

Grove Conversion Installation Instructions

Application: 10 Series John Deere* Tractors
Manufactured from 1961 through 1963

Park Machine Safely

- Remove all attached implements from tractor
- Put in park/set parking brake
- Stop the engine and remove key
- Relieve all hydraulic pressure from valve

Work In Clean Area

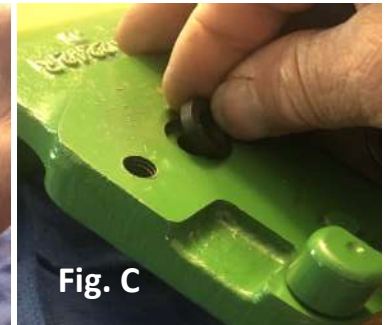
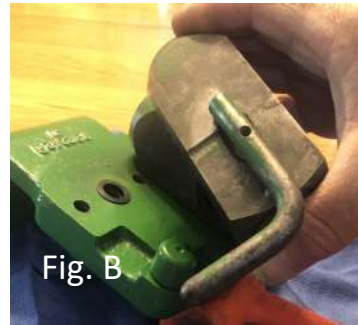
- Clean work area and machine
- Make sure you have all necessary tools to do the job
- Read all instructions thoroughly: do not attempt short cuts
- Clean valve area thoroughly: front and rear, prior to disassembly

1. The following procedure can be done with the remote coupler assembly either removed or remaining on the tractor. The assembly was removed from the tractor for photo purposes in the following instructions.

2. With a 9/16 open end wrench, remove the four 3/8 bolts from the bottom of the assembly. (Fig. A)



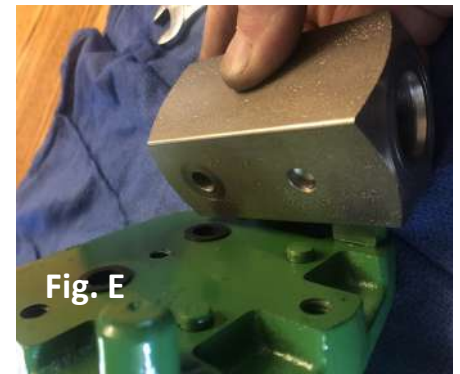
3. Remove the OEM coupler blocks from the assembly. (Fig. B)
Remove the OEM rubber seals. (fig. C)



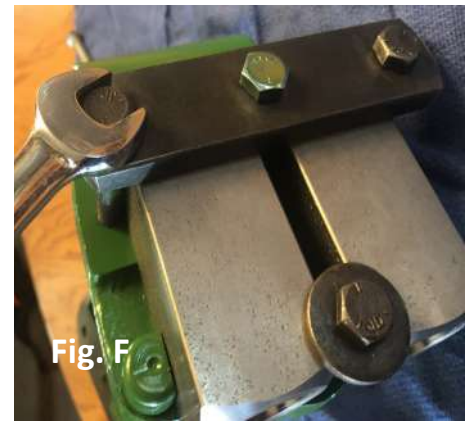
4. Install the new rubber seals provided with the kit. (Fig. C)
There are 2 sizes available, replace with the size that was removed. (Fig. D)



5. Install the Grove Conversion manifolds as shown (Fig. E) making sure to align the steel dowel pin with the locating hole on manifold.



6. Re-install the four 3/8 bolts and the strap which were removed in procedure 2. Tighten bolts firmly. (Fig. F)



7. Install the provided breakaway couplers. Apply a small amount of grease to the exposed oring on the threaded port end. Tighten firmly with a 1 1/2 inch open end wrench. (Fig. G)



8. Install the provided dust caps onto the breakaway couplers.
Use a dead blow hammer or rubber mallet to assist in this procedure.
(Fig. H)



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