

MAIN HYDRAULIC PUMP

P.I.N. 8560(3101-) 8760(5101-)
8960(4101-)

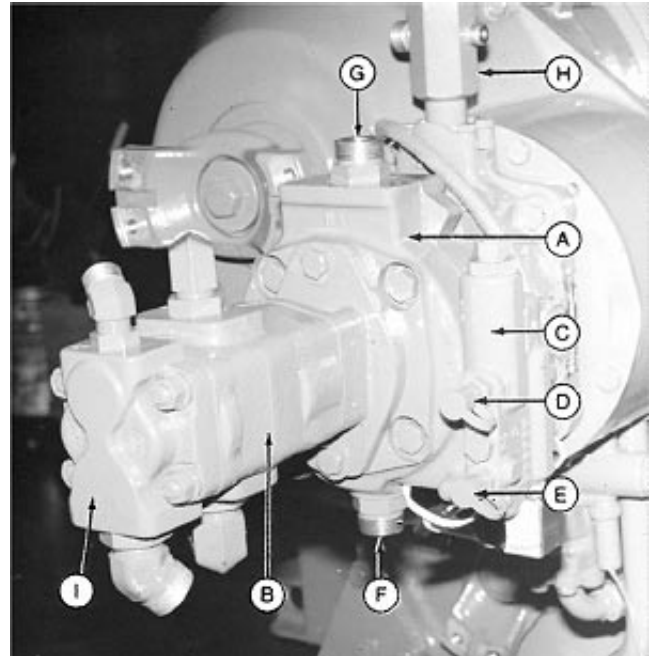
Main hydraulic pump (A) provides high pressure oil for hydraulic functions.

Pump is mounted to front of transmission case. Charge pump (B) and axle lube pump (I) are mounted to front of main pump.

The 3000 Series variable-displacement radial piston pump has a displacement of 65 cm³ (4 cu in.).

Unitized-stroke control valve (C) is bolted to left side of pump.

Diagnostic receptacles are provided for pump inlet pressure (D) and discharge pressure (E). Early model tractors are equipped with a plug at (D).



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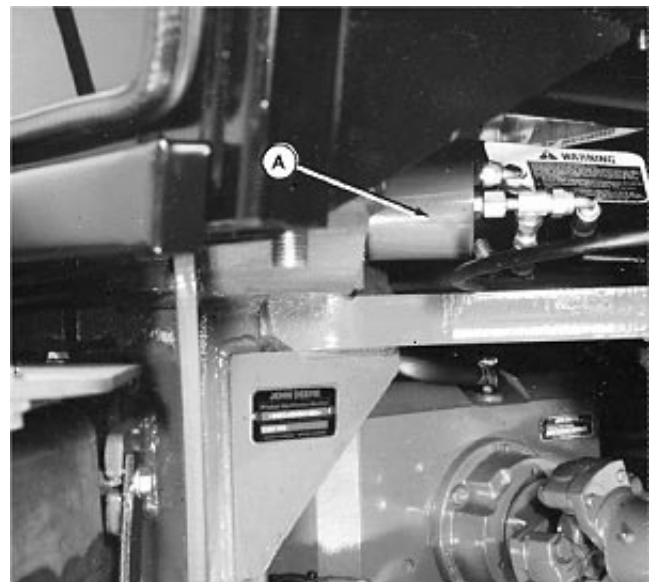
- A—Main Hydraulic Pump
- B—Charge Pump
- C—Unitized Stroke Control Valve
- D—Pump Inlet Pressure DR
- E—Pump Outlet (Standby) Pressure DR
- F—Main Pump Inlet From Filter
- G—Steering Valve Return
- H—Main Pump Outlet
- I—Axle Lube Pump

U70,G164A -19-09MAR92

HYDRAULIC ATTENUATOR

The attenuator (A) is a hollow tank which acts as a muffler to reduce noise and vibration by smoothing pressure pulsations from main pump.

Attenuator is mounted beside brake accumulator on top of front hinge.



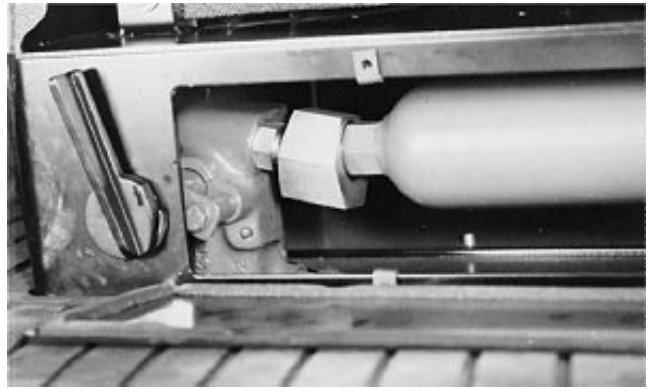
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270
25
10

SEAT VALVE

Seat valve is accessed through cover plate in seat support. Valve raises, lowers and cushions operator seat.



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-UN-24FEB89

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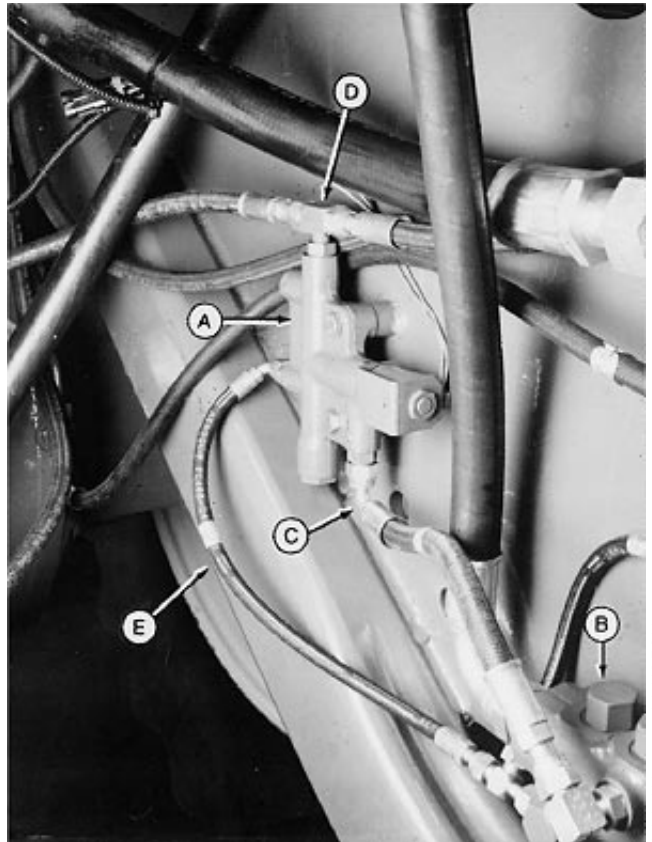
DIFFERENTIAL LOCK VALVE

Differential lock valve (A), if equipped, is mounted on inside of right frame.

System pressure oil from pressure control valve (B) enters port (C). When differential lock is engaged, controlled pressure oil flows out tee (D) to both differentials.

Oil bypassed by pressure reducing valve returns to reservoir through line (E).

- A—Differential Lock Valve
- B—Pressure Control Valve
- C—Inlet Port
- D—To Differentials
- E—To Reservoir



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-UN-13DEC88

U70,G167 -19-31MAY91