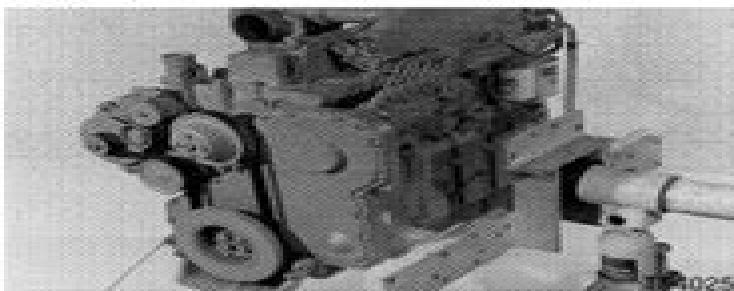
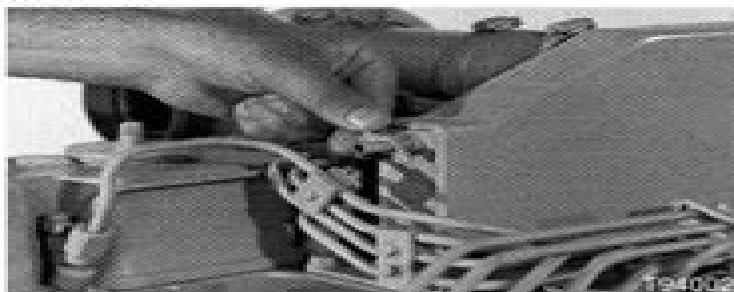


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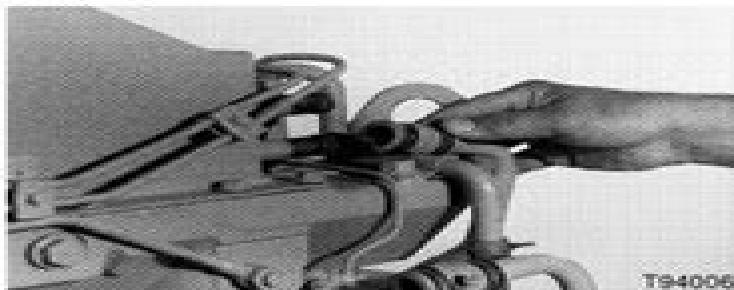
Removal

STEP 1

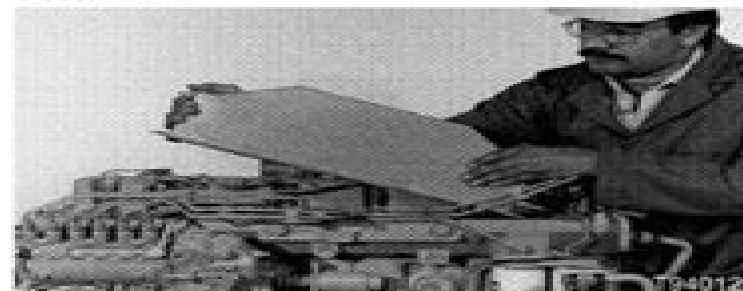
Case 6TA 830 engine.

STEP 2

Drain the coolant from the engine. Open the air vent valve on the aftercooler to help drain the coolant.

STEP 3

Remove all fuel lines and water hoses from the aftercooler.

STEP 4

Remove the bolts and aftercooler. Discard the gasket. Clean the gasket surfaces. Inspect the housing and core for damage.

STEP 5

Remove the air vent valve from the aftercooler.

STEP 6

Install a plug in the air vent valve and put a cap on one of the aftercooler water hose tube. Attach regulated air pressure to the other water hose tube. Pressurize the core to 206 kPa (2 bar) (30 PSI) and submerge the aftercooler in water. Inspect for any air leaks. If there leaks or damage, the aftercooler must be replaced.

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web coordinates of v the standard coordinates are $v = [v_1 \ v_2 \ v_3]$ are the b_1, b_2, b_3 are assumed if no other basis is specified this means $v = 3e_1 + 4e_2 + 5e_3$ if $b = [b_1 \ b_2 \ b_3]$ is a basis of \mathbb{R}^3 then the matrix S which contains the vectors v_1, v_2, v_3 as column vectors is called the coordinate change matrix

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