drive Belt
Tensioner

- Engine support insulator, right

Refer to:
Engine Pad
right

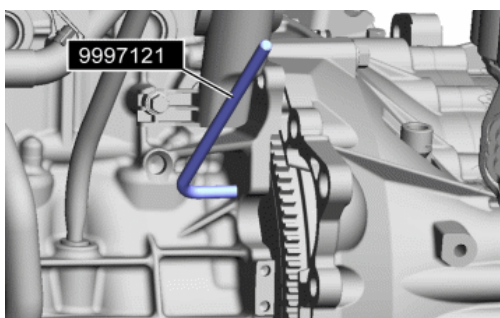
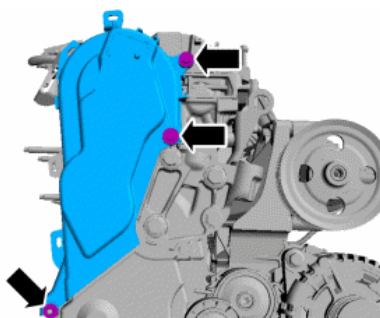
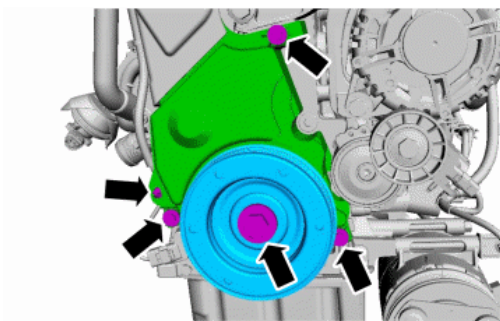
- the right front wheel

Refer to:
Wheels



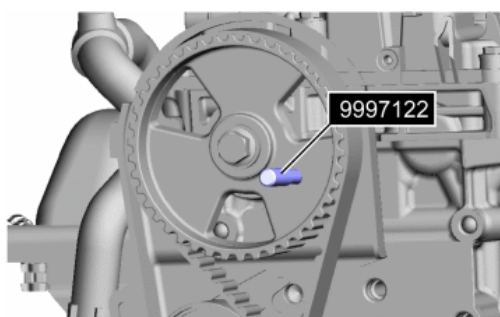
Special Tool: 999 7119

999 7120

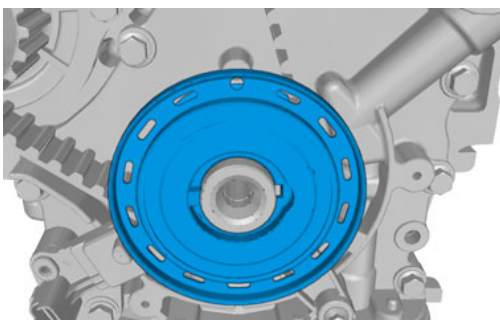


Caution! Make sure that the crankshaft is not rotated while the special tool is installed.

Special Tool: 999 7121

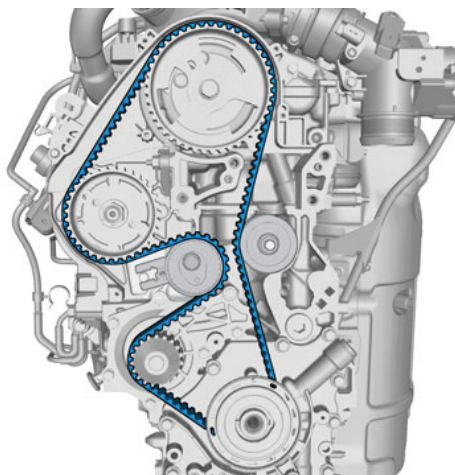
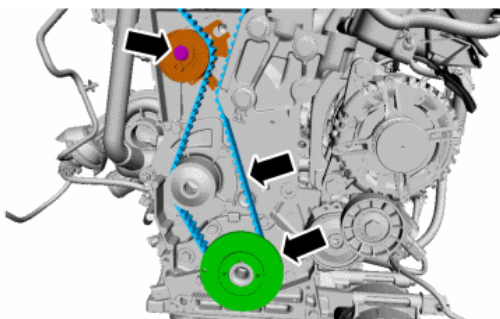


Special Tool: 999 7122

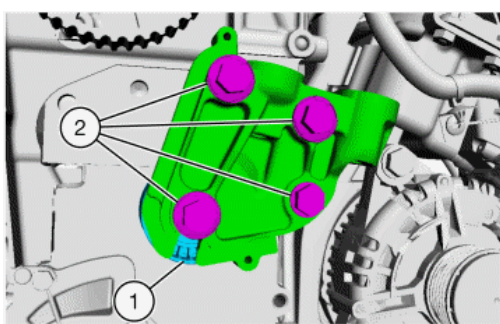
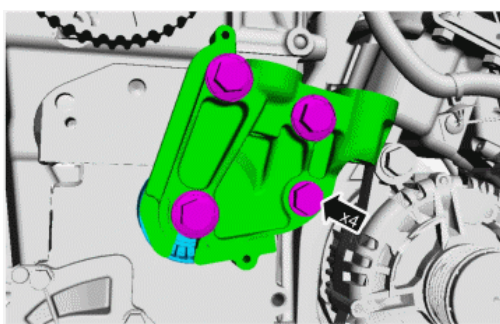


Caution! Risk of contamination. The component must not be touched except with appropriate gloves.

Caution! Take extra care when handling the crankshaft position (CKP) sensor ring.

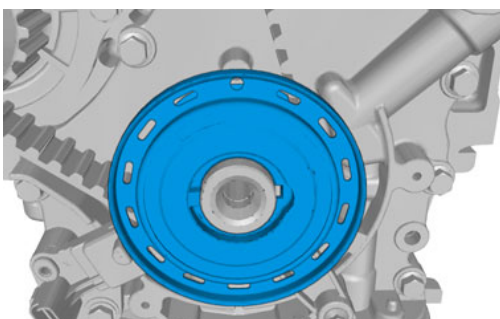


Note! The component can be reused unless it has been subjected to abnormal mechanical stress, damage or oil contamination.

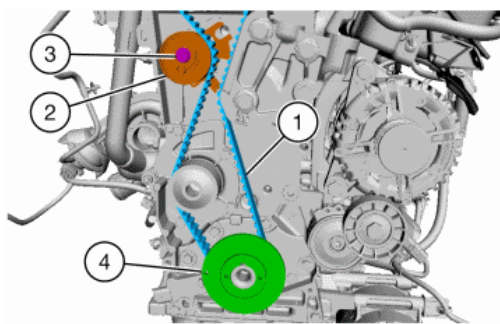


Installation

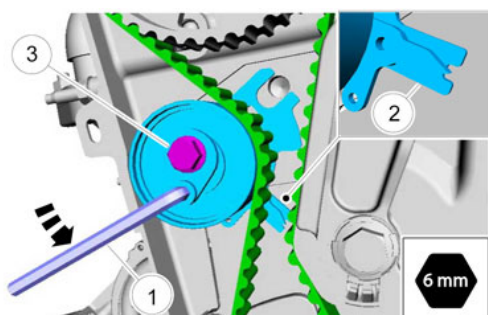
1. **Caution!** Make sure that the component is correctly located on the locating dowels.
2. **Torque:** Bracket engine mounting to cylinder head, 56 Nm



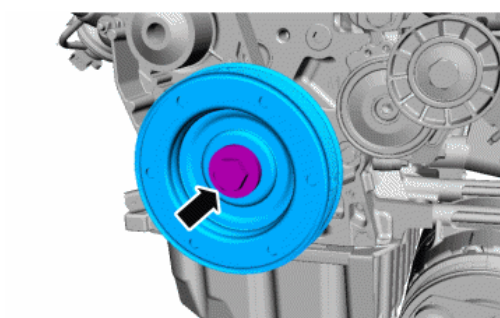
Caution! Risk of contamination. The component must not be touched except with appropriate gloves.



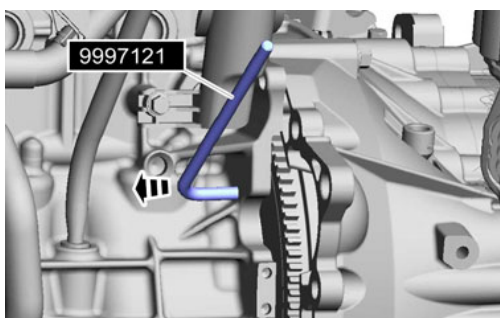
1. **Caution!** Make sure that the component is correctly located on the locating dowels.
2. **Caution!** Make sure that the component is correctly located on the locating dowels.
3. **Note!** Only tighten the bolt finger tight at this stage.
4. **Caution!** Take extra care when handling the crankshaft position (CKP) sensor ring.

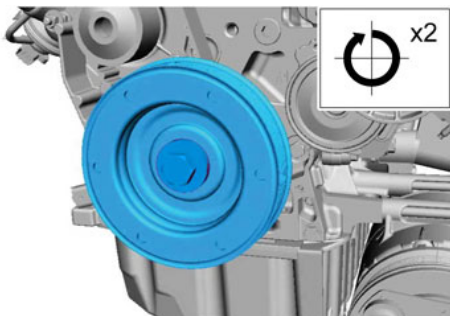
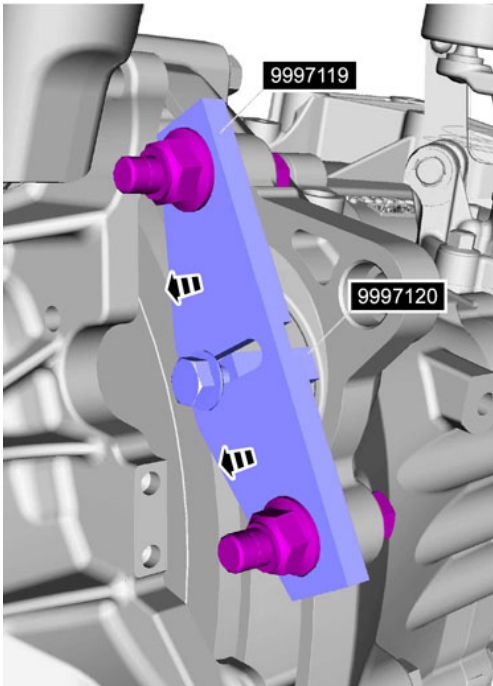
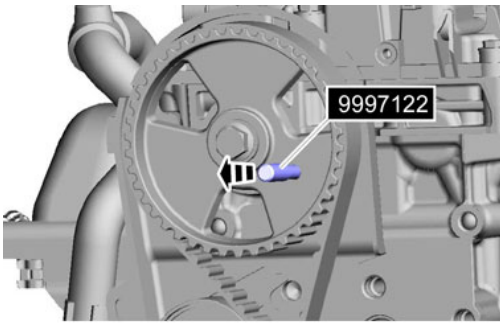


1. **Use:** Allen key
2. **Torque:** M8, 24 Nm

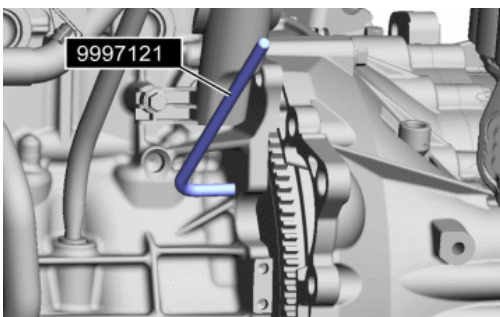


Torque: Central screw crankshaft (tighten), 50 Nm



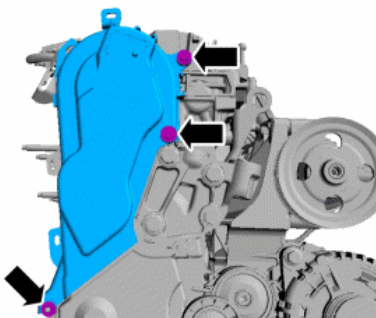
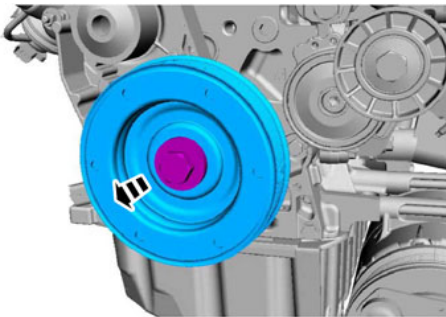
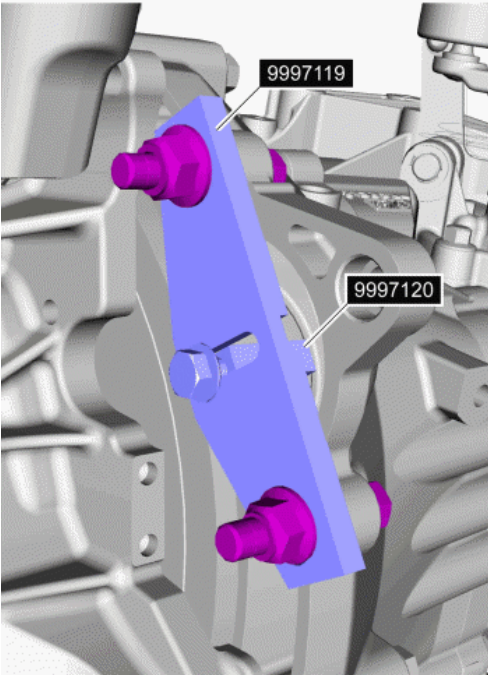
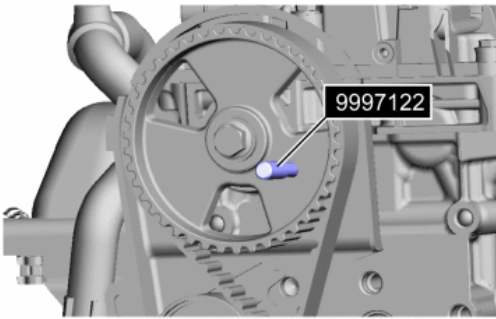


Caution! Only rotate the crankshaft clockwise.



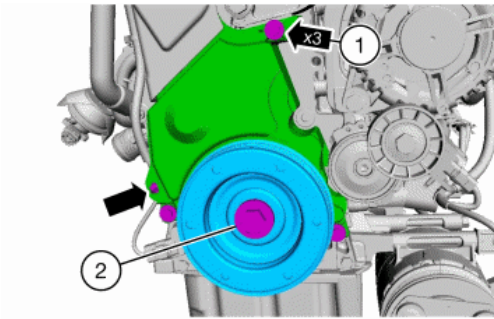
Special Tool: 999 7121

Special Tool: 999 7122



Torque: M6, 10 Nm

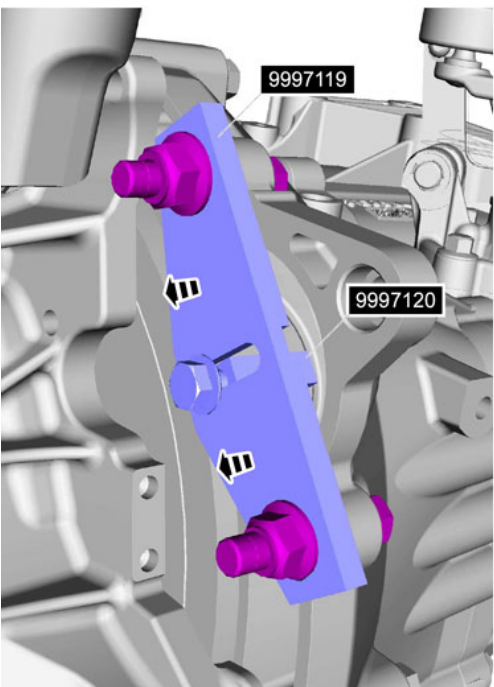
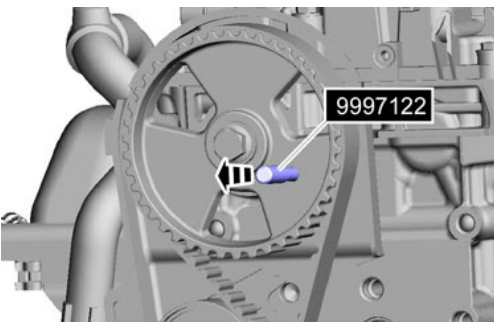
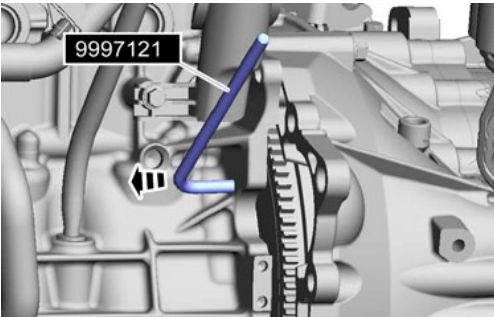
1. **Torque:** M6, 10 Nm
2. **Caution!** Make sure that the component is correctly located on the locating



dowels.

**Torque: Central screw
oscillation damper
(crankshaft)**

- Stage 1: 70 Nm
- Stage 2: 60 °



**Install the
following items:**

- Engine support insulator, right

Refer to:
Engine Pad
right

- starter motor

Refer to:
Starter motor

- the auxiliaries
belt

Refer to:
Accessory
Drive Belt
Tensioner

- the right front
wheel

Refer to:
Wheels

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