

Brake rod boot replacement

DOCUMENT #
SOP 15

AUTHOR
Sundeeep Kumar

REVISION
—

APPLIES TO
—

DATE
Jun 16, 2026

▲ FAILURE MODE / WHEN TO USE THIS SOP

Brake rod boot leak

✂ TOOLS REQUIRED

- Mandrel
- 10 mm Wrench
- 12 mm Wrench
- 14 mm Wrench
- 16 mm Wrench
- Oil Collection tray
- Screw Driver Flat
- Scraper
- Hammer

EST. REPAIR TIME

45 min

minutes

Intermediate

⚙ PARTS REQUIRED

Part #	Description	Assembly	SKU	Price
10055271AA	Rubber boot	Shop Stock	—	—
Loctite 518	Permatex or Equivalent	Shop Stock	—	—
Brake Cleaner	1	Shop Stock	—	—
Clean clothes	5	Shop Stock	—	—
Emery paper	1	Shop Stock	—	—
VG 32 / AW 32	Hydraulic oil	Shop Stock	—	—

☰ PROCEDURE

1 Step 1

Remove the rear tyre after placing tractor on level ground. Parking Brake ON and Loader on ground.

2 Step 2

Place jack stand on the side tire is removed to secure the tractor. Keep a clean tray to collect the oil that may come out of brake housing. We will reuse the oil.

3 Step 3





Figure 3

Remove the brake rod linkages by removing the top bolts. Take down the linkage.

4 Step 4



Figure 4

Remove the brake rod boot using screw driver and scraper. Use a tray underneath to collect the hydraulic oil

5 Step 5



Figure 5

remove the side cover using wrench and screw driver to pry it out. Take out the brake components.

6 Step 6

Clean the inside surface of brake rod boot seating area with scraper. Use emery to remove any rubber residue on the seating area.

7 Step 7



Figure 7

Use loctite 518 or equivalent to push the rubber boot inside the housing. We typically use a mandrel to push the brake boot inside the housing. Apply Loctite around the seating area of brake boot.

8 Step 8

Wait for 20 minutes to have the loctite stick to the surface. Push the brake threaded rod from inside piercing from brake rod boot inside hole. Push the rubber seal from outside to all the way in until rubber boot sits on the brake rod cut.

9 Step 9

Assemble the side cover using gasket sealant (Flange sealant. Assemble the linkages to the rod and place tire back on.

10 Step 10

Repeat the same steps on other side if leaking.

11 Step 11

Fill the hydraulic oil (ISO 32 / VG 32) by taking off the transmission dipstick. Re-use the oil. The dipstick is located on rear side of transmission by left side of PTO guard. The same dipstick hole is used for filling the oil as well. Top-up the desired oil after checking on dipstick.

12 Step 12

No instructions entered.



NEED ASSISTANCE?

Contact **Summit Tractor Service** at (770) 209-3390, Option 2 or email service@summittractors.com