

Holley® SNIPER EFI 2

SNIPER 2 EFI POWER DISTRIBUTION MODULE INSTALLATION INSTRUCTIONS

SNIPER 2 EFI POWER DISTRIBUTION MODULE (PDM)

OVERVIEW

The Sniper Power Distribution Module (PDM) was designed to simplify powering the installation of your system in a compact package that is rugged and reliable. The simple connections and no need for configuration make for an easy and quick installation. The PDM's diagnostic LEDs will provide an alert if a short is detected.



MOUNTING

The PDM's compact and sealed design can be mounted under the hood in a location not exposed to direct heat sources, such as the exhaust system. Use the supplied mounting hardware to secure the PDM into place.

INSTALLATION

The PDM provides Power, Ground, and Switched Connections for many components within a system on a vehicle such as the Throttle Body, Fuel pump, Ignition module, and Fan (Optional).

On the PDM lid, you'll find a diagram that details all power, input and output locations along with the LED functions.

NOTE: The Sniper PDM will have 100 mA or less draw when connected to the battery, and it is recommended for cars that sit for longer periods of time before being driven, to use a trickle charger while sitting.

BATTERY

Install the Battery (+) and Battery (-) wires to the heavy-duty Wire Lugs on the PDM.

NOTE: Always disconnect the Battery Negative (-) terminal first and attach it last.

KEYED IGNITION

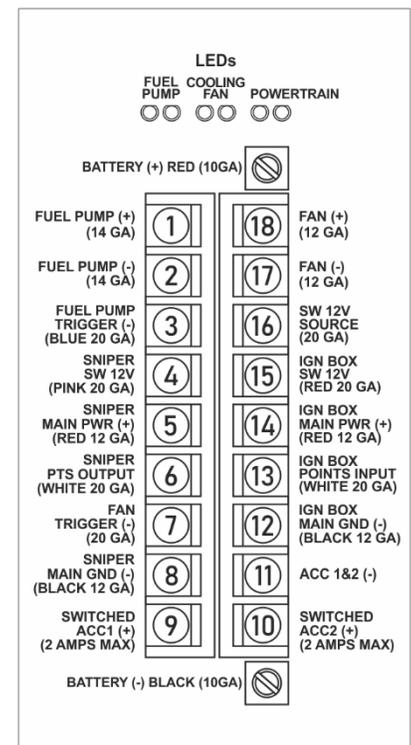
Install the keyed ignition wire on terminal 16.

CDI IGNITION

Connect the CDI Ignition Main Power (+), Main Ground (-), Switched 12V, and Points to their corresponding locations.

FAN & FUEL PUMP

Review the install drawing on pages 2 and 3 for a typical installation of the Sniper 2 system using a Fuel Pump and Fan.



**SNIPER 2
MAIN HARNESS
FOR PDM**
PN # 558-190

FUEL PUMP

LED LIGHT KEY
GUIDE TO 6 LEDS ON POWER DISTRIBUTION MODULE



FAN
PN # 30102049



IGNITION KEY



HYPERSPARK IGNITION
PN # 556-151
OR
PN # 556-154



**HYPERSPARK
COIL**

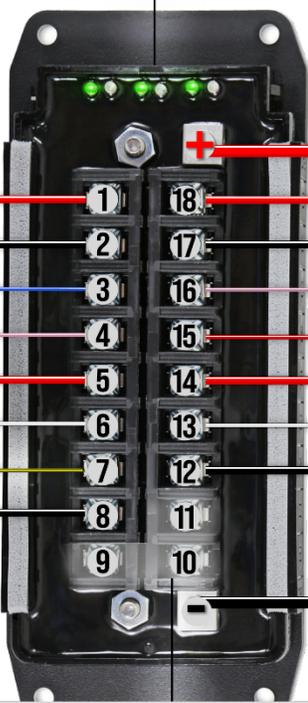


**HYPERSPARK
CANNISTER
COIL**



BATTERY

- 14 GA RED - FUEL PUMP (+)
- 14 GA BLACK - FUEL PUMP (-)
- 20 GA BLUE - FUEL PUMP TRIGGER (-)
- 20 GA PINK - SNIPER SW 12V (+)
- 12 GA RED - SNIPER MAIN POWER (+)
- 20 GA WHITE - SNIPER POINTS OUTPUT
- 20 GA BLACK & YELLOW - FAN TRIGGER (-)
- 12 GA BLACK - SNIPER MAIN GROUND (-)



- 10 GA RED - BATTERY (+)
- 12 GA RED - FAN (+)
- 12 GA BLACK - FAN (-)
- 20 GA PINK - SWITCHED 12V SOURCE (IGNITION SWITCH)
- 20 GA RED - IGNITION BOX SWITCHED 12V
- 12 GA RED - IGNITION BOX MAIN POWER (+)
- 20 GA WHITE - IGNITION BOX POINTS INPUT
- 12 GA BLACK - IGNITION BOX MAIN GROUND (-)

10 GA BLACK - BATTERY (-)

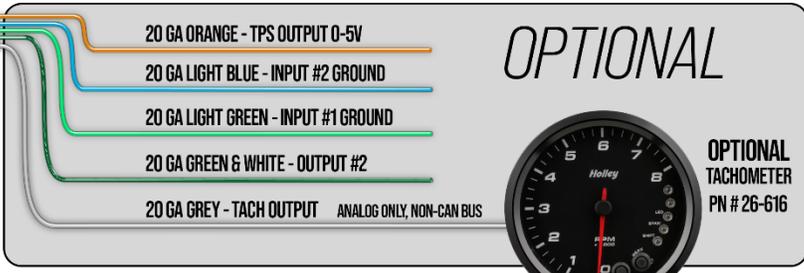
SNIPER 2 PDM
(POWER DISTRIBUTION MODULE)
PN # 554-200

9, 10, 11
SWITCH ACCESSORY (+) TRIGGERS & GROUND (OPTIONAL)

- 9 PROVIDES 2 AMP (+) TRIGGER FOR PIN 86 (5 PIN RELAY)
- 10 PROVIDES 2 AMP (+) TRIGGER FOR PIN 86 (5 PIN RELAY)
- 11 PROVIDES GROUND FOR ACCESSORIES ON 9 & 10 PIN 85 (5 PIN RELAY)

**IN/OUT (I/O)
HARNESS**
PN # 558-497

BLACK & YELLOW - OUTPUT #1 GROUND



LED DIAGNOSTIC

The PDM's diagnostic LEDs will assist in troubleshooting faults of the Fuel Pump, Cooling Fan and Powertrain outputs.

Use the table below and diagrams for troubleshooting.

LED	COLOR	FUNCTION	STATUS	DESCRIPTION
1	● GREEN	FUEL PUMP	ACTIVATED	OPERATIONAL
2	● RED		FAILED	SHORT ON OUTPUT WIRE
3	● GREEN	COOLING FAN	ACTIVATED	OPERATIONAL
4	● RED		FAILED	SHORT ON OUTPUT WIRE
5	● GREEN	POWERTRAIN	ACTIVATED	OPERATIONAL
6	● RED		FAILED	SHORT ON OUTPUT WIRE

TECHNICAL SPECIFICATIONS

OUTPUT	SWITCHED 12V SOURCE OFF	SWITCHED 12V SOURCE ON
POWERTRAIN	5 AMPS	15 AMPS
FAN	N/A	25 AMPS
FUEL PUMP	N/A	25 AMPS

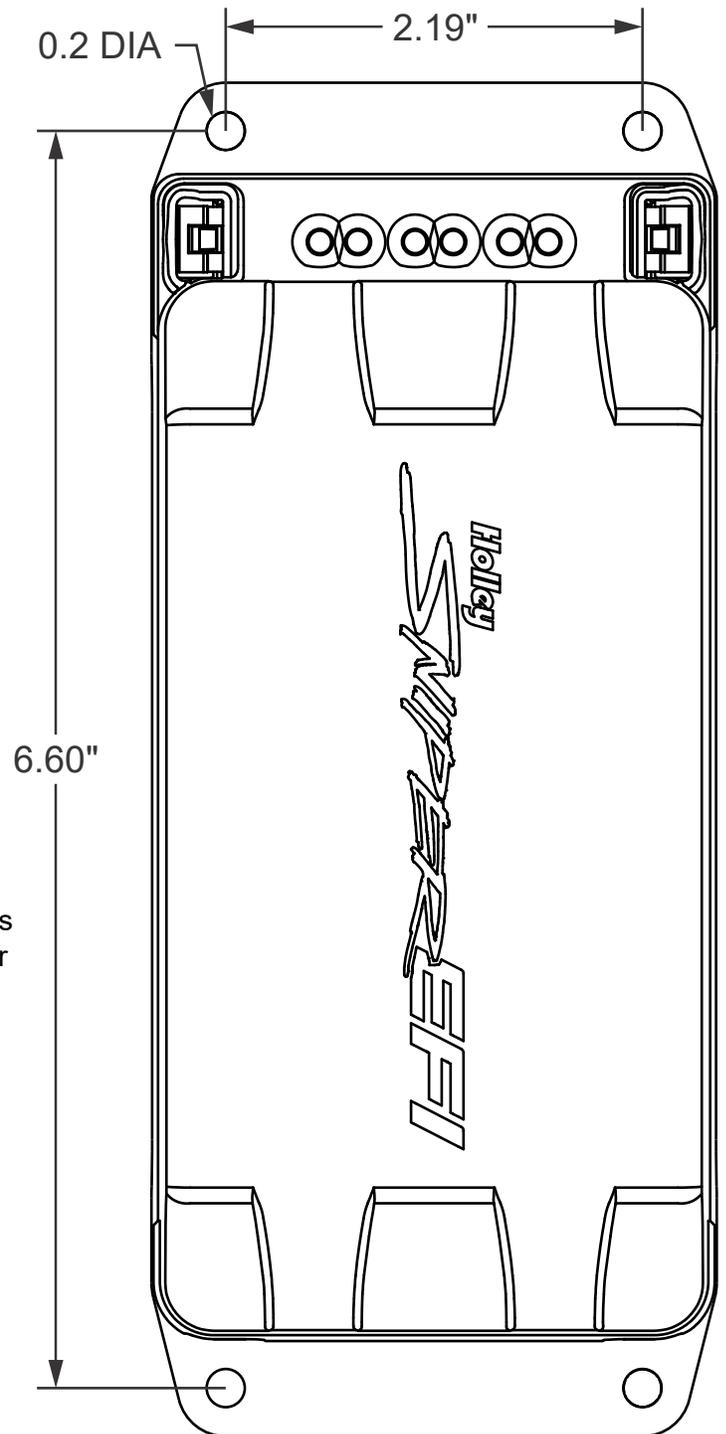


Scan with
Smart Phone

Should you experience any problems or need parts assistance, contact our technical service department at 1-866-464-6553 or log on to the website for a database of technical information and online support.

For complete technical resources regarding Sniper 2 EFI Ecosystem, please visit:

<https://www.holley.com/sniper2tech>



© 2023 Holley Performance Products, Inc. All Rights Reserved.

FRM36866
Revision Date: 7/31/2023