

ENGINE

PRIMARY TIMING CHAIN TENSIONER LH (G222811)

IN-VEHICLE REPAIR

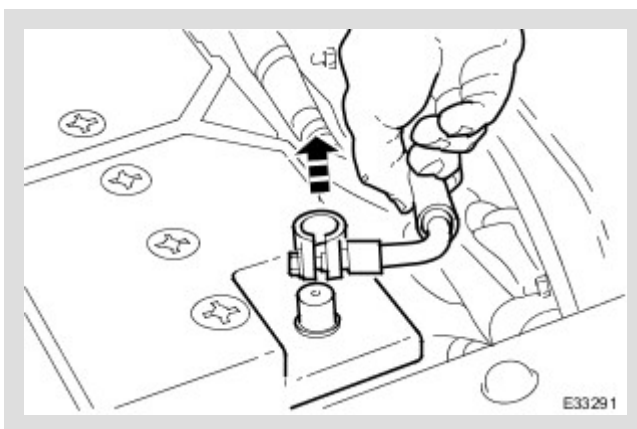
12.65.55	TIMING CHAIN TENSIONER - PRIMARY - BANK 2 - RENEW	ALL DERIVATIVES	4.50	USED WITHINS
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REMOVAL

1. Open the engine compartment and fit paintwork protection sheets.
2. Set the engine compartment cover to the service access position.

3.

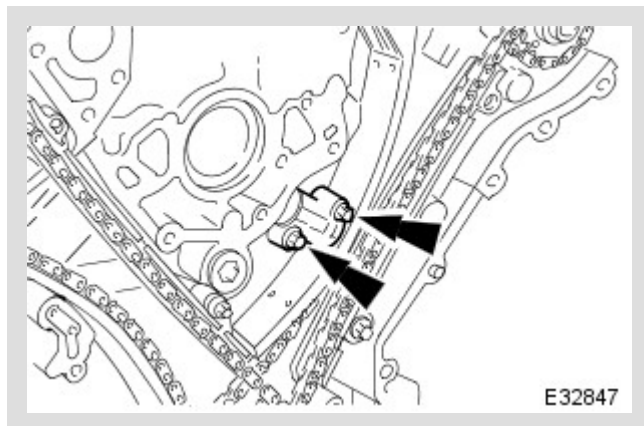


Disconnect the battery ground cable.

Remove the battery cover.

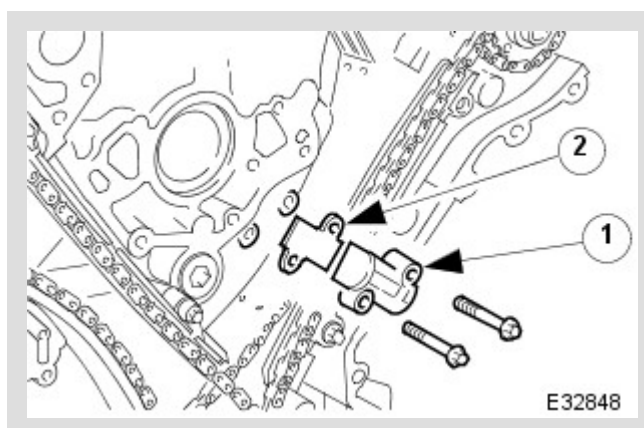
4. Remove the Timing Cover. Refer to Operation 12.65.01 in this Section.

5.



Remove the primary chain tensioner bolts.

6.



Remove the tensioner assembly.

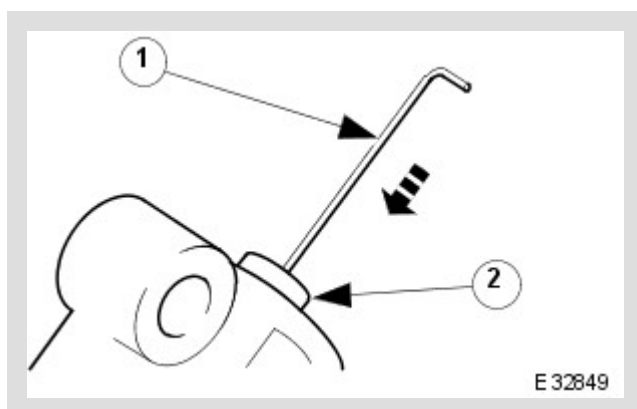
1. Remove the tensioner.

2. Remove the tensioner back-plate.

7. Clean and inspect all relevant components.

INSTALLATION

1.

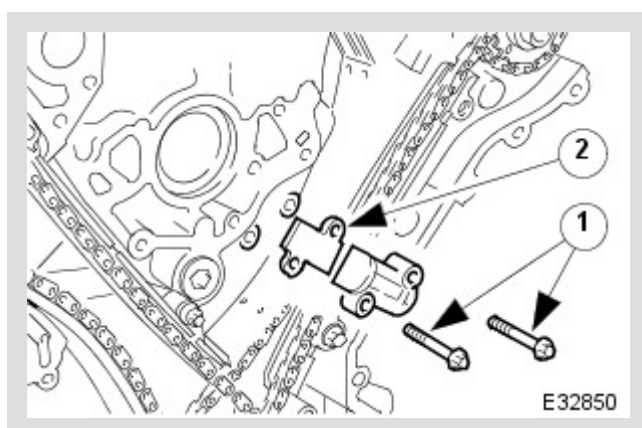


Push the tensioner piston into the body to provide clearance for fitting.

1. Insert a thin rigid wire through the hole in the end of the tensioner piston to displace the ball from the non-return valve seat.
2. With the wire in position, press the piston fully into the tensioner body.

Remove the wire.

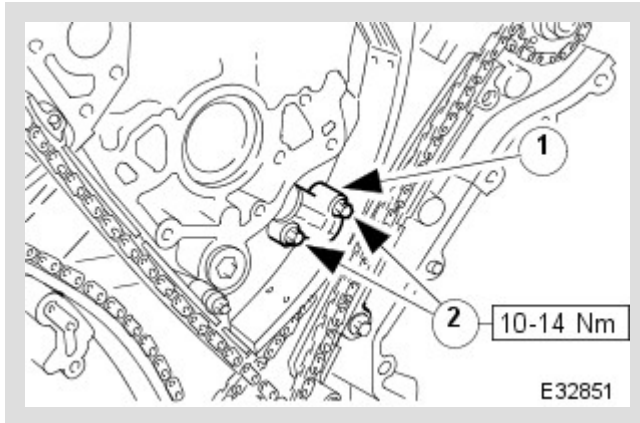
2.



Assemble the tensioner.

1. Fit the two mounting bolts to the tensioner.
2. Locate the tensioner back-plate to the two bolts.

3.



Fit the tensioner to the cylinder block.

1. Position and align the tensioner to the cylinder block and to the mating slot on the rear face of the tensioner blade.
2. Fit and tighten the two bolts to 10-14 Nm.

4. Refit the Timing Cover. Refer to Operation 12.65.01 in this Section.

5. Move the engine compartment cover from the service position and connect the gas struts.

6. Remove the paint protection sheets and close the cover.

7. Connect the battery and fit the battery cover.

Refer to the Battery Reconnection Procedure 86.15.15.