

Tilt Kit Priming Procedure



Stillwell Jacks

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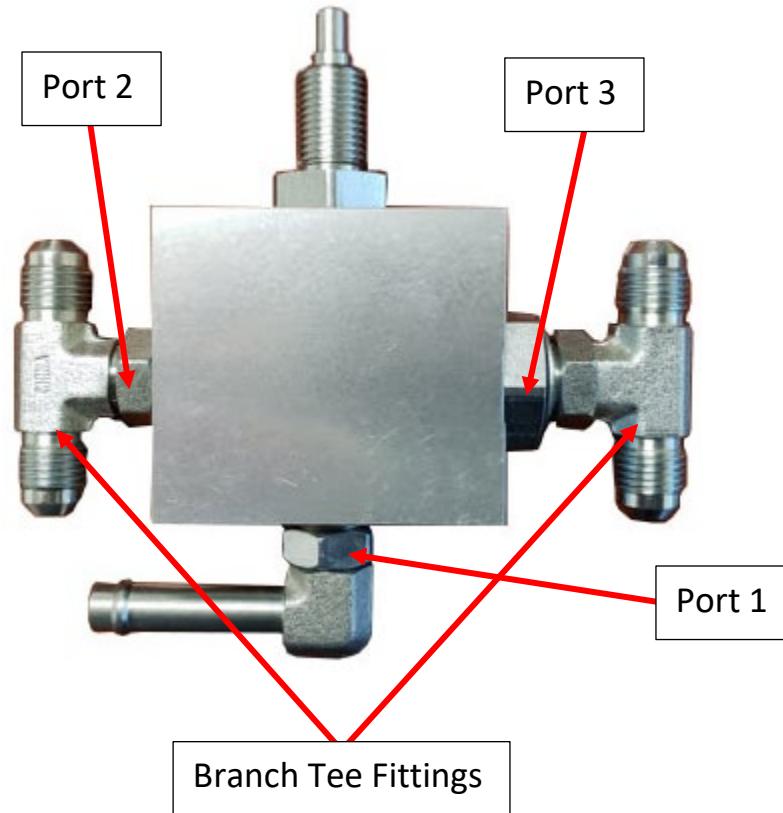
PARTS AND REQUIREMENTS

Parts Required	
Description	Quantity
Cylinder	1
Hoses for Trailer	2
Adapters:	
• JIC/ORB Branch Tee	2
• ORB/JIC Straight	1
• ORB/JIB Elbow	1
• ORB/Barb Elbow	1
3-Way Valve	1
Low Pressure Hose	1
Hose Clips	2
Reservoir	1

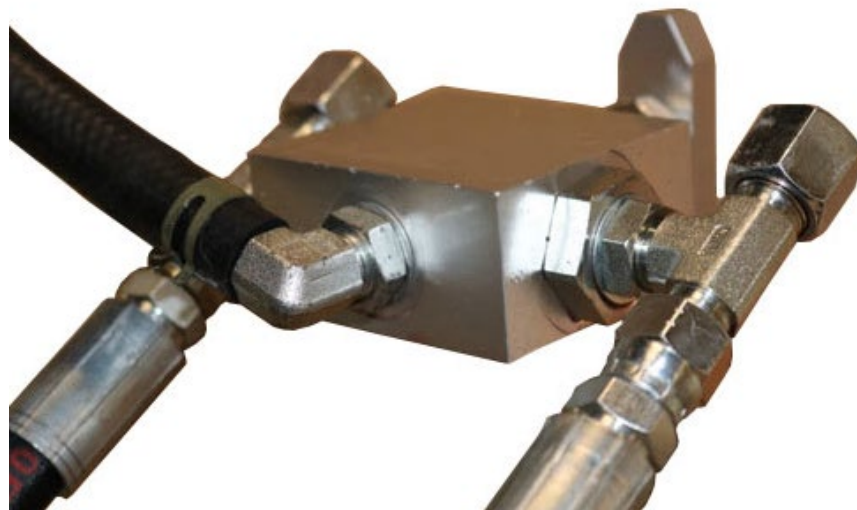
Test Bench Requirements
Pump
Hoses
Automatic Transmission Fluid

WORK INSTRUCTIONS

1. Install branch tee fittings into Ports 2 and 3 on sides of the valve.



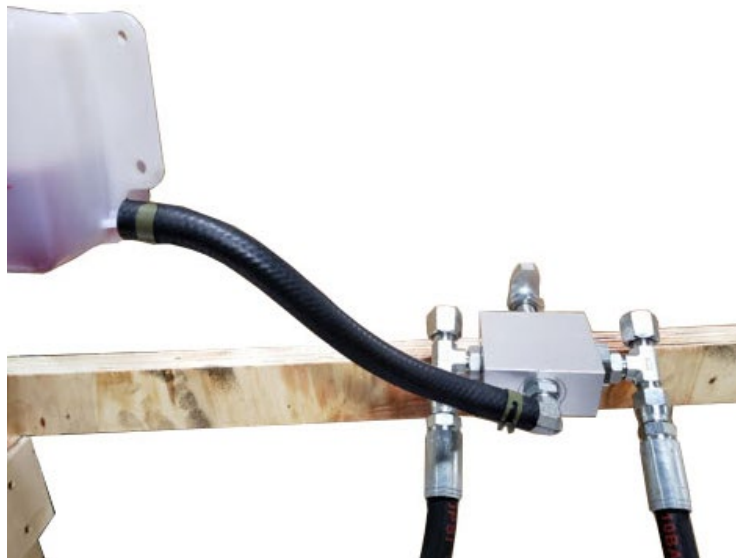
2. Branch tees should be rotated so the end facing the handle is higher than the other end to prevent any air from getting in the valve.
 - o Approximately 22.5 - 45° angle



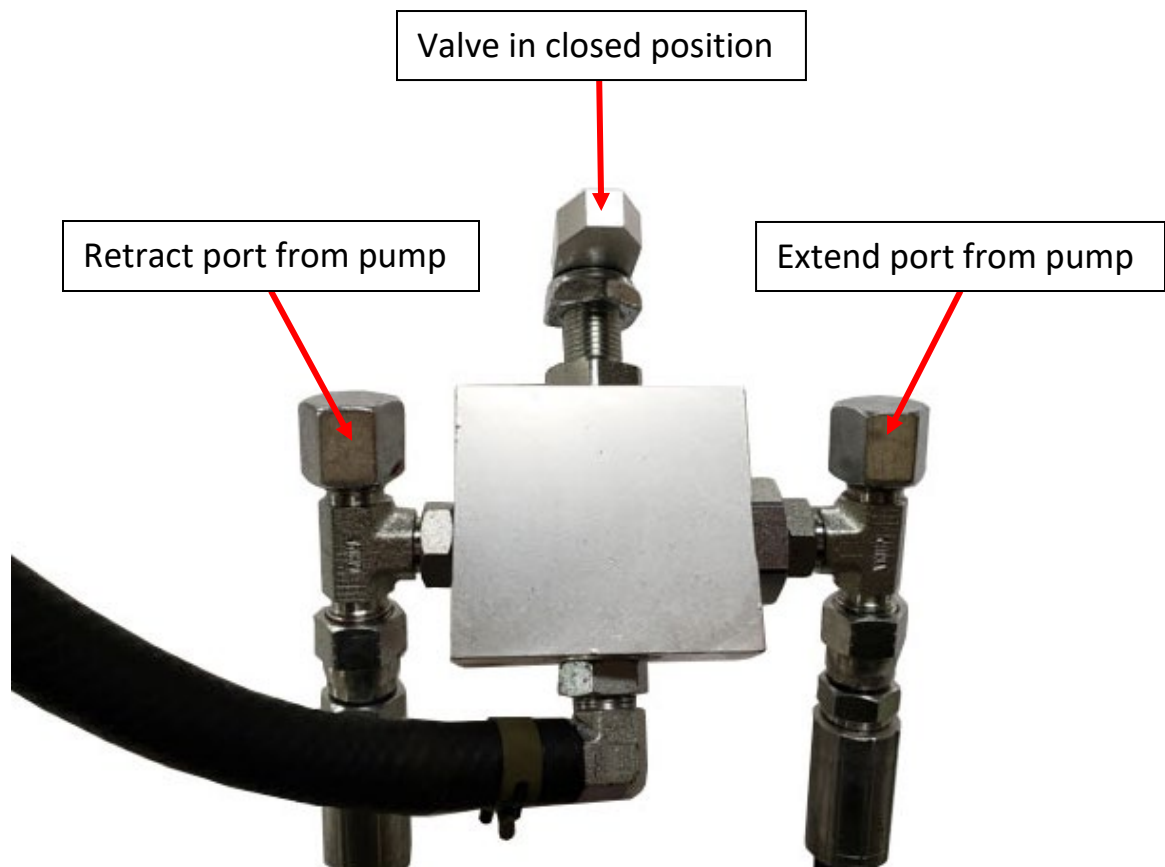
3. Connect hoses to cylinder.
 - 3.a. Connect base end hose to bottom port of branch tee on the bolt end of valve.
 - 3.b. Connect rod end of cylinder to opposite side of valve using the bottom port of the branch tee.



4. Connect low pressure hose to barb in Port 1 and tank. Use the provided hose clips to secure the hose.
5. Mount the tank above the valve and both tank and valve above cylinder on test bench.



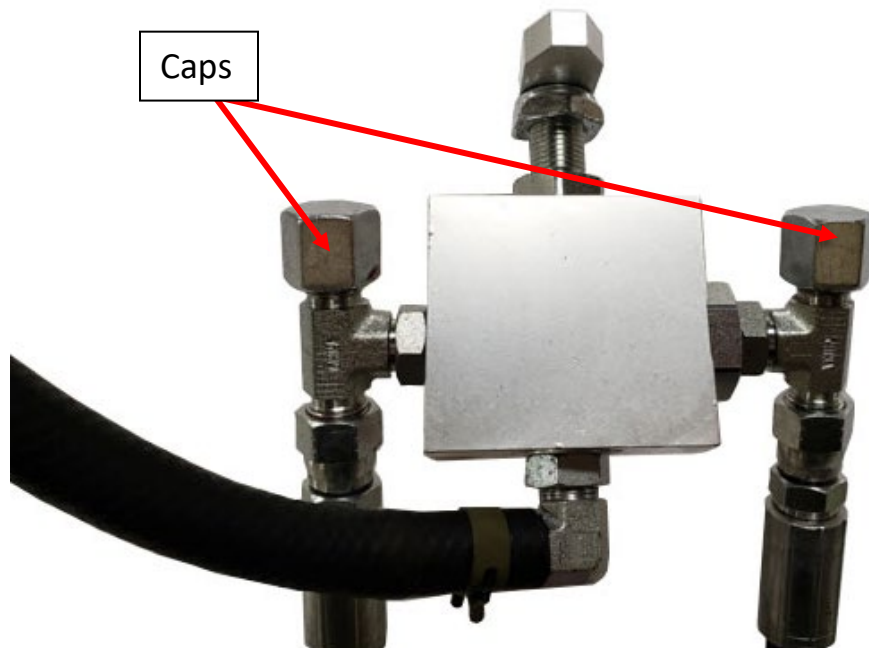
6. Ensure cylinder ports are facing up.
7. Tighten all fittings.
8. Connect hoses from the pump to open end of branch tees. Connect extend hose to base end branch tee.
9. Ensure valve is in closed position.
10. Fully cycle cylinder 2 times, pausing 2 seconds after each extend and 2 seconds after each retract.



11. Fully extend cylinder, open valve and continue to extend cylinder until fluid in the tank is at the full line.



12. Close valve.
13. Remove fill hoses.
14. If fluid is at top of branch tee ports, it ensures the cylinder is air tight, and you can install the caps.
15. If the fluid is not to the top of the branch tee fitting, open valve until fluid fills the branch tee and then install caps.



16. System is now primed and ready for installation.

Date	Notes	Revision
6/3/19	Initial Publication	A
7/5/2019	Reformat the procedure.	B