

D.M.U./LOCOMOTIVE TYRE EXAMINATION SHEET

DATE

DEPOT

D.M.U./LOCO. NO.

PART 1. Visually examine all wheels and tyres for signs of fracture, flaking or flats and the Gibson ring for tightness. Record condition as found in panel below. Any unusual tyre conditions must be reported to the Supervisor.
Check tyre markings are visible where applicable, if any signs of tyre movement, Tyre Movement Form No. MS. 907/3 must be completed.

Axle No.	No. 1 or 'A' Bogie				No. 2 or 'B' Bogie			
<u>Tyre Condition</u>								
F. Tread Flaking	<p style="text-align: center;">* Delete wheel position not applicable</p>							
G. Flange Good								
T. Flange Thin								
H. Tread Hollow								
U. Uneven Wear								
X. Fractured								
L. Loose								

PART 2. Use the standard tyre gauge (see Fig. 1) to measure flange thickness and tread wear, record measurements in panel below. Ensure when using gauge that portion of tyre is clean and anvils of gauge are square on the tyre face and gauge jaw touches tip of flange as in Fig. 1. Tyre thickness only to be measured if instructed by Supervisor See Fig. 2.

Flange Thickness	LH							
	RH							
Tread Wear Measurement	LH							
	RH							
Tyre Thickness	LH							
	RH							

PART 3. Only to be carried out if instructed by Supervisor.
Use the spring loaded gauge (see Fig. 3) to check for distortion of wheels on axles, measure in one position of wheel at approximately 4 and 7 o' clock point, move locomotive wheel 1/2 turn and again measure at 4 and 7 o. clock. The mid calibration is 4' 5 1/2" between the back of the tyres, read + and - figures in 1/32" and record in panel below.

Axle Distortion	+							
	-							

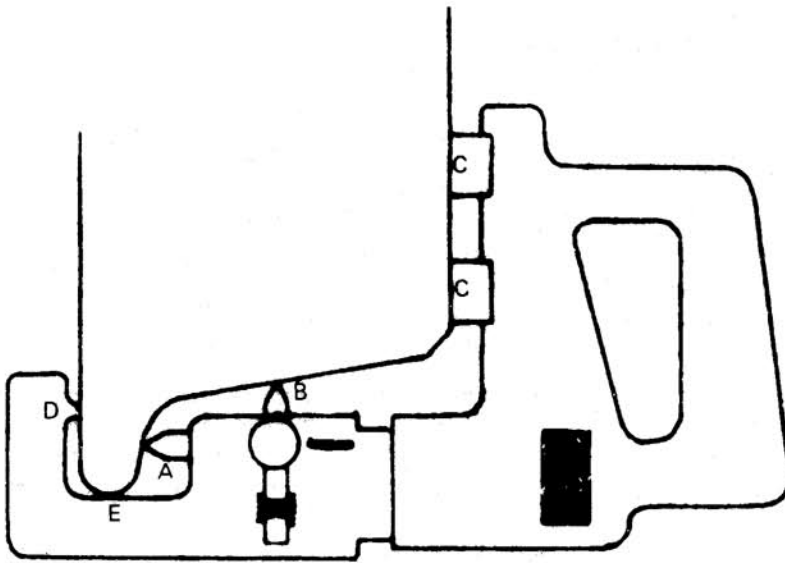
Operators Signature

Supervisors Signature

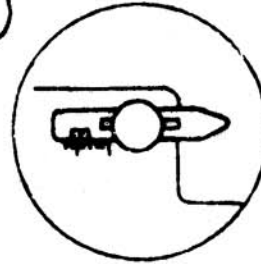
Operators Check No.

Supervisor to delete part(s) not required.

FIG. 1

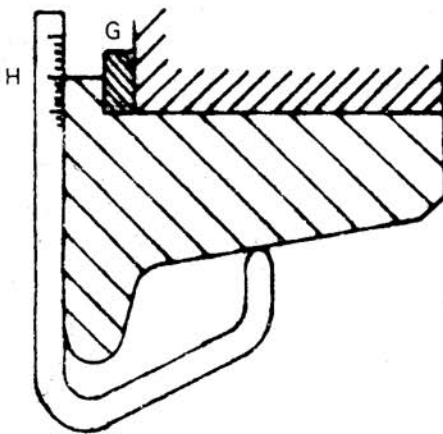


- A Flange Thickness
- B Tread Wear
- C Ensure Anvils lie square on tyre face
- D Nib snug on tyre
- E Touch here



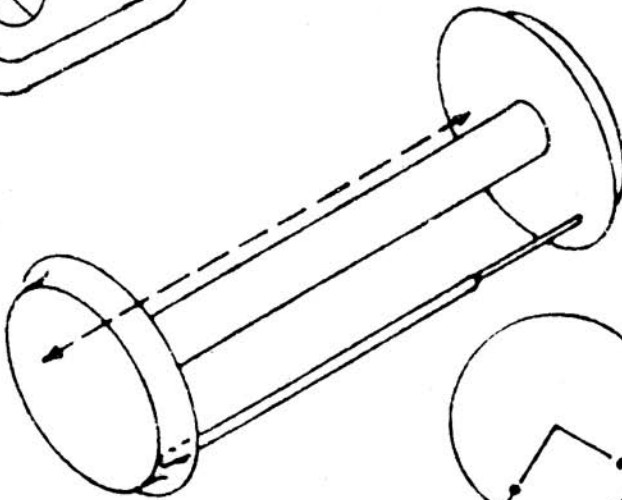
Reverse of 'A'

FIG. 2

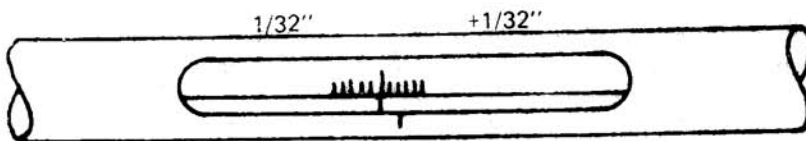
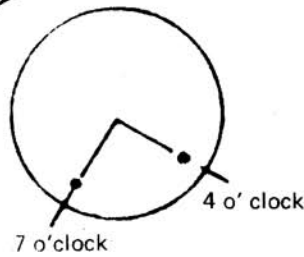


- G Gibson ring fastening
- H Measure tyre thickness here

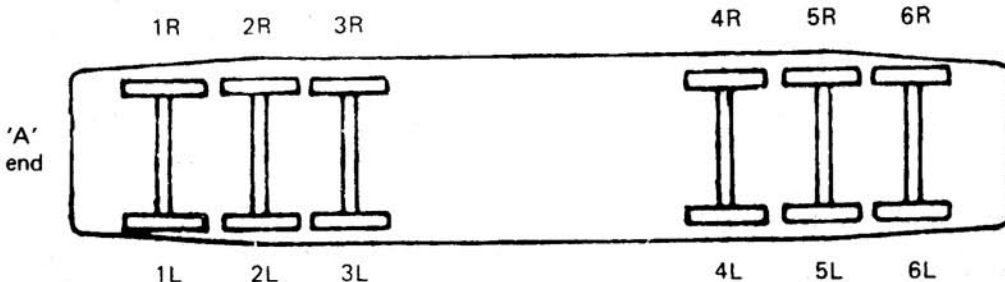
FIG. 3



1. Measure at 4 o'clock and 7 o'clock.
2. Move loco 1/2 a turn and again measure at 4 o'clock and 7 o'clock.



Close up of calibrations.
Mid calibration = 4' 5 5/8" nominal between tyres.



Identification of Axles