

# HYDRAULIC LINE CONNECTION DIAGRAMS

### HWH SPACEMAKER SLIDE-OUT SYSTEMS

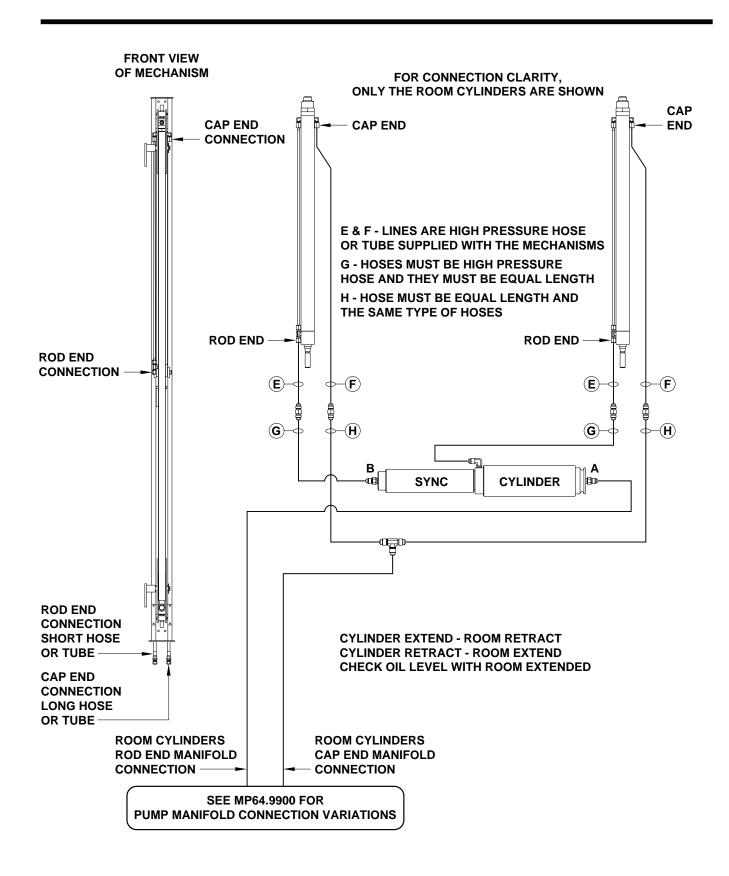
### **FEATURING:**

Dual-Cylinder "Universal Straight-Out (USO)" Slide-Out System

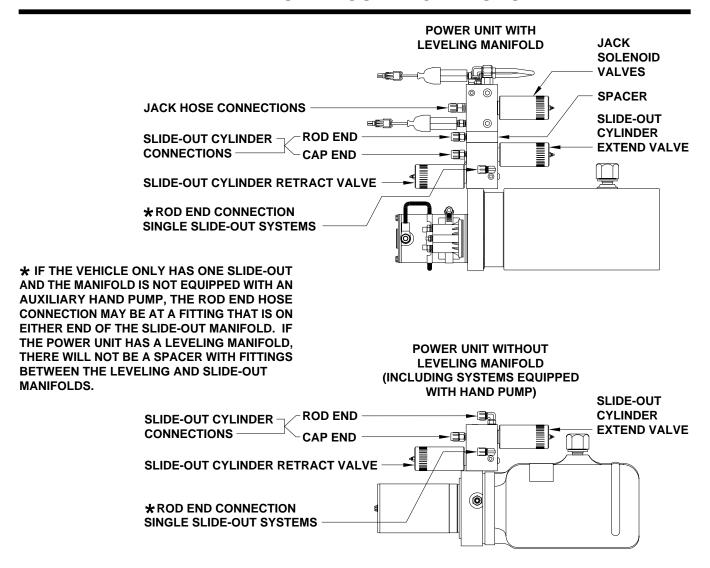
#### **HWH CORPORATION**

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### GENERIC HYDRAULIC LINE CONNECTION DIAGRAM UNIVERSAL STRAIGHT OUT ROOM EXTENSION



## HYDRAULIC LINE CONNECTION DIAGRAM SLIDE-OUT LINE CONNECTIONS AT THE MANIFOLD ALL HWH SLIDE-OUT MECHANISMS

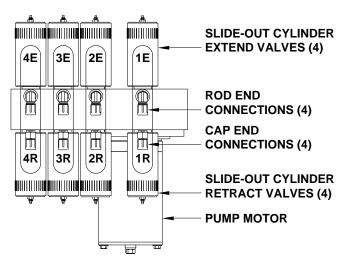


HOSE CONNECTIONS AT THE MANIFOLD ARE CRITICAL. IMPROPER HOSE ROUTING WILL CAUSE INCORRECT SLIDE-OUT FUNCTION AND CAN CAUSE SEVERE DAMAGE TO SLIDE-OUT CYLINDERS OR SOLENOID VALVES. IF A ROD AND CAP END HOSE ARE REVERSED FOR A SLIDE-OUT, THE SLIDE-OUT CYLINDER(S) WILL EXTEND BUT NOT RETRACT.

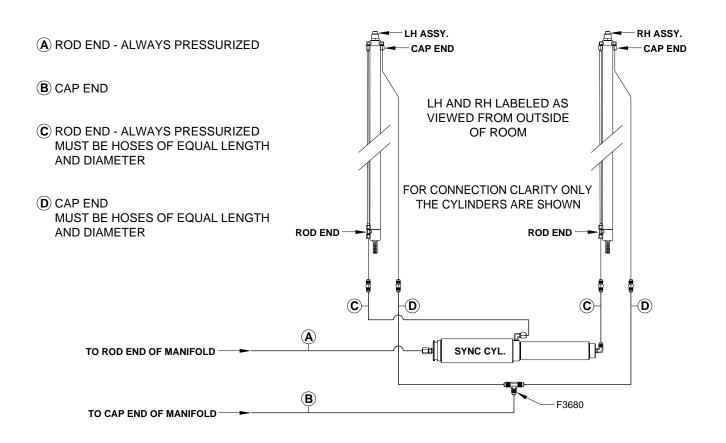
THE ROD AND CAP HOSES MUST GO TO THE CORRECT FITTINGS IN LINE WITH THE CORRECT EXTEND AND RETRACT VALVES FOR THE SLIDE-OUT. IF THE ROD END OR CAP END HOSES FOR TWO SLIDE-OUTS ARE SWAPPED, EXTREME PRESSURE WILL DAMAGE THE SOLENOID VALVES OR SLIDE-OUT CYLINDERS.

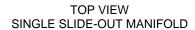
CONNECTION INFORMATION ON THIS PAGE IS THE SAME FOR SYSTEMS EQUIPPED WITH AUXILIARY HAND PUMPS OR REMOTE SLIDE-OUT MANIFOLDS.

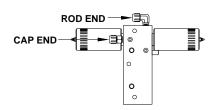
#### **TOP VIEW OF 4 SLIDE-OUT MANIFOLD**



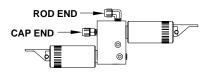
## HYDRAULIC LINE CONNECTION DIAGRAM GENERIC DIAGRAM FOR UNIVERSAL STRAIGHT OUT SLIDE-OUT







SIDE VIEW
REMOTE MANIFOLD OR SLIDE-OUT MANIFOLD
WITH NO LEVELING MANIFOLD OR
WITH AUXILIARY HAND PUMP



### SIDE VIEW MULTIPLE SLIDE-OUT MANIFOLD WITH LEVELING MANIFOLD

