

## AN505– Application Note Digital Output Relay Kit & Harness P/N 99002013-01 Release Date 3/28/2019

Digital Output Relay kit & harness	
Description:	The Digital Output On/Off Relay kit is a pre-wired relay and fuse block to be used with PE3 ECU Series or Stock ECU. With 15 amps of max current capacity, controlling your cooling fan, fuel pump or water pump has never been easier.
Uses:	The Digital Output Relay kit can be used to control most On/Off devices. See examples below:  • Cooling fans
	<ul><li>Fuel pumps</li><li>Water pumps</li><li>Other DC motors</li></ul>



Example	PE3 Monitor Configuration
Fuel Pump Control	Digital Output#1 (DO # 1)
<ul> <li>Fuel pump is set to prime for 6 seconds when power is applied to PE3 ECU.</li> <li>Fuel pump will be active only when RPM is detected.</li> </ul>	Configure In: - Engine - Setup Engine - Fuel
Stock ECU – Relay ON when ground is applied to Orange/Blue 20ga wire	

Wire Color	Connection Details	
Orange/Blue 20ga	Available PE3 Digital Output or Stock ECU Fuel Pump Control	
Red 14ga	Battery Positive	
Yellow 14ga	(+) Positive side of device being controlled.	

For Technical assistance, please email PE at <a href="mailto:Support@pe-ltd.com">Support@pe-ltd.com</a>