



MANUFACTURING, INC.

2686 Highway92 - Oskaloosa, IA 52577

Phone: 641.673.0468 - Fax: 641.673.4168

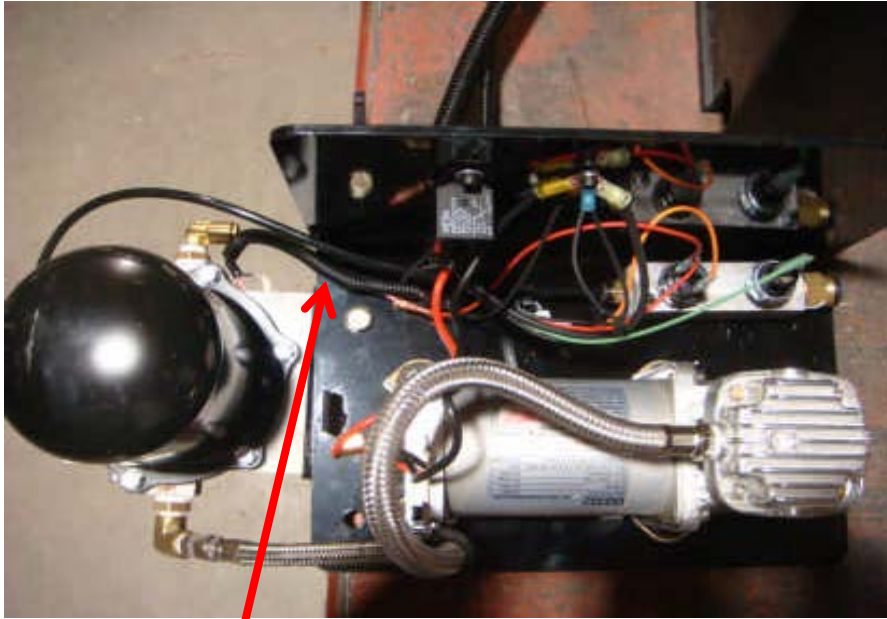
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**Dryer Retrofit
Mechanical System
Installation Instructions**





1. Remove the plastic cover off the compressor box.
2. Completely drain the air tank. **NOTE: MAKE SURE TO USE JACK STANDS UNDER THE FRAME TO SUPPORT THE CHASSIS WHEN THE SYSTEM LOSES PRESSURE.**
3. Remove the braided air line, low pressure switch, and 1/2" to 1/4" air fitting from the aluminum manifold. Install the air fitting in the "OUT" port of the new manifold. Install the low pressure (right side) and the high pressure (left side) switches in the manifold. Install the 1/4" x 1/4" fitting in the end of the left port of the new manifold. Install the new manifold assembly and reconnect the wires to the pressure switches.
4. Hold the air dryer mounting bracket up to the bottom of the compressor box and mark the holes where you will drill the two holes for the 3/8" bolts. The dryer hangs off the back (rear) of the compressor box. **NOTE: DRILL THE HOLES SLIGHTLY LARGER THAN 3/8".** Fasten the dryer and mounting bracket with the 3/8" x 1 1/2" bolts.
5. Run a 1/4" air line from the manifold to the center port on the air dryer.
6. Hook up the braided line from the compressor to the "IN" port on the air dryer (use teflon tape on the fittings to prevent possible air leaks).
7. Insert the 1/4" pipe thread 3/8" air line 90 degree into the side of the air tank. Run a 3/8" air line from the "OUT" port on the dryer to the fitting you just installed in the tank.
8. If the unit has a drain (spitter) valve on it, remove the valve and put in the cable pull drain valve.
9. If the drain valve you removed is heated you will need to cut the wire and connect it to the pink wire on the dryer. If the drain valve is non-heated you will need to tap in red wire from the pressure switch to the pink wire.
10. You will need to trim the corner of the plastic box cover for the braided line that runs to the dryer.
11. Use a squirt bottle and a soapy solution to check for leaks on the system.



Pink wire connects to either the drain valve or tap into the red wire.



This air line connects to the manifold or directly to pressure switch.