



The HPR series pumps are outfitted with both, load sensing and pressure compensation. If certain applications require a pressure compensated pump only, means can be taken to eliminate the load sensing portion of the HPR units. This can be done either externally or internally.

To cancel the load sensing externally: connect "P" to "LS" which is the load sensing port, this plus the additional 300 psi from the spring will hold the load sensing spool in a deactive position; therefore, eliminating it. (see illustration A)

To cancel the load sensing internally: the load sensing spool must be physically disabled; therefore eliminating it. (see illustration B)

**Procedure:**

- 1) Remove the hex nut (item 1).
- 2) Install a 3/16 inch diameter slug approximately 5/16 inch long between spring hats.
- 3) Replace the hex nut (item 1); but first, back out the adjuster screw (item 3) several turns.
- 4) Screw in the adjuster stud (item 3) until solid. This will ensure that there is no play in the load sensing spool.
- 5) Secure with the jam nut (item 2).

