



## INSTALLATION MANUAL

Electric Vacuum Pump 12V

PFEVP1000

Included Items	QTY
PFEVP1000 Electric Vacuum Pump	1
Vacuum Switch	1
Vacuum Switch T-Piece	1
Relay & Wiring Kit	1
Check Valve	1
Rubber Vacuum Hose	1
Mounting Posts	4

**WARNING:** PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

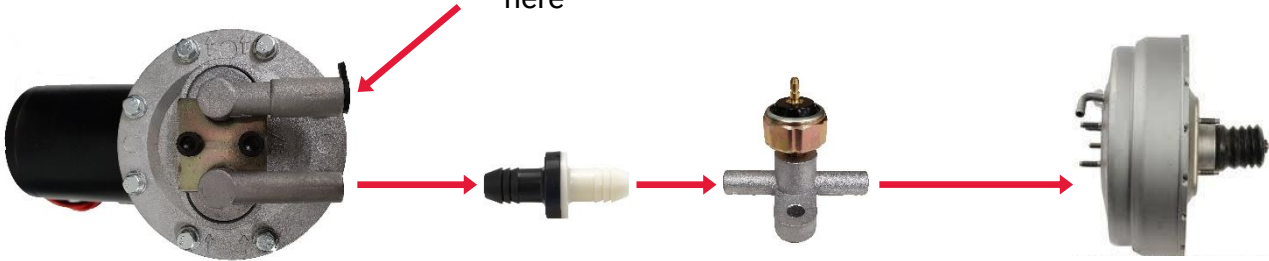
### TYPICAL INSTALLATION

1. Find a suitable location to mount unit and attach using the rubber insulators.
2. Mount the vacuum switch in a suitable location, making sure the base is grounded.
3. Run vacuum hose from smaller pump outlet, then to switch, and on to brake booster.
4. This unit must be wired as per diagram (on page 2) to ensure there is no damage done to unit.
5. Unit will run until vacuum is around 22 inches. The unit will cut in and out as vacuum is used. If unit continues to run, then this could indicate a vacuum leak from the hoses.

## WIRING DIAGRAM

### PUMP EXHAUST

Do not connect hose here



### VACUUM PUMP

Must be mounted on supplied insulators

### CHECK VALVE

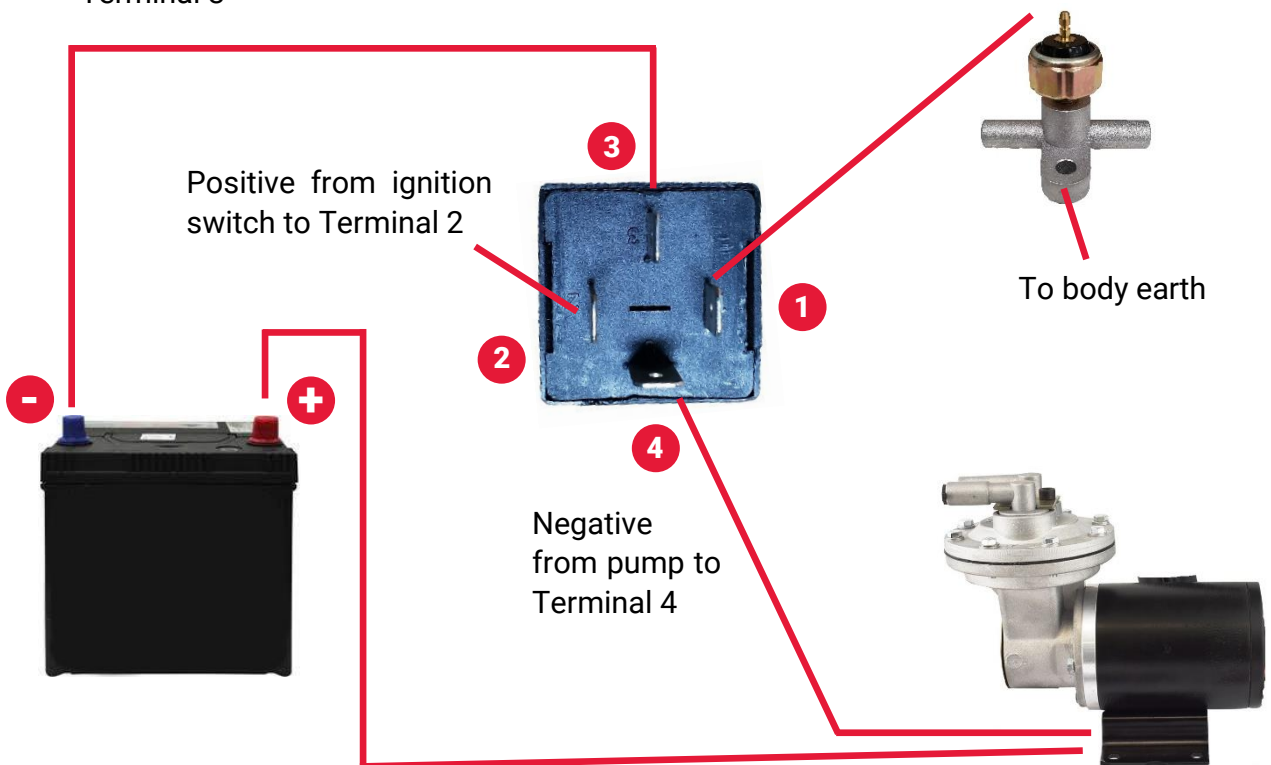
### VACUUM SWITCH

Must be grounded to chassis

Use the supplied hose for connection from pump to switch and brake booster

Negative from battery to Terminal 3

Signal from top of switch to Terminal 1



Positive from ignition switch to Terminal 2

To body earth

Negative from pump to Terminal 4

Positive to motor with inline fuse holder

### PROFLOW LIMITED WARRANTY

This product is warranted to be free from defects in materials and workmanship for a period of one year from the original date of purchase.

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