

Test Engineering Calibration Procedure		DOCUMENT NUMBER 043816
TITLE INJECTOR/SEAL PACK TESTER TE 82503	REVISION 01	REVISION DATE 1/14/99
DOCUMENT TYPE CALIBRATION PROCEDURE		PAGE NUMBER 1

REFERENCED DOCUMENTS	SPECIAL NOTES

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REV. 00
REV. 01

DATE: 1/10/97
DATE: 1/14/99

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1. EQUIPMENT REQUIRED:

- 1.1. Shop air (60 psi minimum required)
- 1.2. Calibrated pressure source to 5000 PSI
- 1.3. 5/16" Wrench

2. Setup:

- 2.1. Plug Tester into 120 volt ac 60 hertz outlet.
- 2.2. Connect compressed air source to "SHOP AIR" on rear of tester.
- 2.3. Switch "POWER" on.

2.4. Press  key and the display reads:

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

2.5. 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

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

2.7. Scroll thru menu pages to locate the following.

#1 TRANSDUCER
CONNECT PORT #2 TO
PRESSURE SOURCE.
PRESSURE = **** PSI

and

#2 TRANSDUCER
CONNECT PORT #1 TO
PRESSURE SOURCE.
PRESSURE = **** PSI

The pressure reading for each transducer should be zero. If this is not the case, continue with steps 2.7 and 2.8, otherwise goto step 2.9.

- 2.8. Remove the right top cover of tester to gain access to potentiometers **1** and **2**.
- 2.9. Select the display that shows the transducer you wish to calibrate, and adjust the appropriate potentiometer for zero PSI on display. Repeat this step for all both transducers, if necessary.
- 2.10. Connect pressure source to appropriate port, located on front of tester.
- 2.11. Adjust pressure source for 5000 PSI.
- 2.12. Scroll thru transducer pages, and verify each page reads 5000 PSI (+/- 50 PSI).

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CALIBRATION DUE DATE
SET-UP UTILITY
CALIBRATION DUE ON
//**

2.13. Move display to calibration page and enter new calibration date.

3. END OF CALIBRATION:

3.1. Fill out calibration record and place it into the TE 82503 calibration folder. Complete the calibration sticker and place it onto tester.

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