FDS457 Hydraulic Valve Adapter Kit

- Install O Rings into Recessed Side Of Block.
- The O Ring Side Of Block Faces Downward And Ports Face Toward Front Of Tractor.

You Can Reuse The Old O Rings In The Upper Portion Of The Block Off Plate.

Remove Bolts From This Cover.

5/7/2012 Jim
FDS457 Hydraulic Valve Adapter Kit continued

Block Sandwich’s Between Tractor And Top Cover. Kit Comes With Longer Bolts To Incorporate The Taller Distance.

Must Use Open Center Type Hydraulic Valve Or Damage To Hydraulic System Will Result. Also Do Not Install Plugs Into Ports. This Will Also Cause Damage To The Hydraulic System From Over Heating.
External hydraulic adapter plate kit for Ford tractors 1955-64, (all models USA production equipped with standard hydraulic pump) 500-900, 501-901 & 2000 (4-cylinder) through 4000 (4-cylinder). Ford tractors 1965-81 2000 through 6600. NOT FOR USE ON 1981 AND UP 10 SERIES. (Most 10 series have higher volume hydraulic pump than those listed above.) Also not for use on model 5900. The HV4902 adapter plate kit is designed to work on all straddle mount (utility style) tractors listed above. Due to space limitations, we cannot recommend the HV4902 adapter plate kit for the flat deck version of the 1965 and up tractors.

**INSTALLATION INSTRUCTIONS**

1. Before installing the adapter plate, be sure tractor is stopped and the engine is shut off. The hydraulic lever should be in the down position. The tractor lower three-point hitch arms should be in the down (lowest) position and all pressure relieved from the system.

2. Thoroughly clean around the accessory cover on hydraulic top cover and remove accessory cover from hydraulic top cover.

3. Install adapter plate with o-rings included in the kit. Coat o-rings with Vaseline and install adapter plate in between accessory cover and a "sandwich" form on hydraulic top cover where accessory cover was removed. Depending on tractor model, the hydraulic top cover plate may have five cap screws. The center cap screw in 5/16" diameter, we supply 1 of HV4903 (5/16"-18 x 3") for those tractors which require it. The (2) long bolts to mount the adapter plate and accessory cover are supplied in the kit. The other (2) mounting bolts used are the (2) longer bolts removed when the accessory cover was initially removed. Discard the (2)

shortest bolts. Insert the longest bolts in the holes that also go through the top cover. Tighten all bolts evenly.

**OPERATING INSTRUCTIONS**

**Note:** Do not start the engine until a complete hydraulic circuit is installed between port P (pressure) and port R (return). Plugs in port P and port R will cause the hydraulic system to overheat and cause damage to the hydraulic system.

This adapter plate kit is designed for open center type hydraulic valves. Closed center type hydraulic valves will cause damage to the hydraulic system.

The complete hydraulic circuit (all hoses and valves) must be capable of withstanding full hydraulic system pressure with the complete circuit installed.

Use caution when using Teflon tape as a joint sealant so as not to get pieces of Teflon into the hydraulic system and do not overtighten fittings or damage may occur.

Start the engine and check the hydraulic system for leaks and to purge the air out of the system.

**CAUTION:** If for any reason, the remote control valve is removed from the circuit, DO NOT simply plug the "in" and "out" ports of the HV4902 adapter plate. Either remove the HV4902 from the tractor all together or install a hose loop (min. 3/8" 2 wire, high pressure hyd. hose) connecting the "out" and "in" ports.

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