

INSTALLATION INSTRUCTIONS

MSD ENGINE SAVER

Part Number 8978

FOR USE WITH MSD 8 P/N 7800 AND DUAL COIL MSD 8, P/N 7802 ONLY

Parts Included In This Kit

- 1 - Engine Saver, P/N 8978
- 3 - RPM Modules (7,000, 8,000, and 9,000 rpm)
- 4 - Self-Tapping Screws
- 1 - Installation Instructions

MOUNTING

Using the 4 self tapping screws supplied, mount the Engine Saver close enough to the MSD 8 (or Dual Coil MSD 8) to allow the matching connectors to plug together. The Engine Saver can be mounted in the engine bay or driver's compartment but do not mount it on the engine or near the exhaust manifold. Excessive heat must be avoided; install in a well ventilated area.

ELECTRICAL CONNECTIONS

Plug the 6-pin Weathertight Connector from the Engine Saver into the matching connector on the MSD 8 or Dual Coil MSD 8. The connector will fit only one way (See Figure 1).

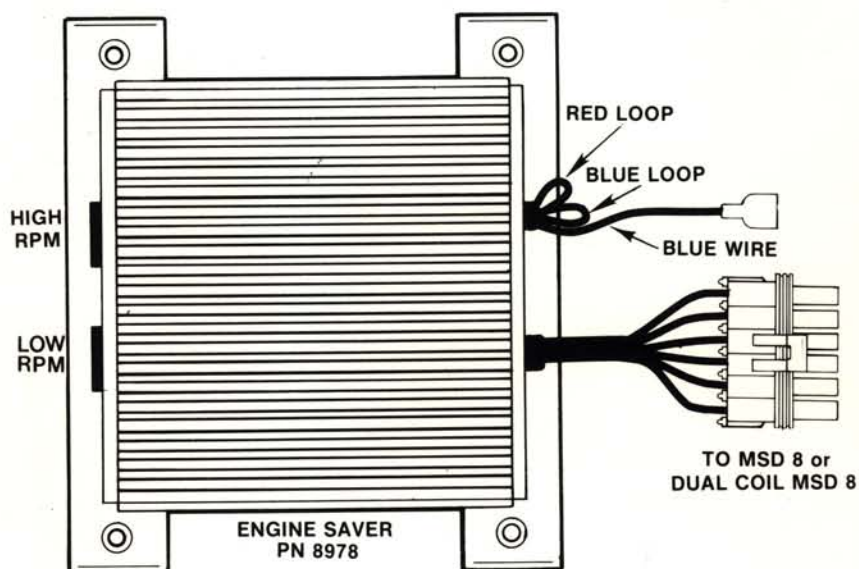


Figure 1

Blue Wire-

The Blue wire is used for selecting between the High and Low RPM Modules. This wire can be connected either to a solenoid (such as used with a line-lock) or to a standard switch.

Solenoid- When connecting to a line-lock solenoid, the Blue wire should be connected as shown in Figure 2.

BLUE WIRE CONDITION	MODULE IN EFFECT
Solenoid Energized (Button Depressed)	Low RPM
Solenoid De-energized (Button released)	High RPM

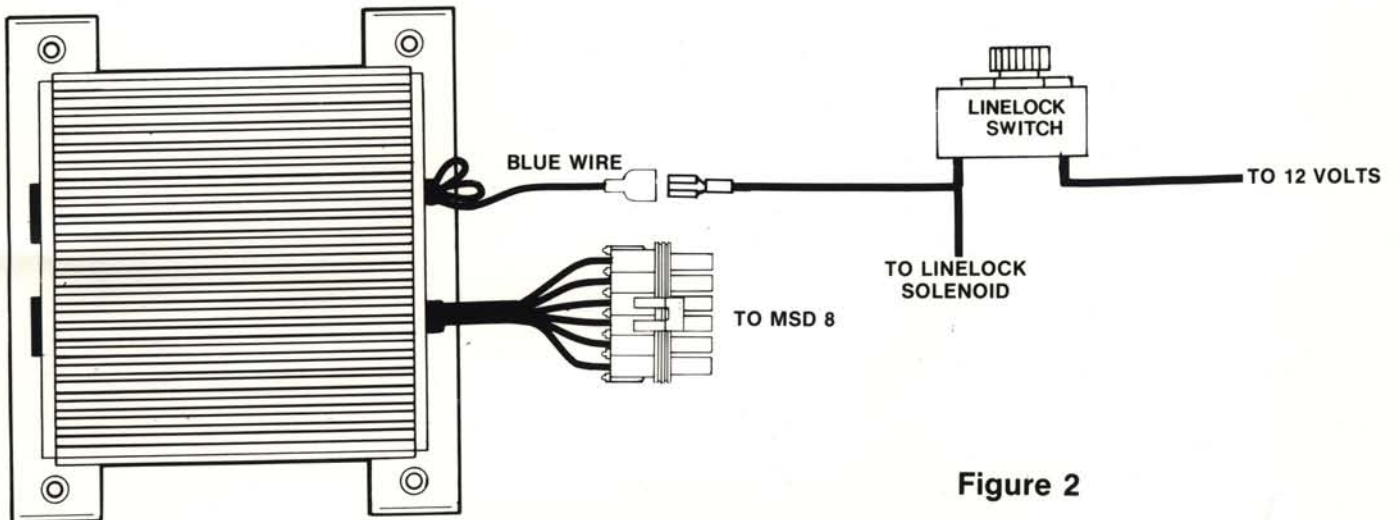


Figure 2

Switch- When connecting to a standard switch, the Blue wire should be connected as shown in Figure 3.

BLUE WIRE CONDITION	MODULE IN EFFECT
Grounded	High RPM
Not Grounded	Low RPM

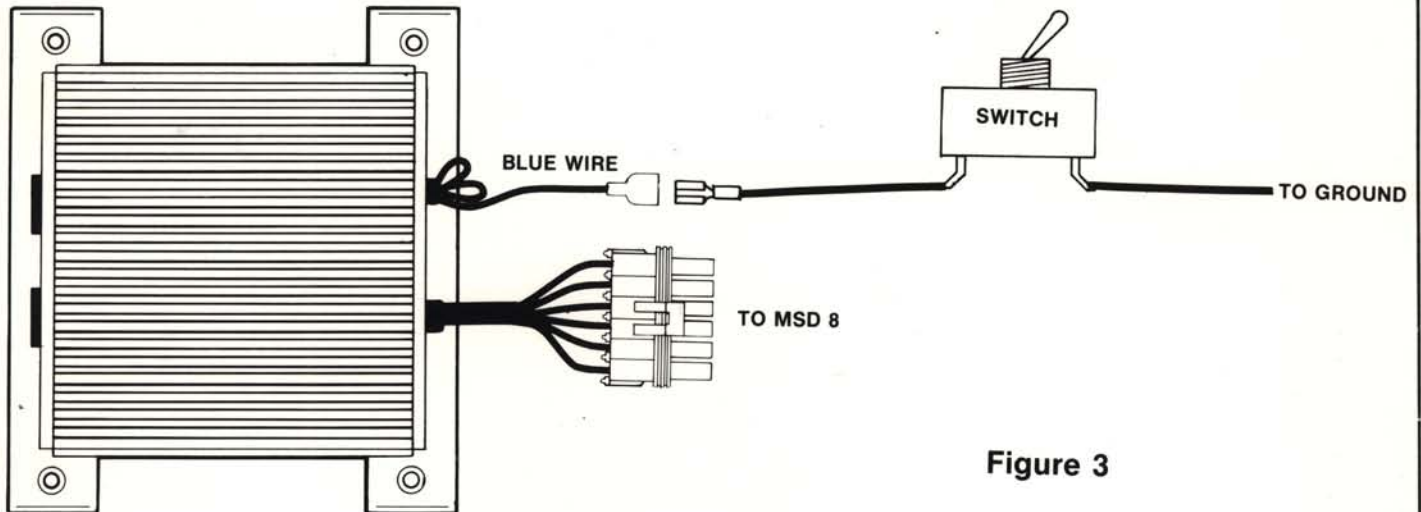


Figure 3

PROGRAMMING FOR 4, 6, 8 CYLINDER OPERATION

The short Red and Blue wire loops coming out of the Engine Saver are used for programming the unit for 4, 6, or 8 cylinder operation. Modify the loops as described for the number of cylinders that your engine has. Remember to tape any cut wires to prevent shorting.

- 8 cylinder: Do not cut any loops.
- 6 cylinder: Cut only the Red loop.
- 4 cylinder: Cut both the Red and Blue loops.

SETTING THE RPM LIMIT

The Engine Saver has two receptacles for plugging in the RPM modules; one marked High and the other marked Low. These are selected by the Blue wire as described in that section. Plug the desired RPM Modules into the appropriate High and Low receptacles. The Engine Saver is supplied with modules for 7,000, 8,000, and 9,000 rpm. If other RPM Modules are desired, see the list of RPM Module Kits below.

EXTRA RPM MODULE KITS

If extra RPM Modules are desired, see your local dealer for the RPM Module Kits listed here. Each kit includes 5 modules within a range of 1,000 rpm. For example, the P/N 8745 5,000 Series RPM Kit includes modules for 5,000, 5,200, 5,400, 5,600, and 5,800 rpm.

Description	Part No.
3,000 Series RPM Module Kit	P/N 8743
4,000 Series RPM Module Kit	P/N 8744
5,000 Series RPM Module Kit	P/N 8745
6,000 Series RPM Module Kit	P/N 8746
7,000 Series RPM Module Kit	P/N 8747
8,000 Series RPM Module Kit	P/N 8748
9,000 Series RPM Module Kit	P/N 8749
10,000 Series RPM Module Kit	P/N 8750
11,000 Series RPM Module Kit	P/N 8751
12,000 Series RPM Module Kit	P/N 8752

LIMITED WARRANTY

Autotronic Controls Corporation warrants the MSD ENGINE SAVER to be free from defects in material and workmanship under normal use and if properly installed for a period of one year from date of purchase. If found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with proof of date of purchase. This shall constitute the sole remedy of the purchaser and the sole liability of Autotronic Controls Corporation. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Autotronic Controls Corporation be liable for special or consequential damages.

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