



Technical Bulletin

G-Series Multiple Load Handler Inner Fork Carrier Hook Flange Modification

This bulletin describes modifying Cascade G-Series Multiple Load Handler inner fork carrier lower hook flanges using kit 6148830. Each kit contains four retainers and two bearings. When fork tips are under a load, the inner fork carrier hook flanges are pulled into the lower outer arm bar. This can cause damage to the arm bar when opening and closing the forks or sideshifting. To prevent damage, a retainer and bearing need to be installed as follows:

Attachment Removal

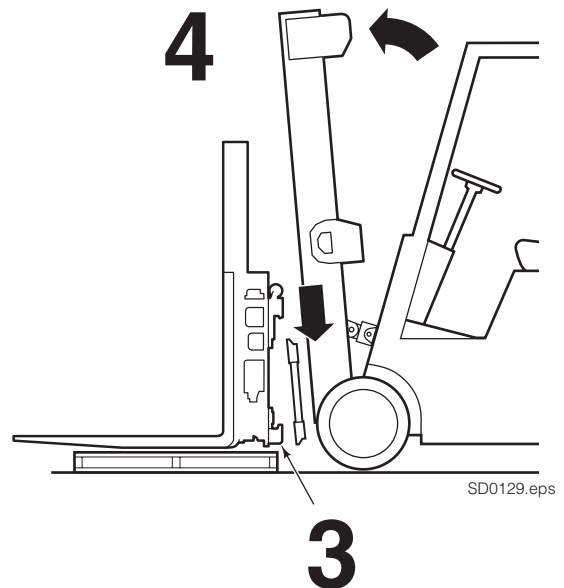
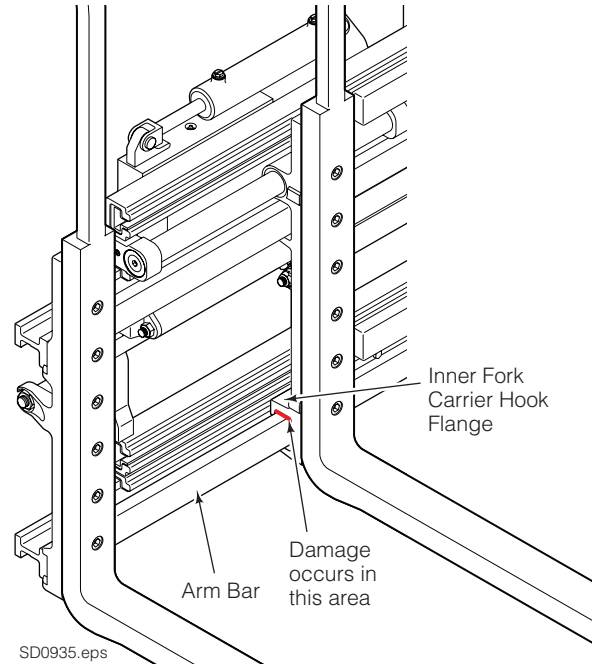
- 1 Fully open outer forks.



WARNING: Before removing hydraulic lines or components, relieve pressure in the hydraulic system. Turn truck off and open the truck auxiliary control valve(s) several times in both directions.

- 2 Disconnect the supply hoses from the bulkhead fittings and sideshift cylinder fittings. Tag hoses for reassembly.
- 3 Disconnect/remove the lower hooks.
Bolt-On Hooks – Remove the lower mounting hooks. For reassembly, tighten capscrew to a double torque of 165 ft.-lbs. (225 Nm). Check clearance for sidshifting leaving a minimum of .10 in. (2.5 mm) space.
Quick Change Hooks – Pull out pin and rotate hook down. Release pin. For reassembly, pull pin and rotate hook up. Release pin.
- 4 Position the attachment over a pallet. Lower the attachment onto the pallet. Tilt the truck carriage forward. Lower carriage and back truck away.
- 5 Lay attachment on its back.
- 6 For installation, reverse the above procedures. Adjust the lower hook as detailed on the next page. Refer to attachment's installation instructions for complete installation procedure.

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



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Write: Cascade Corporation, 2501 Sheridan Ave., Springfield, OH 45505

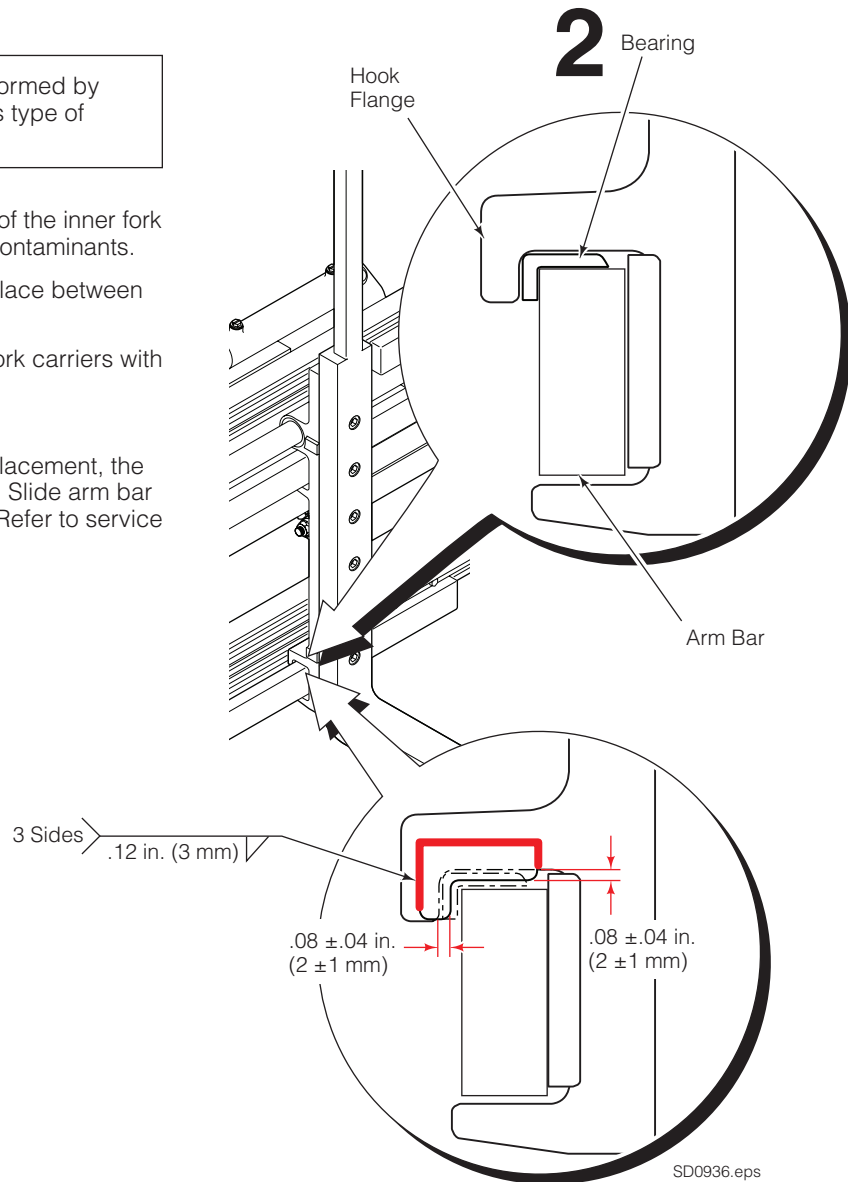
Bearing and Retainer Installation



WARNING: Welding must be performed by a qualified welder familiar with this type of fabrication.

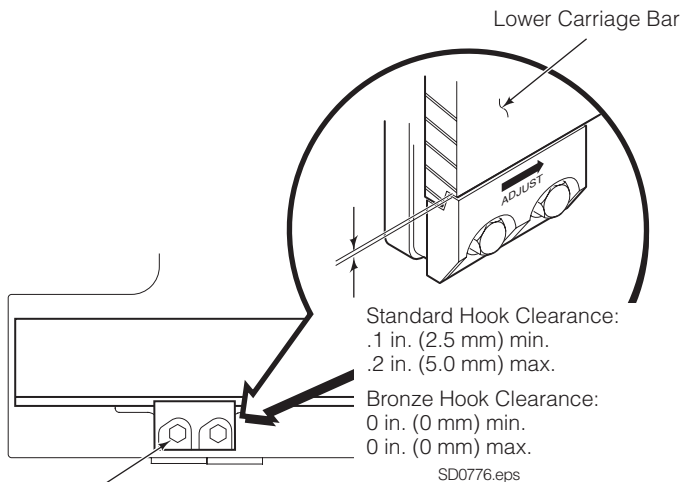
- 1 Clean surfaces to be welded. On each side of the inner fork carriers, remove paint, oil grease and other contaminants.
- 2 Use a rubber mallet to tap the bearing into place between arm bar and fork carrier hook flange.
- 3 Position and weld the retainers to the inner fork carriers with the dimensions shown.
- 4 Clean weld area and repaint.

NOTE: The retainers trap the bearings. For replacement, the outer fork cylinder nut will need to be removed. Slide arm bar out of inner fork carrier to expose the bearing. Refer to service manual for proper removal instructions.



Lower Hook Installation

Bolt-On Hooks



Tighten capscrews to a double torque of 165 ft.-lbs. (225 Nm)

Quick Change Hooks

