HYDRAULIC LINE CONNECTION DIAGRAMS

HWH® SPACEMAKER® SLIDE-OUT SYSTEMS

FEATURING:

Dual-Cylinder "Universal Platform Level-Out (UPLO)" Slide-Out System
With Three Lift Cylinders
For connection clarity, only the room cylinders are shown.

Cylinder extend - room retract
Cylinder retract - room extend
Check oil level with room extended.

E & F - Lines are high pressure hose or tube supplied with the mechanisms.
G - Hoses must be high pressure hose and they must be equal length.
H - Hose must be equal length and the same type of hoses.

See MP64.9900 for pump manifold connection variations.
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.

* If the vehicle only has one slide-out and the manifold is not equipped with an auxiliary hand pump, the rod end hose connection may be at a fitting that is on either end of the slide-out manifold. If the power unit has a leveling manifold, there will not be a spacer with fittings between the leveling and slide-out manifolds.
HYDRAULIC LINE CONNECTION DIAGRAM

TOP VIEW
SINGLE SLIDE-OUT MANIFOLD
ROD END - ALWAYS PRESSURIZED
CAP END

SIDE VIEW
REMOTE MANIFOLD OR SLIDE-OUT MANIFOLD
WITH NO LEVELING MANIFOLD OR
WITH AUXILIARY HAND PUMP
ROD END - ALWAYS PRESSURIZED
CAP END

SIDE VIEW
MULTIPLE SLIDE-OUT MANIFOLD
WITH LEVELING MANIFOLD
LEVELING MANIFOLD
ROD END - ALWAYS PRESSURIZED
CAP END

NOTE: GENERIC VIEWS FOR CLARITY. CYLINDERS MAY BE REVERSED