# 821
# Loader

## Service Manual

8-10354

CASE CONSTRUCTION

MidWestTech | Case 821 Loader Service Manual | Publication 8-10354

Order the manual at mid-west-tech.com >

# ASSEMBLY OF THE FOURTH AND THIRD CLUTCHES

**STEP 468**



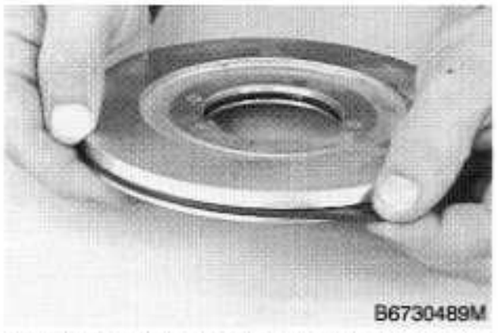

Install the needle bearing for the third gear. Use CAS-1937 and press the needle bearing in the clutch assembly until it is seated in the bore. If there are numbers stamped on one edge of the needle bearing, install the needle bearing so that the edge with the numbers is up. Turn the clutch assembly over and repeat this step for the fourth gear needle bearing.

**STEP 469**




Install a new inner seal on the piston for the third gear as shown.

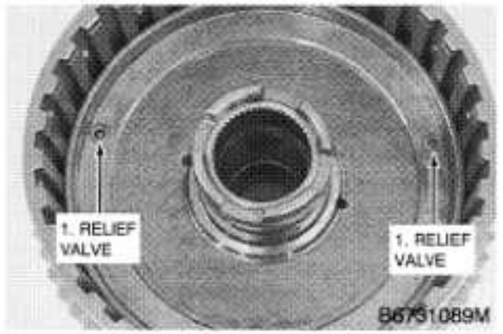
**STEP 470**




Install a new outer seal on the piston for the fourth gear as shown.

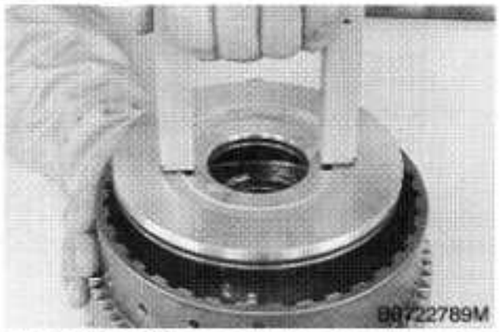
Bur 8-13352

**STEP 471**



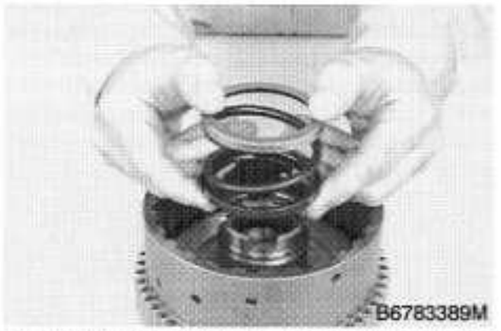

Check to make sure the relief valves are free of obstructions.

**STEP 472**




Use tool CAS-1933 and install the piston in the clutch carrier. The smooth surface of the piston must be toward the tool.

**STEP 473**




Install the lower spring guide, spring and upper spring guide.

Issued 10-91 Printed in U.S.A.



Order the manual at mid-west-tech.com >