



Technical Bulletin

45F Paper Roll Clamp Arm and Cylinder Interference

Model: 45F Paper Roll Clamps

Condition: When clamping small diameter rolls the arms may interfere with the cylinder rod end feed tube.

Solution: Modify the arms as described below to provide clearance.

IMPORTANT: Cascade allows a standard labor time of 1.0 hr for these operations.

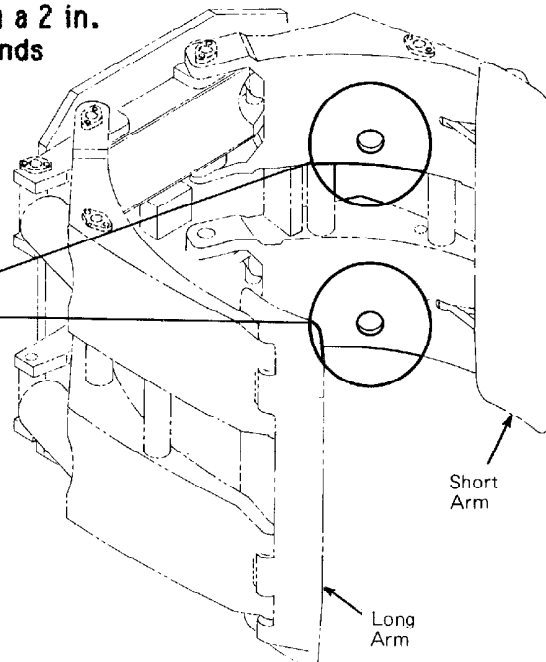
Short Arm Modifications – All 45F Clamps with Positionable Short Arm

1. Identify the model number of the clamp. See the attachment nameplate. Save for future reference. Model No. _____.
2. Position the short arm on the left side of the lift truck as viewed from the drivers seat. Rotate the clamp to the 45° position. Fully close the short arm.
3. Center punch the short arm two places using the dimensions shown in figure 2 on the attached sheet.
NOTE: The clamp model number is required to determine the X dimension.
4. Drill two holes in the short arm using a 2 in. hole saw. Suggested Hole Saw: Simonds Weld Edge Catalog No. 36-003200 2 in. dia.

5. Deburr the hole using a grinder or hand file.

(Continued)

Short Arm
Modifications
See Figure 2.



Part No. 677001

cascade[®] corporation

For Technical Assistance . . .

Call: 1-800-CASCADE or 503-666-1518

OR

Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

To Order Parts . . .

Call: 513-322-1199

OR

Write: Cascade Corporation, P.O. Box 360 Springfield, OH 45505

**Long Arm Modifications -
Model Numbers 45F-RC-23 and 45F-RC-33 only.**

1. Remove both long arm cylinder rod end pins from the arm.
2. Layout two 5.25 in. radiuses on the long arm using the full size template shown in figure 1 or the dimensions shown in figure 3 on the attached sheet.
3. Swing the cylinders away from the arm.
4. Protect adjacent surfaces from cutting splatter. Cut along the radiuses with a cutting torch.
5. Deburr the cut edges using a grinder or hand file. Reassemble the cylinder rod ends to the arm. Tighten the keeper capscrews to a torque of 30-35 ft.-lbs.

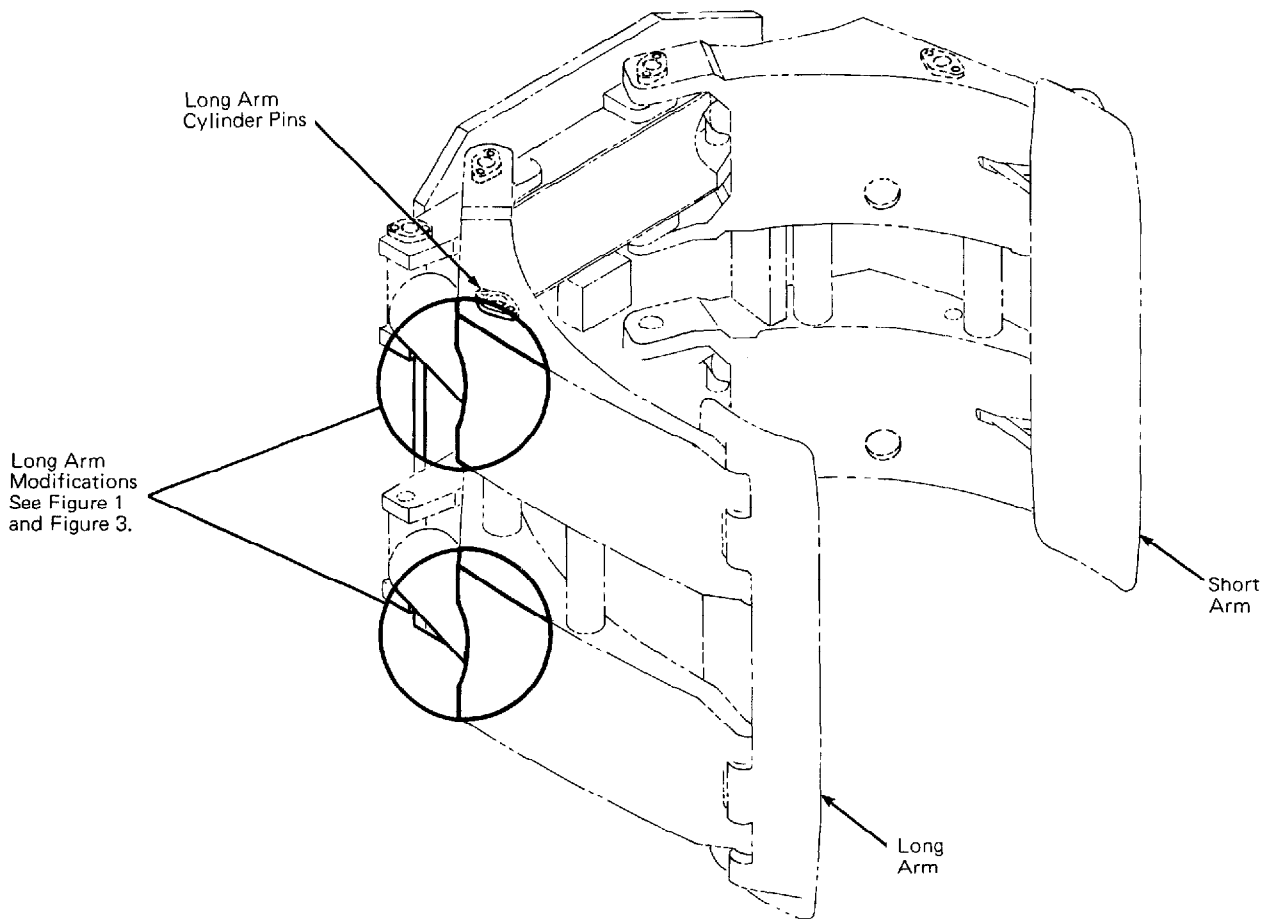


FIGURE 1

FIGURE 2
Short Arm
 Dimensions typical
 for both cutouts.

| Attachment Model Number | Dimension X |
|-------------------------|-------------|
| 45F-RC-01 | 7.80 |
| 45F-RC-03 | 10.00 |
| 45F-RC-11 | 7.80 |
| 45F-RC-13 | 10.00 |
| 45F-RC-21 | 7.80 |
| 45F-RC-23 | 10.00 |
| 45F-RC-31 | 7.80 |
| 45F-RC-33 | 10.00 |

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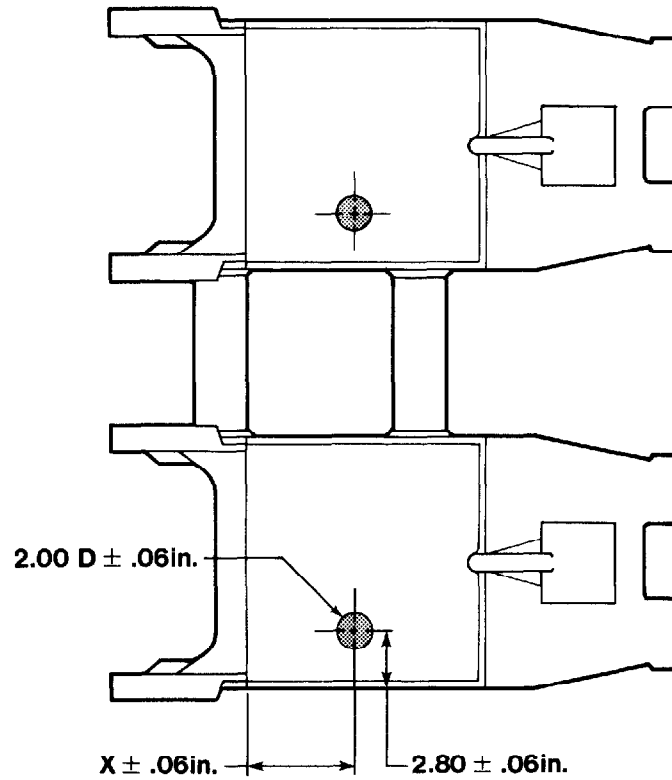


FIGURE 3
Long Arm
 Dimensions typical
 for both cutouts.

