

FIX-N-FAX #21

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

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Wheel Bearing Lubrication

Although written and released by the Dodge Division of Chrysler Corporation, we believe the following service bulletin has information that is of vital importance to our equipment regardless of make.

Wheel bearing greases commonly contain either sodium or lithium soaps and, therefore, are not compatible. Mixing these two types of greases may result in a semi-liquid that has very poor lubricating qualities.

Wheel bearing greases made with either substance are satisfactory when used alone. However, inasmuch as it is not always possible to know what the greases contain, it is strongly recommended that grease never be added to that which is already in the wheel bearings.

When additional grease is needed or upon a Number 3 inspection period, all grease should be washed out of the hub and bearings with clean solvent and the parts dried with compressed air.

CAUTION: Never spin bearings with compressed air while drying or damage to the race and rollers will result due to close fits and lack of lubrication.

After cleaning, inspect bearings and races for cracking, flaking, brinelling or excessive wear; if found satisfactory, thoroughly repack bearings and hubs with new grease.

CAUTION: Leave some space in hub between inner and outer bearings for grease expansion or grease will leak out of seals.

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