



No. 19

hambro

AUTOMOTIVE CORPORATION

## PARTS AND SERVICE BULLETIN

• 2227-29 WEBSTER AVENUE • BRONX 57, N. Y. • CY 8-4500

September 16, 1957

TO ALL DISTRIBUTORS AND DEALERSRe: Steering Tie Rod Ends on Nuffield Products

Gentlemen:

A modified tie rod end of improved design to prevent the entry of grit and water has been incorporated on all Nuffield products. Elimination of the bleed hole in the ball to prevent bursting of the rubber boot due to over-lubrication may give the appearance that during lubrication the tie rod end is not taking grease.

When lubrication of this particular part is being effected, attention should be given to the following information. If a high-pressure lubrication gun is used on the tie rod ends with the front wheels in the straight ahead position, the pressure of the grease will force the tie rod ball on to its seat, causing a seal to be formed, becoming more efficient with a build-up in pressure.

Eventually, due to the creation of high pressure in the tie-rod end, the cap bearing the grease nipple will fail. Accordingly, lubrication of the tie rod ends should only be carried out with the front wheels on full lock. In this position, using reasonable gun pressure, it is possible for grease to pass around the ball.

Do not allow high pressure grease to burst the rubber boot on the tie-rod end, as the advantage gained in making this unit grit and water proof will have been destroyed.

Yours very truly,  
HAMBRO AUTOMOTIVE CORPORATION

G.O. Ehrman  
Service Executive

GCE:br