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J.I. Case
Service Manual
850B Crawler

Volume 1 of 3

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CA-S-850B CRLR

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6. Put the push rod in the boot. Then install the boot on the cylinder.



Figure 51

MASTER CYLINDER

Removal

NOTE: Because of bad access to the master cylinders, the removal procedure includes removing the master cylinder, brake pedals and the mounting bracket as an assembly.

1. Remove the left floor plate.
2. Remove dirt from the hose connections at the rear of the master cylinders.
3. Disconnect the hose from each master cylinder.
4. Remove the two cap screws that fasten the mounting bracket to the frame.
5. Remove the mounting bracket assembly from the machine.
6. Remove the spring for the master cylinder that is to be removed.
7. Remove the cotter pin and clevis pin from the push rod of the master cylinder that is to be removed.
8. Remove the nuts, lock washers and bolts that fasten the master cylinder to the

mounting bracket. Then remove the master cylinder from the mounting bracket.

Installation

1. Put the master cylinder in the mounting bracket. Engage the clevis on the push rod with the brake pedal.
2. Install the bolts, lock washers and nuts that fasten the master cylinder to the mounting bracket. Tighten the nuts.
3. Install the clevis pin through the clevis and brake pedal. Then install a new cotter pin in the clevis pin.
4. Connect the spring to the brake pedal and the spring support.
5. Check the free travel of the brake pedal for the master cylinder that has just been installed. See page 7001-23 for instructions.
6. Put the mounting bracket in the machine. Align a cap screw hole in the mounting plate with the frame and install a cap screw with a lock washer. Then install the second cap screw with lock washer. Tighten the cap screws.

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