



Technical Bulletin

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Spool Assembly Service Kit 673089

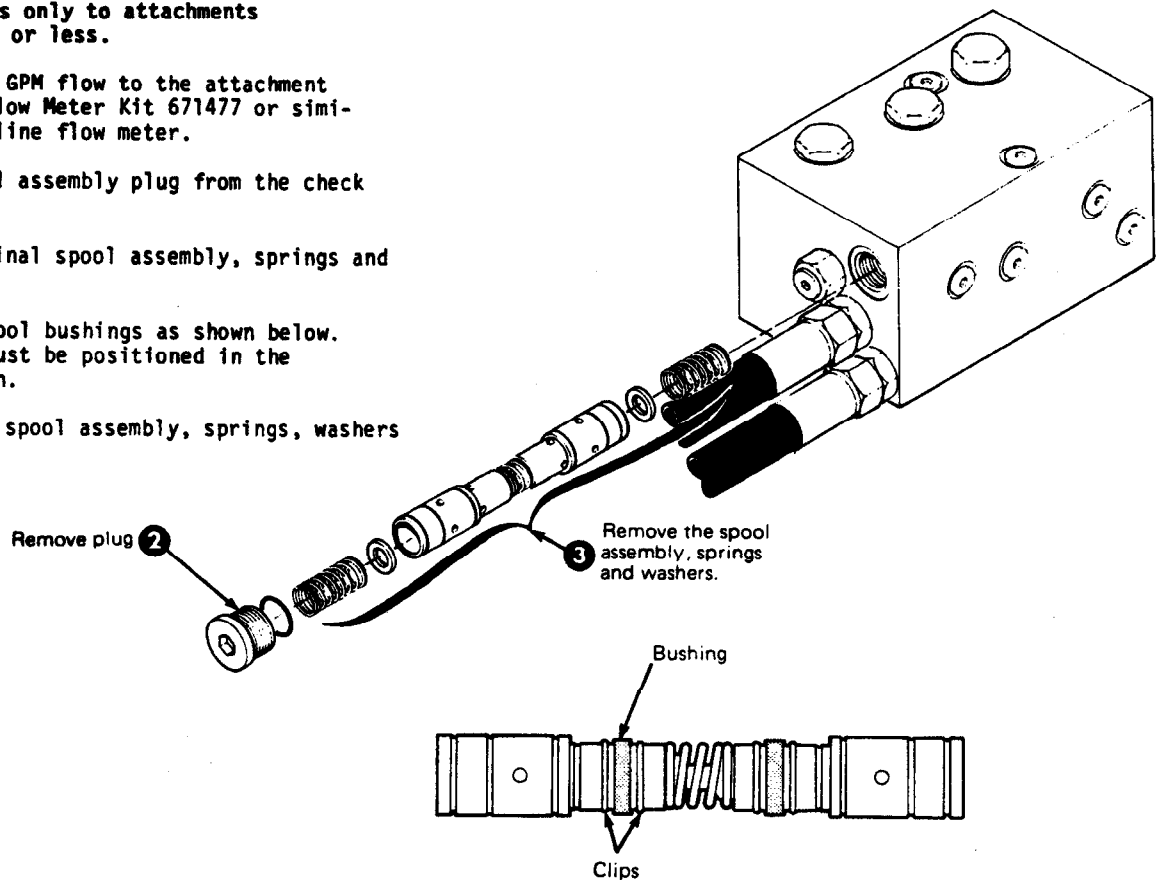
Models: 20D, 35D and 60D Carton Clamps

Problem: Carton Clamps mounted on trucks supplying less than 8 GPM hydraulic flow are experiencing unequal arm movement due to the low flow volume.

Solution: Replace the existing valve spool assembly with Spool Assembly Service Kit 673089.

The spool kit applies only to attachments being supplied 8 GPM or less.

- 1 Check the truck GPM flow to the attachment using Cascade Flow Meter Kit 671477 or similar 1-20 GPM inline flow meter.
- 2 Remove the spool assembly plug from the check valve body.
- 3 Remove the original spool assembly, springs and washers.
- 4 Position the spool bushings as shown below. Both bushings must be positioned in the inboard position.
- 5 Install the new spool assembly, springs, washers and plug.



1 THROUGH 8 GPM FLOW - Position bushings and clips inboard.

NOTE: This information should not be interpreted as the basis for warranty claims unless so designated.

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