



Service Bulletin

Date: 9/22/2025 Affected Models: All vehicles Service Level?: Dealership

Bulletin Title

Differential Rebuild Kit

Reason

The new rebuild kit will improve the reliability of the internal components of the differential as Rush has changed suppliers to achieve a higher quality product for our customers.

This is a recommended upgrade for customers.

Action

The differential carrier will need to be removed from the car after the car has cooled completely. Remove the LSD from the carrier and begin disassembling the differential. Removed all internal components, including the two housing o-rings, and allow check for damage to the housing. Reassembly the LSD using the rebuild kit and safety wire the housing bolts together. Install the LSD into the carrier and mount the assembly in the car.

Please refer to the table below for a complete list of include components.

Part Number	Description	Qty
010819001A	Spring Washer	2
010819002A	Outer Plate	6
010819003A	Inner Plate	6
010819004A	Side Gear	4
010819005A	Internal Gear	2
010819006A	Cross Pin	2
010820001A	Oring	2



Key Information

The housing o-rings must be replaced as damage or deformation to the rings will allow differential fluid to leak.

If the housing is found to have internal damage, replace the housing to prevent failure of the system.