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11.2012	514	006	1	1(3)

Cam Tube Support Brackets on Wide Base Wheel Equipment CHU, CXU, GU

PI0799, Camshaft Tube Support Brackets

(November 2012)

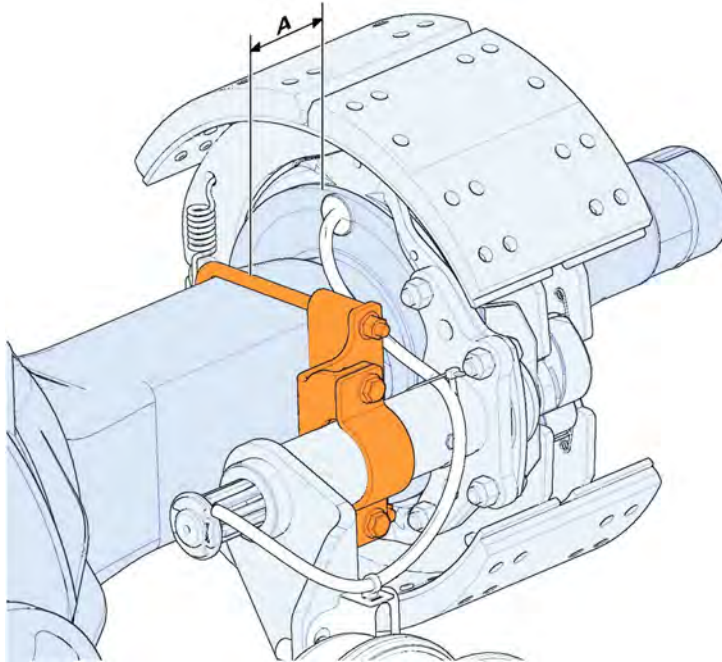
Cam Tube Support Brackets on Wide Base Wheel Equipment Replacement Procedure

You must read and understand the precautions and guidelines in Service Information, Group 5, "General Safety Practices, Brakes and Air Systems" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

It has been discovered on certain Mack Trucks built with wide base wheel equipment that cam tube support brackets were not installed at the factory. These brackets are used to provide the additional strength that longer cam tubes require when used with this type of wheel/tire combinations.

Procedure

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, and placing the transmission in neutral or park.
- 2 Disconnect all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
- 3 Position parts Kit 85121423 onto rear axle end and loosely install around the axle housing and s- cam tube.
Note: On axles having an ABS sensor, cut the cable ties and temporarily move the sensor wire off of the s-cam tube.
- 4 Tighten the U-bolt assembly evenly and torque to 60 Nm (44 ft-lb).



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A = 80 mm (3 in.)

Note: Measure the distance of 80 mm (3.1 in) from the inner axle flange to the center of the U-bolt. Set this distance before final tightening.

- 5 Tighten the s-cam tube bracket clamp and torque 60 Nm (44 ft-lb).

Note: Keep the space even as possible between the ends of the clamp before final tightening.

- 6 Reroute the ABS sensor cable and install cable tie as needed according to the illustration.
- 7 Install the rest of the s-cam tube bracket parts onto the other three axle ends.
- 8 Connect all previously removed cables to the negative (ground) battery terminals. Tighten to 20 ± 2 Nm (15 ± 1.5 ft-lb).
- 9 Check brake operation.

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code	5174A-01-96 1.3 hrs
Time to take charge and determine campaign status	101AA-0A-00 — 0.3 hrs.
Causal Part	
Parts Disposition	
Authorization Number	PI0799
Expiration Date	31 OCTOBER 2013