

Technical Bulletin

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Subject: **Bendix® ACom® PRO™ Diagnostic Software Procedures for New Steering Assist Electronic Control Unit (ECU) Installation**

General Information

After installing a new Electronic Control Unit (ECU) on the Steering Assist System, the Pressure Trimming and Coil Polarity test must be completed in the Bendix® ACom® PRO™ Diagnostic Software.

Pressure Trimming and Coil Polarity Test

This test will reset the pressure values to 0 (zero) and should only be performed when the steering wheel angle is 0 (zero). This test is also used to verify correct coil connection and wiring.

1. Select *Pressure Trimming and Coil Polarity Test* and press *Enter* or the *Start* icon. Test dialog for procedure one (1) of two (2) will be displayed. See *Figure 1*.
2. Once the steering wheel angle is as close to 0 (zero) as possible, click the *Start* icon to begin the test. The pressure values will be reset to 0 (zero) and the offset will be written to memory.
3. When finished, press the *Next* icon to proceed. Test dialog for procedure two (2) of two (2) will be displayed. See *Figure 2*.
4. Click the *Start* icon to perform the test. During the test, all faults from the Magnetic Torque Overlay (MTO) ECU will be cleared, which can be observed in the faults grid. The test results will be displayed upon completion.
5. When finished, press the *Exit* icon to return to the test selection dialog.

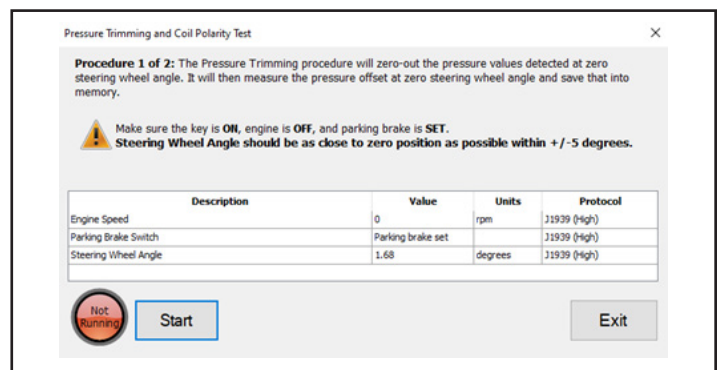


Figure 1 – Pressure Trimming Procedure

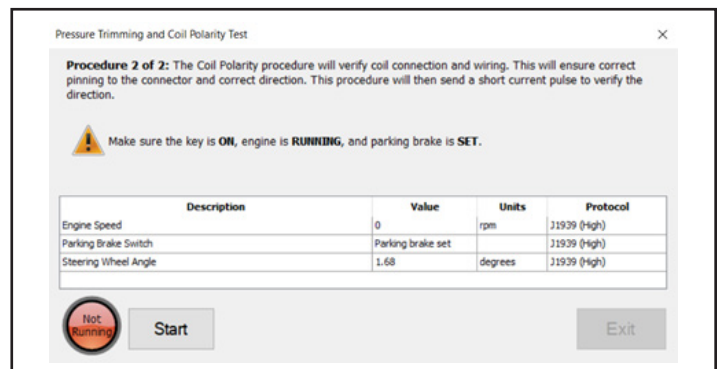


Figure 2 – Coil Polarity Procedure

