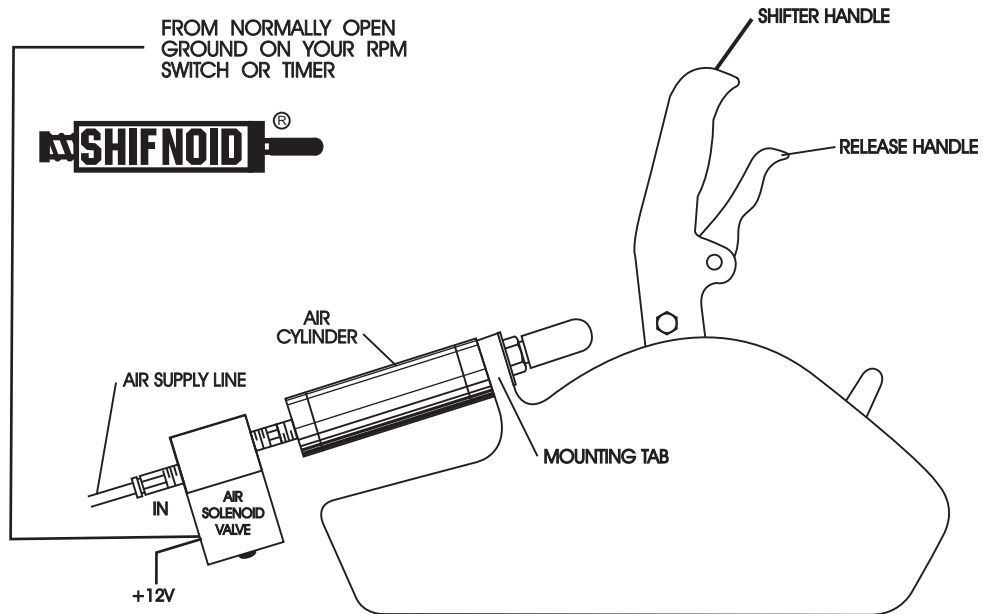


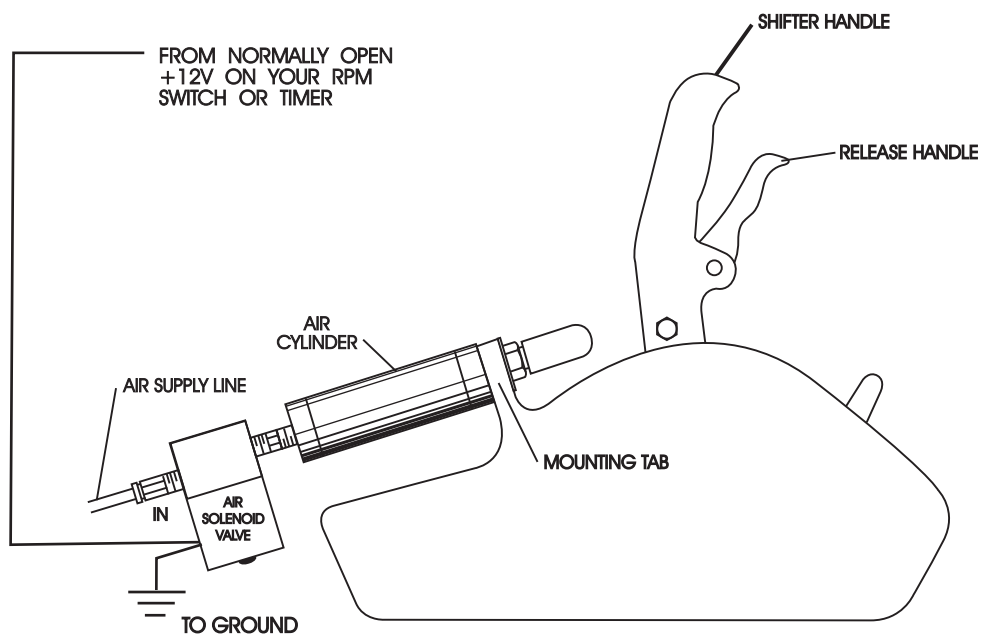
# SHIFNOID WIRING DIAGRAM

FOR a B&M PRO BANDIT  
with a SA5400 AIR KIT

IF YOUR RPM SWITCH OR TIMER SUPPLIES "NORMALLY OPEN GROUND"  
(SHIFNOID OR MSD) USE THIS DIAGRAM



IF YOUR RPM SWITCH OR TIMER SUPPLIES "NORMALLY OPEN +12V"  
(DEDENBEAR OR DIGITAL DELAY) USE THIS DIAGRAM



# **INSTALLATION INSTRUCTIONS**

## **“SHIFNOID” AUTO SHIFTER**

### **PART # SA5400**

FOR STANDARD “FORWARD” PATTERN POWERGLIDE  
TRANSMISSIONS USING A “B&M” PRO BANDIT<sup>tm</sup>

#### **STANDARD PARTS INCLUDED:**

1- RAM CYLINDER	1- LOCK WASHER & TIP
1- AIR SOLENOID VALVE	1- AIR LINE KIT & FITTINGS

#### **MOUNTING THE UNIT**

Screw the cylinder into the ProBandit mounting snout from the back with the lock washer between the cylinder and mount. Install the rubber tip. Next, screw the 1/8” pipe nipple that is attached to the solenoid into the back of the cylinder. There is no need to use pipe tape or sealer on the nipple. There is only air pressure on the fitting during the shift. Pipe tape can be used to alter the treads so the solenoid can be lined up with the shifter if desired.

**DO NOT USE THE SOLENOID FOR LEVERAGE TO TIGHTEN THE NIPPLE. USING A WRENCH OR YOUR HAND TO GRAB THE SOLENOID AND TIGHTEN CAN DESTROY THE SOLENOID. USE A 7/16” WRENCH ON THE WRENCH FLATS ON THE PIPE NIPPLE TO TIGHTEN THE NIPPLE TO THE SOLENOID AND TO THE CYLINDER. DAMAGED SOLENOIDS ARE NOT COVERED UNDER WARRANTY.**

#### **PLUMBING & WIRING THE UNIT**

Follow the wiring diagram supplied. If your RPM switch or Timer supplies a “Normally Open Ground” connect the trigger wire from your device to either wire on the air solenoid. Supply the other wire on the air solenoid with 12 volts.

If your RPM switch or Timer supplies a “Normally Open 12 volts” connect the trigger wire from your device to either wire on the air solenoid. Supply the other wire on the air solenoid with a ground.

Your incoming air / CO2 pressure should be set between 60 and 100 lbs. The lowest working pressure will save the most air / CO2. Increase pressure as needed to compensate for any hard shifting situations, but do not exceed 125 lbs.