

drum or disc type brakes should be inspected whenever the wheels are removed to inspect or service the brake system. Brake system inspection is recommended every 12 months or 12,000 miles whichever occurs first.

When inspection of the wheel bearing lubricant indicates it is low in quantity, contains dirt, or has been contaminated by water to produce a milky appearance, bearings and hub should be cleaned, inspected and relubricated.

**CAUTION:** To avoid possible contamination of lubricant by mixing lubricants that are not compatible, do not add lubricant to the bearings.

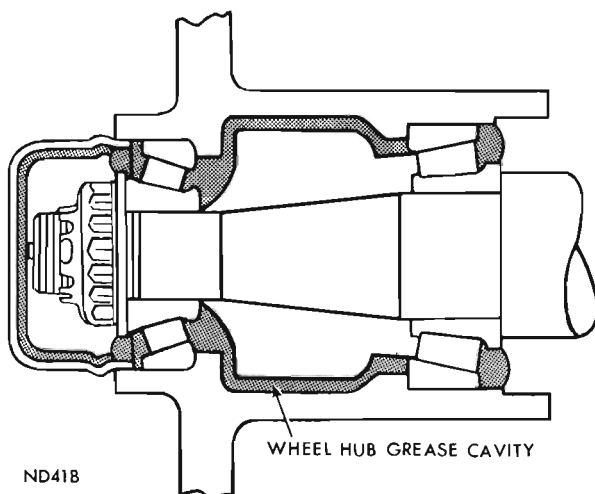
Thoroughly clean old lubricant from bearings and hubs. Discard old seals. Repack bearings and hubs with Multi-Purpose Grease, NLGI grade 2 EP, or Multi-Mileage Lubricant, Part Number 2525035. When repacking hubs (Fig. 58), make sure all surfaces of hub and outer grease cup interiors are covered with lubricant to minimize condensation and lubricant travel out of bearing. **DO NOT OVER FILL.**

Adjust bearings as follows:

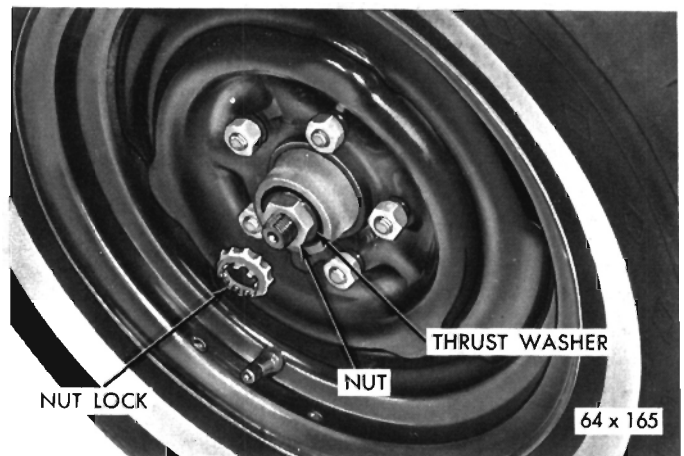
- (1) Install wheel and drum assemblies and tighten wheel nuts on Valiant and Barracuda models to 55 foot-pounds. On Belvedere and Fury models tighten nuts to 65 foot-pounds.
- (2) Tighten wheel bearing adjusting nut (Fig. 59) to 70 inch-pounds on Valiant and Barracuda models and 90 inch-pounds on Belvedere and Fury models, while rotating wheel.
- (3) Position nut lock on adjusting nut so one pair of cotter pin slots align with hole in spindle.
- (4) Back off adjusting nut and nut lock to the next slot and install cotter pin.
- (5) Install wheel covers.

## TIRES

Tires, including spare, should be rotated every second oil change according to tire rotation diagram (Fig.



**Fig. 58—Front Wheel Bearing Lubrication**



**Fig. 59—Front Wheel Bearing Adjustment**

60), to provide uniform wear, long tire life, and to retain comfortable riding qualities.

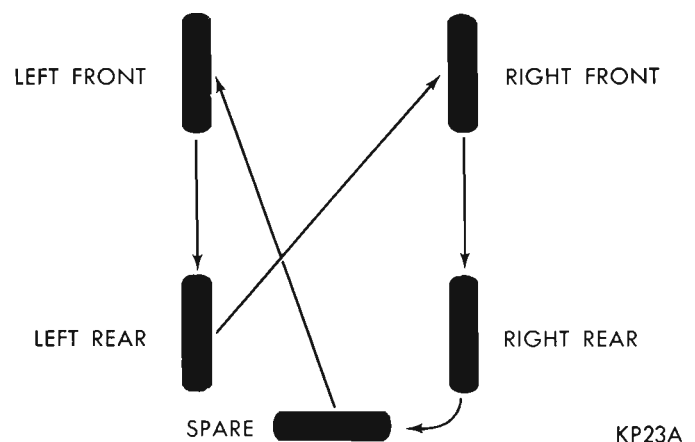
If owner insists on a four tire switch only, rotate tires according to diagram (Fig. 61).

Tires should be examined for unusual wear patterns, foreign material and proper inflation pressures. Unusual wear conditions may reflect a need for a change in driving habits or indicate that mechanical corrections may be necessary.

A decal showing the recommended tire pressure is located on the body pillar at the rear of the left front door opening ("B" post). Refer to "Tires", Group 22, for additional information.

## SPEEDOMETER CABLE

To service a noisy speedometer cable, disconnect housing at speedometer head. Remove shaft and clean it thoroughly. Apply a very thin film of speedometer cable lubricant on the shaft. Such a lubricant is available under Part Number 1243632, Speedometer Cable Lubricant. Wipe excess lubricant from the top one-foot of the shaft and from the ferrule.



**Fig. 60—Tire Rotation Diagram—5 Tires**