HYDRAULIC LINE CONNECTION DIAGRAMS

HWH® SPACEMAKER® SLIDE-OUT SYSTEMS

FEATURING:
Single-Cylinder "Guided" Slide-Out System
NOTE: THE ROD END CONNECTION FROM THE MANIFOLD TO THE ROOM CYLINDER IS ALWAYS PRESSURIZED.

CHECK OIL LEVEL WITH ROOM RETRACTED

CAP END MANIFOLD CONNECTION → ROD END MANIFOLD CONNECTION

SEE MP64.9900 FOR PUMP MANIFOLD CONNECTION VARIATIONS
HYDRAULIC LINE CONNECTION DIAGRAM
SLIDE-OUT LINE CONNECTIONS AT THE MANIFOLD
ALL HWH SLIDE-OUT MECHANISMS

POWER UNIT WITH LEVELING MANIFOLD

JACK SOLENOID VALVES
SPACER
SLIDE-OUT CYLINDER EXTEND VALVE

SLIDE-OUT CYLINDER CONNECTIONS
ROD END CONNECTION
CAP END
SLIDE-OUT CYLINDER RETRACT VALVE
★ ROD END CONNECTION SINGLE SLIDE-OUT SYSTEMS

POWER UNIT WITHOUT LEVELING MANIFOLD
(INCLUDING SYSTEMS EQUIPPED WITH HAND PUMP)

SLIDE-OUT CYLINDER CONNECTIONS
ROD END CONNECTION
CAP END
SLIDE-OUT CYLINDER RETRACT VALVE
★ ROD END CONNECTION SINGLE SLIDE-OUT SYSTEMS


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.
HYDRAULIC LINE CONNECTION DIAGRAM
GENERIC DIAGRAM FOR
SINGLE CYLINDER SLIDE-OUT

TO CAP END OF MANIFOLD → B
TO ROD END OF MANIFOLD → A

A ROD END - ALWAYS PRESSURIZED
B CAP END

FOR CONNECTION CLARITY ONLY
THE CYLINDER IS SHOWN

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

MP64.9990B
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