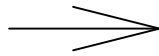


WIRE
ENTRY
DIRECTION

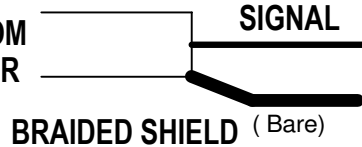


+12V POWER
(Red)

LED PLUS
(Yellow)

LED MINUS
(Green)

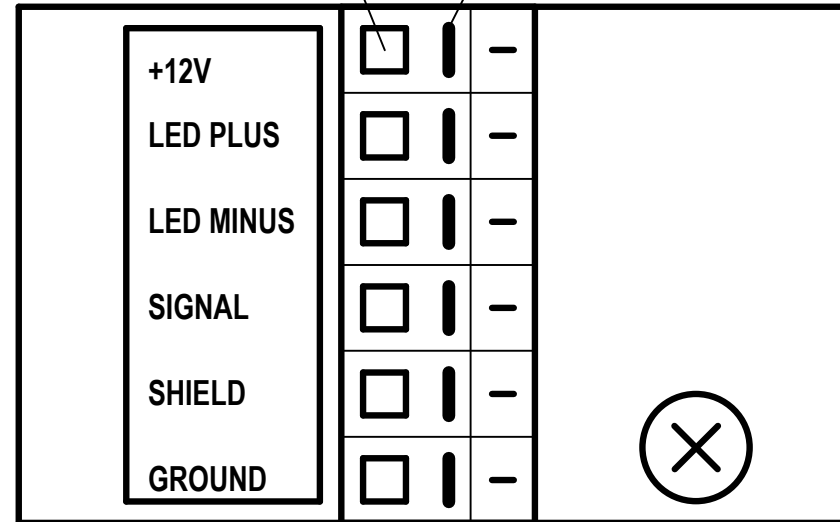
SIGNAL CABLE FROM
THE KNOCK SENSOR



CHASSIS
(Black)

WIRE
ENTRY

TOOL SLOT



HOOKUP

To attach a wire to the terminal block insert flat end of the tool provided or a SMALL (.09") flat screwdriver in the slot above the entry and lift up. The wire entry will open. Insert the wire and release the tool.

INSTALLATION

Install the unit under the dash, never in the engine compartment. Leave the lid off until it is set up. It is light enough to be tied to the harness afterwards.

SETUP

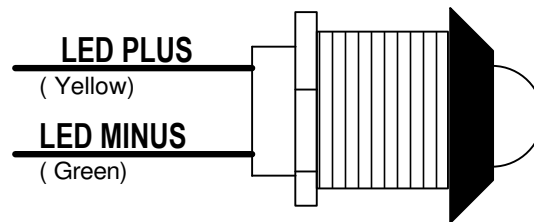
With engine at idle rotate the blue sensitivity knob CCW until the LED just comes on. Rotate CW about 30 to 45 degrees and the LED should go out. Rev the engine in neutral and adjust the knob until the LED stops coming on. The LED should be out but it will flash if knock is detected.

If the unit is too sensitive try placing a loading resistor across the knock sensor input. The value should range between 200K and 10K

Signal Connection

1. Bolt the knock sensor to the top part of the engine on the intake side. Use 8 to 10 ft/lb torque.
2. Plug in the sensor cable and run it to the Knocksense away from hot parts and ignition wires.
3. If wiring direct to knock signal harness connect the center conductor of the shielded cable to the signal line at the sensor end.

Be carefull when soldering the outside braid. Heat may melt through the center conductot and short out the signal.



Do not connect the LED directly to battery. It will burn out instantly if you do. The current limiting resistor for the LED is in the Knocksense unit.

VIATRACK

WWW.VIATRACK.CA

Title

KNOCKSENSE WIRING

Size

A

Document Number

280106

Rev

2.1

Date: Thursday, July 19, 2007

Sheet 1 of 1