

Autostacker Technical Service Bulletin A6S and A6W Flow Divider Installation

BendPak TSB 156 -122024

This Technical Service Bulletin (TSB) describes the installation of a flow divider between the Autostacker hydraulic power unit and the lift cylinders. These instructions were omitted from the current Autostacker Manual and are to be adopted as a part of the Autostacker Model A6S and A6W Installation and Operation Manual 5900248.

The flow divider is a hydraulic component that divides the flow of hydraulic oil from the power unit into two equal parts one for each lift cylinder.

⚠ DANGER Always refer to the lubricant and hydraulic fluid manufacturer's Material Safety Data Sheet (MSDS) for proper handling and disposal of chemicals.

⚠ WARNING Read this entire procedure before attempting to implement this TSB. If you are unsure of any aspect described herein contact Customer Service at autostacker.com/support, email support@autostacker.com, or call (888) 977-8225.

To install the flow divider, replace the **Connect the Hydraulic Hoses** section of the installation and operation manual on pg. 23 with the following procedure:

To connect the Hydraulic Hoses:

1. Locate the two hydraulic hoses (5570259) supplied with your Lift.

The two hydraulic hoses are the same length; it does not matter which hydraulic hose goes to which hydraulic cylinder on the Lift.

2. Starting near the console, route the elbow fitting end of one hydraulic hose through the Bottom connector tube (5766334) and pull it out at the hydraulic cylinder that is *furthest* away from the console.
3. Feed the second hydraulic hose in a similar manner bringing it out of the connector tube at the Cylinder closest to the console.

Leave enough of the hydraulic hose on the console end to allow the hydraulic hoses to be connected to the power unit up through one of the openings at the bottom of the console.

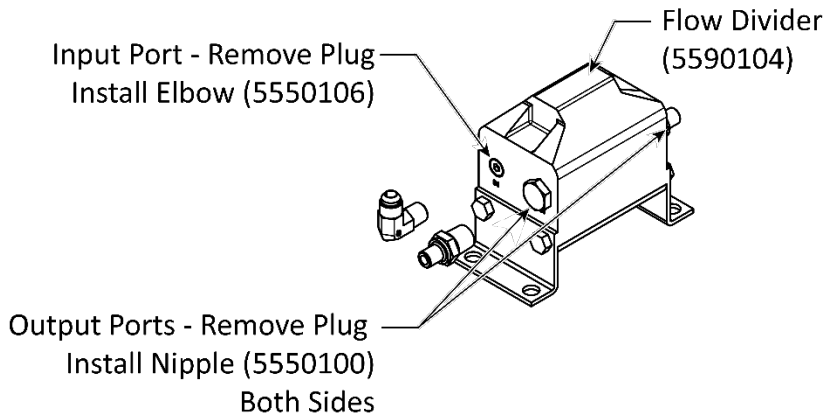
Coil excess hydraulic hose inside the console.

4. Retrieve two velocity fuses (550603) from the parts bag. Clean and apply thread sealant to the NPT threads then install a velocity fuse finger tight in the port near the bottom of each hydraulic cylinder.

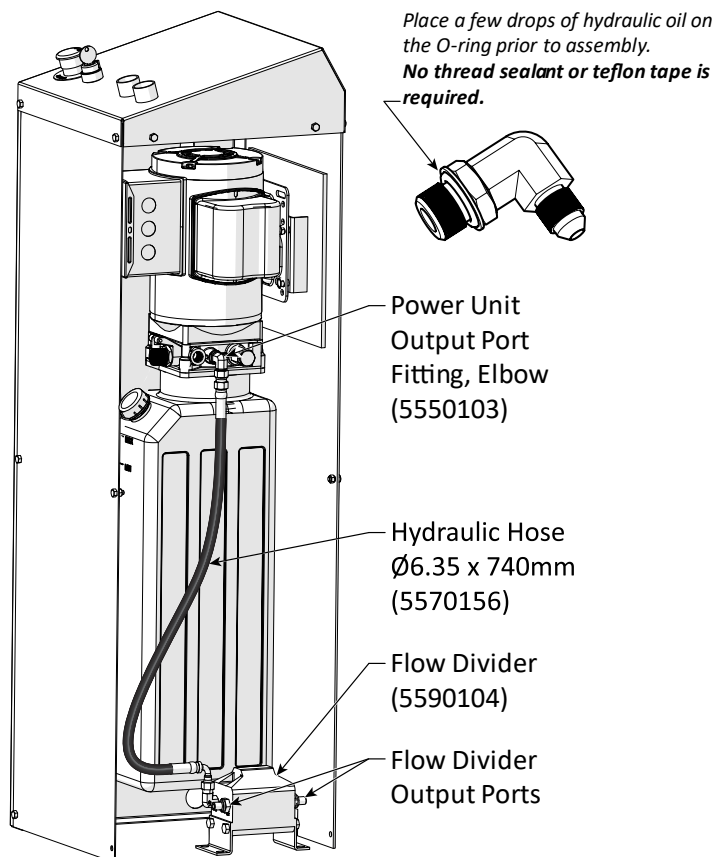
Use Thread Sealant on NPT Threads only. Refer to **About Velocity Fuses** for more information.

5. Install a swivel elbow (5550213) on both velocity fuses finger tight.
6. Connect the hydraulic hose elbow to the top end of the swivel elbow on each velocity fuse. Make finger tight.
7. Remove the Plug in the P1 port of the power unit. it.

8. Apply a few drops of hydraulic oil to the O-rings on the elbow fitting (5550103). Thread the Elbow into the Hydraulic Pressure port P1 on the power unit. *Take care not to damage the O-Ring when tightening.* No thread sealant is required. The O-ring seals against the face of the power unit. There are two hydraulic pressure ports on the power unit, in varying locations (depending on the power unit you received). Refer to **Connect the Power Unit** to identify your power unit layout.
9. Retrieve the flow divider (5590104), the NPT to JIC Elbow (5550106), and two NPT to JIC Nipples (5550100) Remove the plugs from the Flow divider input port and the two output ports.

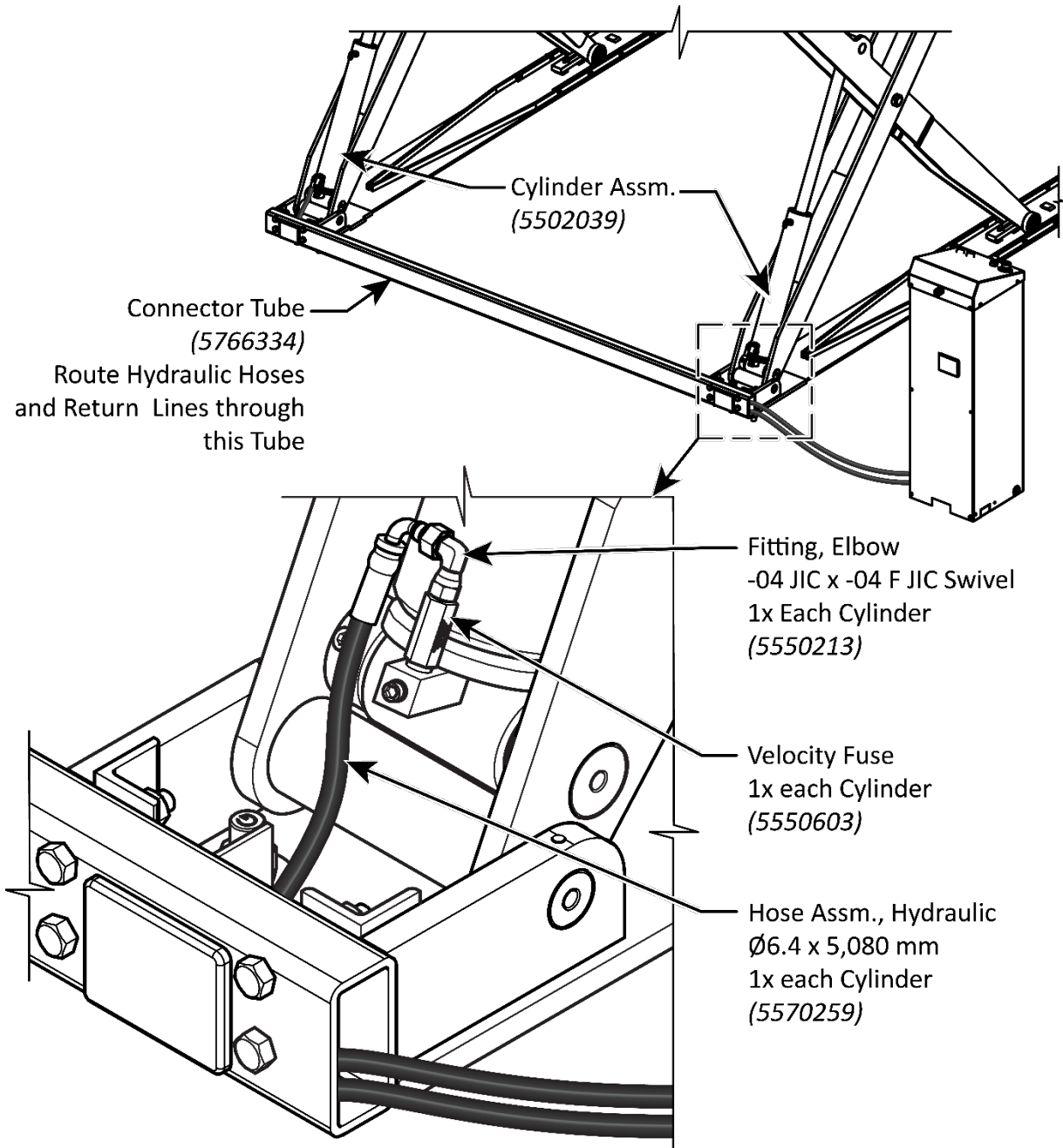


10. Install the elbow fitting (5550106) into the flow divider input port and the two nipples (5550100) into the flow divider output ports as shown above. Retrieve the short hydraulic hose (5570156) $\text{\O}6.35 \times 740\text{mm}$. Connect the flow divider input to the power unit output as shown below.



11. Route the two hydraulic hoses from the lift cylinders one at a time, through the opening along the bottom of the console and over to the flow divider. Connect one hose to each of the nipple fittings on the flow divider outputs. It does not matter which hydraulic hose goes to which flow divider output port. Coil any additional hydraulic hose inside the console.

The figure below details the hydraulic hose routing between the hydraulic cylinders and the console.



12. Once all connections have been made, use the appropriate tools to fully tighten all the finger-tightened connections.

13. Be systematic and verify all hydraulic connections have been tightened.

14. The flow divider does not require anchoring. It may remain loose in the console.

 **WARNING**

Do not operate your Autostacker if you have problems with this installation; instead, take it out of service, then contact your Autostacker dealer, visit autostacker.com/support, email support@autostacker.com, or call **(888) 977-8225**.



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