

INSTRUCTIONS

910-48344

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STREET 9" 3RD MEMBERS

- 1) Before the differential carrier assembly (3rd member) can be removed, the driveshaft must be disconnected and the axle shafts removed from the housing.

WARNING: *Support the vehicle securely with the frame on jackstands. Never work under a vehicle supported only by a jack. Failure to provide proper support may result in serious injury or possible death.*

- 2) To remove axles, first place vehicle on jackstands and remove wheels, tires, and brake drums. Remove the 4 nuts that secure the axle retainer flange and brake backing plate to the axle housing. Using a suitable puller, remove the axle shaft, taking care not to damage the seal. Repeat for other side of vehicle.
- 3) Remove the 10 nuts securing the 3rd member into the rearend housing. Gently pry case flange away from housing face and remove 3rd member assembly.

CAUTION: *The 3RD Member assembly is heavy (approximately 80 lbs). Exercise extreme caution when handling to avoid injury or damage to parts.*

- 4) Remove old gasket, clean mating surface of housing and install a new gasket.
- 5) Position replacement 3rd member on housing studs and start all retaining nuts.
- 6) Snug nuts down in a criss-cross pattern until flange of 3rd member is properly seated on housing gasket. Torque nuts to 30-35 ft lbs.
- 7) Re-install axle shafts, backing plates, and bearing retainer. Torque nuts to 30-35 ft lbs.
- 8) Reconnect driveshaft, install brake drums, wheels, and tires.
- 9) Remove service plug from L/H side of 3rd member and service with approved gear oil. The fill line for the rearend is to the bottom of the service plug hole (3 to 4 quarts).

WARNING: *NEVER use synthetic blends, or generic store brand oil. use only quality brand name 85-140 weight gear oil, such as Torco, Kendal or Valvoline.*

- 10) A new ring and pinion require a break in period to prevent overheating and ensure long life. Drive at moderate speeds with light loads (no towing or hauling) for the first 20 to 30 miles, then stop and allow the rearend to cool to normal temp before continuing. You should not tow for the first 500 miles. If you must tow before the 500 mile break-in period, stop and allow to cool every 15 miles for the first 45 miles. After the 500 mile break-in period, change the gear oil to remove any metal shavings or assembly chemicals.

BUYER ASSUMES RESPONSIBILITY TO DETERMINE FITNESS OF A PART FOR A PARTICULAR PURPOSE. NO WARRANTY WILL APPLY FOR UNITS USED IN COMPETITION, MODIFIED, OR DAMAGED AS A RESULT OF ACCIDENT, MISUSE, OR IMPROPER INSTALLATION.

IMPORTANT

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Speedway wants you to be satisfied with your purchase. If within 30 days after you receive your shipment you are not satisfied, you may return the item for refund or exchange. All exchanged or returned merchandise must be in original factory condition with no modifications or alterations. Returned merchandise must include all packaging materials, warranty cards, manuals, and accessories. If the items being returned need to be repackaged there will be a re-packing charge. Re-pack the item in a sturdy box and include a copy of your invoice and complete the form on the back of the invoice. You must ship orders back **PRE-PAID. WE DO NOT ACCEPT COD SHIPMENTS.** All exchanges need to have reshipping charges included. Items that are returned after 30 days are subject to 15% restocking charges. All fiberglass returned will have 15% restocking charge. No returns on electrical parts, video tapes, and books. Absolutely no returns on special order or close out merchandise.

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