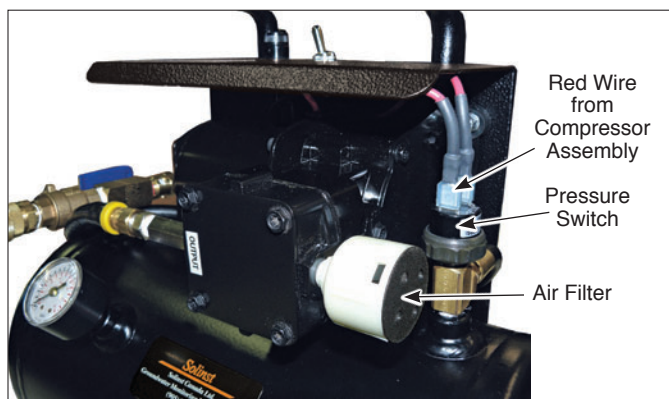
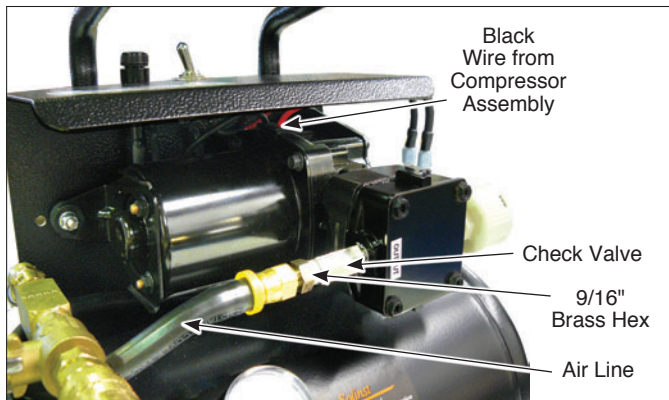


Tools and Materials Needed

1. 12 Volt Compressor Assembly (#109483)
2. 9/16" Wrench
3. 3/8" Wrench
4. 3/16" Allen Key
5. Wire Cutters and Strippers
6. Pliers or Crimping Tool
7. Heat Gun
8. Teflon® Tape

Instructions

CAUTION: Ensure the power supply is disconnected from the 12V Compressor and the pressure has been fully vented from the tank.

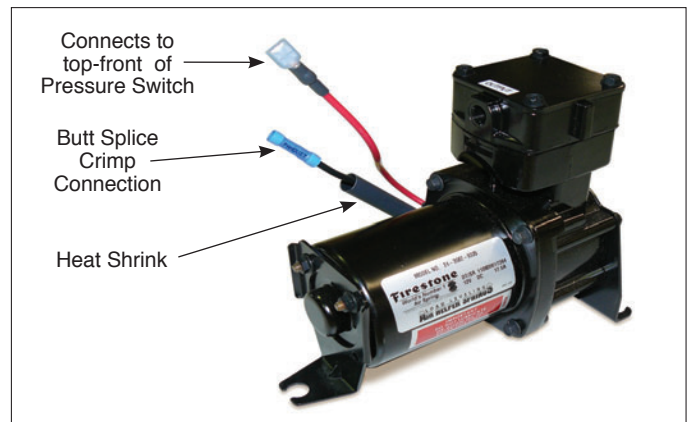


12 Volt Compressor Assembly Connections to the Compressor Unit

Remove the Old Compressor Assembly

1. Use the 9/16" wrench to undo the 9/16" brass hex and remove the air line from the silver coloured check valve.
2. Use the 3/8" wrench and 3/16" allen key to undo and remove the three bolts holding the Compressor Assembly to the frame of the Compressor Unit.

3. Pull the red wire on top of the pressure switch to the old Compressor Assembly. Leave the adjacent red wire on the pressure switch.
4. Cut the black wire of the old Compressor Assembly, at a point about 3" (7.6 cm) away from the old Assembly. Strip the wire about 1/2" (1.25 cm).
5. Remove the old Compressor Assembly from the Compressor Unit Frame.
6. Remove the air filter from the old Compressor Assembly. It will be used with the new Compressor Assembly.
7. Use the 9/16" wrench to remove the check valve from the output of the old Compressor Assembly. It will be used with the new Compressor Assembly.



Replacement 12 Volt Compressor Assembly

Connect the New Compressor Assembly

8. By hand, screw the air filter into the new Compressor Assembly. Do not over-tighten.

Note: Do not over-tighten the air filter when connecting to the new Compressor Assembly.

9. Remove any old Teflon tape and re-tape the threads of both ends of the check valve. Screw the check valve into the output of the new Compressor Assembly and tighten.
10. Ensure the piece of heat shrink is over the black wire of the new Compressor Assembly. Insert the stripped black wire into the butt splice terminal on the black wire of the **new** Compressor Assembly.
11. Use crimps or pliers to crimp the butt splice terminal to secure the wire in the butt splice connection.
12. Center the heat shrink over the butt splice connection and apply heat with a heat gun.
13. Connect the red wire from the new Compressor Assembly to the terminal on the pressure switch.
14. Use the three bolts to attach the new Compressor Assembly to the Compressor Unit Frame.
15. Use the 9/16" wrench to connect the air line to the check valve of the new Compressor Assembly.

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