

INDUSTRY LEADER IN REAR-END SUPPORT TECHNOLOGY

ULTRA & ULTIMATE Cover Installation

- 1. Prepare the housing for cover installation by cleaning the gasket surface and all cover mounting bolt holes.
- 2. Inspect the bearing caps and gears for excessive wear or cracks, replace if necessary.
- **3.** If Installing LPW main cap stud kit, torque part # 321-4 (7/16") to 65ft/lbs. Torque part # 325-4 (1/2") to 85ft/lbs.
- Remove the load bolt locking nuts and adjust the load bolts so they will not contact the bearing caps during cover installation.
 Note: Adjust the swivel feet until they pivot freely on the load bolts before cover installation.
- 5. Apply silicone gasket sealant to the cover gasket surface. Also apply a small amount to the load bolt threads at the locking nut area to provide a positive seal once the load bolt is adjusted and locking nut installed.
- 6. Install support cover with all the cover mounting bolts finger tight.
- **7.** Torque the cover mounting bolts. Applications with 5/16" bolts torque to 25ft/lbs. Applications with 3/8" bolts torque to 35 ft/lbs.
- 8. Torque the load bolts to 10ft/lbs.
 Note: Do not exceed 10ft/lbs of torque or bearing distortion and component failure will occur.
- **9.** Install and torque the load bolt locking nuts to 10ft/lbs. *Note: Do not over torque the load bolt locking nuts.*
- **10.** Add fluid to the manufacture's recommended level. If your application has a factory fill plug on the side or front of the housing, it is the correct level to use.

Note: The fill plug on most LPW covers is located higher than the recommended level. Most LPW support covers increase fluid volume approximately one pint.

Applications w/o housing fill plug: Chrysler 8.2 & 8.3, 5 pints / Chrysler 9.25, 5-1/2 pints / Dana 30, 2-1/2 pints / Dana 35, 3-1/2 pints / Dana 44, 4-1/2 pints / Dana 60, 6-1/2 pints / Dana 70, 7-1/2 pints / Dana 80, 10 pints

Note: User and/or installer must make certain the LPW cover will not come in contact with and/or interfere with any suspension and/or chassis component. Do not attach any item(s) other than the LPW axle-tube brace to the ULTIMATE cover. Do not attach any item(s) to the ULTRA cover.

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