

Special tools

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- None required.

General precautions

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- Disconnect battery earth lead.
- Remove spark plugs to ease turning engine.
- Turn engine in normal direction of rotation (unless otherwise stated).
- Observe tightening torques.
- If fitted: Mark position of crankshaft position (CKP) sensor before removal.
- Do NOT turn crankshaft via camshaft or other sprockets.
- Do NOT turn crankshaft or camshaft with timing chain removed.

Valve timing procedures

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- Turn crankshaft until timing marks positioned as shown [1] .
- Ensure there are 12 chain link rollers located between timing marks.
- Tighten camshaft sprocket bolt [2] :
 - (A) 105-136, Estelle, Rapid: 30-35 Nm.
 - (B) Favorit, Felicia, Forman, Pick-up: 35 Nm.
- Tighten camshaft sprocket bolt [3] :
 - Fabia/Octavia: 25 Nm.
- Coat camshaft sprocket bolt [3] with suitable thread locking compound.
- Tighten crankshaft pulley bolt [4] :
 - (A) 105-136, Estelle, Rapid: 100-120 Nm.
 - (B) Favorit, Felicia, Forman, Pick-up: 120 Nm.
- Tighten crankshaft pulley bolt [5] :
 - (A) Fabia/Octavia: 100 Nm.
 - (B) Felicia: 120 Nm.
- Coat crankshaft pulley bolt [5] with suitable thread locking compound.

