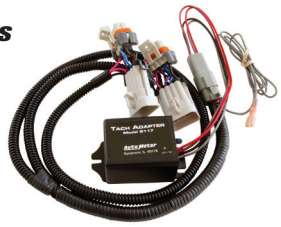
INSTALLATION INSTRUCTIONS

LS TACH ADAPTER HARNESS

MODEL 9123 & 2189

2650-1792-00 Rev. A



9123 with adapter included shown

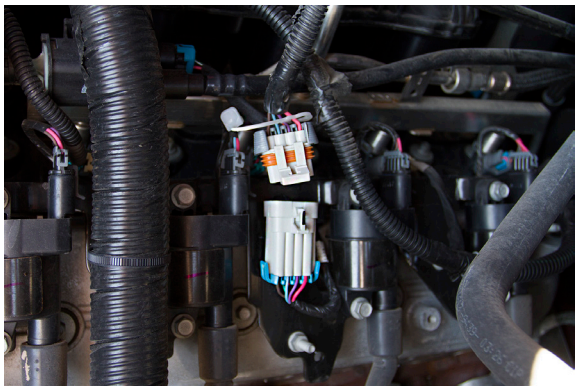
This wire harness makes obtaining a tachometer signal from your GM LS engine a snap. The tachometer signal created is a standard 8 cylinder, 4-pulse, 12v square-wave signal.

To begin, locate both of your engine harness connectors, one on each valve cover (see illustrations). In some cases it will be necessary to remove the factory engine cover which can be re-installed after your installation of this harness is complete.

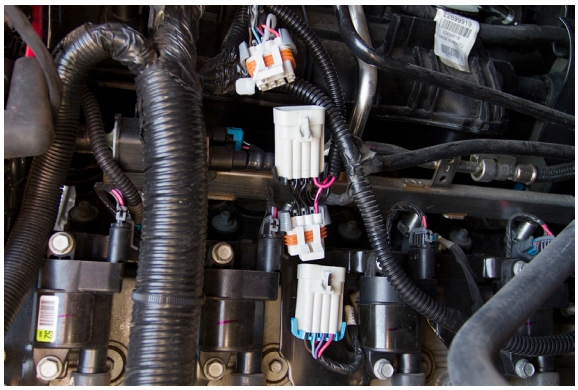
Lay the new harness out across your engine so that you have an idea of where your mounting options are for the tachometer adapter (included with the 9123 harness). This harness is designed to “piggy-back” with the two original engine harness connectors.

Once you have determined how you want the harness to route, remove the connector lock tabs from the original wire harness connectors, and unplug the factory harness connectors. Now simply plug the new harness mating connectors in, between the original harness connectors.

Unplug Factory Connector



Position New Harness



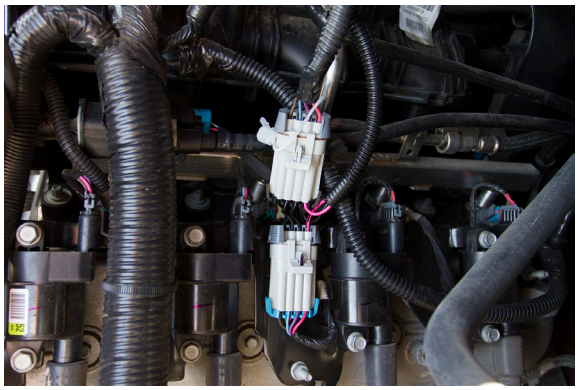
If you have the 9213 harness, (which includes a 9117 tach adapter) make sure that the harness is also plugged into the Tach Adapter, and you may now mount the adapter.

If you have the 2189 harness, you will now have to connect this to an Auto Meter 9117 tachometer adapter. We recommend soldering these connections and insulating with heat shrink.

On the 2189 harness, connect the wires as follows:
Pink on the harness connects to the Red on the Tach Adapter.
Pink/Black on the harness connects to the Red/Grn on the Tach Adapter.
The Black on the harness connects to the Black on the Tach Adapter.

NOTE: If there is no tachometer adapter is present, or it is improperly wired, the engine will not start.

Plug Connectors Together with New Harness



On both the 2189 & the 9123 harness, the gray wire from the tach adapter is now your tachometer signal wire to connect to your tachometer, or certain other RPM devices.