

Tyre Pressure Gauge Calibration

1. Refer to work instruction sheet (PENG-2), when carrying out the following schedule (refer to PENG-20 for schedule control).
2. Using the master Tyre gauge test unit No. 34366, inflate to maximum line pressure (approx. 120 PSI).
3. Master Tyre gauge calibrated annually (records retained in maintenance office in file no. 13 for min 3 yrs.)
4. Using the master test unit gauge deflation valve, drop the pressure down to 110 PSI (gauge reading).
5. Using the master Tyre gauge test unit No. 34366, re-inflate to maximum line pressure (approx.120 PSI).
6. **Enter the TPG number & the PSI reading on the log sheet against test unit gauge reading.**
7. Repeat the operation on the master gauge unit on readings of 90 PSI & 70 PSI.
8. Calibration sticker to be attached displaying new calibration date.
9. If the Tyre gauge falls outside the calibration tolerances, the gauge must be scrapped and a new gauge supplied, having first been etched with the TPG number from the scrapped gauge, and the above calibration checks carried out. Record the readings of the new gauge and note the scrapping of the original unit. BU Manager must be informed immediately
10. Update calibration records: **If a gauge was not returned and subsequently not calibrated this must be entered on the relevant gauge record form.**

N.B. Manufacturing Engineer.

- Any gauge not returned within 7 days of request will be deemed out of calibration, the BU Manager will be informed by the Maintenance Senior M.E.
- Transfer all readings from the job sheet to the TPG calibration records.
- These records must be signed and dated by the maintenance manufacturing engineer and filed in the T.P.G. Calibration Records Book (No.13) located in the File Stores

Update the schedule to record those gauges which were calibrated

Page	Gauge No. (TPG)	Dept.	Location	110PSI +/- 5.5	90PSI +/- 4.5	70PSI +/- 3.5	Calib. File Updated	Calib. Spread sheet Updated
2	003	Re-Engineering						
5	014	PROTOTYPE						
31	102	TACHO						
27	064	PROTOTYPE						
32	066	PROTOTYPE						
28	100	PROTOTYPE						
30	103	AUDIT						
23	71	PROTOTYPE						
9	030	BODYLINE						
26	101	AUDIT						
8	025	VF						
14	048	Maintenance Store	MTL 0464					
33	15	Re-Engineering						
34	16	Re-Engineering						

Schedule PM Number	PM
Completed By	
Date Completed	__ / __ / ____
Senior M.E. Updated Calibration Spreadsheet	Sign: