

INSTRUCTION SHEET - BLEEDING PROCEDURE FOR REMOTE MANIFOLDS AND / OR SYNC CYLINDERS WITH VALVING

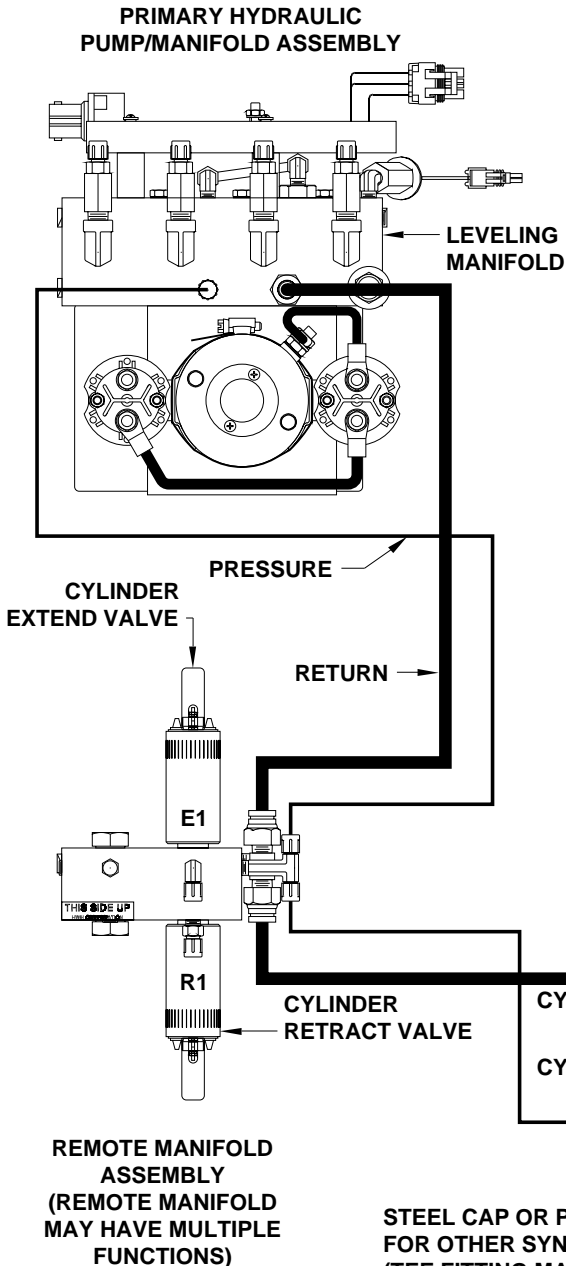
IMPORTANT: THESE INSTRUCTIONS MUST BE FOLLOWED BEFORE EXTENDING OR RETRACTING ANY ROOM EXTENSION, LEVELING JACK OR ANY OTHER PIECE OF EQUIPMENT CONNECTED TO THE PRIMARY HYDRAULIC PUMP / MANIFOLD ASSEMBLY.

NOTE: Remote manifold and / or sync cylinder pressure and return lines may be connected or routed to fittings in different locations on the manifolds or sync cylinders for different assemblies. Refer to specific hydraulic connection diagrams for current hose routing and connection information.

VALVE CLOSED



VALVE OPENED



REMOTE MANIFOLD / SYNC CYLINDER BLEEDING PROCEDURE

1. Make sure the pump reservoir is full.
2. Open both the cylinder EXTEND and cylinder RETRACT valves for all functions on the remote manifold or sync cylinder that is furthest from the pump in the hydraulic circuit.

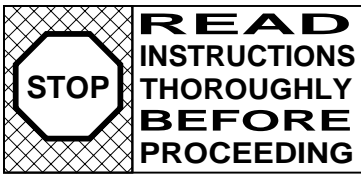
Note: Furthest component from the pump will only have one pressure line and one return line connected.

3. Use a control that will operate any function connected to a remote manifold or sync cylinder. **DO NOT** operate any room or jack that is not connected a the remote manifold or sync cylinder.
4. If operating a room, push and hold the room control switch to "EXTEND". If operating jacks, push and hold the manual UP arrow. The pump should run. Continue to keep the pump running for 30 to 60 seconds.

IMPORTANT: MAKE SURE THE FLUID LEVEL IN THE RESERVOIR DOES NOT GET TOO LOW.

5. Close all of the valves and fill the pump reservoir as necessary.

NOTE: Movement of the mechanism may occur while bleeding remote manifold or sync cylinder.



INSTRUCTION SHEET - ROOM RACKING OR ONLY ONE SIDE MOVING - CYLINDER BLEED PROCEDURE UNIVERSAL STRAIGHT-OUT (USO) LIGHT DUTY

NOTE: The "REMOTE MANIFOLD BLEED PROCEDURE" should be done before performing the "CYLINDER BLEED PROCEDURE" if so equipped.

IMPORTANT: WHEN USING THIS PROCEDURE, OIL WILL SPRAY OUT OF THE FITTINGS AND RUN DOWN THE CYLINDER AS THE FITTINGS ARE LOOSENED. USE EXTREME CARE TO PROTECT INTERIOR COACH EQUIPMENT. INCLUDING FURNITURE AND HEADLINER, FROM OIL SPRAYING OR DRIPPING.

1. Start with the room fully retracted. Continue to hold the room control switch for several seconds after the room is fully retracted.
2. Remove room valance, trim or other equipment as necessary to allow access to the fittings at the top of the room mechanism cylinders.
3. Start at either end of the room. Use rags around the fittings while loosening fittings to help reduce spray or dripping. First loosen the rod fitting. Slowly loosen the fitting 1 flat at a time until fluid comes out. When fluid pressure is gone, tighten the fitting, snug plus 1-1/2 flats. Push the room control switch to retract. This will re-pressurize the system. Repeat this with the rod end of the cylinder at the other end of the room.

WARNING: PROTECT HANDS OR OTHER PARTS OF THE BODY FROM HIGH PRESSURE OIL. OIL MAY PENETRATE SKIN CAUSING INJURY OR DEATH.

IMPORTANT: DO NOT BLEED THE CAP END FITTINGS UNTIL BOTH ROD END FITTINGS ARE BLED AND TIGHTENED.

4. When both rod end fittings have been bled, repeat the process with both cap end fittings.
5. Push the room control switch to retract for several seconds.
6. Now extend the room fully. Stop immediately if the movement of the room will cause damage to any coach trim or equipment. If this occurs, the room mechanisms will have to be disconnected from the room. Remove the mounting bracket clips from the room mounting brackets. The mounting channel can be pulled away from the room so that the mechanism can move free of the room. If there is not enough room to pull the channel away from the room, the mounting brackets can be removed from the room. If accessible the room cylinders can be disconnected from the room mechanism to perform this procedure.
7. Extend and retract the room several times until the room is running fully synchronized. If the mechanisms were removed from the room, reattach the mechanisms, then extend and retract the room several times making sure the room runs fully synchronized.

IMPORTANT: AFTER THE ROOM IS FUNCTIONING PROPERLY, MAKE SURE THE ROOM SEALS WHEN IN AND OUT. MAKE ANY ADJUSTMENTS NECESSARY.

