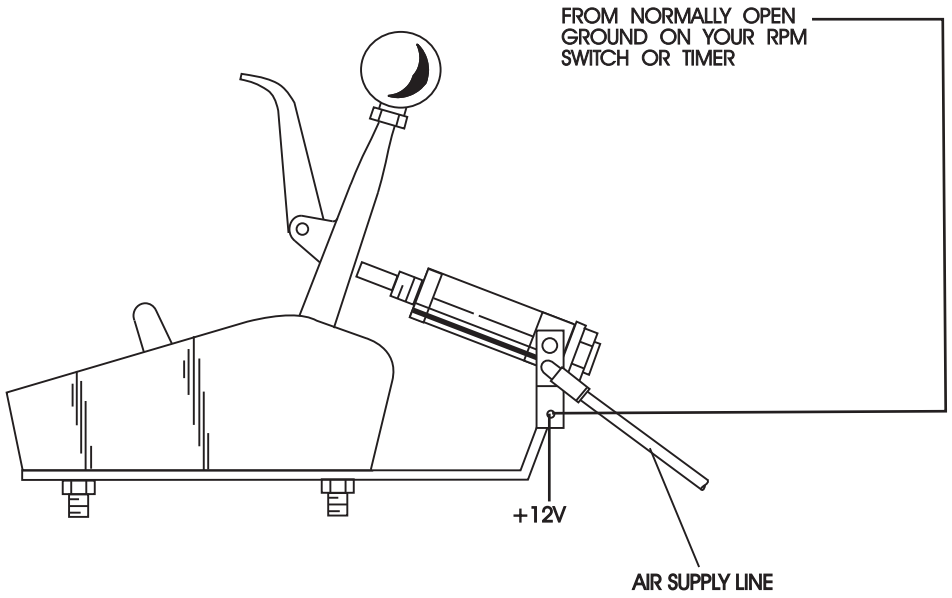
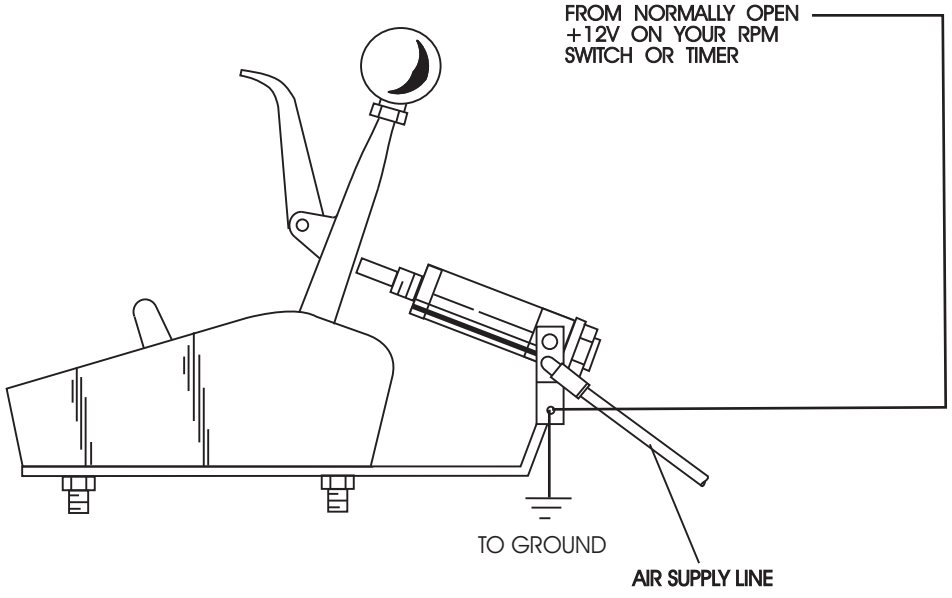
SHIFNOID WIRING DIAGRAM

FOR a HURST QUARTER STICK, B&M PRO STICK, TCI OUTLAW OR THUNDER STICK SHIFTER with a SA4000 AIR CONTROL

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



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INSTALLATION INSTRUCTIONS
"SHIFNOID" AUTO SHIFTER
PART # SA4000

FOR STANDARD "FORWARD" PATTERN POWERGLIDE TRANSMISSIONS USING HURST QUARTER STICK, B&M PRO STICK, TCI OUTLAW OR TCI THUNDER STICK SHIFTERS

STANDARD PARTS INCLUDED:

1 - RAM CYLINDER	1 - MOUNTING BRACKET
1 - AIR SOLENOID VALVE	1 - AIR LINE KIT & FITTINGS

MOUNTING THE UNIT

The mounting bracket is drilled to accept the air cylinder. Install cylinder and securely tighten the hold down nut. The bracket is bent to align the cylinder with a HURST QUARTER STICK, B & M PRO STICK, TCI OUTLAW or THUNDERSTICK shifter. Bolt the bracket between the shifter and the mounting surface, (floor, shifter platform, etc.). Bolt the bracket down using the holes that correspond with your shifter, but do not tighten at this time. Adjust the bracket so there is approximately 1/16" to 1/8" between the tip on the cylinder plunger and the shifter handle, when the shifter is in 1st gear, being sure that the plunger and shifter handle align for good contact. Tighten the mounting bolts.

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 12V+" 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 at approximately 85 lbs. to 100 lbs. The lowest working pressure will save the most CO2. Increase pressure as needed to compensate for any hard shifting situations, but do not exceed 125 lbs.

QUESTIONS ?

If you have questions or concerns on the installation or use of this product, do NOT contact the retailer you purchased the kit from. Most retailers are not equipped to help you with in-depth tech questions. SHIFNOID LTD. has arranged for all tech and warranty to be handled by it's distributor:

CONTENDER PERFORMANCE PRODUCTS INC.
Phone: 740-927-0060
www.contenderperformance.com