

The 729115 AirForce Compressor Run Kit enables the AirForce compressor to operate independent of communication with the 20/20 SeedSense.

Step 1: Install the 726188 ¼”NPT-F to ¼”PTC-F fitting onto the threaded connection of the 755054 Pressure Switch (Illustration 1 – ‘To Air Fitting’).

Thread tape or similar thread applicant should be used to ensure a tight seal with no air leaks.



Illustration 1

Step 2: Install the Pressure Switch onto the 729116 Compressor Run Harness.

Connect the 2 pin WeatherPack socket from the Pressure Switch (Connector A - Illustration 1) to 2 pin WeatherPack Plug marked “SWITCH” on the Compressor Run Harness (Connection A – Illustration 2).



Illustration 2

Step 3:

Connect the Compressor Run Harness 2 pin WeatherPack Plug marked “RELAY” (Connection **B** – Illustration 2) into the relay solenoid on the compressor.

See Illustrations 3 and 4 on below for relay solenoid connection locations (**B**) in Hydraulic and 12V Electric compressors respectively.

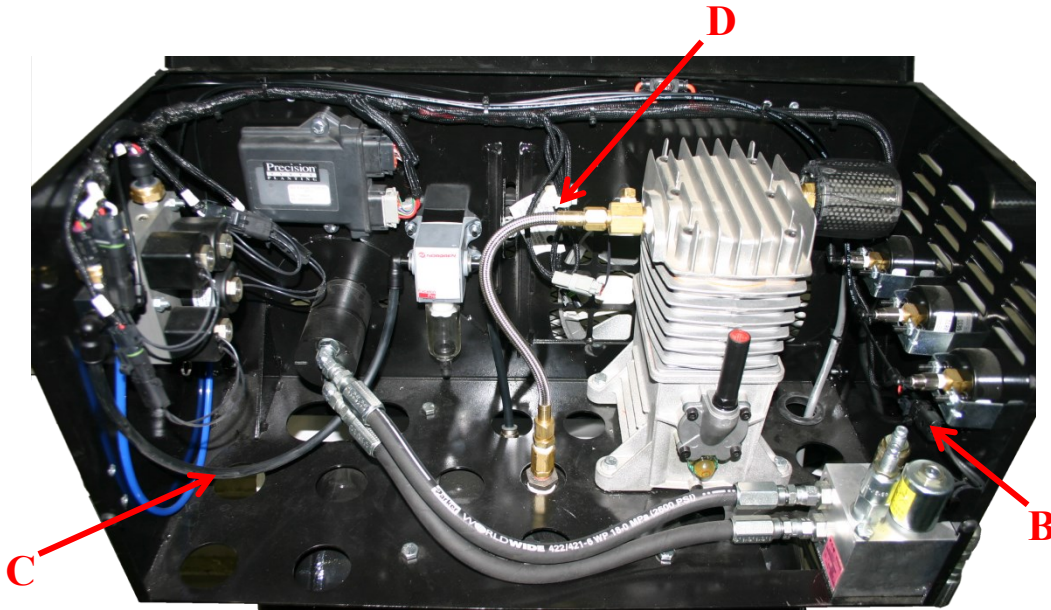


Illustration 3

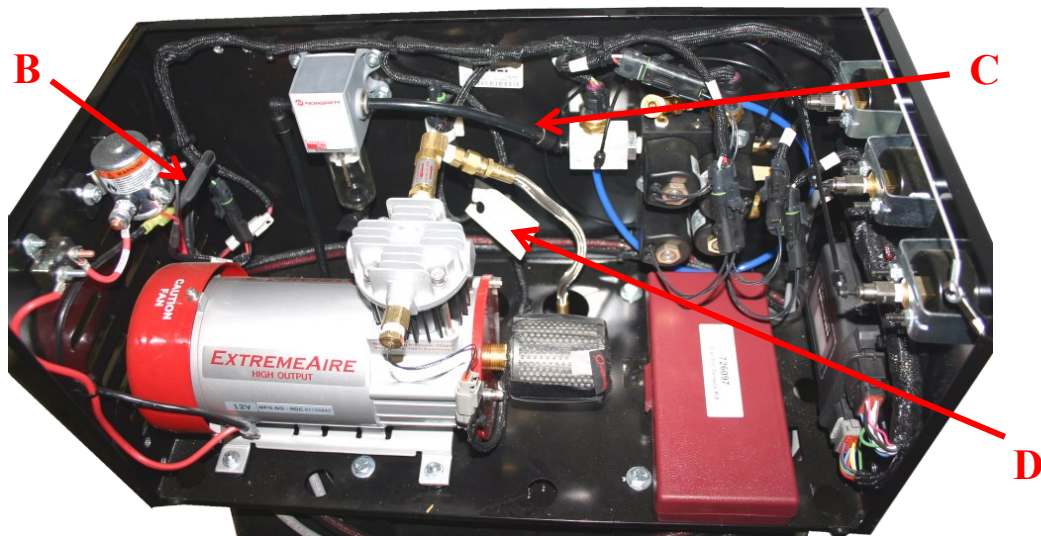


Illustration 4



AirForce Compressor Run Kit



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Step 4: Connect the Pressure Switch into the supply air from the compressor. Install a PTC 'Tee' (not supplied in this kit – source from the AirForce service kit) after the water separator for access to clean dry air at tank pressure. See location **C** in Illustrations 3 and 4 above for 'Tee' installation locations in Hydraulic and 12V Electric compressors respectively. Use ¼" line to connect the 'Tee' to the Pressure Switch.

Step 5: Connect the Compressor Run Harness 2 pin WeatherPack Socket labeled "POWER" (Connection **D** – Illustration **2**) to power.

Standard Installation:

Systems upgrading from AirForce to DeltaForce will have access to power the Pressure Switch through the previously installed 4 pin Channel A or Channel B communication/power harness via a Universal Tractor Harness (P/N – 725499). Connect the "POWER" connection to the 'DIAGNOSTIC PORT' on the AirForce Control Harness, identified by location **D** in Illustrations 3 & 4. This harness location will be identified with a descriptive note attached to the connector identifying it as a diagnostic port.

With this installation the AFM (AirForce Module) MUST be disconnected from the system. Unplug the two 12-pin connectors from the AFM – this is necessary to ensure the SeedSense system is communicating with only one down force control system.

Custom Installation:

Systems that do not have access to the standard installation harnessing will need to supply switched (KEY) 12V Power and Ground to the AirForce Compressor Run Harness "POWER" connector.

Recommended locations to access switched 12V power and Ground are

- 1 - Un-used APEX output on PDM (use 729194 APEX - 2WeatherPack Adapter)
- 2 - Secondary connection on AUX power (RowFlow systems/harnesses)