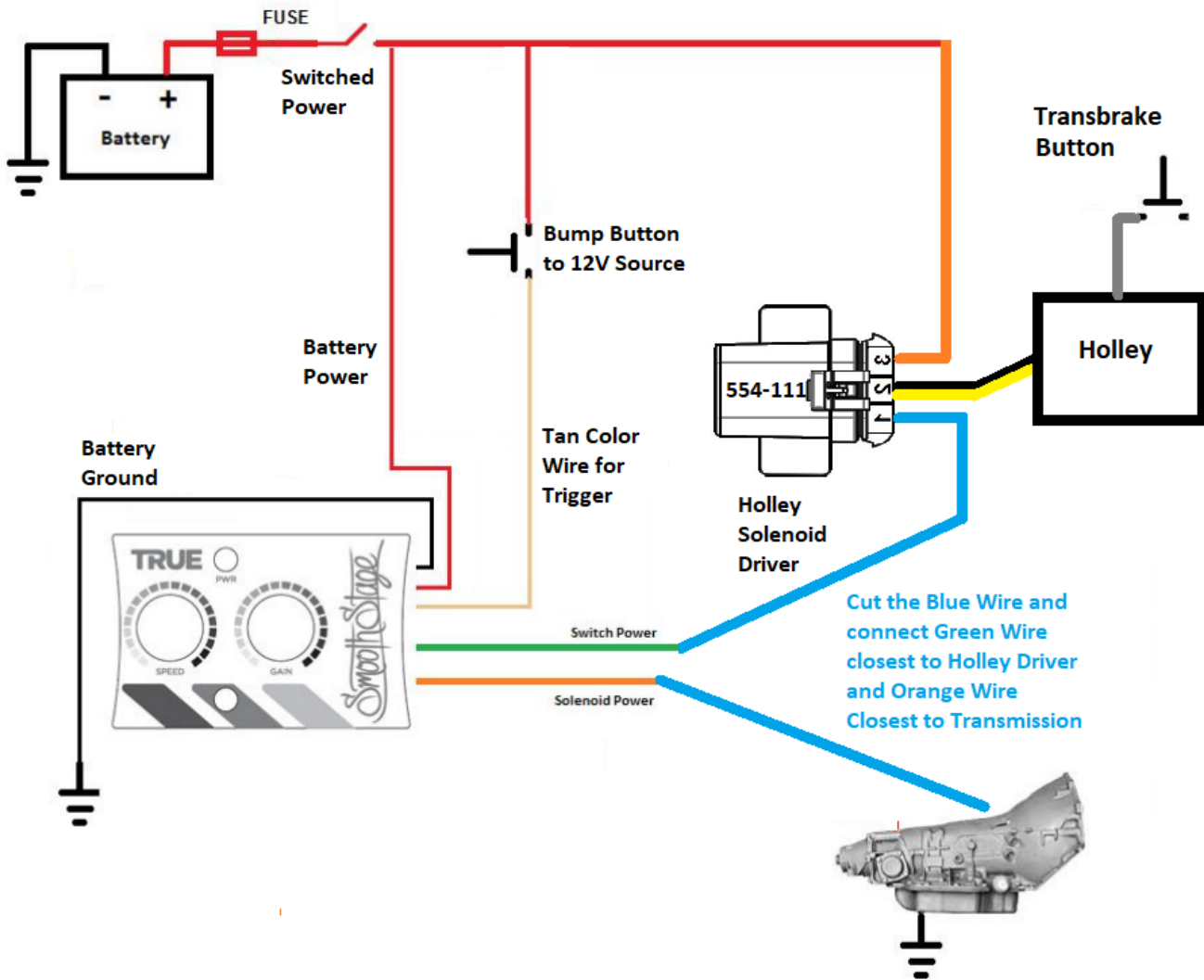


As with every build, each one is unique and while most setups can use our standard wiring diagram We understand that wiring can be complicated and not the easiest challenge to tackle. To help make wiring a little easier, below are some alternate wiring configurations that should help in installing the Smooth Stage.

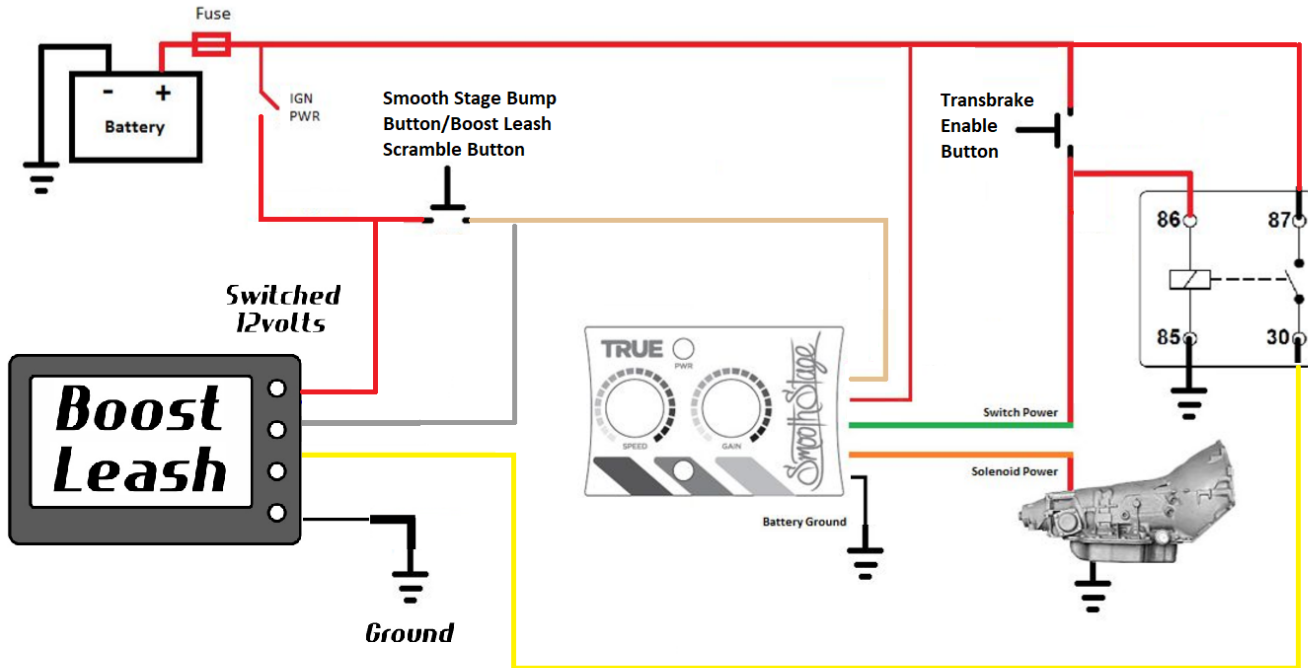
Holley ECU Integration

To overcome the unpredictable bumping or staging performance of the Holley ECU, an easy solution is to integrate the Smooth Stage into the system as shown below. This removes the need from getting your laptop out and hoping that you have the PWM duty cycle table dialed-in correctly to result in consistent staging performance. The Smooth Stage simplifies this complicated system with two easy to dial knobs.



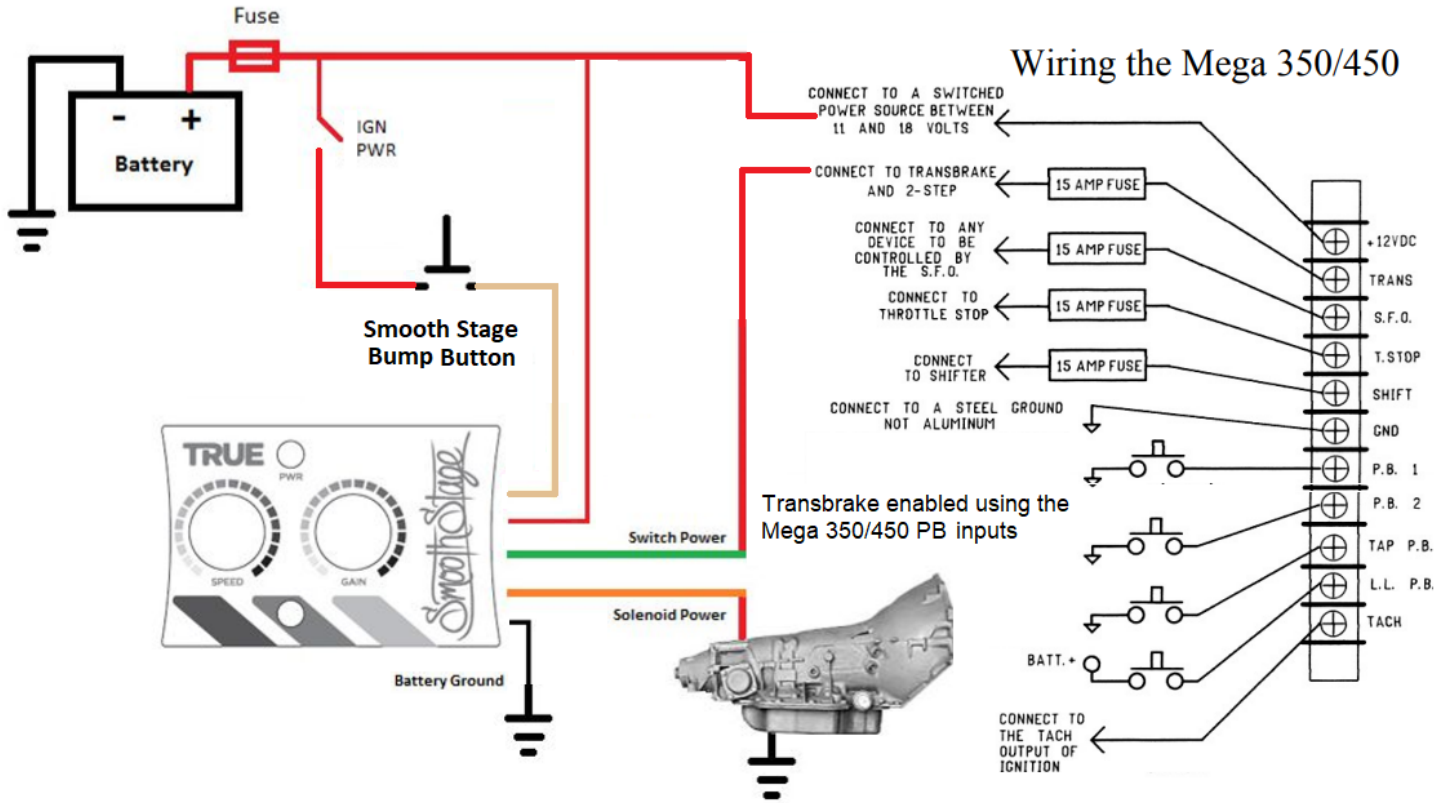
Boost Leash Integration

Many customers require a boost controller, and one of the products on the market is the Boost Leash. In addition to this product a staging solution is also required. The Smooth Stage is a popular choice for this integration as both products have shared inputs and the diagram below gives some guidance for wiring of the two systems. This is a simple choice for many customers due to how easy and consistent the Smooth Stage is for moving into the staging beams.



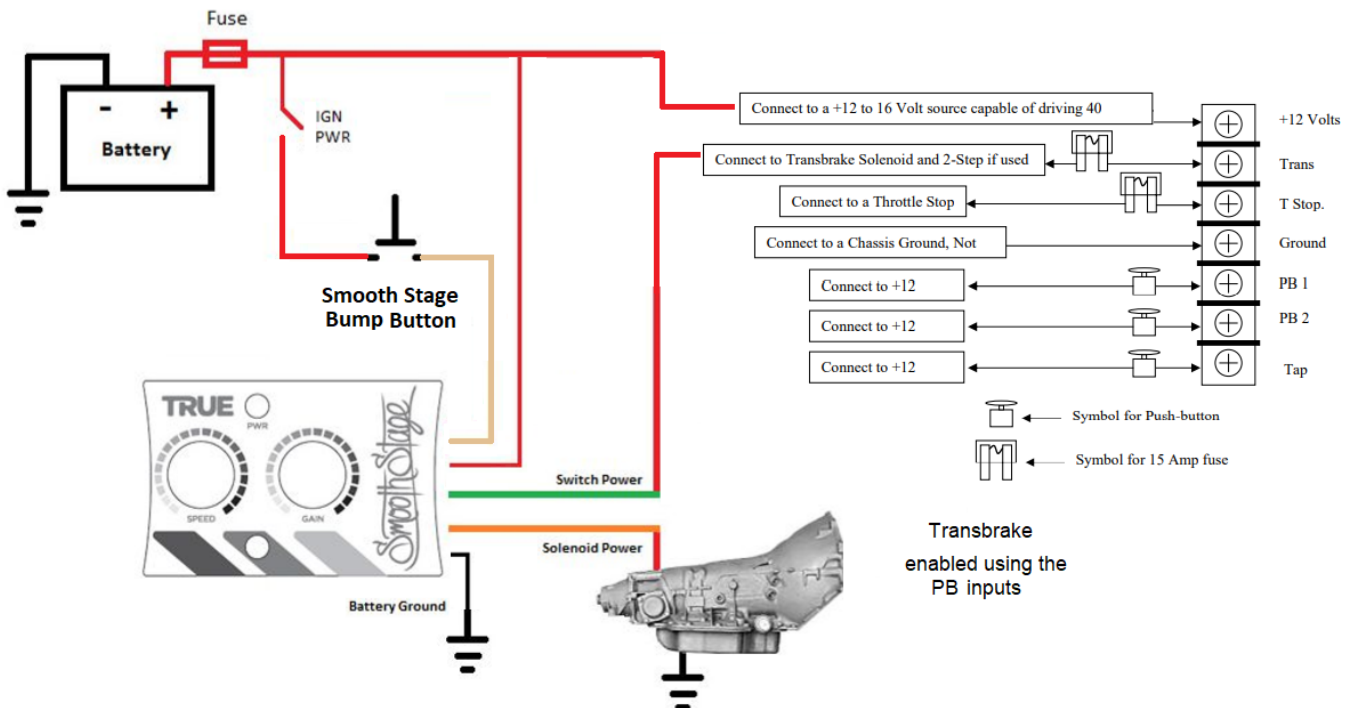
Mega 350/450 Delay box Integration

Run the Transbrake circuit through the Delay box.



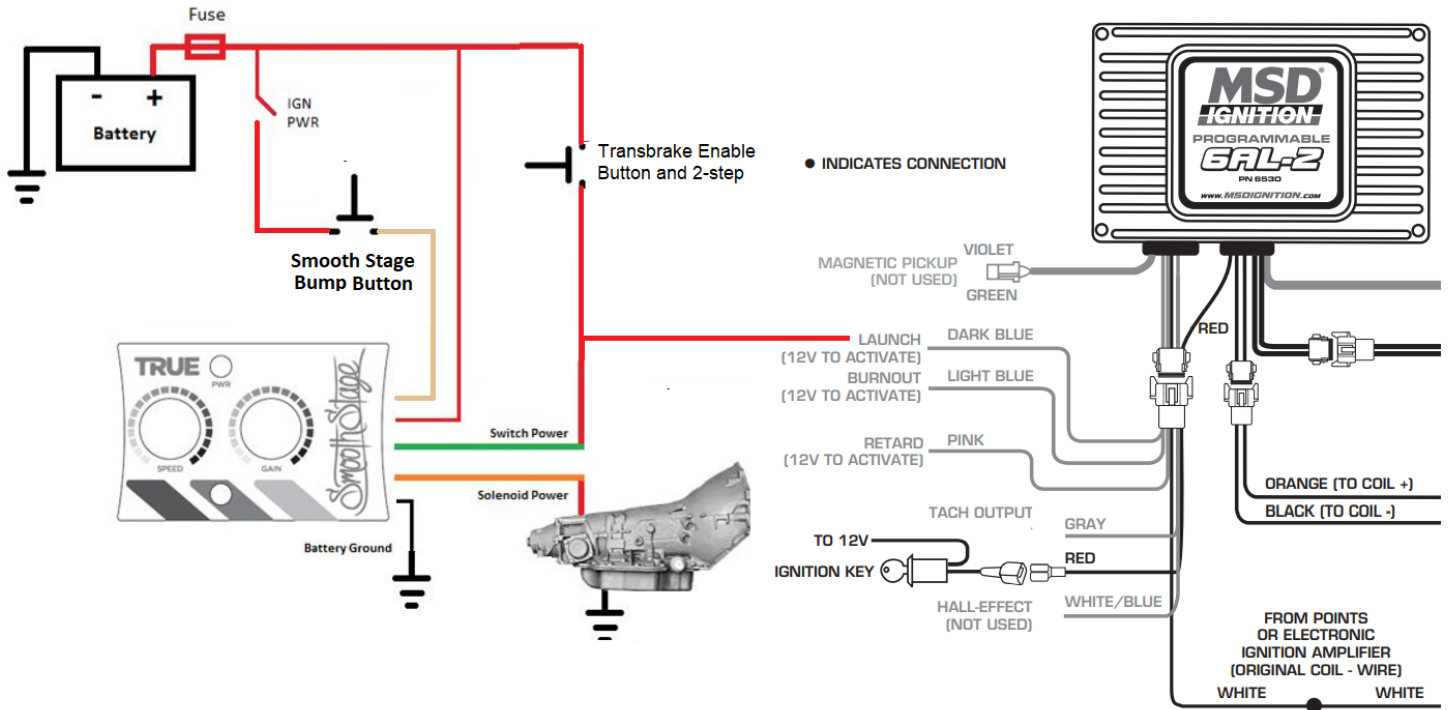
Elite 95 Delay Box

Run the Transbrake circuit through the Delay box



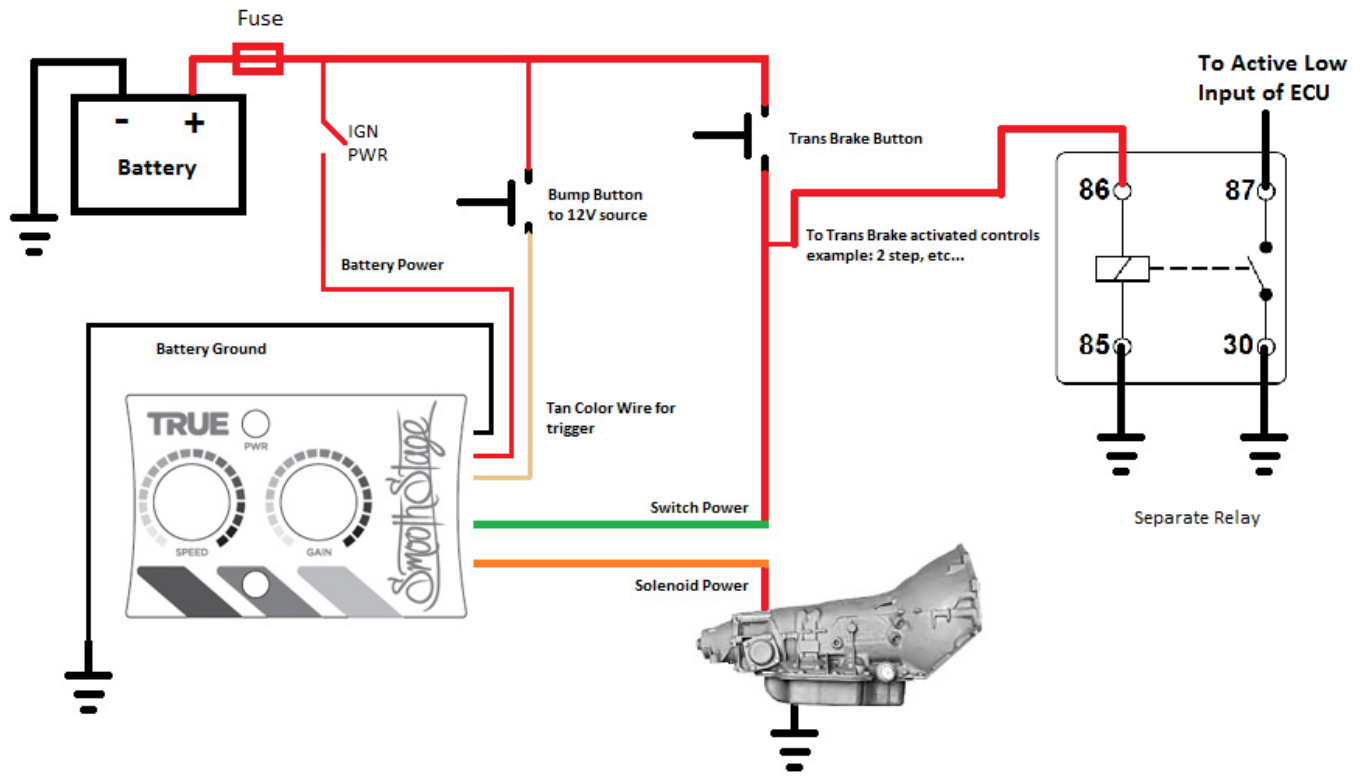
MSD Ignition Wiring

Connect the MSD Dark Blue Launch wire between the Transbrake Button and Solenoid. Ensure all electrical precautions from MSD are followed.



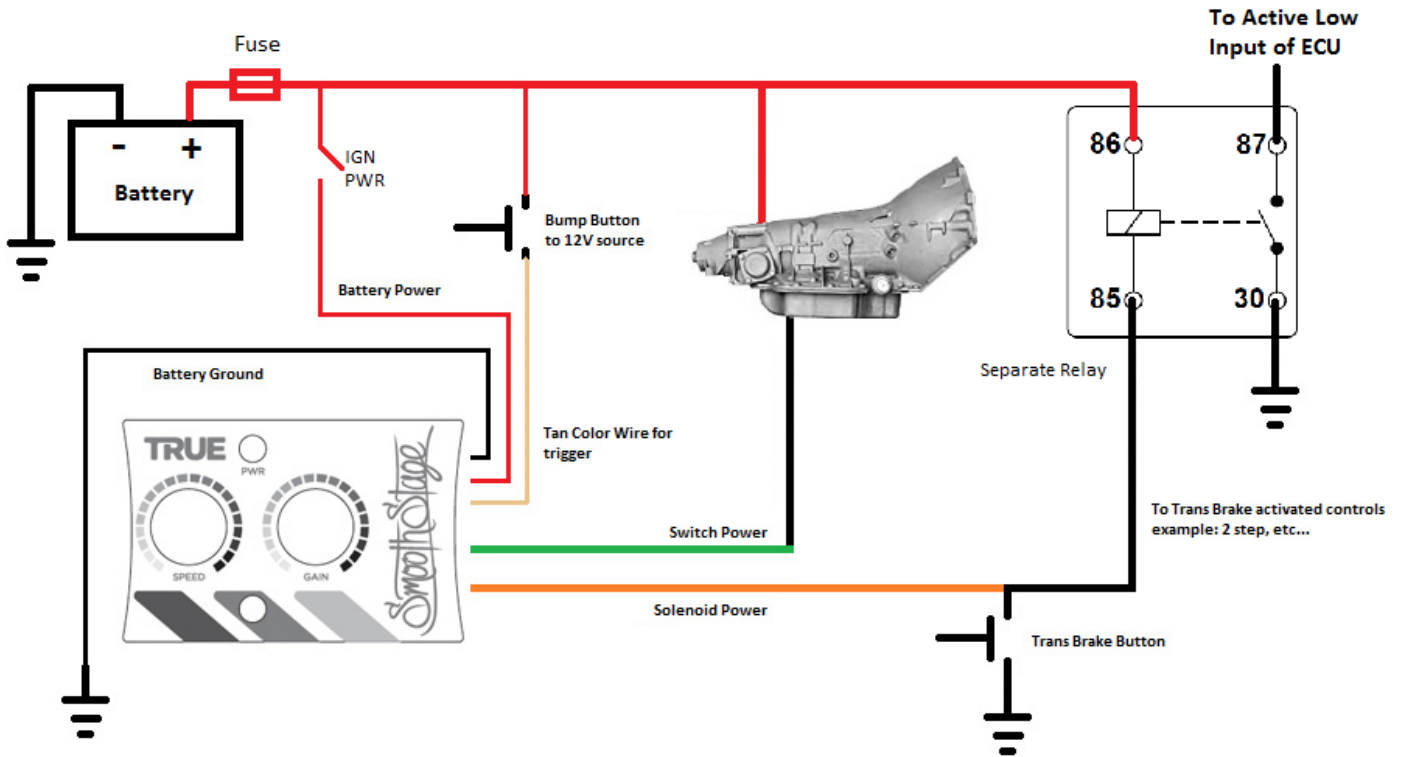
Alternate Diagram #1

Some ECU's require that the 2-step input be isolated from Transbrake Solenoid for back EMF voltages. Also, some 2-step inputs can only be ground triggered. To assist with both of those areas situations, an external relay can be added and wired as shown here:



Alternate Diagram #2

Some setups need the Smooth Stage to be placed on the ground side of the Transbrake Solenoid. For this type of setup, you can wire the Transbrake button and Smooth Stager per the diagram below.



Alternate Diagram #3

Some setups need to trigger the Smooth Stage and Transbrake with a Ground signal. This type of configuration requires a relay to help take the ground trigger and apply the correct voltage to the Smooth Stage Bump input.

