

INSTRUCTIONS

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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 sold in competition, modified or damaged as a result of accident, misuse or improper installation.

IMPORTANT

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SHORTAGES Please check the contents of your delivery to ensure that all parts ordered are received. Refer to your invoice to cross check all items received and inspect all packing materials for contents of small items. Retain original shipping box and packing materials. Orders may be split into multiple boxes which can be delivered on different days. Contact Speedway Motors for instructions regarding shortage claim within 5 days of receipt. Speedway Motors assumes no liability after this 5 day period.

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All exchanged or returned merchandise must be in original factory condition with no modifications or alterations. Returned merchandise must include original packaging materials, warranty cards, manuals, instructions, etc. If the returned item requires repackaging, your refund / exchange will be subject to a repackaging charge. Return/Exchange transactions less than \$99 are excluded from the free shipping offer.

HOW TO RETURN AN ITEM Please re-pack the item in a sturdy box, include a copy of your invoice and completed return form. Returns must be shipped prepaid. CODs are not accepted. Shipping costs for exchanged merchandise will be charged to your credit card.

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CHECK LOCAL LAW Some parts are not legal for sale or use in California on any pollution controlled motor vehicles. These items are legal in California for racing vehicles only which may never be used upon a highway. Check local law.



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