



## Crane Ignition Box Instructions Part #1082033

These instructions are specific for our Crane ignition kits being installed on a 22RE or 3VZ (fuel injected only) vehicle. These are Crane's basic magnetic trigger hook-up instructions with some minor modifications to make them more specific for your Toyota 22RE or 3VZ.

### Wiring Instructions: For TOYOTA 4 Cylinder And 6 Cylinder

#### GROUND

Connect the heavy black HI-6S wire directly to chassis ground. Use the supplied 3/8" ring terminal.

#### POWER, COIL

Identify STOCK Coil- and Coil+. If you are unsure, refer to your vehicle wiring diagram or use the following procedure. Label and then disconnect OE wires from the coil. Turn the ignition switch on. Use a 12 volt test light or voltmeter. The wire from the ignition switch to Coil+ will be hot. Cut the wires from the coil and connect to the HI-6S adapter harness as shown. All OE wiring to the coil must be interrupted and routed through the HI-6S adapter harness.

#### CYLINDER SELECT

The blue wire is used to program the rev limiter and retard feature for the correct number of cylinders as shown in diagram. For 4 cylinder engines, connect the wire to the red switched +12 volt wire with a 3M splice. For 6 cylinder engines, connect the wire to ground with a 1/4" ring terminal.

#### DIGITAL INPUT

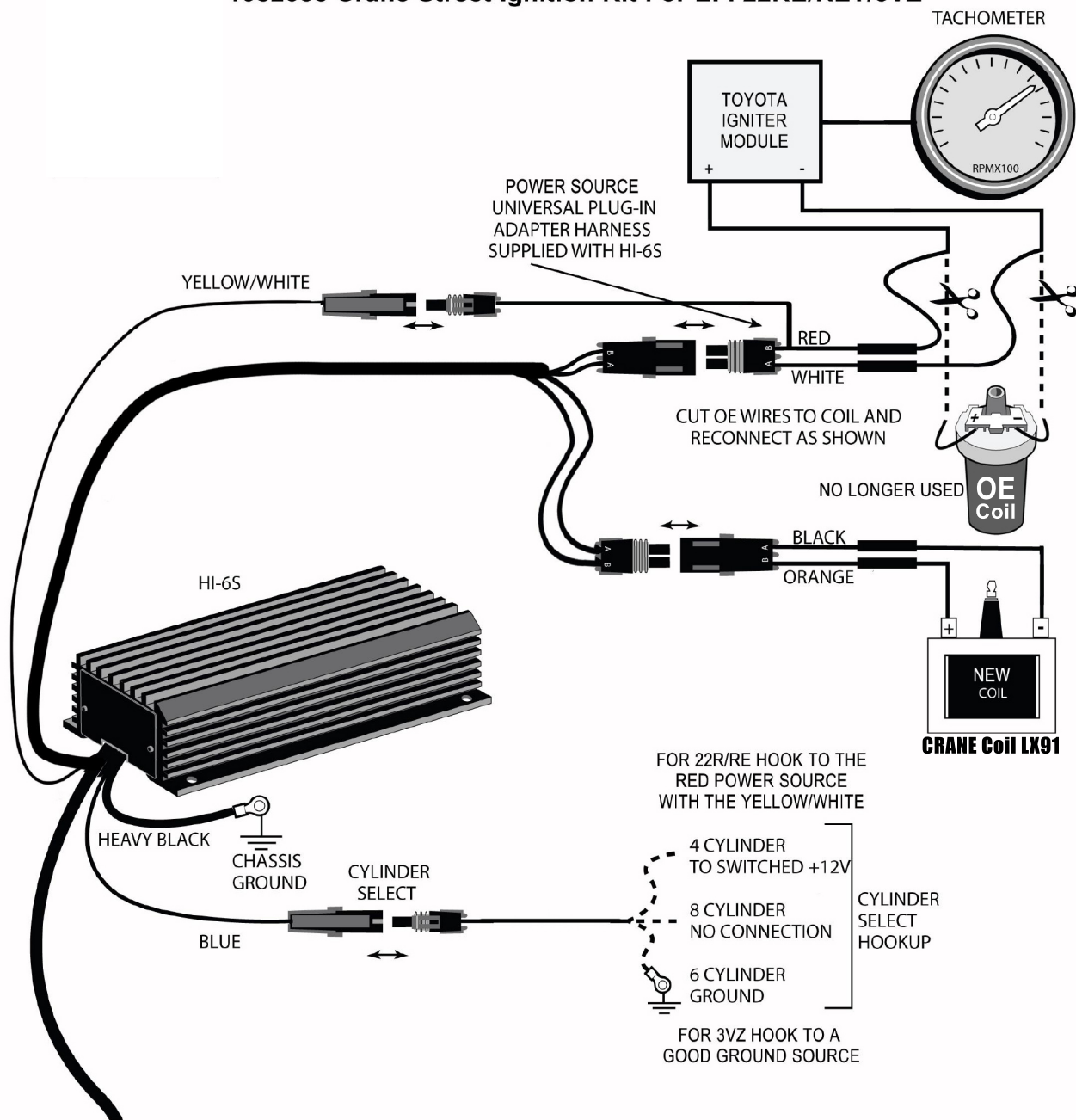
The yellow/white wire used to activate retard and rev limit functions. In this application we hook the yellow/white wire to +12 volt to activate the rev limiter function. This can be connected to the red power the same lead as we hook up the blue wire for cylinder select on 22R/RE. OPTIONAL In some applications, the digital input is connected to a switch that also controls a line lock or transmission brake solenoid.

#### MAPSENSOR

This is optional and is only needed for boosted applications. See Crane instructions for more information

**\*\*\* See the wiring diagram on the back page \*\*\***

## 1082033 Crane Street Ignition Kit For EFI 22RE/RET/3VZ



OPTIONAL FOR ENGINES RUNNING BOOST

