



Number 136

February 1984

Technical Bulletin

30C Load Push/Pull Adjustable Retainer Cylinder Installation Instructions

MODELS: 30C Load Push/Pull attachments with non-standard platen lengths.

Installation Instructions for Adjustable Retainer Cylinder Kits 326126, 326127, 326128, and 326129. Each kit includes (1) adjustable cylinder assembly and (2) 90° 5-6 fittings. Two cylinders are required per attachment.

The old cylinders have No.5 ports and fittings that connect to No.5 hoses. The new replacement cylinders have No.6 ports requiring No.5-6 fittings to connect to the No.5 hoses. Cylinder applications are listed below:

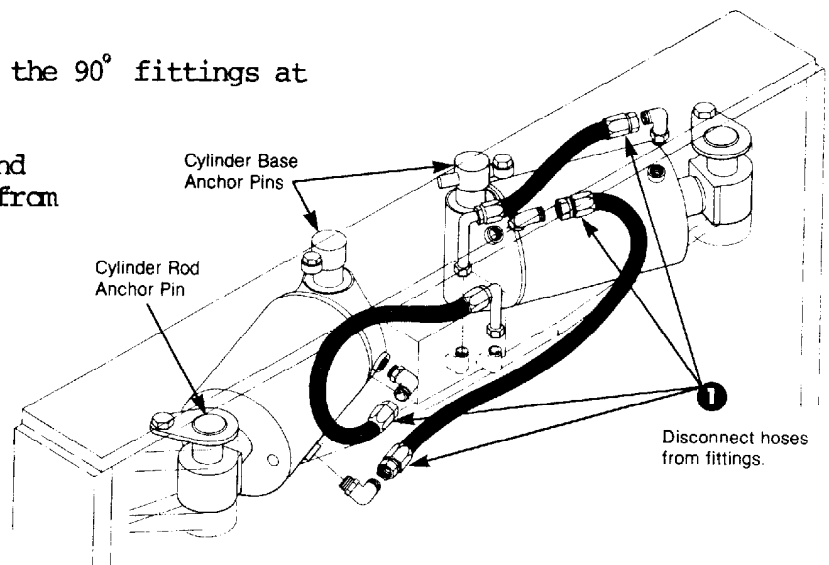
FACEPLATE STROKE (in)	NEW KIT NO.	NEW CYLINDER NO.	OLD CYLINDER NO.
41-48	326126	324482	308987
33-40	326127	324483	308988
25-32	326128	324484	308989
17-24	326129	324485	308990



WARNING: Before removing any hoses, relieve pressure that might be present in the hydraulic system. With the truck off, open the truck auxiliary control valve(s) several times in both directions.

- 1 Disconnect the cylinder hoses from the 90° fittings at the cylinder.
- 2 Remove the cylinder rod and base end anchor pins. Remove the cylinder from the attachment.
- 3 Install the 90° fittings supplied in the kit to the new cylinder.

NOTE: The old fittings are not compatible with the new cylinder.



(continued)

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P.O. Box 20187 • Portland, Oregon 97220 • (503) 666-1511
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NOTE: Do not connect hoses to the cylinder until after the inner retainer has been adjusted.

4 Install the cylinder to the frame and arm. Tighten the rod end anchor pin capscrews to a torque of 14-16 ft.-lbs. Tighten the base end anchor pin capscrew to a torque of 35-39 ft.-lbs.

5 Loosen the setscrew in the jam nut ring. Use a pin type spanner wrench to backoff the jam nut ring to the end of the inner retainer. Applicable tools listed below.

Caterpillar: 5P3520 Wrench
5P8675 Handle

Willaims: 482 2" Wrench
484 4" Wrench

6 Adjust the inner retainer outward to the end of its travel. The threads will be exposed about 1 inch.

7 Manually extend the faceplate to set square with the platen tips at the desired extension.

8 Adjust the inner retainer inward to contact the cylinder piston. The faceplate must remain square with the platen tips.

9 Tighten the jam nut ring to a torque of 75-100 ft.-lbs. Tighten the setscrew to a torque of 16-18 ft.-lbs.

10 Reinstall the hoses to the cylinder fittings.

11 Remove air from the system by extending the faceplate fully and keeping it there for 10-20 seconds with the truck valve actuated. Repeat if necessary.

12 If the faceplate is not extending square with the platen tips, adjust as follows:

<u>IF</u>	<u>ADJUST</u>
Left side of faceplate extends to far.	Right Cylinder
Right side of faceplate extends to far.	Left Cylinder

Pin type spanner wrenchs

