

Special Tools

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- Injection pump sprocket locking tool - Fiat No.1842128000.
- Tensioning tool - Fiat No.1860745100/200.

Special Precautions

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- Disconnect battery earth lead.
- DO NOT turn crankshaft or camshaft when timing belt removed.
- Remove glow plugs to ease turning engine.
- Turn engine in normal direction of rotation (unless otherwise stated).
- DO NOT turn engine via camshaft or other sprockets.
- Observe all tightening torques.
- Check diesel injection pump timing after belt replacement.

Installation

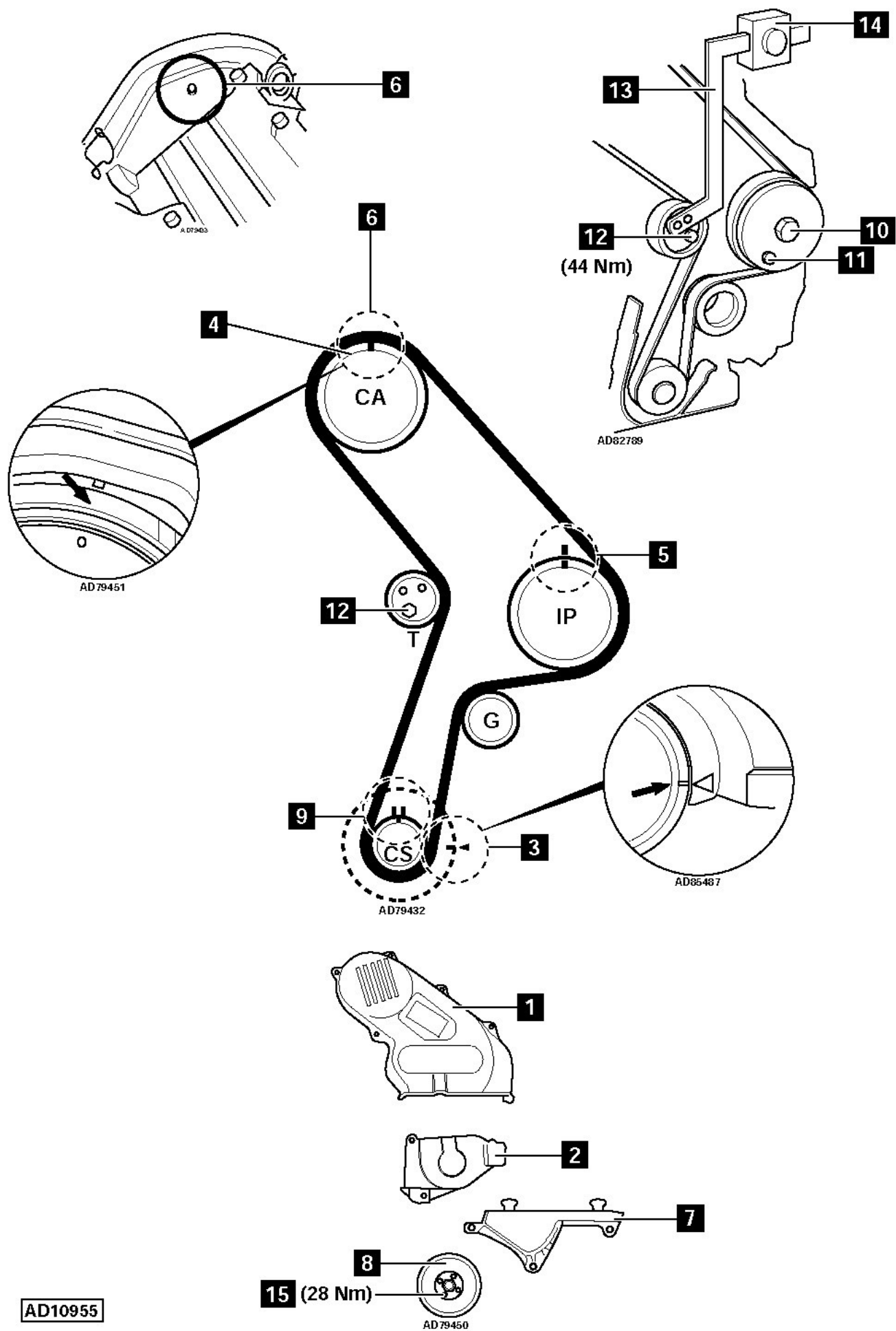
Installation

NOTE: DO NOT reuse a belt which has covered more than 20,000 miles.

1. Ensure timing marks aligned [4], [5] & [9] .
2. Ensure locking tool located correctly in injection pump sprocket.
3. Fit timing belt in anti-clockwise direction, starting at crankshaft sprocket. Ensure belt is taut between sprockets on non-tensioned side.
4. Turn tensioner pulley clockwise. Fit tensioning tool to tensioner pulley [13] . Tool No.1860745100/200. With scale bar horizontal set weight at 60 mm mark [14] .

NOTE: Ensure scale bar remains horizontal during tensioning procedure.

5. Remove locking tool from injection pump sprocket [10] .
6. Turn crankshaft slowly two turns clockwise. Ensure timing marks aligned [4], [5] & [9] .
7. Tighten tensioner nut to 44 Nm [12] .
8. Install components in reverse order of removal.
9. Tighten crankshaft pulley bolts to 28 Nm [15] .



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