

Workshop Manual

Engine repair

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| 2(0) |

MD22, TMD22, TAMD22

Engine repair

Marine Engines

MD22 • TMD22 • TAMD22

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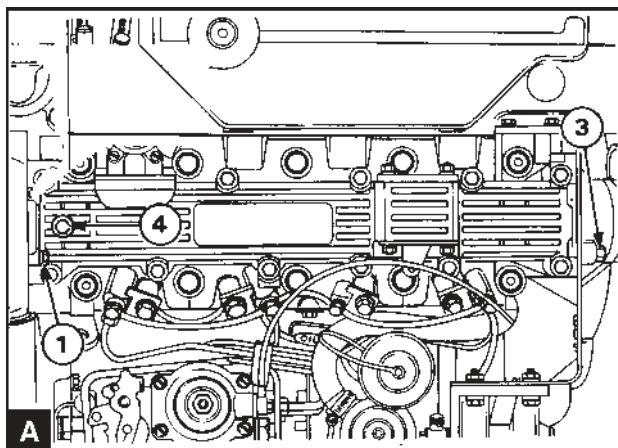
Boost pressure control valve, checking 126

Repair Instructions

Camshaft cover, replacement (12A-01)

Special tools: 885025

1



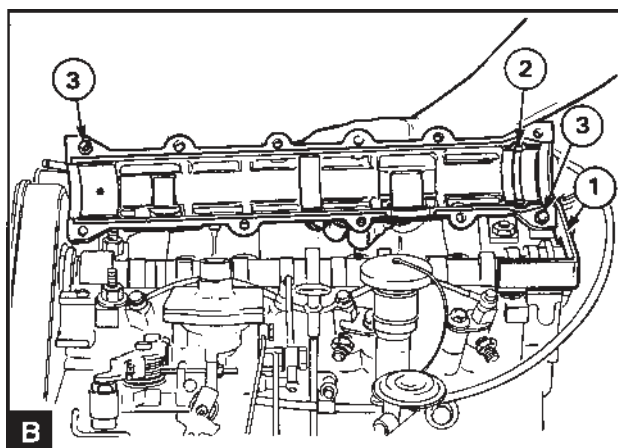
Remove the screws securing the camshaft cover front flange to the timing cover (A1).

Remove the screw installed through the seawater pump drive housing in the rear flange of the cover (A3). If it is too cramped to remove the cover, remove the mounting bracket for the sea water pump.

2

Remove the screw over the adjustment hole at the top of the front end of the camshaft cover (A4). Turn the crankshaft until the adjustment hole in the front of the camshaft front bearing journal corresponds with the hole in the cover. This makes it easier to dismantle the fuel supply pump and the camshaft cover.

3



Remove the engine lifting brackets. If nothing is driven from the rear end of the camshaft, remove the rear cover and install the camshaft lock 885025 (B1). This ensures that the camshaft does not tilt when the camshaft cover is removed.

4

Remove the fuel supply pump, operation 19A-03.

5

Remove the camshaft cover screws evenly in reverse order to that given in illustration D. Remove the screws and the cover (B). Ensure that the thrust washer (B2) remains in place in the cover.

6

Check the cover and the camshaft thrust washer for wear and other damage. If the cover is damaged or worn a new cylinder head assembly, because the holes for the camshaft bearing journals are machined with the cylinder head and the camshaft cover installed to each other.

7

Check that the guide sleeves (B3) and thrust washer (B2) is correctly installed. Ensure that the camshaft front and rear stuffing boxes still remain in the correct position against the collar in the cylinder head and that are not crooked.

8

