

Required Tools:

- Compressor Test Tool Part # 38162
- Manifold gauge set with ¼" flare hoses

Compressor Test Procedure:

1. At the compressor, disconnect the red hose coming from the filter dryer and connect the suction side (blue hose) of the manifold gauge set to the fitting on the compressor. (CAUTION: This may be under pressure).

At the compressor, disconnect the plastic tube that goes to the top of the red oil separator and insert the 38162 Compressor Test Tool. To remove the plastic tube, push inward on the tube, push down on the brass ring on top of the fitting, and pull up on the plastic tube. To install, push the plastic tube into the hole and pull up to seat.

2. Connect the discharge side (red hose) of the manifold gauge set to the adapter.
3. Close the discharge side valve on the manifold gauge set and open the suction side valve 1 turn.
4. Energize the compressor by going into Diagnostic Mode. This is achieved in the Android app by tapping on System Setup, tapping on Manual Values Entry, type in 1234, then Enter. Once you tap on COMP1 you will activate the compressor. Confirm that the compressor is running. To deactivate the compressor, tap on COMP1 a second time.
5. With the compressor energized, keep the suction side of the manifold gauge set open and the discharge side shut until you reach 300 psi on the high side. Close the suction side of the manifold gauge set. You may need to regulate the discharge side by slightly opening the discharge valve on the manifold to keep it at 300 psi.
6. The compressor will need to reach 300 psi on the discharge side while reaching a minimum of 10 inches of vacuum on the suction side. If the compressor is unable to achieve this it is failing or has completely failed.

