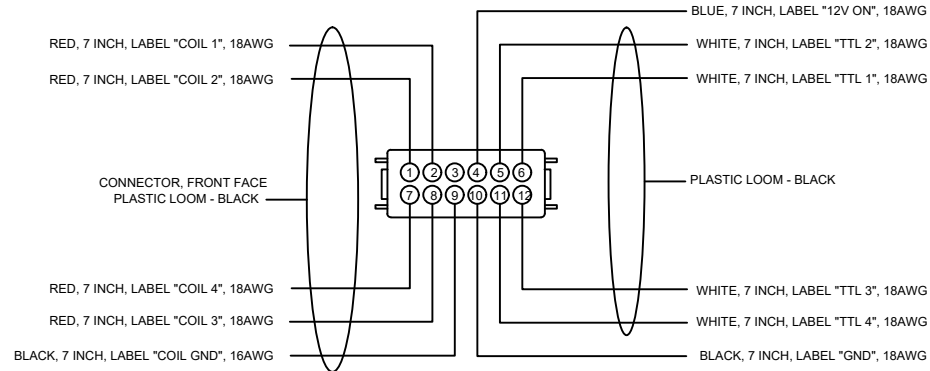
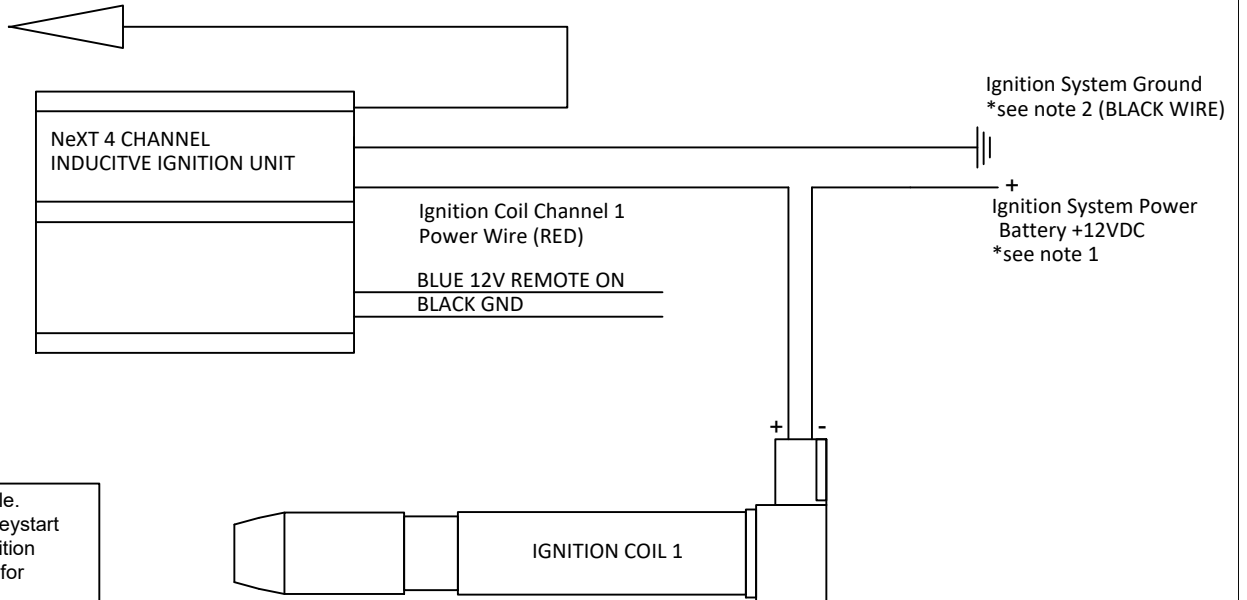


Setup shows wiring for one channel. Use same configuration for remaining channels.



Channel 1 ECU TTL Output *see note 3



IMPORTANT!!!!

* Do not power on ignitor without ECU TTL wires being wired in or damage may result. Inputs should not be floating. Ground any unused channels. (WHITE WIRES)

NOTE

* Mission Systems NeXT igniter was developed in house for NASA's rocket thruster program for high output and low noise and includes a full limited lifetime warranty.

NOTE 1 - Connect to battery post or alternator power cable. Wire in 40 amp relay to switch ignition energy on during keystack (+12V POWER). This wire connects ALL power to the ignition coils and is also where PowerCELL should be connected for high output situations.

NOTE 2 - Use engine, chassis or negative battery post for ground point. When not grounding to battery be sure that heavy gauge wire is used to ground engine and chassis to negative battery post. The head of the engine is preferred.

NOTE 3 - Square Wave line Input required with voltage of 2.8 - 12 volts DC. Ignitor fires on falling edge trigger and charges based on duty cycle of the period.

Typical dwell time for Coil On Plug units is 1.8 and 3.2 for typical ignition coils. Contact Mission Systems for dwell times.

NeXT Gen
IGNITOR
WIRING

MISSION IGNITION SYSTEMS

Revision B