

**III PACBRAKE®**

# Installation MANUAL



## **C11642 DODGE PRESSURE SWITCH KIT**

FOR 2003-2007 DODGE KITS THAT WERE SUPPLIED WITH AN AIR TANK

# INSTALLATION MANUAL - DODGE PRESSURE SWITCH KIT, L6094

## KIT CONTENTS

C11640	Pressure Switch	(1)
C11641	Harness	(1)
M8028	Blue Butt Connectors	(3)
C11816	Tie Straps	(6)

## REQUIRED TOOLS

- $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ " open end or box wrenches
- Adjustable Wrench
- Pipe Thread Sealant
- Spray Bottle with Dish Soap/Water
- Wire strippers
- Wire crimpers

Thank you and congratulations on the purchase of a Pacbrake kit. Please read the entire installation manual prior to starting the installation to ensure you can complete the installation once started.

### BEFORE STARTING:

Ensure the application information is correct for the make, model and year of the vehicle you are installing it on. This kit is designed to prolong the life of the pressure switch for your air system.

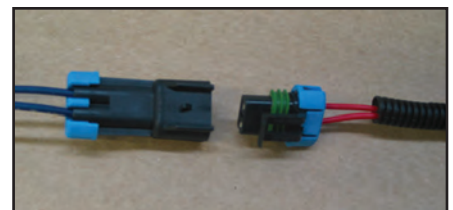
## INSTALLATION

- 1 Locate the pressure switch of the Pacbrake air system, it will be green with two blue wires molded in to the end. Original kits have the pressure switch located in the top of the air tank. Newer kits will have the pressure switch located on the compressor assembly. The wiring modification is the same for both locations.

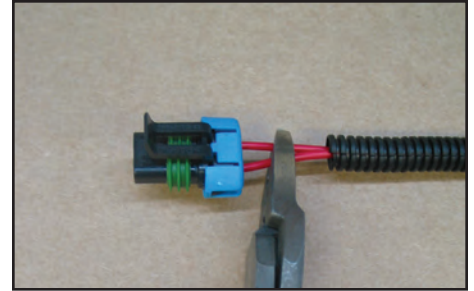
The two locations are shown in photos.



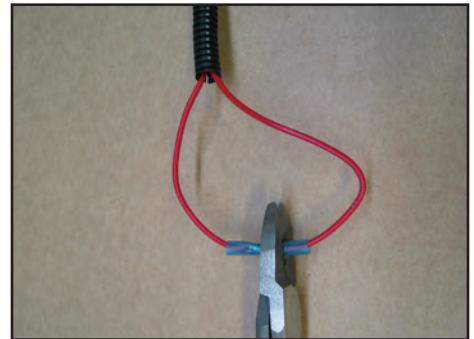
- 2 Disconnect the weather-pac connector of the Pacbrake harness to the pressure switch.



- 3** At the harness end of the weather-pac connector, pull back the wire loom. There will be two red wires. Cut both wires close to the connector and discard the connector end.



Strip ¼" off both wires of the harness. Attach the two wires together using the heat shrink butt connector supplied. Heat this connection to provide a water tight seal.

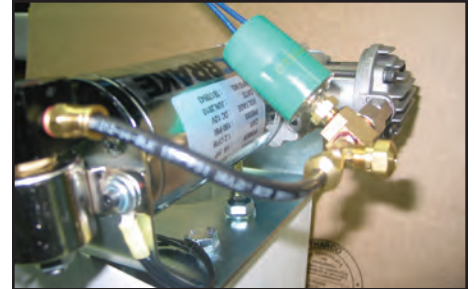


- 4** For pressure switches located at the compressor, it is necessary to have the pressure switch fitting end pointing on a slight downward angle so moisture cannot accumulate within it. Some early kits had the pressure switch facing up. These will need to have the fittings removed and repositioned. Make sure to use thread sealant on all fittings upon re-assembly.

See examples: photo A is the correct positioning of the switch and photo B is incorrect.

Install the new pressure switch provided.

A



B



- 6 Connect the weather-pac connector of the new supplied harness to the new pressure switch. Route the other end of the harness to the drivers side battery and locate the black 16 awg. (ground) wire of the existing pacbrake harness. Cut this wire approximately 2" from the negative post of the battery. Strip  $\frac{1}{4}$ " off each end and crimp on the remaining two butt connectors. Shorten the new harness to the correct length if needed. Strip  $\frac{1}{4}$ " off each wire and crimp onto the butt connectors.

Once crimped, heat the connectors to provide a moisture tight seal.

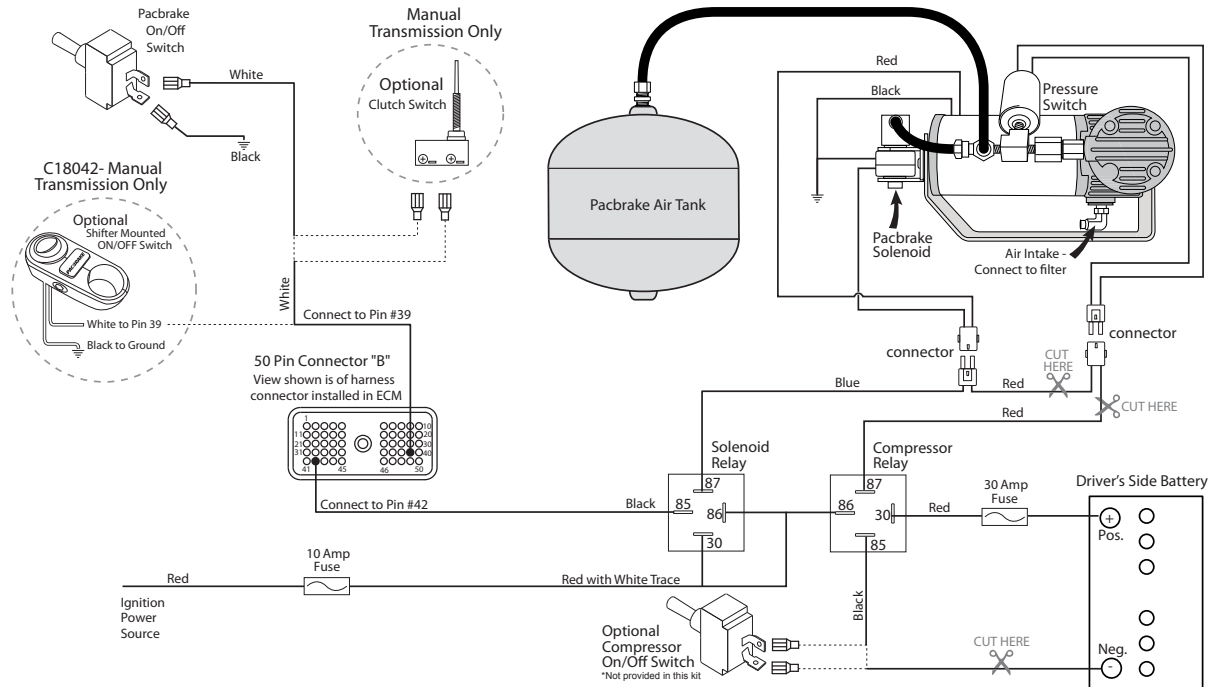


- 7 Secure all wiring away from heat sources and moving parts with the tie straps provided. Test the system for operation and air leaks. Air leaks will shorten the compressor life.



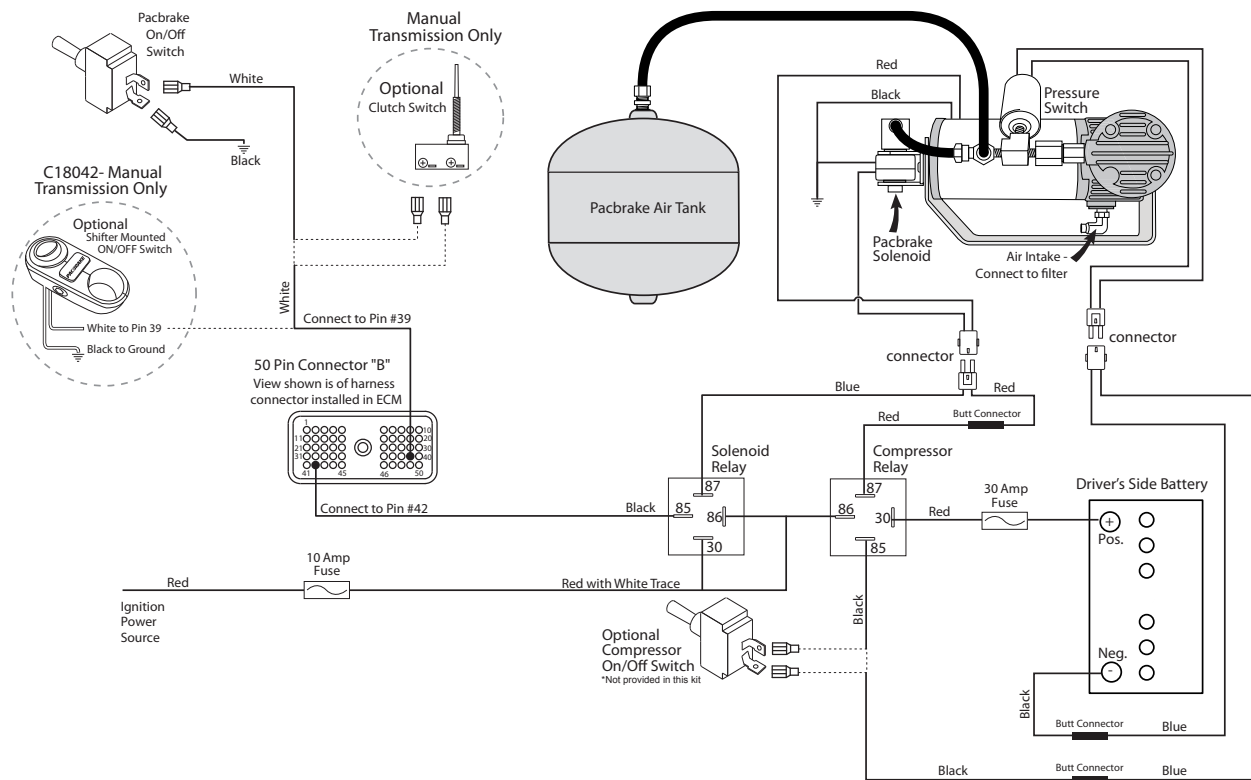
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## BEFORE



REV8.WIRING

## AFTER



C11642 RETRO FIT WIRING