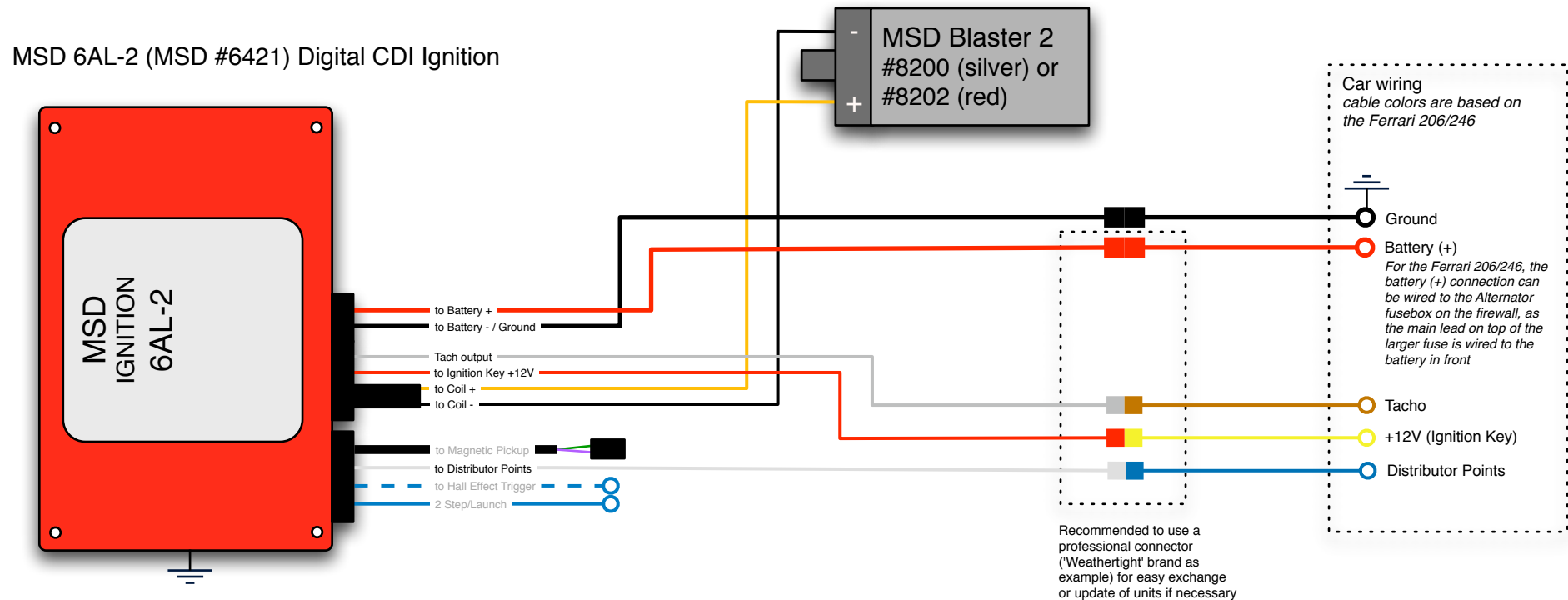


MSD 6AL-2 replacement for Ferrari & Flat Dino
V 1.2 info@dinoplex.org 01/2009, www.dinoplex.org



MSD 6AL-2 Wiring

- Heavy Red: Battery (+)
- Heavy Black: Battery (-) / Ground
- Grey: Tacho Output
- Red: from Ignition Key +12V
- Orange: to Coil (+)
- Black: to Coil (-)
- Green/Violet: from Magnetic Pickup (unused)
- White: from distributor points contact
- Blue/White: from Hall Effect Trigger (unused)
- Blue: 2 Step/Launch Control (unused)

The MSD 6AL-2 is a digital controlled multi discharge ignition controller. It uses the same 'CDI' capacitive discharge principle as the Dinoplex but issues a sequence of ignition discharges up to 3000 RPM to aid better combustion and avoid plug fouling in lower RPMs.

Due to the high secondary discharge voltage, spiral wound (MSD Heli-Core, NGK Reactance) ignition cables have to be used. The outer cable diameter should be not less than 8 mm, take care to keep a distance of at least 1-2 cm between cables to avoid 'crosstalk' leading to unwanted ignitions (which can lead to knocking). Wire separators such as MSD 8842 or 8845 are helpful.

Spark Plugs:

For the Dino 2.0L/2.4L engine, NGK BPR8ES with a gap of ~1,0-1,2mm are recommended.