

Product: TRACK SKIDDER

Model: D4HTSK III TRACK SKIDDER 7PK

Configuration: D4H Series III Track-Type Skidder 7PK00001-UP (MACHINE) POWERED BY 3304 Engine

## Disassembly and Assembly

### 3304 MACHINE ENGINE FOR D4H SERIES III AND D5H SERIES II TRA

Media Number -SEN3253-01

Publication Date -01/09/1992

Date Updated -20/07/2010

SEN32530024

## Cylinder Head Assembly

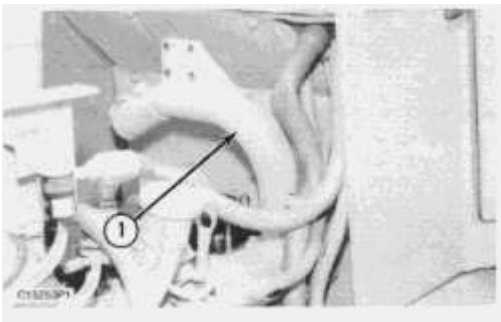
SMCS - 1100-011; 1100-012

### Remove Cylinder Head Assembly

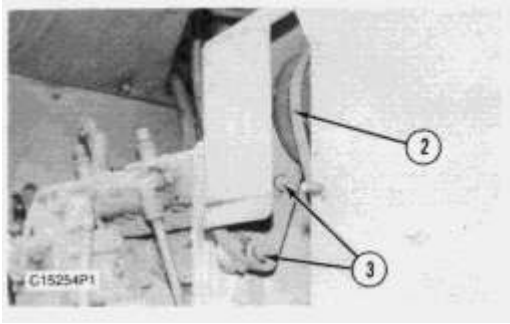
Tools Needed		A
5P9736	Link Bracket	3

Start By:

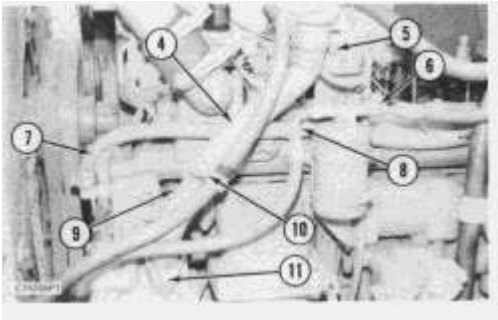
- a. remove exhaust manifold
- b. remove valve cover
1. Drain the coolant from the cooling system.



2. Remove the four bolts, gasket and elbow (1) from the cylinder head assembly.



**3.** Loosen bolts (3) and remove v-belt (2) from the belt tightener.



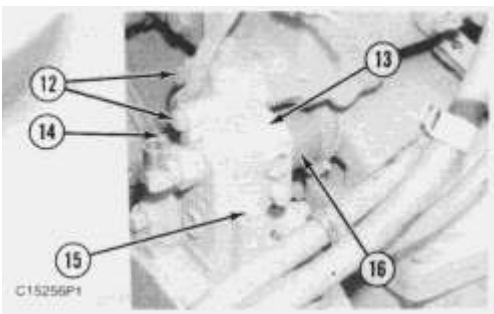
**4.** Remove bolts (5), (10) and (11), and remove oil filler tube (4) from the engine.

**5.** Loosen the hose clamp, and remove hose (7) from the elbow.

**6.** Remove the bolt and clip (8) that holds hose (7) to the cylinder head assembly.

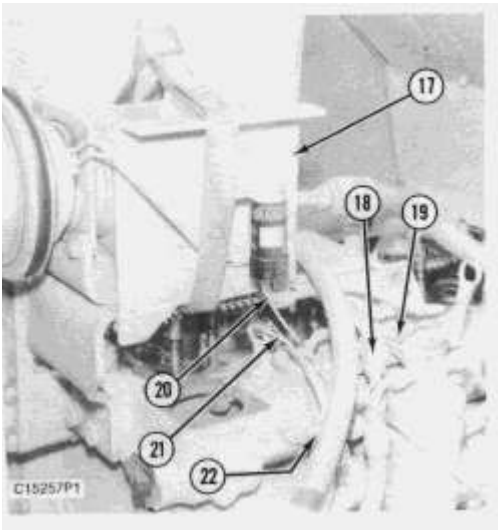
**7.** Remove bolt (6) that holds the dipstick tube assembly to the cylinder head assembly.

**8.** Loosen hose clamp (9).

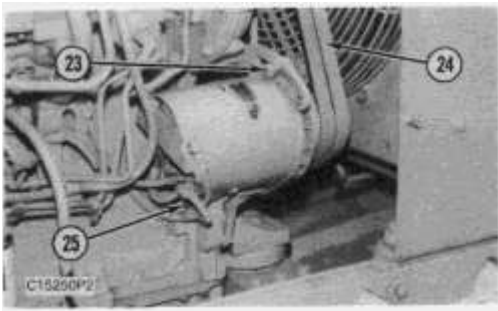


**9.** Remove bolts (12), (14) and (15), and remove the gaskets and elbow (13) from the water pump, cylinder head assembly and hose (16).

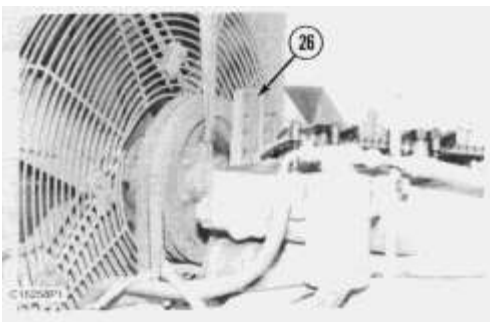
**10.** Remove the water temperature regulator. See the topic, Remove Water Temperature Regulator, in this module.



11. Attach a nylon strap and hoist around the air conditioning compressor and bracket (17). Remove the four bolts, and set the air conditioning compressor on the side of the tractor, (do not disconnect hoses).
12. Mark and remove two wires (19), two wires (21) and wire (22).
13. Disconnect wire harness (18).
14. Disconnect line (20) from the air filter service indicator.



15. Loosen bolts (23) and (25), and release the tension on v-belts (24).



16. Install a nylon strap and hoist to support fan and fan drive assembly (26) as shown. Remove the four bolts that hold the fan drive to the cylinder head assembly. Rest the fan against the radiator cores and on the lower fan guards.

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