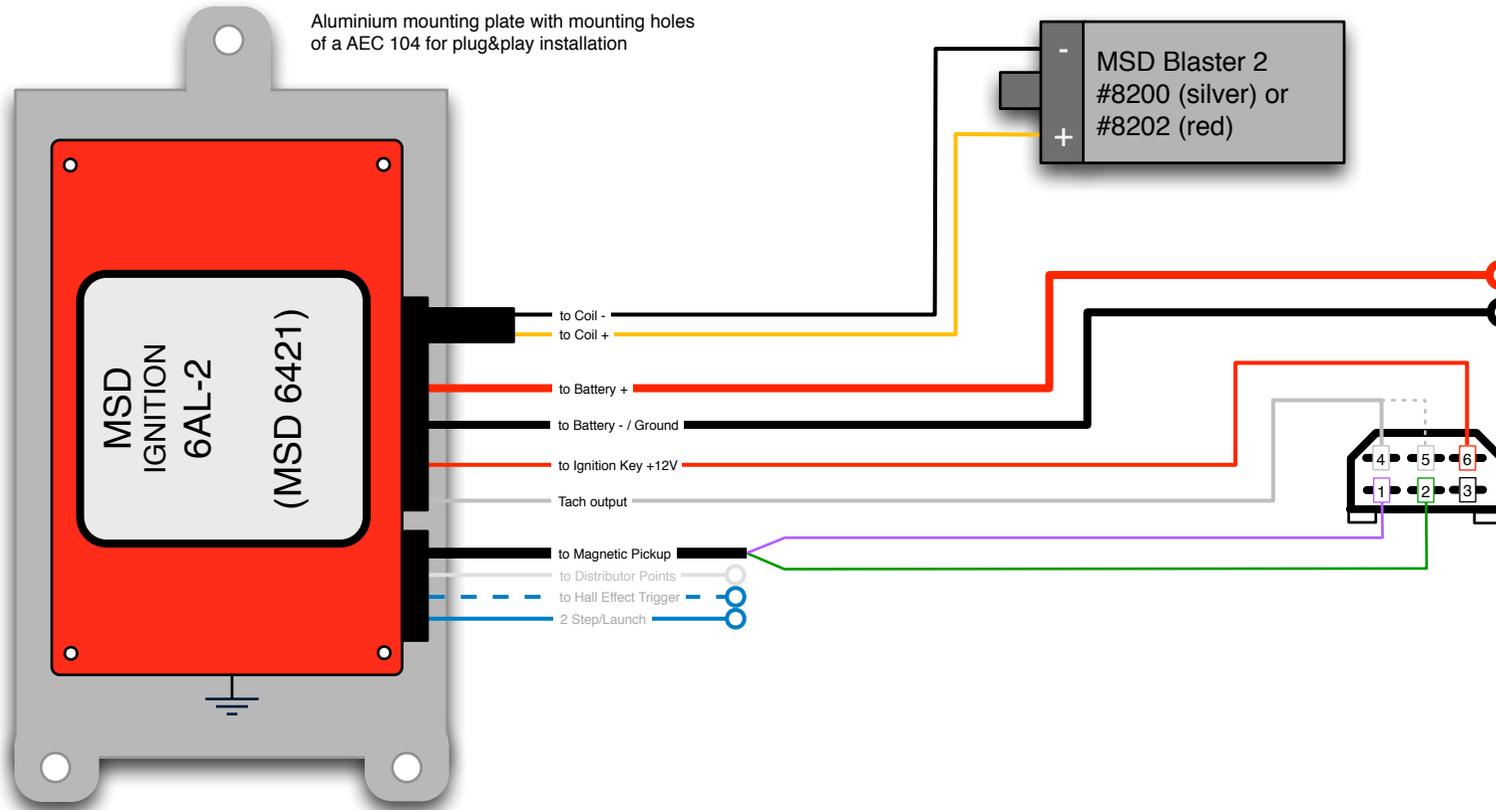


MSD 6AL-2 (#6421) replacement for a Marelli Magneti AEC 104BK or AEC 104B-660/780 with Magnetic Trigger
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Wiring of the Tach output cable (grey)

For replacing a AEC104BK, wire the tach output wire to connector terminal 4.
 For replacing a AEC104B-660/780, wire the tach output to terminal 5 except for the Lamborghini Countach, where the tach output is wired to terminal 4.

Connect heavy red cable to battery (+) and heavy black cable to battery (-) or ground

Fastin-Faston 250, 6 pin male connector
BACK VIEW OF CONNECTOR

Use an AMP Fastin-Faston 6 pin male connector, this type can be plugged directly into the female connector of the car wiring.

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: Magnetic Pickup
- White: Distributor points (unused)
- Blue/White: Hall Effect Trigger (unused)
- Blue: 2 Step/Launch Control (unused)

This chart illustrates the wiring for using a MSD 6AL-2 as a replacement for a defective Magneti Marelli AEC 104BK or AEC104B-660/780. The wiring applies to cars with a magnetic distributor pickup, such as the Ferrari 512BB/BBi, 400i and Lamborghini Countach.

The MSD 6AL-2 is a digitally controlled multiple discharge ignition controller. It uses the same CDI capacitive discharge principle as the AEC104B but issues a sequence of ignition discharges up to 3000 RPM to aid better combustion and avoid plug fouling in lower RPMs.

The build in rpm limiter of the MSD 6AL-2 supports a setting for 4, 6 or 8 cylinder engines only. For 12 cylinder engines multiply the desired 12 cyl RPM limit with 1.5 to get the 8 cylinder limit for the MSD:
 A desired rev limit of 6600 RPM @12 cyl equals a 9900 RPM @8 cyl setting to replace a AEC104B-660.
 A desired rev limit of 7800 RPM @12 cyl equals a 11700 RPM @8 cyl setting to replace a AEC104B-780.