

Test Engineering Calibration Procedure		DOCUMENT NUMBER 735000288
TITLE HPMV TESTER TE82625	REVISION A	REVISION DATE 7/29/99
DOCUMENT TYPE CALIBRATION PROCEDURE		PAGE NUMBER 1 of 2

REFERENCED DOCUMENTS	SPECIAL NOTES

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1. EQUIPMENT REQUIRED:

- 1.1. Calibrated pressure source (dead weight or equivalent)
- 1.2. Shop Air Source
- 1.3. 5/16" Wrench

2. Setup:

- 2.1. Connect Shop Air Source to "SHOP AIR" on rear of tester.
- 2.2. Plug line cord into 120 VAC outlet and switch tester "POWER" on.

2.3. Press  key and the display reads:

KEY IN THE CORRECT
NUMERIC CODE TO GAIN
ACCESS TO DIAGNOSTIC
UTILITIES->

2.4. Key in 1878, then press  key and the display reads:

USE THE UP-ARROW AND
THE DOWN-ARROW KEYS
TO SCROLL THRU THE
DIAGNOSTICS MENU

2.5. Use  and  to select each diagnostics page, then follow specific instructions on each page.

2.6. Select transducer page:

CALIBRATE TRANSDUCER
CONNECT PSI GAUGE TO
BULKHEAD #1
PRESSURE = xxxx PSI

The pressure reading should be zero. If this is not the case continue with steps 2.7 and 2.8 otherwise go to step 2.9.

- 2.7. Remove the upper right side cover of tester for access to transducer adjustment.
- 2.8. Adjust the potentiometer for zero PSI on display
- 2.9. Connect pressure source to port "#1 IN", and pressurize to 6000 PSI.
- 2.10. Verify that pressure reads 6000 PSI (+/- 60 PSI).
- 2.11. Relieve pressure.

3. END OF CALIBRATION:

- 3.1 Fill out calibration record and place it into the TE 82625 calibration folder. Complete the calibration sticker and place it onto tester.

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