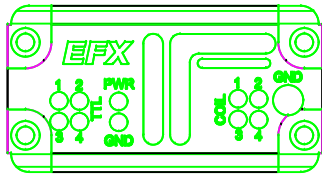


Setup shows wiring for one channel. Use same configuration for remaining channels.

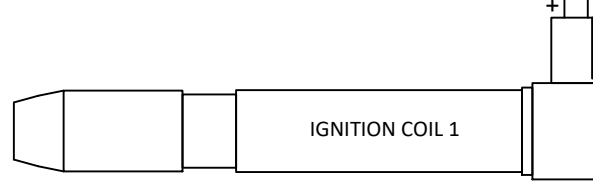
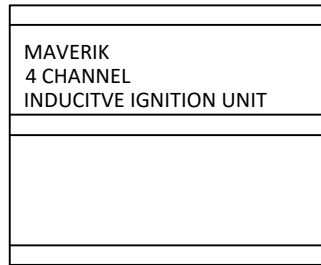
Channel 1 ECU TTL Output \*see note 3



TTL 1-4 - cylinder 1 to 4 ECU input

COIL 1-4 - cylinder 1 to 4 output

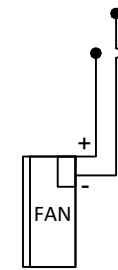
GND - black stripe 12 awg ground



Ignition System Ground  
\*see note 2 ( ALL BLACK WIRES)

Ignition System Power. Battery  
+12VDC  
\*see note 1

TWISTED RED AND BLACK  
IS FAN UNIT POWER  
Red - +12VDC  
Black - GROUND



NOTE 1 - Connect to battery post or alternator power cable. Wire in 40 amp relay to switch ignition energy on during keystart. This wire connects ALL power to the ignition coils and is also where the ACE Power Bank should be connected for high output situations.

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

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 WeaponX for dwell times.

**TAKAI  
IGNITOR  
WIRING**

MISSION IGNITION SYSTEMS

Revision B