

Technical Bulletin

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

General Information

After installing a new Electronic Control Unit (ECU) on the Active Steering System by Bendix CVS, two procedures must be completed in the Bendix® ACom® PRO™ Diagnostic Software. After launching the ACom PRO Diagnostic Software, perform the following procedures:

- Pressure Trimming Test
- Coil Polarity Check

Pressure Trimming Test

This test will reset the pressure values to 0 (zero) and should only be performed when the steering wheel angle is 0 (zero).

1. Select *Pressure Trimming Test* and press *Enter* or the *Start* icon. Test dialog 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 *Exit* icon to return to the test selection dialog.

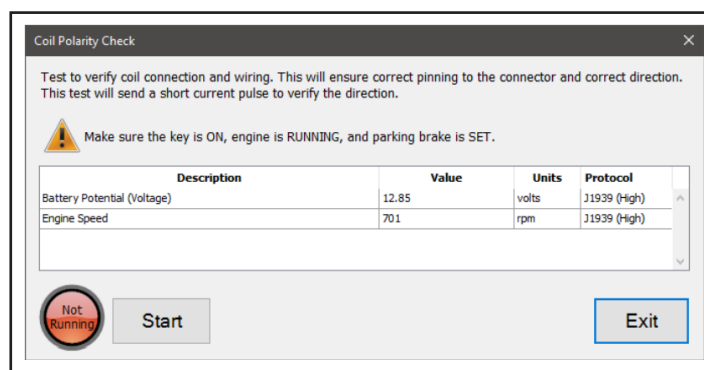


Figure 1 – Pressure Trimming Test

Coil Polarity Check

This test is used to verify correct coil connection and wiring.

1. Select *Coil Polarity Check* and press *Enter* or the *Start* icon. Test dialog will be displayed. See *Figure 2*.
2. 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.
3. When finished, press the *Exit* icon to return to the test selection dialog.

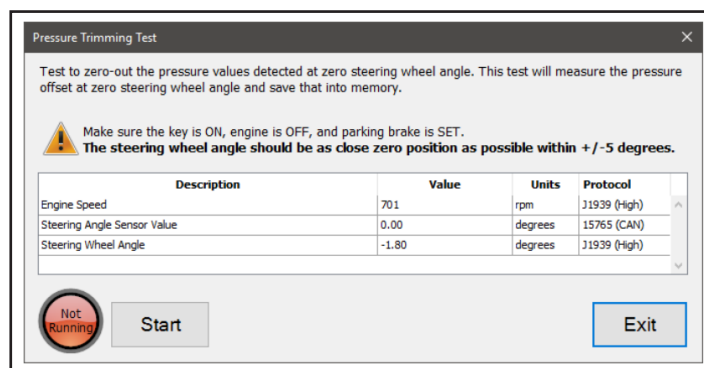


Figure 2 – Coil Polarity Check

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