

TINY-TACH for DIESEL

- Solid State, Quartz Crystal control
- Vibration, water resistant
- Microprocessor battery life 5 years
- Engine RPM to 10,000. Correct reading - regardless of the number of cylinders



Operating Instructions

1. ATTACH TINY-TACH unit to desired location. Insure that signal cable will reach area where the transducer is to be mounted on the fuel injection line.
2. INSTALL TRANSDUCER: If there is paint on the injection line, remove by scraping or sandpapering a narrow section of line so that the inside diameter of the transducer will make direct metal contact with the fuel line.

Connect RED lead of signal cable to transducer housing (ring terminal under mounting screw).

Mount transducer on fuel line as shown in Fig. 1. Be sure to use correct transducer size corresponding to injection line size, or damage to the transducer may result when tightened.

Tighten socket head cap screws very firmly using 3/32 inch (2.38mm) hex key.

Ground WHITE lead (with grounding lug) to a good engine ground. NOTE: Do not attach transducer to a section of fuel line that is bent, curved or flattened. **KEEP CABLE AWAY FROM HOT ENGINE PARTS.**

3. EXTERNAL POWER: External power is required to operate the signal amplifier in the unit. Vehicle power is most convenient, but any DC source from 9 to 50 VOLTS may be used. From the black two wire power cable, connect the RED wire to the POSITIVE of the source and the BLACK wire to the NEGATIVE terminal of the source.
4. After the transducer pick-up has been installed on the fuel injection line, check to be sure it is not touching any part of the engine except the injection line to which it is attached. After operation is checked out and unit is to be permanently left on engine, it is recommended that the transducer be completely sprayed with paint to insure protection from weather or other contamination.
5. OPERATION: When engine is started, the unit will automatically switch to the TACH MODE. When the engine is shut off and no transducer signal is present, the unit will switch to indicate Total Run Time (TOT), beginning in minutes and switching to hours after 60 minutes is reached.

The microprocessor and display are powered by an internal lithium battery totally independent of the external amplifier power source, so run time hours will not be lost if the external source is disconnected. This battery is not replaceable but should last five years.