



Rev. 5/2020

841050 Brake Switch Installation Instructions

Thank you for your purchase of the Performance World brake vacuum pump switch. This switch is included with our 841001 Vacuum Brake Pump Kit. If you are installing this for use in another vacuum pump kit, it is imperative that you read and follow these instructions to ensure proper function after installation. PLEASE NOTE: Your vacuum pump MUST produce a minimum of 21-22" of vacuum on its own. (Test with a vacuum gauge PRIOR to installation) This switch is designed to activate when it senses vacuum LESS than 14" and disconnect when vacuum reaches 19". If your pump does not exceed 19", it will never shut off.

NOTE: There is NO WARRANTY on this part if used on any other brand of vacuum pump kit or when used on other applications.

1) READ INSTRUCTIONS FIRST BEFORE INSTALLATION!

2) Install the switch using a "T" in the vacuum line outlined either diagram on the following pages. It is important to ensure there are no leaks. Mount vacuum switch/tee assembly in a suitable location close to pump but away from exhaust heat and water.

3) Plumb the vacuum hose per the diagrams.

4) Connect relay harness wires as follows:

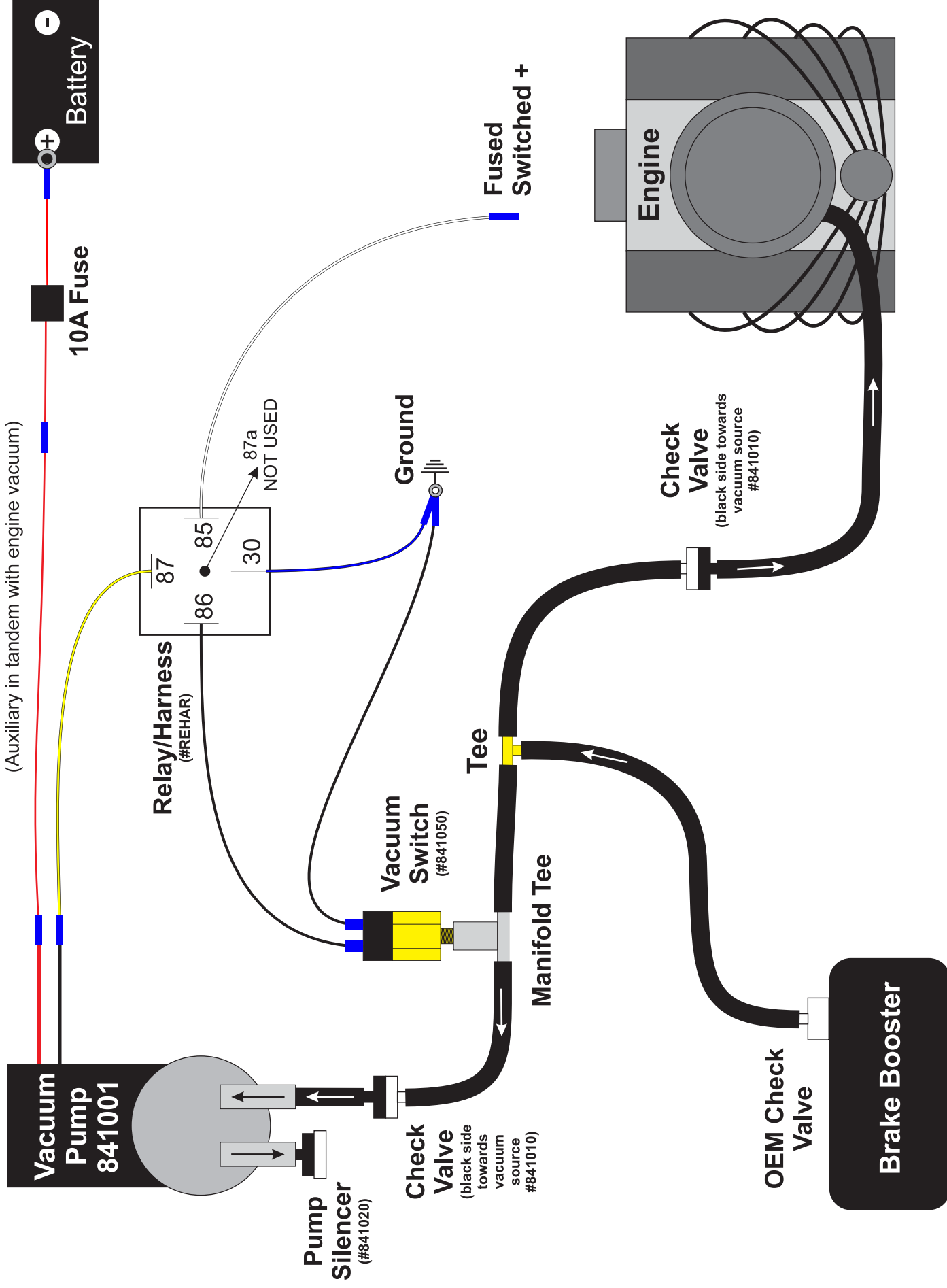
- Relay Terminal #86 (black wire) to the vacuum switch
- Relay Terminal #85 (white wire) to a 12V (+) fused switched (ignition) source
- Relay Terminal #30 (blue wire) to good vehicle chassis ground (-)
- Relay Terminal #87 (yellow wire) to black (-) wire on pump
- Relay Terminal #87a (red wire) **NOT USED**

5) Connect the remaining vacuum switch terminal to a good vehicle ground (-)

6) Connect the red wire from the vacuum pump to the supplied 10A fused wire and then to the positive (+) battery terminal using the supplied wire and terminals.

Recommended Installation

(Auxiliary in tandem with engine vacuum)



Alternate Installation

(Sole supply of vacuum to OEM Booster)

