



## HSM-SPM4P-F – HSM-SPM6P-F Hydraulic Diverter Splitter Manifold -Conversion from Single Port Manifold or Freestanding Unit-

A LOADER CROSSTUBE MOUNTED HYDRAULIC SPLITTER MANIFOLD FOR SPLITTING A SINGLE HYDRAULIC FEED INTO DOUBLE OR TRIPLE PORTS

### Contents

- (1) Splitter Manifold Block w/ Rubber Backing
- (2) Manifold Band Clamp
- (2) Hex Screws, 3/4" long
- (2) O-ring-to-FNPT adapters
- (4 or 6) O-ring-to-MNPT adapters
- (2 or 0) O-ring seal plugs
- (4 or 6) Female Quick Disconnect Fittings
- (2 or 3) Quick Disconnect Cap, Yellow
- (2 or 3) Quick Disconnect Cap, Blk/Silver
- (1) 16" cable tie
- (1) 8" cable tie

**Tools Required:** Screwdriver, sockets, open end wrenches, cut off pliers, absorbent rags



### Installation (w/ Artillian Diverter Kit)

Remove any attachments from your loader for best access to the Forward Hydraulic Port Manifold on the loader torsion tube.

It may be easier to raise the loader up to waist height to perform the work to follow.



First, the existing Single Port Manifold will need to be removed.

Use a knife or screwdriver to disengage the large cable tie securing the hoses to the loader torsion tube.



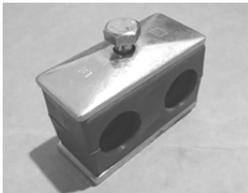
Use a socket/ratchet or open end wrench to unscrew the hex screw on top of the Single Port Manifold.



Use a flat screwdriver or socket driver to unscrew the band clamp



Dismantle the entire Single Port Manifold but **keep all parts**. Everything will be reused except for the manifold body components (shown below).

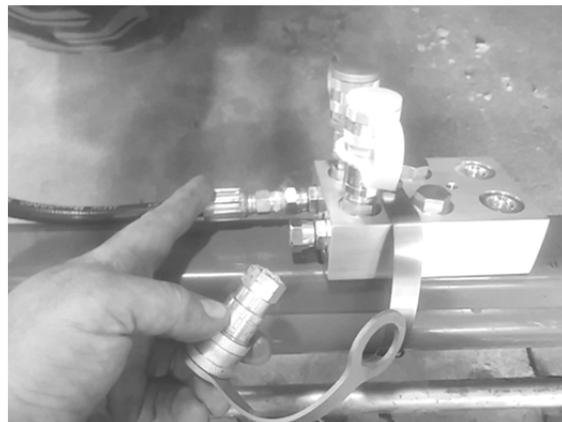


Set the Splitter Manifold on the loader torsion tube and screw the band clamp together loosely. Position the left end of the manifold approximately where the existing hoses end.

Unscrew the female quick disconnect fitting from the end of the hose with the black/silver cap. Retain the dust cap with the quick disconnect fitting.

Screw the end of the hose into the rearward port of the manifold. Tighten very tightly, being careful to keep the hose from twisting.

Repeat for the yellow capped hose/fitting.



Replace the cable ties that were previously removed.

Your Splitter Manifold is now installed.

Start your tractor and actuate all of the hydraulic controls to check for leaks. If any leaks are found, tighten those joints adequately.

Recheck all fittings for leaks and fasteners for tightness after a few hours of use and periodically thereafter.



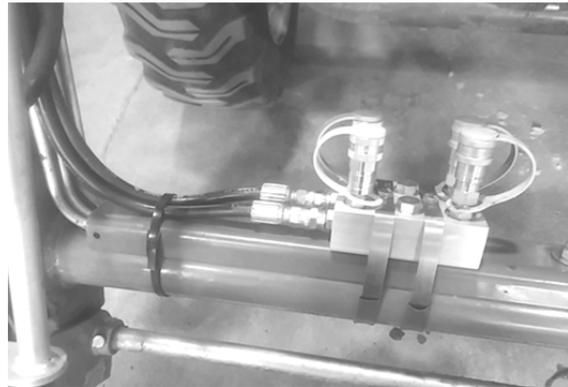
### Installation (w/o Artillian Diverter Kit)

Set the Splitter Manifold on the loader torsion tube and screw the two band clamps together loosely. Position the left end of the manifold approximately where the existing hoses end.

Screw the ends of the existing hoses into the 1/4 MNPT side ports of the manifold. Tighten very tightly, being careful to keep the hose from twisting while tightening.

Position the manifold along the loader torsion tube according to where the hoses want to lie. Secure the hoses to the loader cross tube with the included cable tie.

Tighten both band clamps tightly to secure the manifold in place.



Your Splitter Manifold is now installed.

Start your tractor and actuate all of the hydraulic controls to check for leaks. If any leaks are found, tighten those joints adequately.

Recheck all fittings for leaks and fasteners for tightness after a few hours of use and periodically thereafter.

Thank you for choosing Artillian!