

HYDRAULIC LINE CONNECTION DIAGRAMS

HWH SPACEMAKER SLIDE-OUT SYSTEMS

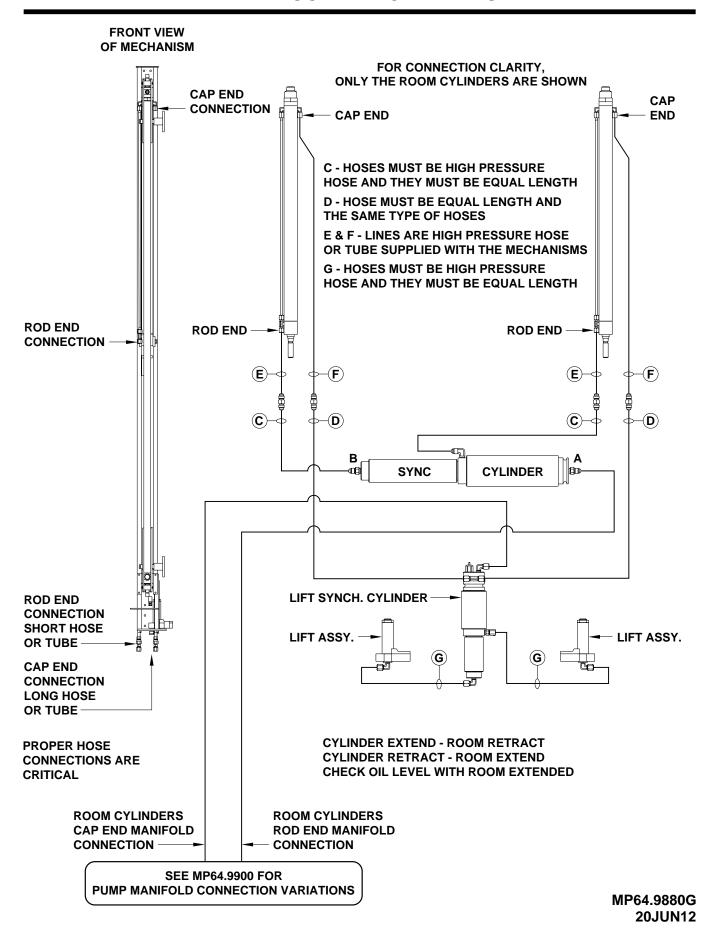
FEATURING:

Dual-Cylinder "Universal Level-Out (ULO)" Slide-Out System

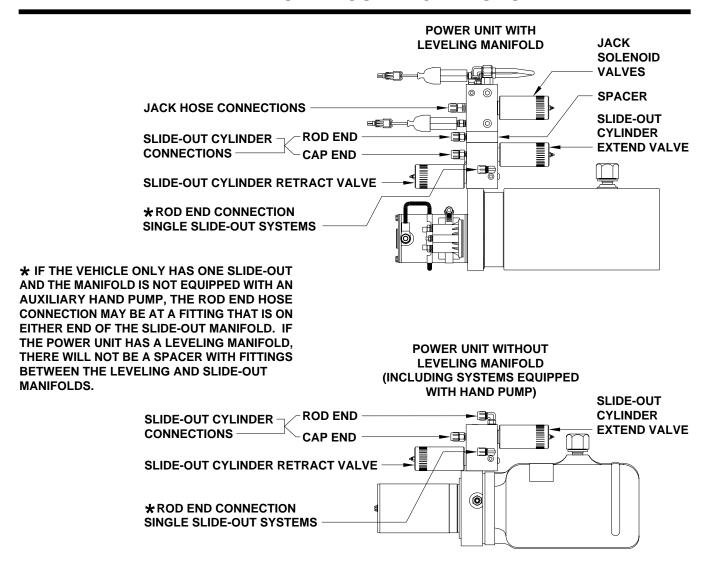
HWH CORPORATION

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GENERIC HYDRAULIC LINE CONNECTION DIAGRAM UNIVERSAL LEVEL OUT ROOM EXTENSION WITH ROOM LIFT CYLINDERS



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

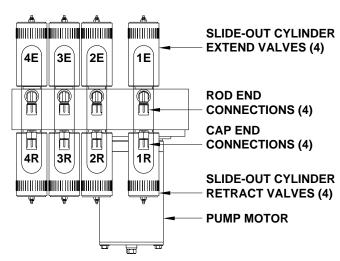


HOSE CONNECTIONS AT THE MANIFOLD ARE CRITICAL. IMPROPER HOSE ROUTING WILL CAUSE INCORRECT SLIDE-OUT FUNCTION AND CAN CAUSE SEVERE DAMAGE TO SLIDE-OUT CYLINDERS OR SOLENOID VALVES. IF A ROD AND CAP END HOSE ARE REVERSED FOR A SLIDE-OUT, THE SLIDE-OUT CYLINDER(S) WILL EXTEND BUT NOT RETRACT.

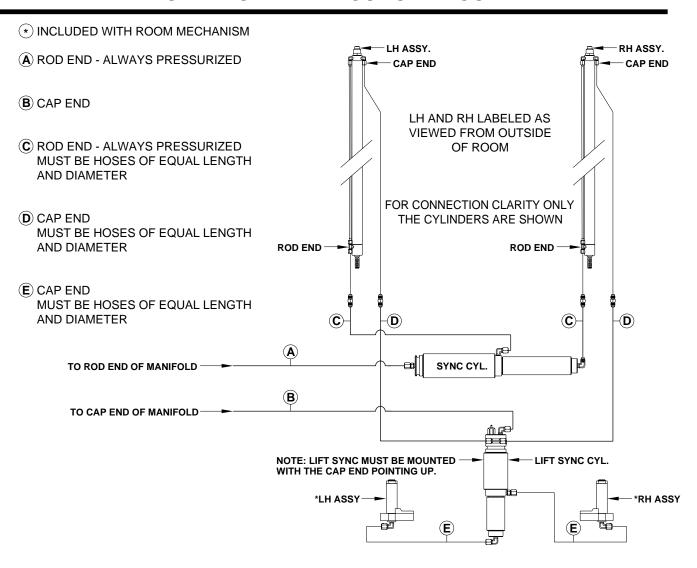
THE ROD AND CAP HOSES MUST GO TO THE CORRECT FITTINGS IN LINE WITH THE CORRECT EXTEND AND RETRACT VALVES FOR THE SLIDE-OUT. IF THE ROD END OR CAP END HOSES FOR TWO SLIDE-OUTS ARE SWAPPED, EXTREME PRESSURE WILL DAMAGE THE SOLENOID VALVES OR SLIDE-OUT CYLINDERS.

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

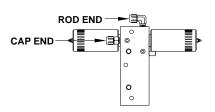
TOP VIEW OF 4 SLIDE-OUT MANIFOLD



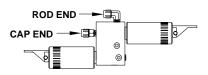
HYDRAULIC LINE CONNECTION DIAGRAM GENERIC DIAGRAM FOR UNIVERSAL LEVEL OUT SLIDE-OUT



TOP VIEW SINGLE SLIDE-OUT MANIFOLD



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

