



HPI SERIES FILL AND VENT PROCEDURE – HFP-2

1. Fill the HFP-2 fill unit with ISO 32 oil or equivalent.
2. Retract the cylinder rod (energize B1) and block in retracted position.
3. Remove the black rubber dust cover from the cylinder fill coupling.
4. Remove the fill line and coupling from the HFP-2 fill unit.
5. Place the end of the fill line into a container of suitable size. Connect the fill coupling to the cylinder.
6. Depress and hold the manual override on the fast approach directional control valve (energize A1 port) until all oil and air have been vented from the cylinder.
7. Depress and hold the manual override on the fast approach directional control valve (energize B1 port).
8. Disconnect the fill line from the cylinder.
9. Connect the fill line to the HFP-2 unit.
10. Depress the inner ring on the fill unit coupling to allow oil to flow. Repeatedly depress the fill unit handle until all air has been vented from the fill unit tubing. Close coupling.
11. Connect fill unit to fill coupling on cylinder.
12. Repeatedly depress the fill unit handle until the handle becomes difficult to depress indicating the unit is full. Do not allow the fill unit can to get completely empty. Refill as necessary.
13. Disconnect the fill unit from the cylinder.
14. Repeat steps 4 thru 11 until no air is noticed when purging the cylinder.



Note: Air pressure must be applied to port “B2” to extend or retract cylinder rod. Always remember that air will travel to the highest point in any system. The unit must be vertical during this procedure.