



## Elite “Super Sport” Shifter Installation Instructions

The Biondo Racing Elite “Super Sport” Shifter is a gate pattern type shifter mechanism. It is a front exit cable model only designed for Powerglide transmissions with standard or reverse pattern valve bodies. The Elite Super Sport Shifter features a positive reverse lockout mechanism and a neutral safety switch as required by NHRA and IHRA. Please read the instructions before beginning the installation.

**IMPORTANT:** We suggest you install the shifter cable, air or electric solenoid onto the shifter before positioning it in your vehicle. This will allow for proper clearance at the rear of the shifter before you permanently mount the shifter body mounting

### INSTALLING THE SHIFTER CABLE:

**Photo 1:** The cable installation is very simple. A unique feature of the Elite Super Sport is you do not have to remove the side cover to install the cable. Simply put the shift lever in neutral, slide the cable through the larger hole in the front of the shifter body (arrow 2) and place the eye of the cable into the shifter handle slot. Install the set screw in the side cover hole (arrow 1)



Photo 1

You can also remove the side cover to install cable. **Photo 1:** Remove the 4 counter sunk screws (arrow 3) and remove side cover. **Photo 2:** Simply slide the cable (arrow 4) through the larger hole in the front of the shifter body (arrow 5), **Photo 3:** Place the eye of the cable into the shifter handle slot (arrow 6). Install the set screw into the shifter handle slot.

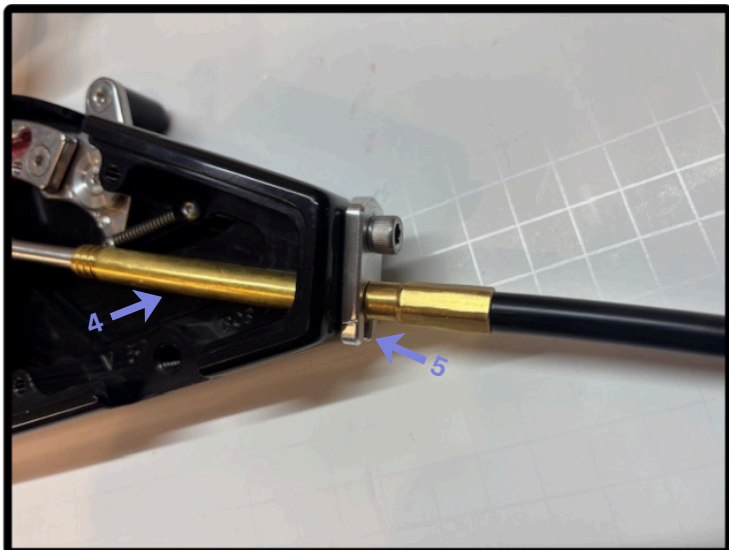


Photo 2

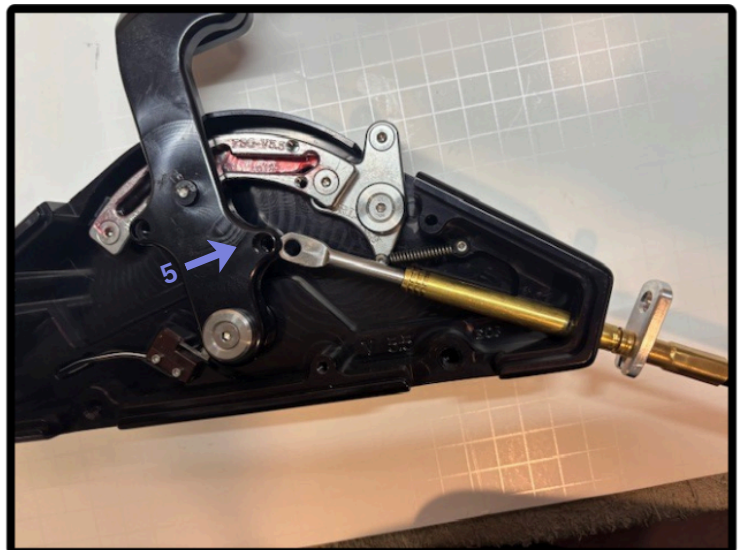
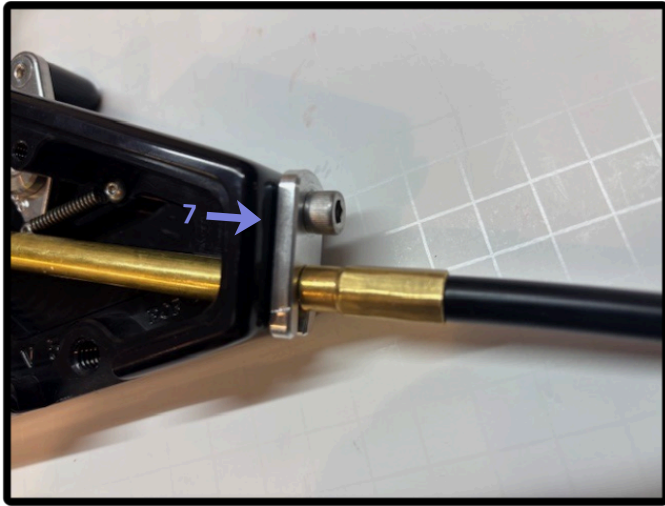


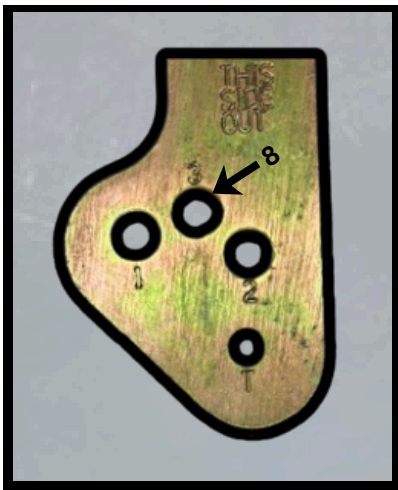
Photo 3

**Photo 4:** Finally install the cable tab bolt (arrow 7) included in your hardware kit to secure shifter cable. The cable tab bolt mounting hole is threaded, another unique feature of the Elite Super Sport. Reinstall side cover and your finished with cable installation.



**Photo 4**

**Cable Adjustment:** Place the shifter into the first gear position. Place the selector lever on the transmission into the first gear position. With both, the shifter and the transmission in the first gear position, you can attach the shifter cable.



**Photo 6**

\*Use hole #3 (arrow 8), other aftermarket arms may be marked "H"



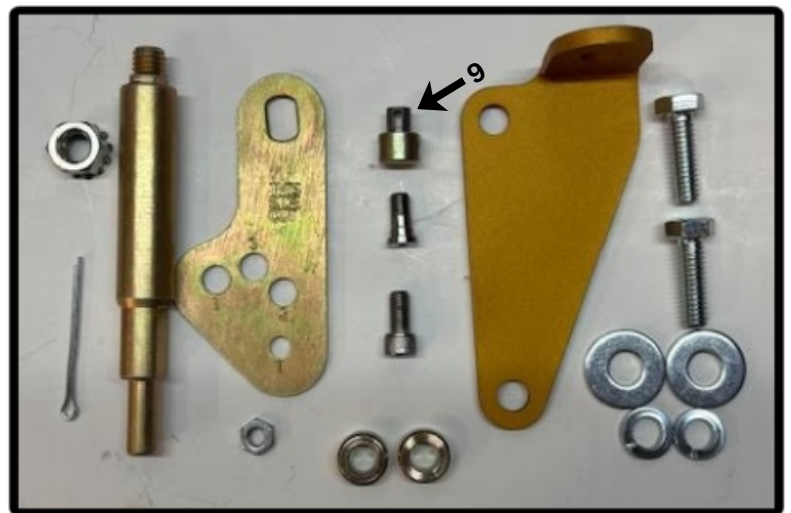
**Photo 8**

**Mounting the Elite Super Sport** is also very simple due to yet another unique feature. **Photo 5:** The mounting tab holes are threaded with 5/16 bolts measuring 5 1/2" (center to center). Once the shifter location is determined, mount the shifter to fabricated tabs, at least 3/16" to avoid any flexing.



**Photo 5**

**Photo 7:** This (Arrow 9) is what we call the "Rod End". Screw the rod-end on to the cable at the transmission, rotate the rod-end in until you can slide it into the hole in the transmission are easily. Move the shifter through the gears while you check to make sure the rod-end slips in and out of the arm easily. Install the cotter pin and move the nut up against the rod-end and tighten.

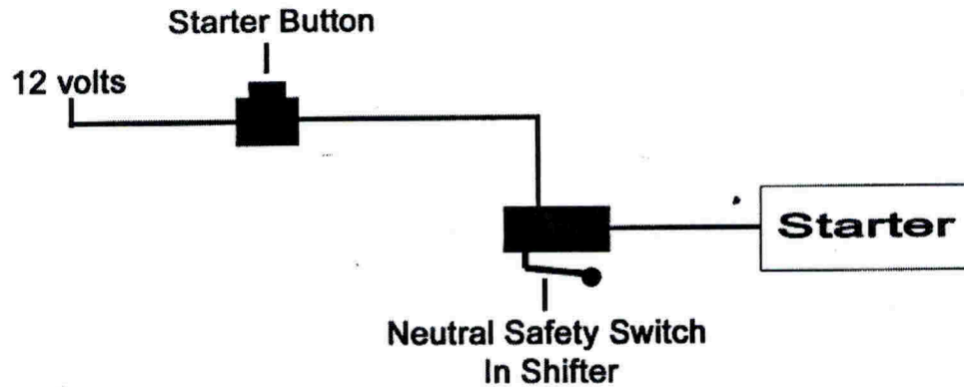


**Photo 7**

**Photo 8:** Use the two supplied bolts/washers (lock washers) to mount the transmission bracket to the back two holes of your transmission pan. Once secure, run the shifter cable through the hole of the bracket and lock it down with the two nuts/washers supplied with the cable.

To finish up, thread the rod end on and set your gears. Once everything is adjusted, tighten everything up.

# Wiring Diagram For Neutral Safety Switch



Cut wire from starter button and to starter and make splice to the neutral safety switch.

For wiring the solenoid, follow the directions from the manufacturer of the RPM switch.

**NOTE:** If you are using the MSD 8950 RPM switch please note that the 8950 will supply the ground, you must supply 12 volts to D.C. to the solenoid.  
Check with the manufacture if you are using another