

Tractors

1320

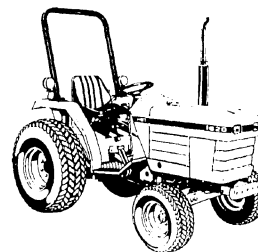
1520

1620

1715

1720

SERVICE MANUAL



NEW HOLLAND

returns to the main oil gallery in the area of the drilled bolt located on the side of the block. Oil flow in the main oil gallery extends to the four main bearings. Oil flow to the main bearings passes through drilled passages in the crankshaft to the three connecting rod bearings. The remaining portion of the oil flow is directed through the external tube to the rocker arm assembly. Oil flows from the external tube into a passage in the rocker arm bracket to the rocker shaft.

Oil leakage from clearance between the rocker arms and the shaft overflows in the valve cover and lubricates the valve stems, push rods and tappets.

The relief valve is mounted in the side of the block and intersects the main oil passage. When the oil pressure exceeds the rated pressure, oil is by-passed through the relief valve directly to sump.

The cylinder walls, pistons and piston pins are splash lubricated by the crankshaft.

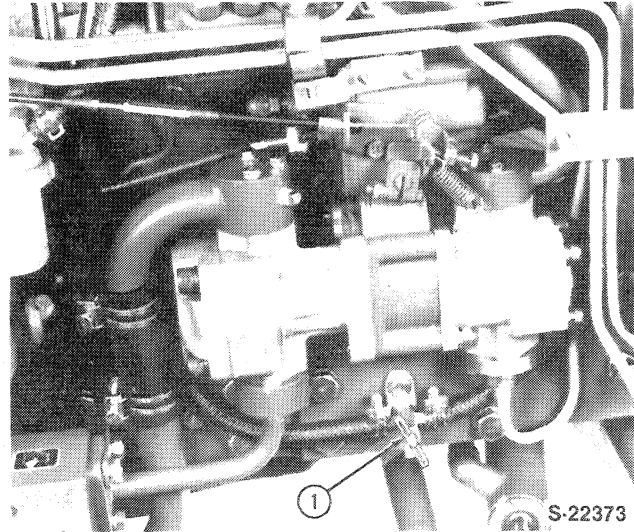


Figure 1
Radiator Drain Cock

1. Coolant Drain Cock

B. ENGINE OVERHAUL

CYLINDER HEAD AND RELATED COMPONENTS

REMOVAL

1. Drain the radiator assembly, Figure 1.

2. Remove the air cleaner assembly along with the air cleaner hoses, Figure 2.
3. Remove the upper radiator hose from the cylinder head, Figure 2.
4. Remove the exhaust muffler and manifold assembly, Figure 3.

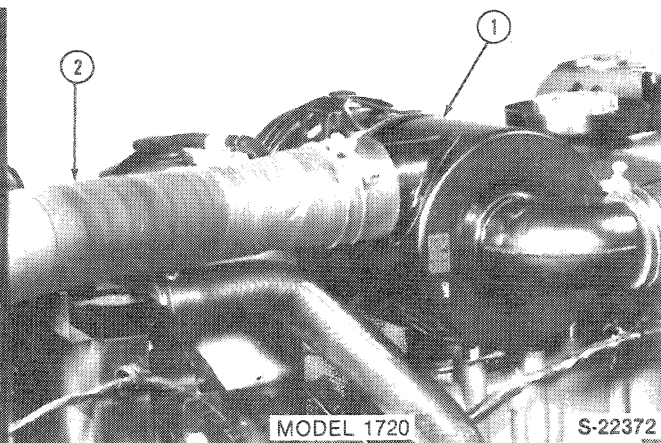
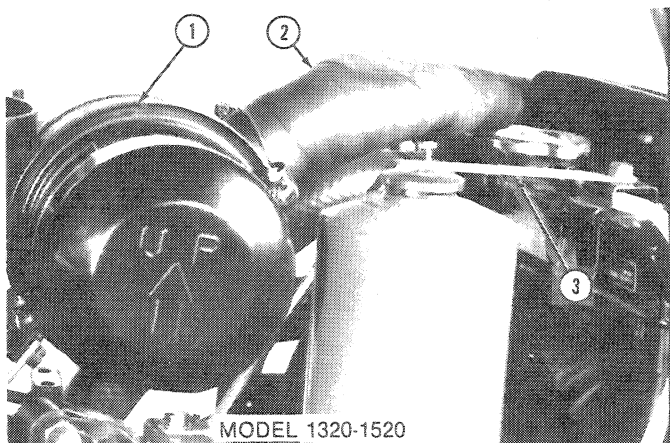


Figure 2
Air Cleaner Removal

- | | |
|-------------------------|---|
| 1. Air Cleaner Assembly | 3. Radiator Support Brace (Model 1320/1520) |
| 2. Air Intake Tube | |

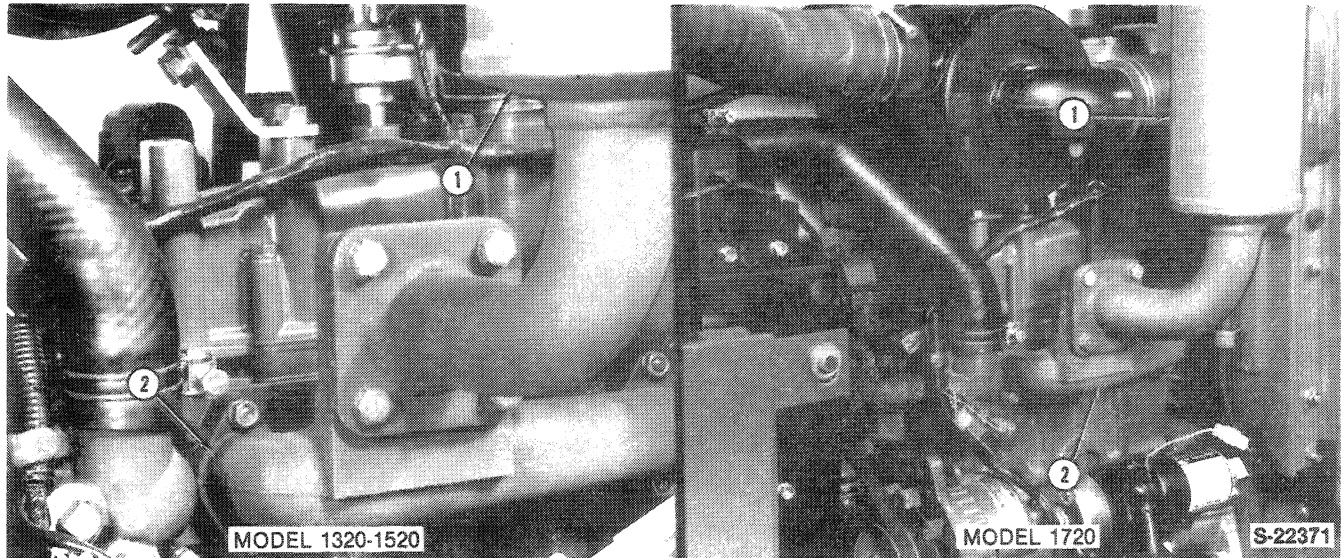


Figure 3

Exhaust Manifold Removal

1. Muffler Assembly
2. Exhaust Manifold

Model 1320-1520

Remove the radiator support brace from the cylinder head, Figure 2.

5. Remove the injection lines and cap all openings, Figure 4.
6. Remove the injector leak-off line (3), Figure 4.
7. Remove the injector assemblies, Figure 4.

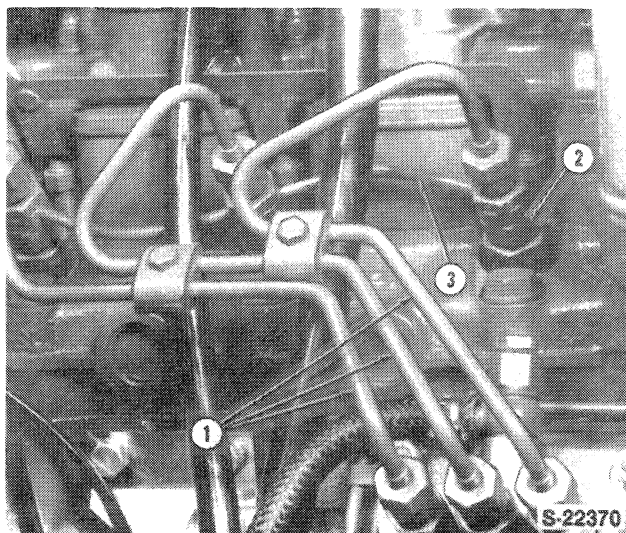


Figure 4

Injector Removal

1. Injection Lines
2. Injector Assembly
3. Injector Leak-off Line

8. Remove the glow plug wire connectors and remove the glow plugs, Figure 5.

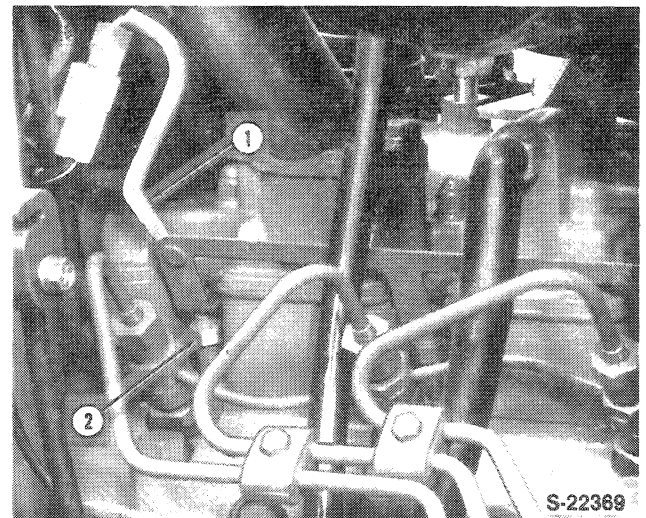


Figure 5

Glow Plug Removal

1. Glow Plug Wire Connector
2. Glow Plug Assembly

9. Remove the temperature sender switch, Figure 6.

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