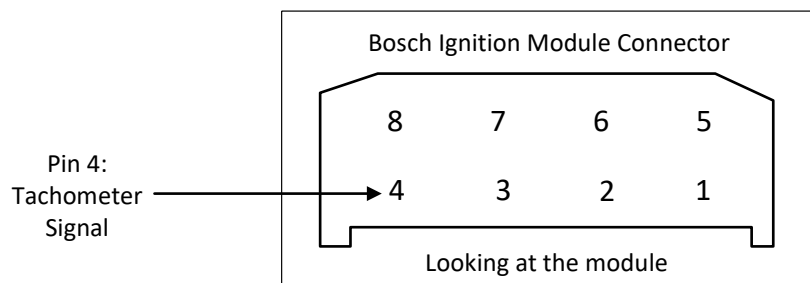


**Lambo Tach Signal Inverter
Install Guide
© 2024 AccuTach Co.
Rev 1.0**



This document describes how to install the AccuTach Co. Lambo Tach Signal Inverter adapter in your European vehicle with an updated ignition system.

Some European vehicles from the mid to late 1980s use Bosch 022730000x ignition module which generates a negative voltage pulse on the tachometer signal output pin 4 on the 6 pin connector. If the vehicle is updated with a modern ignition system with a positive voltage pulse tachometer signal, the tachometer will no longer function without an inverting adapter.



Other ignition modules of the Bosch 022730000x family may also generate a negative voltage pulse on the tach signal. Vehicles using these modules could include Porsche, Maserati, Ferrari, Mercedes, BMW, Alfa Romeo and Jaguar among others. Please verify that your OEM Bosch ignition module does in fact generate a negative pulse tachometer signal prior to buying this adapter. This adapter has been validated in a 1987 Lamborghini Jalpa that has been updated from a Bosch 0227300002 ignition module to an MSD 6A ignition system with a 0 to +12V tachometer signal.

This adapter has been tested with 0 to +12V, 0 to +5V tachometer signals plus with traditional coil/points ignition signals at the coil negative terminal.

Disclaimer

You use this product at your own risk. AccuTach Co. is not responsible for any damages, injuries or deaths that result from the use or misuse of this product.

Before You Start

AccuTach Co. recommends that you use solder and shrink tubing for all wiring connections, but well done crimp connectors will also work. Poor crimp connections could cause the system to not work reliably or at all.

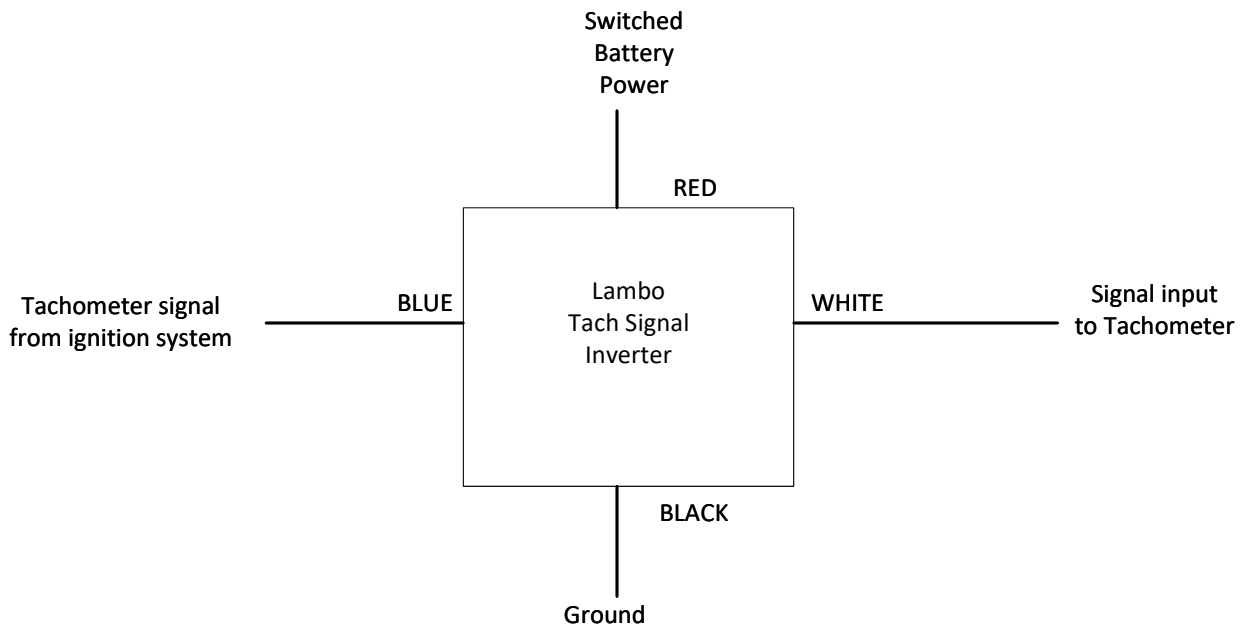
You will need to plan your system by determining where you would like to install your adapter. It should be installed inside of the cabin, under the dash fairly close to the tachometer. The adapter case is made of ABS plastic. Mounting tabs can be cemented anywhere to the case using a bit of scrap ABS and ABS cement from your local hardware store. The adapter case is made of ABS plastic. Mounting tabs can be cemented anywhere to the case using a bit of scrap ABS and ABS cement from your local hardware store. You will also need to locate a source of switched battery power and a good grounding point. Be sure to disconnect your battery prior to installing this adapter..

Installation

Your tachometer may not have its terminals marked as was the case with the Lamborghini Jalpa tachometer used to develop this product. Here are the terminals for that tachometer:



Connect the adapter's Blue wire to your vehicle's tachometer signal. Connect the adapter's White wire to the vehicle's tachometer signal input. Connect the adapter's black wire to a good ground and connect the adapter's red wire to a switched power source. Reconnect your battery and test the installation.



Please contact AccuTach Co. if you have any issues with your installation.