



Service Repair Manual

Models

D11R Track-Type Tractor

Product: TRACK-TYPE TRACTOR

Model: D11R TRACK-TYPE TRACTOR 8ZR

Configuration: D11R Track-Type Tractor Power Shift 8ZR00001-UP (MACHINE) POWERED BY 3508 Engine

Disassembly and Assembly

3500 and 3500B High Displacement Engines for Caterpillar Built Machines

Media Number -SEN1126-33

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i02414981

Cylinder Head - Remove

SMCS - 1100-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	2

Start By:

- Remove the valve cover base. Refer to Disassembly and Assembly, "Valve Cover Base - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Do not allow dirt to enter the fuel system. Thoroughly clean the area around a fuel system component that will be disconnected. Fit a suitable cover over disconnected fuel system component.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.

1. Drain the coolant from the cooling system. Refer to Operation and Maintenance Manual, "Cooling System Coolant - Change".

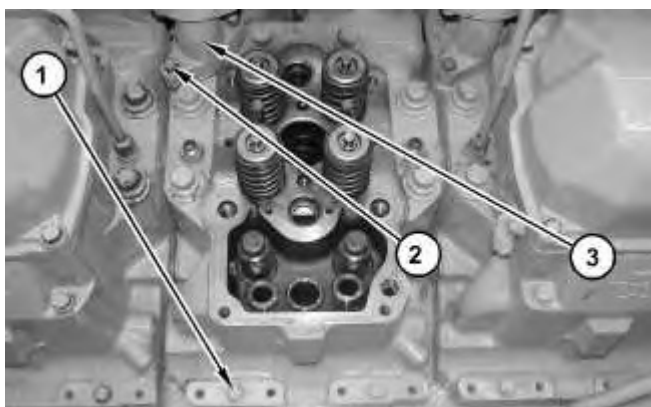


Illustration 1

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2. Remove bolts (1) and (2). Remove tube (3).

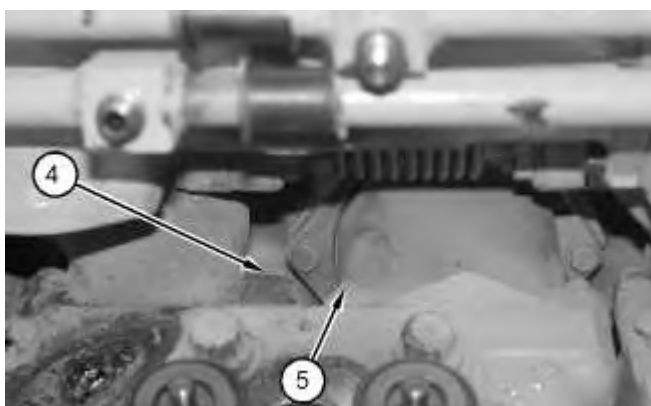


Illustration 2

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3. Remove four bolts (4) (not shown) from exhaust tube assembly and remove four bolts (5) (not shown) from inlet tube assembly.
-

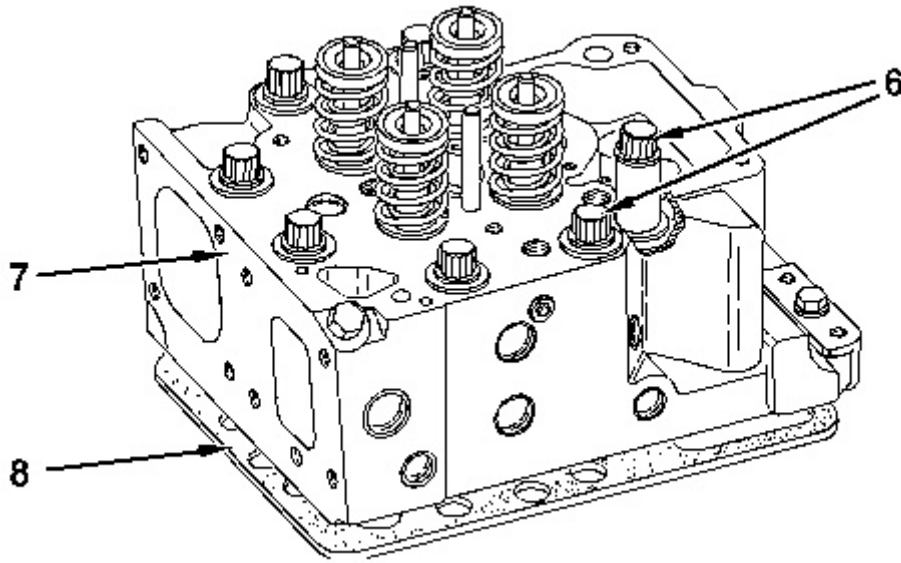


Illustration 3

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4. Remove bolts (6). Use a suitable lifting device and Tooling (A) in order to remove cylinder head assembly (7). The weight of cylinder head assembly (7) is approximately 47 kg (104 lb). Remove gasket (8).
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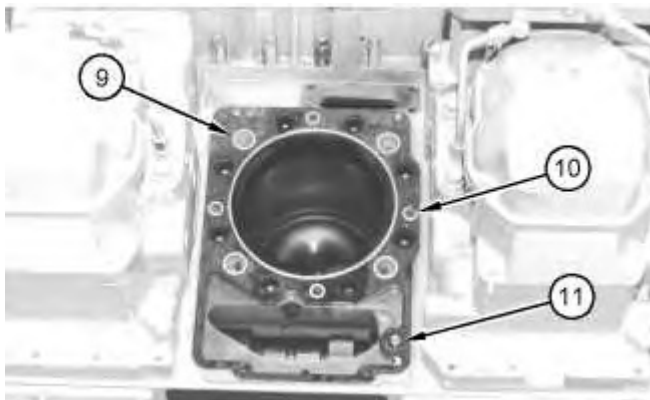


Illustration 4

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5. Remove seals (9) and (10), and O-ring seal (11) from the spacer plate.
-

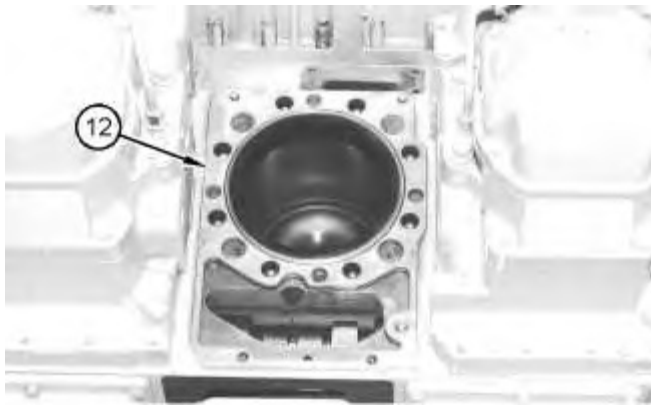


Illustration 5

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6. Remove spacer plate (12) from the dowels in the cylinder block.



Illustration 6

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7. Remove gasket (13) from the dowels.

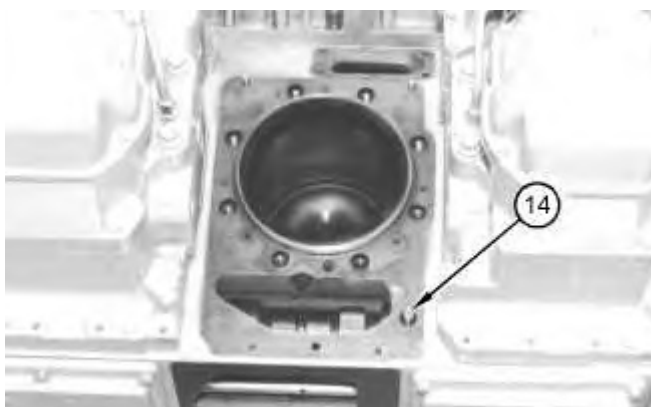


Illustration 7

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8. Remove the O-ring seal from dowel (14).

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