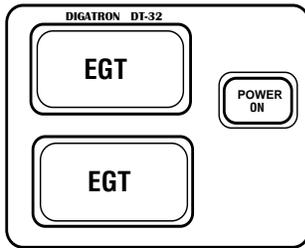


Installation & Operating Instructions for Model DT-32SNL

INSTRUMENT CONFIGURATION



WIRE ROUTING NOTES

The following instructions apply to the sensors that run from the engine compartment to the instrument. These sensors should always be routed as far away as possible from the ignition system components. (plug wires, spark plugs, ignition coils, distributor or magneto). Leads too close to these components may pick up radiated electrical interference and cause **erratic instrument readings** and operation. A distance of at least 6" from these components is desirable in all installations

When routing lead wires through any panels, be sure to use a rubber grommet to keep the leads from being cut by a sharp edge.

Do not coil sensor wires together. Keep the individual sensor wires separated as much as possible. Separating the wires will help to eliminate the induction of electrical interference from one sensor into the other sensor leads. **Induced interference will cause erratic instrument readings.**

DO NOT OPERATE the instrument with any disconnected or open inputs. Unused instrument inputs must be terminated at the back of the instrument with a shorting plug available from DIGATRON. Inputs that are left open can cause erratic display readings and in some instances, instrument damage can result.

POWER HARNESS INSTALLATION

P/N SN-LCHBN Your instrument receives its power from the lighting coil. Install the harness in the following manner:

Splice the red lead of the lighting coil harness into the hot wire running to your headlight using one of the "set screw" wire connectors provided. Splice the other lead of the lighting coil harness into any convenient ground wire. (Normally any black wire.)

Route the connector end of the harness to the instrument and plug it into the Black pigtail. Twist the connector 1/4 turn to lock it in place.

EXHAUST TEMPERATURE SENSORS

P/N EXT-160 RBN Install the sensor into the header at a point approximately 2" from the head side of the exhaust flange.

Note: If you are using an aftermarket exhaust system, check with the manufacture for their recommendation on temperature probe placement.

Drill a 13/64" hole in a location in the header which will allow easy access to the sensor. Install the exhaust clamp assembly on the header aligning the compression fitting base with the drilled hole in the header.

The tip of the sensor should be located at a point approximately 1/4" past the center of the header. Tighten the compression fitting nut to secure the sensor in place. Tighten the clamp assembly to secure it to the exhaust header.

Route the sensor wires to the instrument paying particular attention to the routing precautions outlined earlier.

All exhaust temperature sensors use the same color boot on their connectors. You may want to use a permanent marking pen on the boot to code the leads from the engine

Connect the sensors to the Gray pigtails on the back of the instrument. Twist the connector 1/4 turn to lock it in place.

The long black wire near the sensor probe must then be attached to a convenient ground point on the engine. This wire is covered with a high temperature Teflon that can withstand a good deal of heat but should not rest on top of the header pipes.

Repeat this process for any remaining exhaust sensor(s).

POWER ON

To turn the instrument on, press the **POWER ON** button. after starting your motor. The instrument will turn on after a 2 second delay.

POWER OFF

This instrument will turn itself off automatically after the motor is shut off.

UPGRADES

You may return your instrument to the factory to have the following upgrades added at any time. (Allow two weeks for delivery)

1: Backlighting	\$60.00
2: Memory	\$40.00
3: Tachometer	\$90.00 (Includes full memory function)

REPAIRS

Your instrument is warranted to be free from factory defects and electronic failure for a period of one (1) year from date of purchase. Physical damage during normal usage is not covered under the warranty. Be sure to fill out and return your warranty card for our records. If you do not have a card on file for your instrument, repairs will be charged for unless you can provide us with proof of purchase date.

When returning an instrument to us for repair or upgrades, be sure to enclose a note indicating your return address, your phone number and a good description of the problem or the upgrades you want.. There will be a \$20.00 minimum charge on any instrument that is out of warranty. Repairs and upgrades can be paid for by VISA, MASTERCARD, or C.O.D.

Send your instrument for repair or upgrades directly to:

Digatron

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Spokane, WA 99201

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509.467.3128

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Phone: (509) 467-3128