

High Current External Solenoid Driver	
<b>Part Number:</b>	53040007-02
<b>Description:</b>	<p>53040007-02 is an external, high current driver for use with the PE3 series ECU and other electronic controllers.</p> <p>The external driver is a low side switch controlled by a digital output from the controller. It can be used as an on/off switch or pulse width modulated to drive solenoids or DC motors.</p> <p>The maximum allowable current for the external driver is 60 amps resistive load. There is no internal protection for the driver.</p>
<b>Uses:</b>	The external driver can be used to control any on/off or pulse width modulated device that requires up to 60 amps nominal current such as nitrous solenoids, fuel solenoids, or water methanol pumps.

Connection Details	
<b>Red Wire</b>	+12V from the battery.
<b>Red/Blue Wire</b>	<p>If a DC motor is being driven: +12V side of the motor being driven</p> <p>If solenoids are being driven: this wire should remain disconnected</p>
<b>Black Wire</b>	<p>Battery ground</p> <p><b>Warning:</b> All of the current controlled by the external driver will be flowing through this black wire back to the battery. Make sure to connect to an appropriate ground using a suitable wire size.</p>
<b>Pink</b>	Digital output from the controller.
<b>Gray Wire</b>	Ground side of the device being controlled (i.e. nitrous solenoid). This is the control side to device.

