

■ Power Steering Pump Assembly: Force Versus Distance Press Monitoring

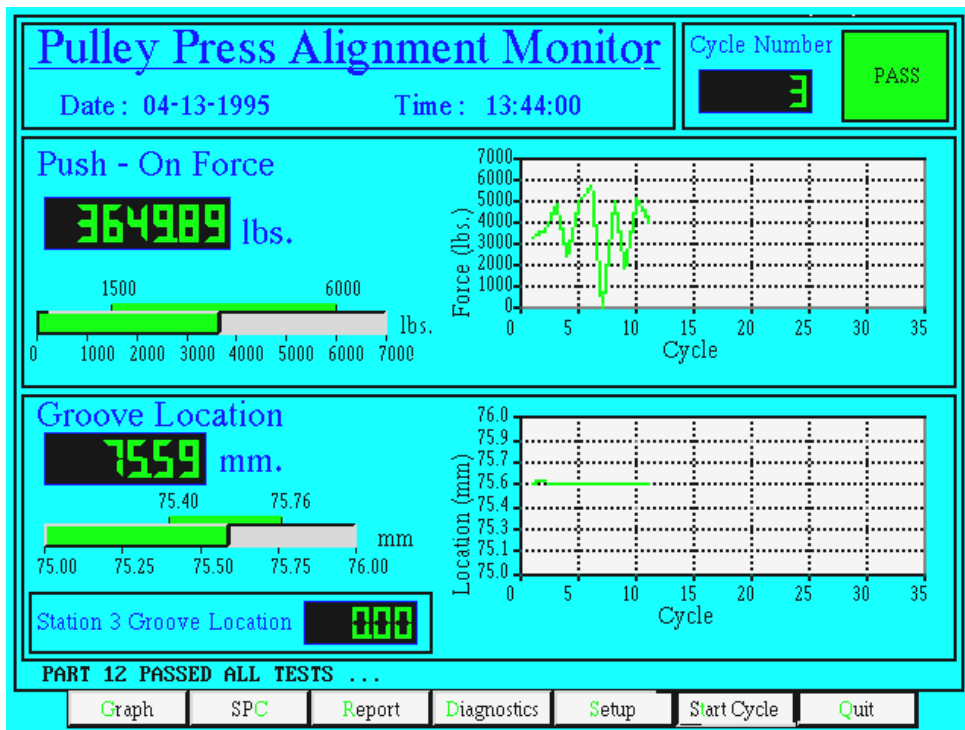
**Highlights:**

- Precision control and monitoring of power steering pump press-fit assembly
- 3 laser distance sensors used to perform geometric analysis of final position
- 100% testing of all assembled parts
- SPC charts of press force and position
- HPGL printing of graphs and charts
- Full data saving (reports and graphs)

The Press Monitoring System provides more than simple data acquisition - it dynamically controls the height of which a pulley is pressed onto a pump shaft.

The system performs various tests with each part - including force and pulley height checks during assembly. The system will also detect a pulley that is deformed or not perpendicular to the pump shaft.

All PASS/FAIL parameters are easily edited by authorized personnel through a password-protected entry screen. Data is stored in both SPC and individual press waveform formats.



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