



P/N 556-104 IGNITION COIL



P/N 556-104 is a replacement coil for Holley EFI waste-fire distributorless ignition systems (DIS). A connector and pins are provided, if necessary.

The coil is wired as follows:

<u>Pin</u>	<u>Description</u>
A	Ground to a “good” engine or chassis ground.
B	Ground to a “clean” ECU ground. On Holley HP and Dominator ECU’s, this would be Pin B14.
C	5V ECU coil trigger - this is the trigger signal from the ECU. The ECU must provide a 5V trigger. See the Holley DIS manual for proper wiring to Holley HP and Dominator ECU’s.
D	Connect directly to the battery +12V post. Use a 20A fuse between the coils and battery.

For proper spark plug wire routing, see the Holley DIS manual.

NOTE: The coil in this package requires a different dwell time than early Holley DIS coils for optimal coil output. Newer coils are rev C or higher and have the recommended dwell setting printed on the label located on the base, typically 2.4 milliseconds. Older coils do not list their revision and do not have a recommended dwell setting printed on the label. They should be set to a dwell time of 1.8 msec. Maximum dwell time on this later coil should never exceed 3.0 milliseconds (3.0 msec is only recommended if needed on very high cylinder pressure applications) or coil damage will occur.

If using this coil, it is advised to **NOT** use the canned ignition types “Holley DIS, 60-2 Wheel, HE Cam Sync” or “Holley DIS, 60-2 Wheel, No Cam Sync”. The Ignition Type should be set to “Custom” so that the dwell is not defaulted to 1.8 msec, and the following setup used (which is the same as the canned settings other than the dwell):

Crank Sensor

Type – 60-2

Sensor Type – Digital Falling

Inductive Delay – Start at 1 and modify as needed. Note that 1 was the value in the canned settings, and increasing this can increase high RPM timing by 1-2 degrees from previous values.

Timing Offset – 0 (modify to sync timing if needed)

TDC Tooth Number – 11

Cam Sensor (if used)

Type – Single Pulse

Sensor Type – Digital Falling

Output Setup

Type – DIS Waste Fire

Dwell Time – 2.4 msec

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