

WHEELS AND TYRES



SERVICE INSTRUCTION LEAFLET

ISSUED BY

ROLLS-ROYCE LIMITED

RR/T1.

SB. 1/JM.

Subject :

Wraith Road Wheels.

Date

of

14th. November, 194

Issue

It is most important to note that there are two different types of road wheels and three types of wheel nuts on Wraith cars, indiscriminate mixing of which may have serious consequences.

The first series of Wraith cars up to WXA.102 were fitted with road wheels GW.429 and wheel nuts GW.422/3. These had a 10° taper as in the sketch herewith.

After Chassis Number WXA.103, road wheels GW.2092, and wheel nuts GW.2090/1 were used with a 30° taper.

Following this it was found that when discs were fitted, it was possible for a foul to occur between the nuts and the aluminium spider carrying the outer disc. This was due to insufficient clearance between the nut and the aluminium spider, the recessing in the spider not being adequate. A further change was therefore made in the wheel nut by shortening the depth of the tapered portion by $1/16$ th". The part number was changed to GW.2239/40.

The latest wheel nut GW.2239/40 may be used to replace GW.2090/1 but NOT the previous type.

Cases have occurred where a foul on the spider or the use of an incorrect wheel nut for the type of road wheel has caused a wheel to come adrift, and it is most important that the above should be made a point of inspection on all Wraith cars before final delivery.

All concerned should, therefore, be notified of the foregoing, and steps taken to prevent incorrect nuts being fitted.

In the event of a foul being discovered on the aluminium spider, the spider itself should be recessed deeper as if the trouble is rectified by shortening the wheel nut, the same trouble may occur later on if the nuts are changed again for any reason.

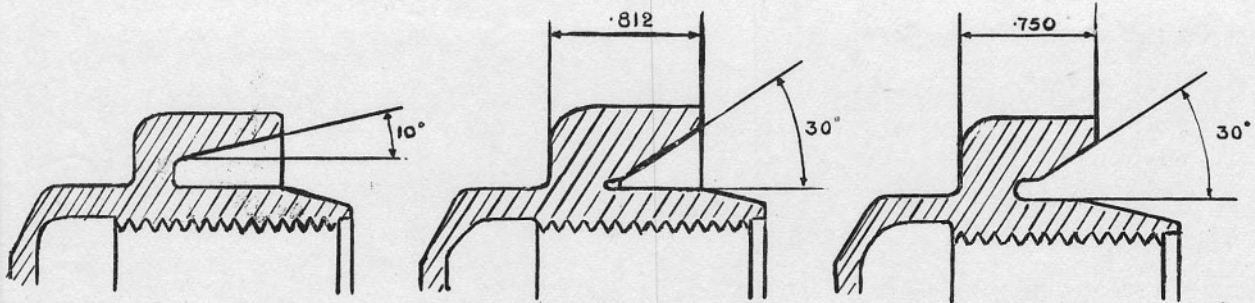
Retailers should instruct their Sales Departments concerning the above, as wheels are frequently changed when a sale is completed in order to obtain better tyres.

IMPORTANT

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DOCUMENT ARE
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AND ARE NOT
TO BE
TRANSMITTED
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ALL COMMUNICATIONS SHOULD BE ADDRESSED TO

ROLLS-ROYCE LIMITED, SERVICE STATION, HYTHE ROAD, WILLESDEN, LONDON, N.W.10



WHEEL NUT
GW. 422/3

A Series
WXA.1 - 102

WHEEL NUT
GW. 2090/1

A Series
WXA.103 - 109

B Series onwards
without discs.

WHEEL NUT
GW. 2239/40

B Series onwards
with discs
(Later standardised
for all B & C Series
cars).