

V-Twin Mfg.  
**CRANE TACH INTERFACE ADAPTER**  
VT No. 32-9255

For use with **CRANE SINGLE FIRE HI-INTENSITY IGNITION SYSTEM VT No. 32-8076**

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

**CAUTION: READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION**

The Crane Tach Adapter part number is intended for use with electronic tachometers that do not function correctly after installation of a Crane single fire HI-Intensity ignition system.

**HI-2 (P/N 8-2000) SINGLE FIRE MOTORCYCLE IGNITION**

Electric tachs will read one-half true engine speed when a Crane HI-2 is installed. The tach adapter is required for all HI-2 applications with an electric tach.

1. First, try the hookup shown in Figure 1 for a ground sensing tach. If the tach works properly, skip ahead to step 3. If the tach needle does not move as engine speed changes, or if the needle jumps erratically, re-check your connections.
2. If the tach does not function properly, re-wire the adapter for a pulse-sensing tachometer as shown in Figure 2. If the tach still fails to function, it may be defective.
3. Use the supplied tie wrap to secure the tach adapter away from hot engine or exhaust pipe surfaces. Use electrical tape to secure the unused wire (gray or short black).

**HI-4 (P/N 8-2100 AND 8-2200) SINGLE FIRE MOTORCYCLE IGNITIONS**

The Crane HI-4 system has a tach output (brown wire) that is compatible with most electric tachs. Some tachs require a high voltage trigger pulse. If the tach does not function when connected to the brown wire from the HI-4, the tach adapter is required.

1. Use the hookup shown in Figure 2 for a pulse sensing tach. If the tach needle does not move as engine speed changes, or if the needle jumps erratically, re-check your connections. If the tach still fails to function correctly, it may be defective.
2. Use the supplied tie wrap to secure the tach adapter away from hot engine or exhaust pipe surfaces. Use electrical tape to secure the unused short black wire.

**AUTOMOTIVE IGNITION SYSTEMS**

Some tachometers may operate erratically when a Crane inductive ignition, such as the XR700, is installed. This problem is most common on older vehicles originally equipped with points type ignition. If the tach does not function correctly, the tach adapter may help.

1. Use the hookup shown in Figure 3. If the tach needle does not move as engine speed changes, or if the needle jumps erratically, re-check your connections. If the tach still fails to function correctly, you may need to replace it with an aftermarket unit.
2. Use the supplied tie wrap to secure the tach adapter away from hot under hood areas. Use electrical tape to secure the white and gray wires.

*Figure 1. Tach Adapter Hookup for Ground Sensing Motorcycle Tach*



