SMi™ MEMORY TACH
WIRING INSTRUCTIONS

Longacre® *Racing Products*

- **Green Wire** to "Tach" output on ignition box or to negative side of coil on non-electronic points systems. NEVER connect directly to a plug or coil wire!

- **Black Wire** to ground. Be sure it is connected to a solid ground. Many problems are caused by a poor ground.

- **Brown Wire** to power. 12 or 16 volt (connect so that it SHUTS OFF with ignition off).

- **Red Wire** to power (connect so it has power FULLTIME and will NOT shut off when ignition is shut off).

Use only on 12 or 16 volt systems with negative ground. If mounted directly into firewall, you must protect from exhaust radiant heat with an appropriate shield.

WARNING

THIS MODEL IS NOT WATER RESISTANT!
COVER THE TACH IF YOUR CAR INTERIOR IS TO BE WASHED DOWN. NEVER PRESSURE WASH.

TO OPERATE:
Tach comes on automatically when the engine starts.

TO RECALL:
Push red "RECALL" button on lower left side. The pointer will recall highest RPM **and hold that number** (backlight flashes to indicate recall mode). Push again to resume normal tach operation.

NOTE: You can push "Recall" before going on the track and the tach will constantly display the highest RPM reached to that point without pushing "Recall" again. It does not show active RPM once RPM drops below the highest point. Push "Recall" to resume normal tach operation. This feature allows the driver to see what the RPM was on the track without having to push the "Recall" button.

TO RESET - ERASE MAX RPM:
Push the "RESET" button and **hold for 3 seconds to erase** the previous RPM. *Backlight flashes to indicate when complete.*

TO NUMBER OF CYLINDERS:
Push "RESET" and "RECALL" **at the same time** and hold for 10 seconds (Note: After 5 seconds the LED will flash - see below. **Continue to hold both buttons**). After 10 seconds the pointer will go to the number of cylinders - 4000 for 4 cyl, 6000 for 6 cyl, etc. **Release both buttons.** Then push either "RESET" or "RECALL" to change to the setting you want. After 5 seconds of no buttons being pushed, normal function returns. Options are 2, 3, 4, 5, 6, 8, & 10 cyl. **Factory set to 8 cyl.** *Note: If you have a 2 cycle motor you will need to double the cylinder setting (ie: set for 8 cylinder for a 4 cylinder motor.*

TO CHANGE HIGH RPM WARNING LIGHT SETPOINTS:
There are 2 High RPM warning setpoints. On one, the red LED is steady and on the other the LED flashes. To change, push "RESET" and "RECALL" **at the same time** and hold for 5 seconds. Red LED warning light will flash. **Release both**. After a few seconds the LED will come on steady (not flashing) and the pointer will go to the current setpoint. This is the first setpoint - LED on steady. Use the 2 buttons to raise or lower the setpont as desired. When you get the setting you want, stop pushing either button. After 5 seconds the LED will start to flash. This is the second setpoint - LED flashing. Adjust as done previously. After 5 seconds of no buttons pushed, normal tach function will return. **Factory set to 8000 & 8500 RPM. THIS TACH IS <u>NOT AN RPM LIMITER.</u>**