

RUL-245 Suspension – Manufactured Before 2009

Replacement of Factory Bonded Wide Bushing (6 3/4")

Suspension	Bushing Replacement Kit	Pivot Hardware	Torque Specification	
			ft-pound	Newton-meter
2450000-2450021 24510700 2457666D003 2457666D005 2457666D007 2457666D008	6040193	Traditional - Eccentric Bolt/ Top Lock Locknut	1000 ft-lb	1356 N-m
2457616D000 2457615D000 2457666D000 2457666D001 2457666D002 2457666D011 2457666D101	6040192	Traditional - HHCS/Locknut	750 ft-lb	1017 N-m
2457572xxxx 2457661xxxx 2457718xxxx	Clamped Bushing – Refer to Engineering Drawing			

CAUTION Failure to install and maintain suspension component fasteners at torque specifications could result in suspension failure and void the warranty. Refer to the engineering drawing for torque values.

Notes and Cautions

The tool instructions uses two types of service notes, defined as:

“NOTE”: Provides additional instructions or procedures to complete tasks and make sure that the suspension functions properly.

CAUTION Indicates a hazardous situation or unsafe practice that, if not avoided, could result in equipment damage and serious injury.

Park the vehicle on a level surface. Chock wheels to keep vehicle from moving. Exhaust all air from the air system. Disassemble suspension, if necessary, to reach pivot connections.

CAUTION Failure to properly chock wheels and exhaust air system could allow vehicle/suspension movement that could result in serious injury.

Bushing Replacement Procedure

1. Remove old bushing from load beam or sleeve. Apply heat to the outside of the sleeve with an oxyacetylene torch to destroy any remaining bonding element and make bushing removal easier.
2. Use a wire brush to remove any remaining bonding residue, rubber, dirt, rust, etc, from the sleeve bore.
3. Wash bore of bushing sleeve with paint thinner. Wash replacement bushing surface with paint thinner.
CAUTION Epoxy adhesive and paint thinner are flammable materials that are irritating to the eyes, respiratory system and skin. Read label instructions before use.
4. Remove cap from Epoxy Adhesive 50ml tube kit. Squeeze out entire contents of tube. Thoroughly mix the two-parts. NOTE: Adhesive must be used within 20 minutes after mixing.
5. Spread mixed adhesive on the entire surface of the replacement bushing. Apply adhesive to the inside of the sleeve bore.
6. Press bushing into sleeve bore until bushing is centered.
7. Wipe excess adhesive from the ends of installed bushing with paint thinner.
8. Adhesive can be handled after four hours and will totally cure after 24 hours.
CAUTION Adhesive must be totally cured before returning vehicle to service.
9. Reassemble the suspension, if necessary. Torque to specifications.

Refer to the engineering drawing for additional component part numbers and torque values.

