

Cub Crafters, Inc. Considers Compliance Mandatory

EFFECTIVE DATE: 07/15/2022

SUBJECT: *INSPECTION & TIGHTENING OF BERINGER MASTER CYLINDER JAM NUTS*

MODELS AFFECTED: CCX-2300-0001 and on; if Beringer brakes are installed.

COMPLIANCE TIME: *WITHIN NEXT 5 HOURS OF OPERATION. Compliance with this Service Bulletin is suggested for all aircraft with Beringer brakes and is at the sole discretion of the owner/operator of the Experimental Amateur-Built aircraft.*

PURPOSE: *Cub Crafters has been made aware of an instance where the jam nuts on the master cylinders have not been adequately tightened.*

INSTRUCTIONS:

Note: The following steps must be performed on both (left and right) master cylinders.

1. With a 10MM and a 9MM box end wrench, check to verify that the jam nut of the master cylinder (located on the forward side of the aft brake/rudder pedal) is tight. The 10MM wrench will fit the jam nut, and the 9MM wrench fits the flats of the piston shaft. If the nut is tight, make a logbook entry stating that the jam nut was checked and verified to be tight in accordance with this Service Letter. If the nut is loose, proceed to the next steps.

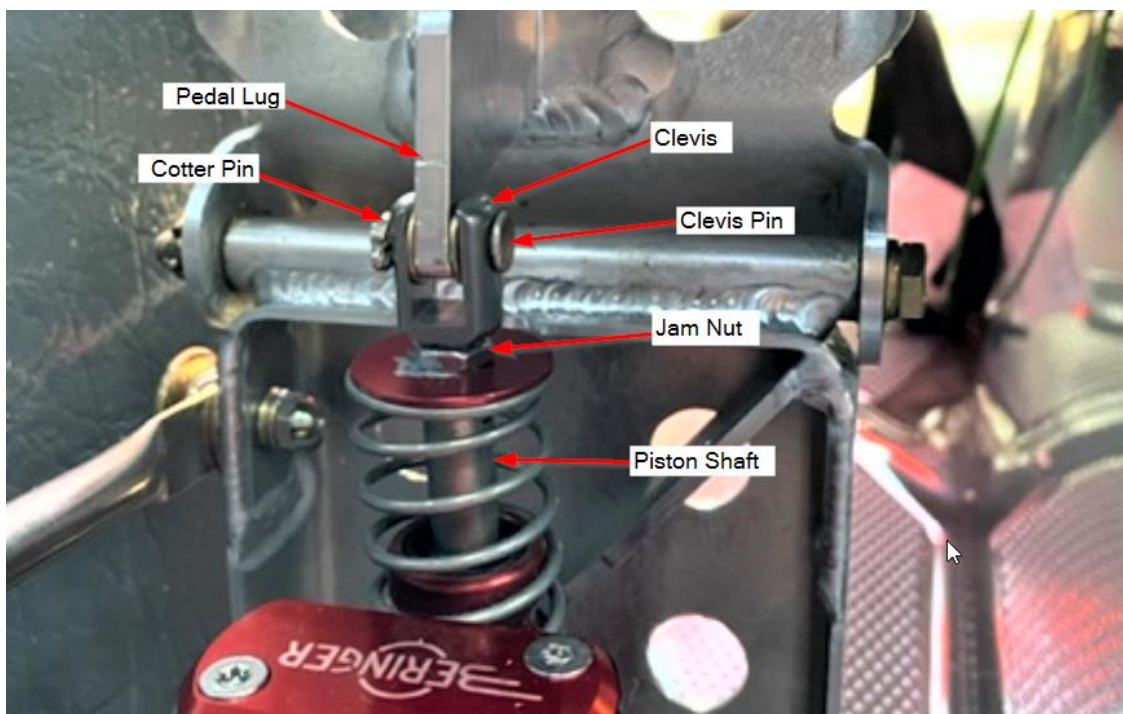


Figure 1

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2. Chock wheels and release parking brakes.
3. Remove the cotter pin and clevis pin that attach the clevis to the pedal lug (reference Figure 1) and allow the disconnected master cylinder to pivot forward.
4. This step may take place with the master cylinder still attached to the lower mount, or it may be removed for easier access. Measure the distance between the lower mount hole and the clevis hole. Adjust the clevis as necessary to set this distance to 5.29". Tighten the jam nut against the piston shaft. The piston shaft has flats that can be used to prevent the shaft from rotating while the jam nut is tightened.



Figure 2

5. Rotate the master cylinder back up into position and reattach to the pedal lug with the clevis pin, and a new cotter pin.
6. Make appropriate logbook entry, recording that the master cylinder lengths have been adjusted as needed and the jam nuts tightened in accordance with this Service Letter. There is no weight and balance change associated with this document.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify Cub Crafters, Inc. Contact the customer service department at:

Cub Crafters, Inc.
1918 S. 16th Avenue
Yakima, WA 98903.
1-509-248-9491 or 1-877-484-7865
support@cubcrafters.com

Please include the aircraft registration number, serial number, current name, and address of the owner and/or operator.