

NUMBER: 22 DATE: August 28, 1998 x APPLICATION SERVICE

SUBJECT: CPU IGNITION TACH ADAPTOR (691116)

The CPU-95 and CPU-2000 ignition systems have built in tachometers with user adjustable overspeeds. These overspeeds need no external connections to the ignition to operate since they simply shut off the ignitions firing until the engine comes to a complete stop. Interfacing the “FAULT” switch on the CPU ignition to a fuel shutoff device is also recommended in most applications.

Some customer applications where a conventional solid state ignition has been replaced by a CPU-95 or CPU-2000 have been requested to continue to use the existing Altronic tachometer. Although this is redundant, it is still possible to utilize the 3200 and 1200 series tachometers with the use of the 691116 CPU Ignition Tach-Adaptor.

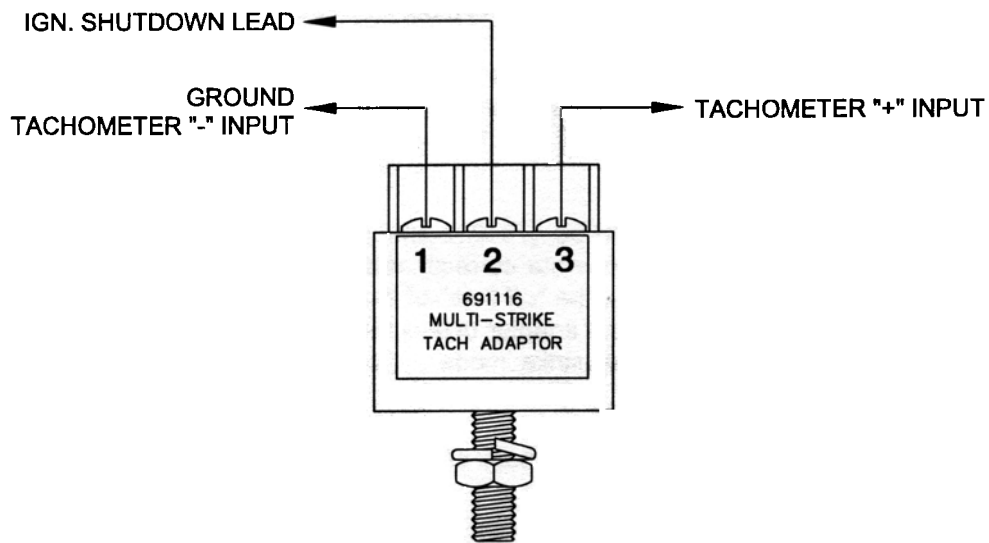
This Adaptor allows the use of the CPU-90 (791916-200 only), CPU-95 single or multi-strike, and CPU-2000 single or multi-strike units to operate correctly with the tachometers. Due to the design of these ignitions with multi-strike capabilities, the “off time” of the storage capacitor is too short to correctly be counted by the tachometers. Adding the adaptor delays this “off time” and also allows for the tach to see only a single pulse while in the multi-strike mode. These applications are limited to even-firing applications only.

Please refer to the installation instructions on the back of this page for details

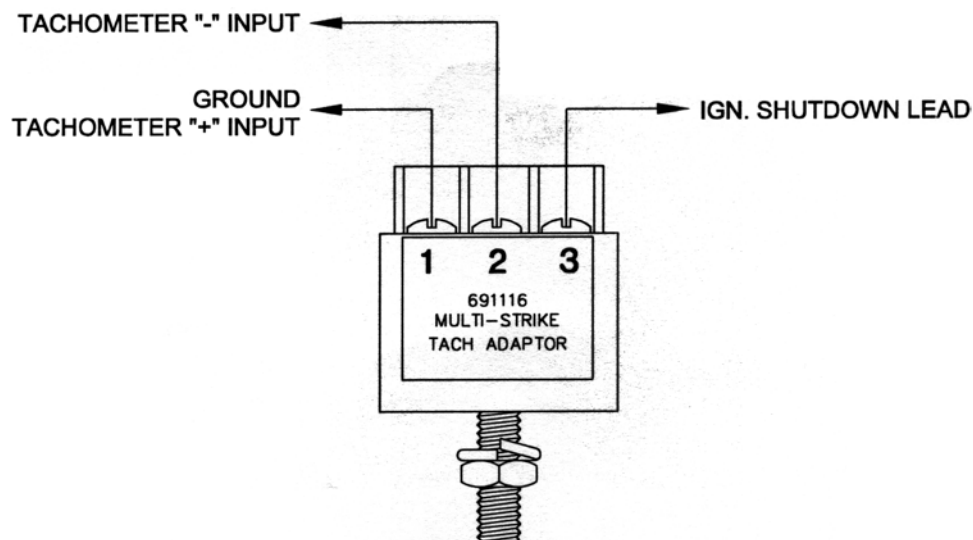
691116 - CPU IGNITION TACH-ADAPTOR

FOR USE ON NEGATIVE OR POSITIVE GROUND IGNITIONS

This adaptor should be used when attaching an Altronic 1200 or 3200 Series tachometer to an Altronic CPU-90 (791916-200), CPU-95, or CPU-2000 ignition system when intended to run in the single-strike or multi-strike mode. This adaptor is not required for use on the single-strike CPU-90 (791916-100). This adaptor allows proper operation of the tach in single or multi-strike mode on even firing applications only. Do not use this adaptor with these tachometers on odd firing patterns. Do not use this device in conjunction with an overspeed shutdown tachometer. A list of appropriate shutdown tachometers is listed in the various CPU ignition system installations. Do not use this device with an Altronic or other barrier.



FOR NEGATIVE GROUND (CPU-90, CPU-95) SYSTEMS



FOR POSITIVE GROUND (CPU-2000) SYSTEMS