

PO/CL 334

From : Chief Mechanical & Electrical  
Engineer

Supersedes PO/CL 296  
PO/CL 315

British Railways Board  
14 Melbury Terrace  
London N.W.1

Ref : RDF 172-9-2 (EGB)

Date : January 1971

## U.I.C. DOUBLE SUSPENSION

With the object of extending the life of U.I.C. double link suspension components, it has been agreed that the adoption of the following measures will assist towards this end, and should also improve generally the performance of the suspension system.

### 1. CONTROLLED LUBRICATION.

- a) The link bearing surfaces shall receive a light application of graphite grease as shown on the attached sketch. This shall only be applied when assembling new links, and thereafter shall receive no more lubrication.

This is the only form of lubrication permitted of the suspension, with the exception of 1(b), below

The recommended grease to be as follows :-

Calcium based Grease No. 3 Consistency;  
Graphited B.R. Spec. 674 Item 3 to Catalogue  
No. B.R. 9/27/1362.


- b) The suspension pins through the spring and scroll iron shall be greased on assembly, to avoid corrosion, and these may be regreased as necessary at repair on removal only, and not when in service.

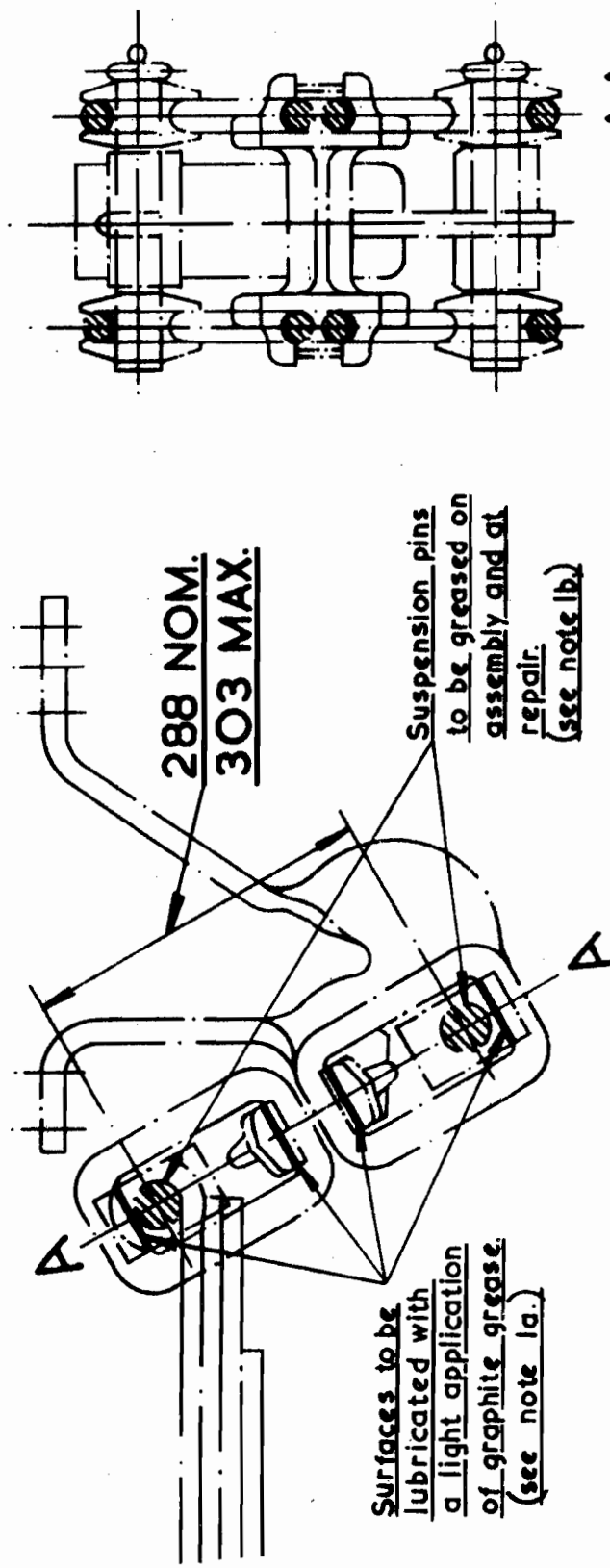
### 2. MANUFACTURING DIMENSIONS.

On selected wagons, tests have confirmed improved performance and rate of wear, resulted from fitting slightly modified top and bottom bearings to Drg. RCH 2961 Issue 'L' Item 2.

The modification comprises a reduction in the radial bearing surface from 13.5 mm to 13 mm and a reduction in the pin hole diameter from 36 mm to 35.25 mm diameter as shown on Drg. RCH 2961 issue 'L'.

It is recommended that the modified bearings be fitted to new wagons and on existing wagons, when replacements become necessary.

For T.C.B. MILLER 



## DOUBLE LINK SUSPENSION ASSY. CONTROLLED LUBRICATION.



## British Railways Board

From: Director of Mechanical and  
Electrical Engineering  
Railway Technical Centre  
DERBY

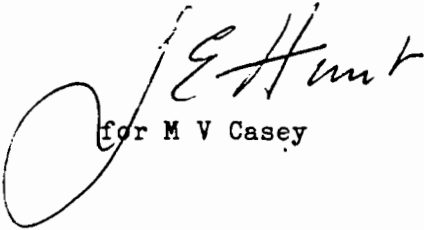
Extn: 2686

O/r: TFR.172-9-2(JEH)

Date: 12 May 1986

### MEMORANDUM CONCERNING PO/CL 334 - UIC DOUBLE LINK SUSPENSION

The information contained in the second item, manufacturing dimensions, is not now relevant and the entire item shall be cancelled.

  
for M V Casey

2331/0065k/2

B.R. 2316/25