

Munro Engineers - MkII and MKIII Post Driver

John Deere Tractor Kit Fitting Instructions.

The Munro MkII and Mk III post drivers are generally shipped with their hydraulics configured as 'open centre'. This suits most brands of tractors on the market.

The John Deere tractors use a 'closed centre' hydraulic system which necessitates conversion of the Post Driver if it was not shipped from the factory to suit a John Deere.

Kit Contents

- 1 x Plug with 6mm Hex
- 1 x 1/2" Diameter Round Hose Plug
- 1 x Hose Clamp
- 1 x Hydraulic Return Hose to Tractor with 90° fitting at one end.

Fitting Instructions.

Refer to Fig 1.

On the HCD2 Valve Bank

1. Remove Elbow fitting from port 3 of Valve Bank.
2. Screw newly supplied plug into Position 4. Use Teflon tape and 6mm Hex Key.
3. Remove Plug fitting from Port 2
4. Screw Elbow fitting into Port 2
5. Screw Plug Fitting into Port 3

On the Clear Hose between the Valve Bank and the Manifold

6. Remove Clear Hose from Elbow fitting but leave other end attached to manifold.
7. Cut the clear hose about 60mm from the Manifold
8. Insert the 1/2" Round Hose Plug into the short tail of clear hose. Secure with hose clamp.

Fit the Hydraulic Return Hose

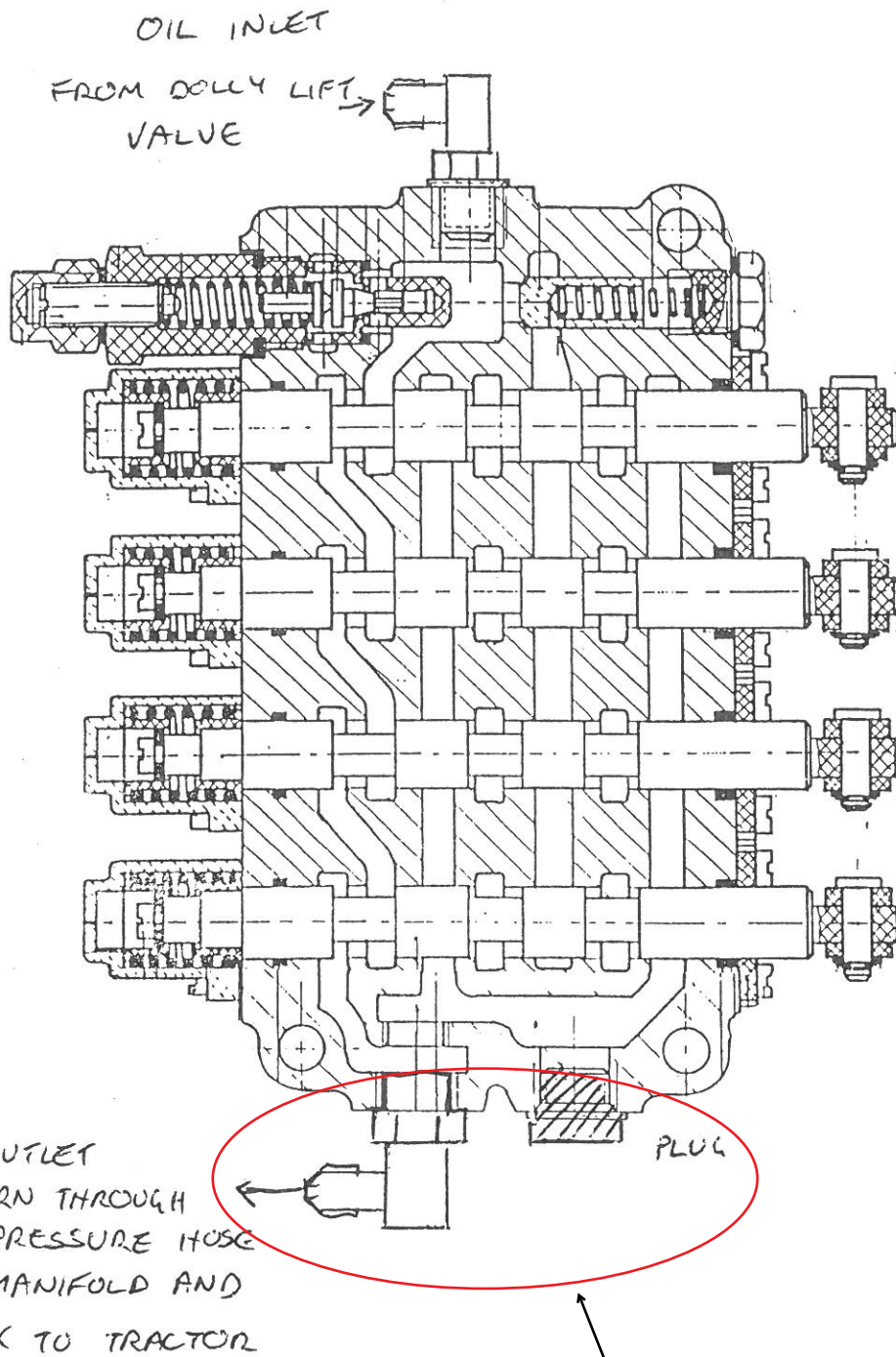
9. Attach the 90° End of the Hydraulic Return Hose to the Elbow fitting now in Port 2 of the valve bank.
10. Fit the Other end of the Return Hose to the Tractor.

Adjust Relief Valves

11. Screw in fully the Relief Valve marked 'A' on Fig 2.
12. Screw in fully the Relief Valve marked 'B' on Fig 2.

In the Case of 50 Series John Deere Tractors the Return Hose can return directly to the remotes. However on most other John Deere Tractors the hose should be attached to the Filter Bowl, which has a tangential entry port, and is generally located on the underside of the tractor, in the region of the gear shift lever.

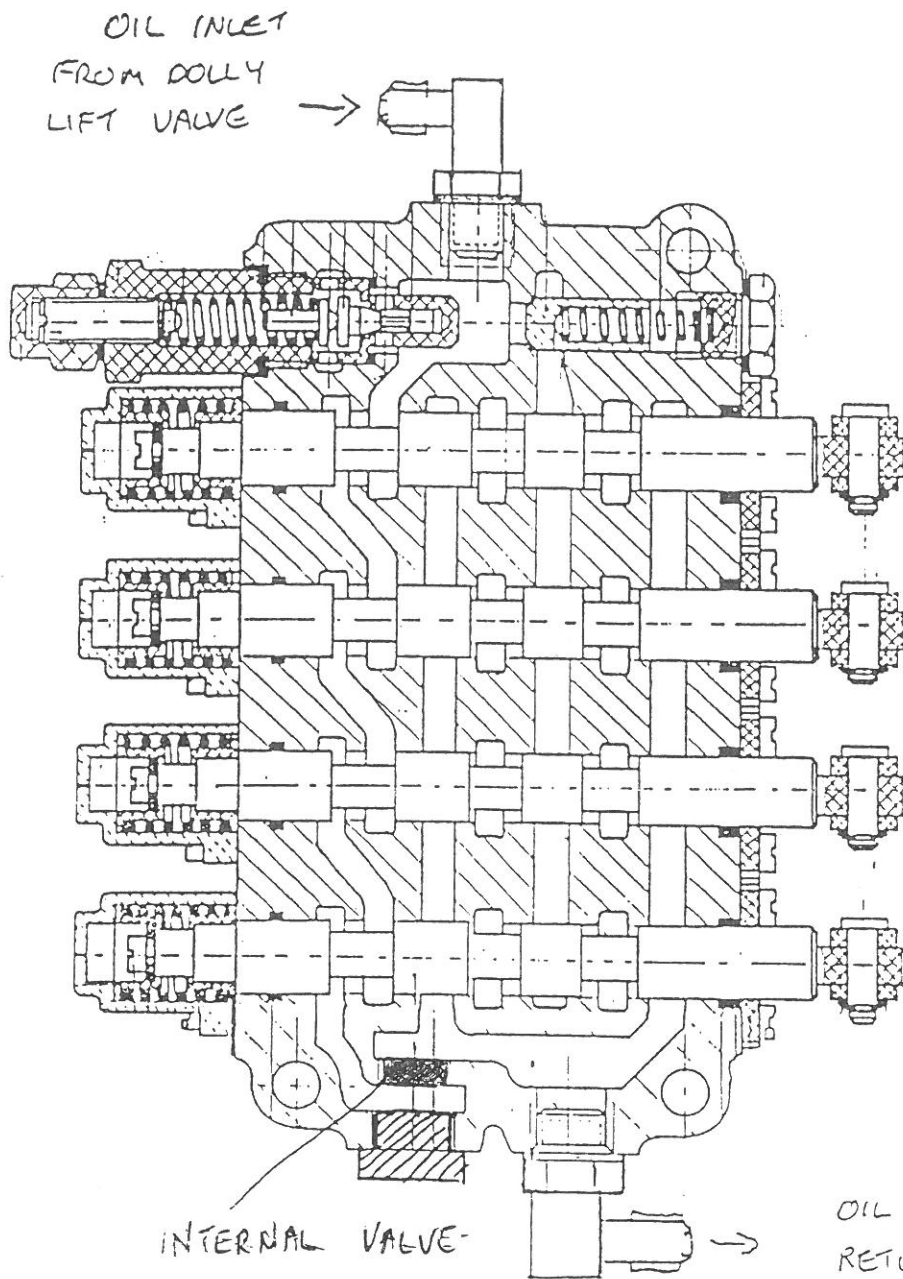
VIEW FROM WORKPORT SIDE OF VALVE.
STANDARD CONFIGURATION



Elbow may be
in either of
these two ports

VIEW FROM WORKPORT SIDE OF VALVE.

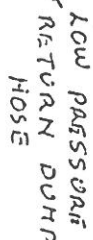
JOHN DEERE CONFIGURATION



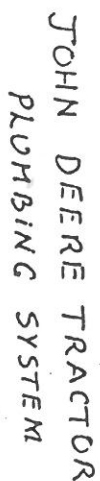
INTERNAL VALVE-
PLUG MUST BE
IN PLACE

OIL OUT LET
RETURN DIRECT TO FILTER
BOWL ON MOST J.D.
SOME MAY RETURN TO
REMOTES IF THEY BYPASS
CHARGE PUMP

SCHEMATIC DIAGRAM



SECOND HIGH PRESSURE
RETURN OR HOSE



SHOULD HAVE TANGENTIAL
ENTRY POINT.
REPLACE CARD BOARD FILTER
EQUIPMENT WITH METAL U

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