

INSTALLATION INSTRUCTIONS

FOR DSMS-4 & DSM-4
DYNA SHIFT MINDER SYSTEM
4 CYLINDER VERSION

INSTALLATION

Mount the shift light using the supplied bracket or some other flexible material. The light should not be hard mounted as this will shorten bulb life due to vibration.

Connect the red wire to switched +12 volts, and black to ground. Plug the connector into the light.

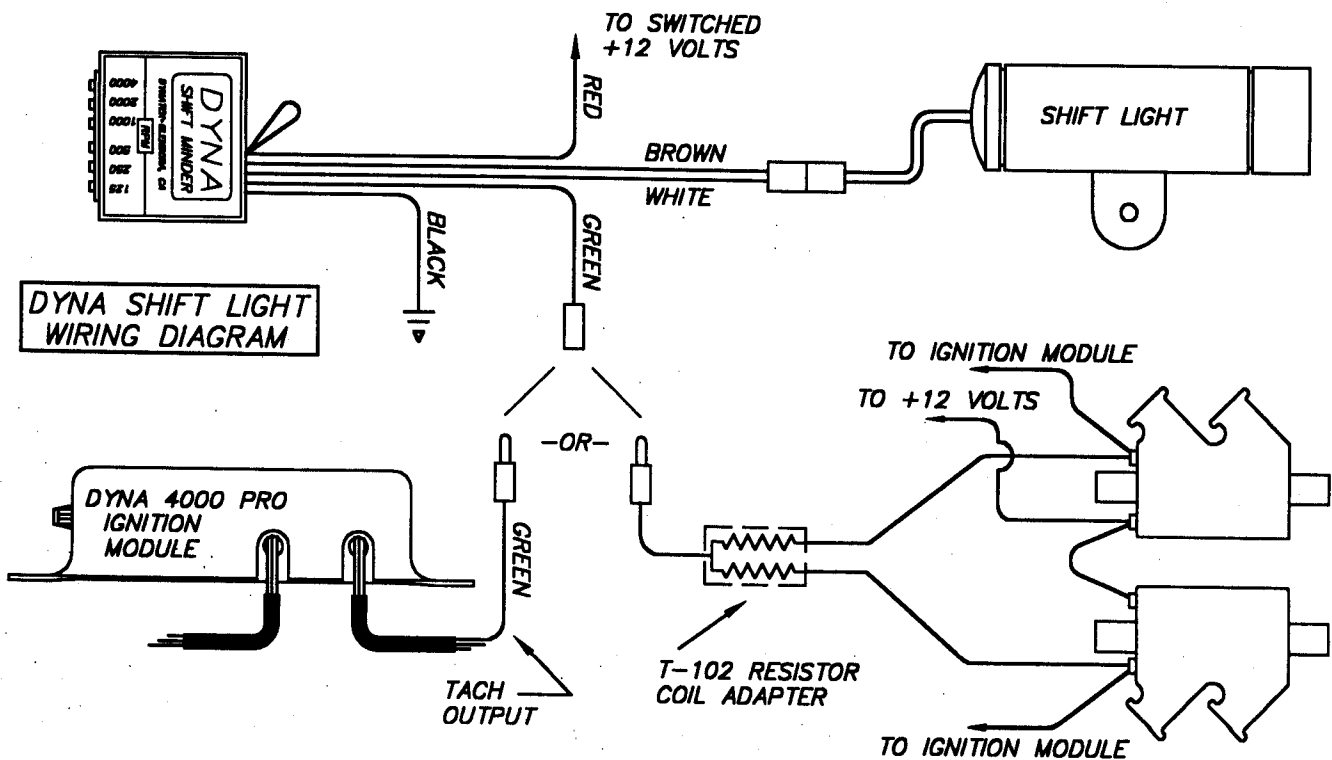
Connect one leg of the T-102 coil adapter (included with this kit) to each of the coil (-) terminals. This is the same terminal the ignition module is connected to. Plug the other end of the adapter into the green wire. If an ignition module with a tach output is being used, plug the green wire directly into this output.

The Shift Minder can be set to activate at any RPM from 6000 to 13,875 in 125 RPM steps. When all 6 switches are down (off), the light will come on at 6000 RPM. This is the Base RPM. Turning on a switch will add to the base RPM. For example: if Switch 1 and Switch 5 are on and the rest are off, the light will come on at: 6000 (base RPM) + 4000 + 250 = 10,250 RPM.

	<u>Switch 1</u>	<u>Switch 2</u>	<u>Switch 3</u>	<u>Switch 4</u>	<u>Switch 5</u>	<u>Switch 6</u>
ADD:	4000 RPM	2000 RPM	1000 RPM	500 RPM	250 RPM	125 RPM

BULB TEST

The Shift Minder will flash the Shift light for 1/4 second each time the power is turned on. This verifies there is power to the Minder and the bulb is OK. This feature can be disabled by cutting the loop of green wire on the back of the Shift Minder.



DSM-4 AUTO SHIFT WIRING CONFIGURATIONS

The Shift Minder (DSM-4) can be used to trigger an air shifter solenoid to achieve automatic shifting of manual transmissions. Shown below are two methods. Keep in mind the following important points:

Power to the Shift minder, coils, and ignition must not be interrupted during the shift or else the system will get "lost". The Dyna 4000 or DRL-400 will take care of the spark kill during the shift.

The kill time may need to be adjusted. This is done by changing the air bleed in the Air Kill Switch or by altering the lengths of the air lines. Contact your switch manufacturer for information on this adjustment.

The Brown wire is the +12 volt output. **DO NOT SHORT TO GROUND!** The shift minder will be permanently damaged if this happens. Check that the solenoid has at least 12 ohms of resistance before connecting the Shift Minder.

Cut the loop of green wire to disable the bulb test. This will prevent the shifter from activating when the power is switched on.

