



HYDRAULIC CYLINDER TEST

HYDRAULIC LANDING GEAR, REAR STAB JACKS OR LEVELING JACKS

1. Retract jack in question. If retracting HLG, both jacks will retract. If retracting leveling jack, all jacks will retract.
2. Once jack is fully retracted, remove the extend hose (hose located at the TOP of the jack). If testing ROAD SIDE HLG or REAR STAB JACKS, the hose will be mounted to a red restricted flow valve block.

WARNING!

Do not attempt to EXTEND jack. The system will experience RAPID FLUID LOSS.

3. When the hose is removed, push the RETRACT button again.
 - A. If fluid comes from the jack while the retract button is being pressed, the hydraulic cylinder is bypassing the internal seal and must be replaced. (See LIP Sheet 0057 for this procedure).
 - B. If NO fluid comes from the cylinder during this retract procedure, the cylinder is good.
 - C. If NO fluid comes from the JACK but does come from the HOSE, test the opposite jack (HLG and Rear Stab's only).

WARNING!

Be sure to reconnect and tighten EXTEND hose. System will experience RAPID FLUID LOSS If hose is not reconnected.

HYDRAULIC SLIDEOUT CYLINDER

1. Retract (close) the slideout (room) completely.
2. Loosen hose from "E" (extend) port on the manifold of the Power Unit.

WARNING!

Do not attempt to run room out with the "E" port hose loose. The system will experience RAPID FLUID LOSS.

3. Plug opening on manifold to prevent drawing air into the system.
4. Energize the Pump Unit to retract (close) room.
5. Continue to run the room in and watch for fluid flow from hose/port "E". Fluid flow greater than a few drops will indicate internal cylinder leaking (bypassing of piston seal). If there is no fluid flow, reconnect hose to "E" port and tighten.

WARNING!

Be sure to reconnect and tighten hose at the "E" port before attempting to extend (open) the room or the system will experience RAPID FLUID LOSS.