

Attention Installer - How To Protect Your Investment

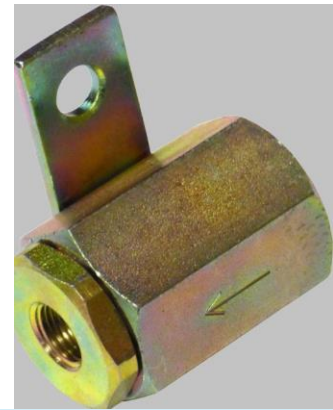
LUCAS HYDRAULIC BRAKE COMPONENTS

Installation Instructions:

1. Find the brake line union behind the cab.
2. Remove this union and replace with the residual check valve. Arrow on check valve must point toward the rear wheel. (same as direction of fluid flow).
3. In some situations, the line behind cab must be cut & re-flared to install new RC-01 valve.
4. Pump brake pedal and bleed rear brakes.

HYDRAULIC RESIDUAL CHECK VALVE

Part Number: **RC-01**



This hydraulic residual check valve should be used in conjunction with the Lucas Girling type braking system. Installation of the RC-01 hydraulic residual check valve will typically prevent this leakage therefore extending the life cycle of these brake assemblies. This valve maintains a small amount of residual pressure (3- 10 psi) in the brake line to keep a positive pressure on the seals in both the backing plate adjuster and park cylinders. This small amount of pressure will help keep the seal solidly fitted against their cylinder walls, thereby preventing excessive leakage. Installation of this valve will benefit the system whether the vehicle is running or parked.

Please note that a minimal amount of external wetness on the cylinders with this type of system is normal and acceptable.

IMPORTANT NOTICE

Before reconnecting brake line to backing plate, fill master cylinder and flush out all dirty brake fluid. Once you see only clean fluid re-attach brake line to both back brakes and bleed out normally. Units will self adjust.

Remanufactured Lucas Backing Plate Warranty Criteria

If you answer **YES** to all of the below questions, your unit qualifies for Warranty.

If you answer **NO** to any of the below questions, your unit does **NOT** qualify for Warranty.

Warranty Period - 1 year or 100,000 miles.

1. Was the backing plate installed within 1 year or 100,000 miles?
2. Is the product tag attached or with the product?
(Located on the back or mounting surface side of the backing plate)
3. Are the adjusters free from damage?
4. Is the brake fluid free of signs of dirt or contamination?

LUCAS INSTALLATION PROCEDURE

1. Before reattaching the brake line from the truck frame, be sure to **flush out all old brake fluid** until fluid is clean. Once you have determined that the fluid is clean, tighten the brake line to the cylinder and apply the brake foot pedal to centralize the shoes, then release.
2. Due to some factory inherent issues with adjusting these brake shoes, set the shoes to 15" as shown in the image below. This is the factory spec for the drum on this braking system. If drums are in proper condition to factory spec, little, if any, adjustment should be required.

Note: Drum to shoe clearance should be 0.030 – 0.040".



3. When installing the shoes, use the proper tool to insure that you do not cut the boots and cause a premature failure and void the warranty.

If you are sending units back for warranty consideration, please note that **the following conditions will void your warranty:**

- Brake fluid contamination
- Boot damage upon installation
- Adjusters damaged or overtightened to the bottom of the cylinder due to being adjusted the wrong way.