



# INSTALLATION INSTRUCTIONS

## Universal Cam Sync Generator PN 8916 For MSD DIS Ignitions with a Cam Sync Input

### Parts Included:

1 – Cam Sync Generator, PN 8916

1 – Parts Bag

The Universal DIS Cam Sync Generator will produce a sync signal for the following MSD Ignition components; Programmable DIS-2, PN 6212, Multi-Channel Controllers, PN 6562 and PN 6563. It can also be used with the FDP line of Programmable Ignition Controls.

The Cam Sync Generator will produce a cam sync signal by detecting when the number one cylinder is under compression. This is done through its signal wire which is wrapped around the designated spark plug wire.

<b>WIRING</b>	
<b>RED</b>	On/Off wire. Connect into the DIS Ignition small Red wire.
<b>BLACK</b>	Ground. Connect to the ECM ground chassis.
<b>WHITE</b>	This wire has a Y-splice on it so it can easily be connected inline on the White wire of the DIS Ignition Control.
<b>2-PIN CONNECTOR LT. BLUE LT. GREEN</b>	Cam sync output to the MSD controller. Connects to the matching 2-pin connector and wiring.
<b>BROWN</b>	Signal sensing wire. Loop around the number one spark plug wire.
<b>LED</b>	
There is an LED on the side of the generator which signals three different conditions.	
LED STATUS	CONDITION
<b>ON</b>	Indicates that a cam sync signal has been acquired and the Generator is providing an output signal to the MSD Control.
<b>OFF</b>	If the LED is off while the engine is running, this means that the Generator acquired the cam sync signal but has lost it. Since it already sensed the signal, it will continue providing a sync signal output until the engine is turned Off.
<b>FLASHING</b>	The LED will flash when it receives a trigger signal from the ignition but does not sense a cam sync signal.

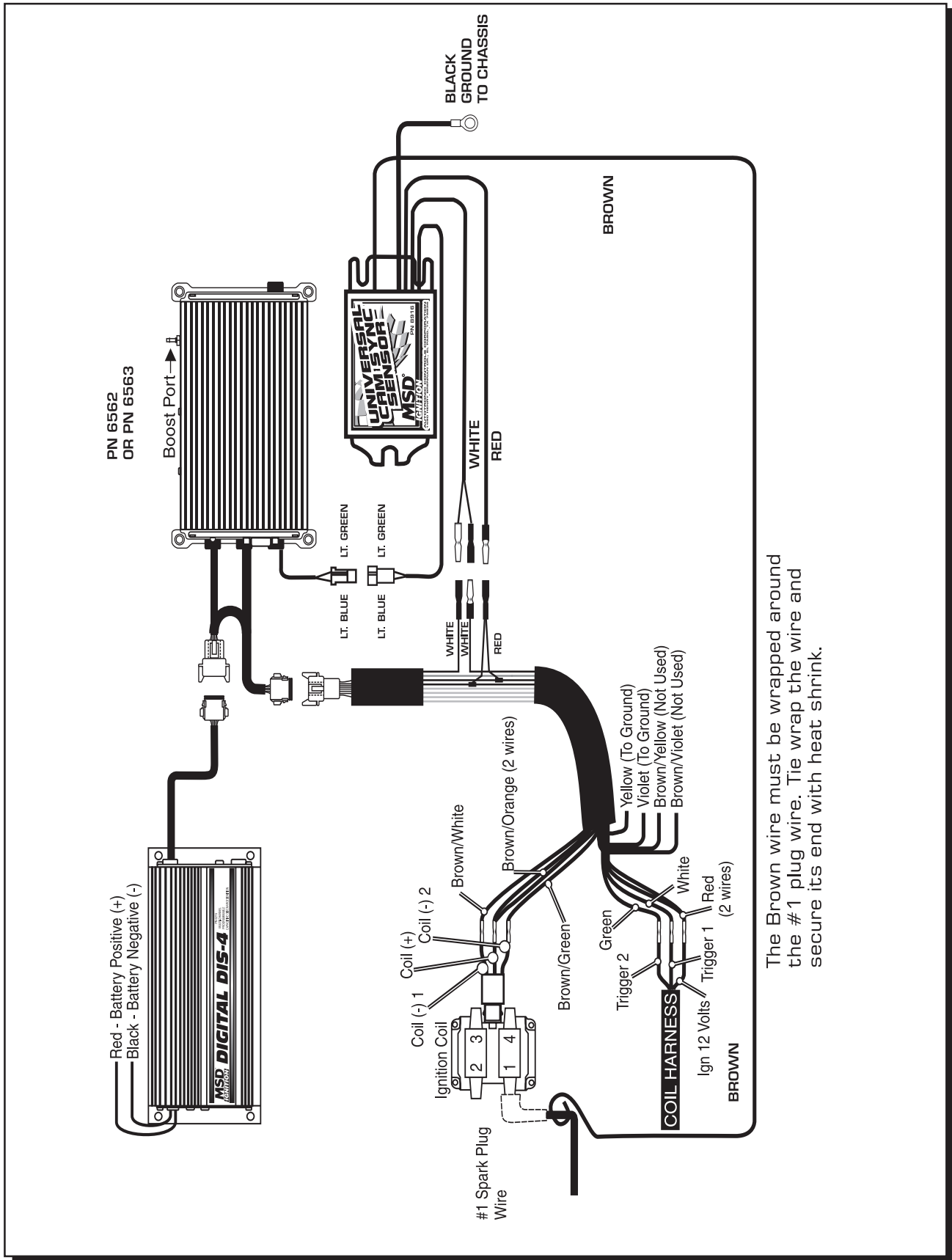


Figure 1 Wiring to an MSD DIS-4 and the Multi-Channel Controller.

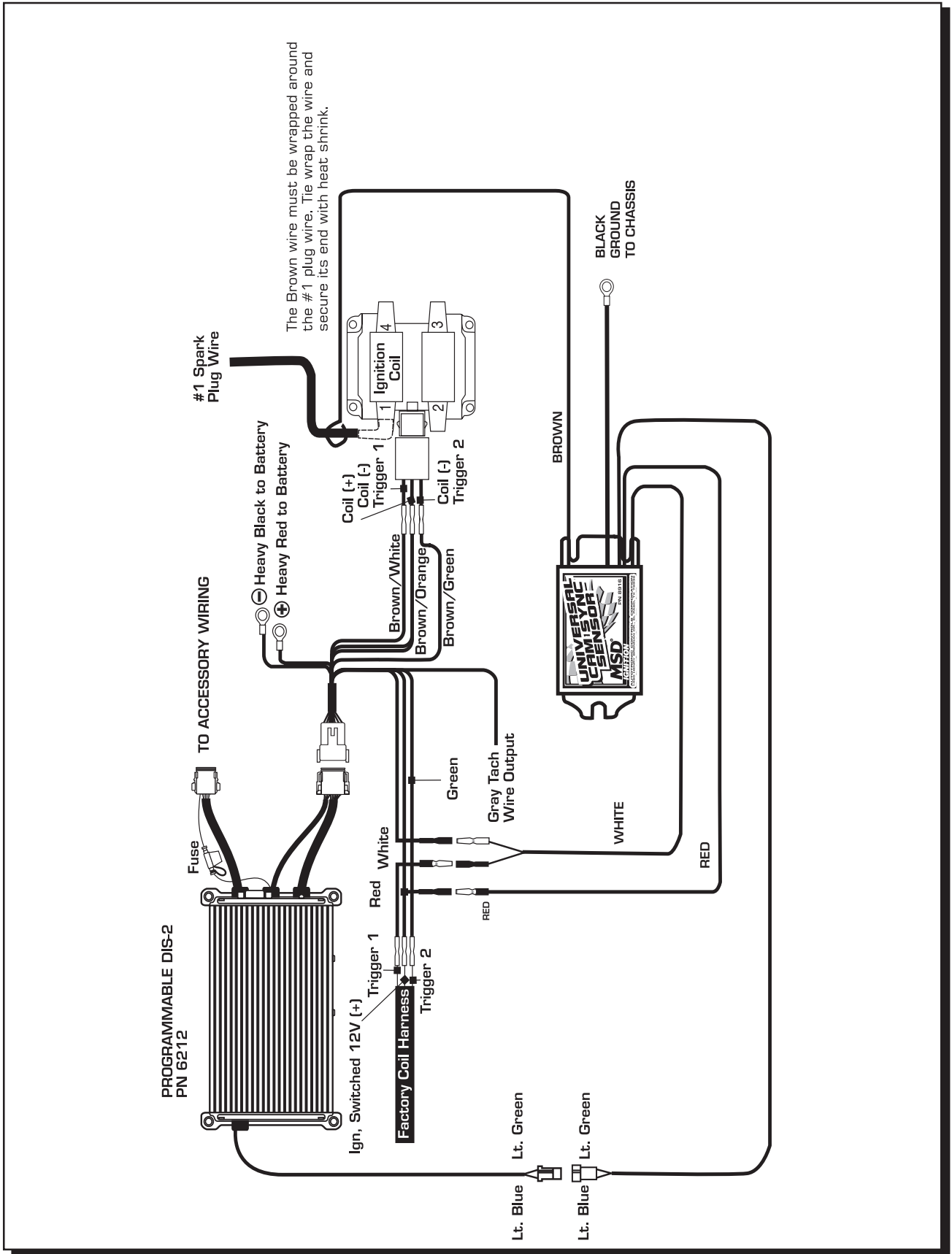


Figure 2 Wiring to an MSD Programmable DIS-2.

