

SIEMENS VDO

A u t o m o t i v e

<http://sso-usa.siemensvdo.com/>

Minnie Shift Light Operating Instructions

INSTRUCTIONS FOR INSTALLATION AND SWITCH SETTINGS:

- REMOVE BATTERY CABLE.
- CONNECT BLACK WIRE OF THE SHIFT LIGHT TO A SUITABLE GROUND ON THE VEHICLE CHASSIS.
- CONNECT RED WIRE OF THE SHIFT LIGHT TO A SWITCHED AND FUSED +12 VOLT SOURCE .
- CONNECT THE GREEN WIRE OF THE SHIFT LIGHT TO THE TACH WIRE OF THE VEHICLE.

- SET DESIRED RPM ACTIVATION POINT USING THE TWO ROTARY SWITCHES.

EXAMPLE: FOR 5600 RPM = "RPM X1000" TO "5" AND "RPM X100" TO "6" (SEE FIGURE 1).

**** CARE MUST BE USED WHEN SETTING SWITCHES. THE SLOT CAN BE MARRED IF THE CORRECT ADJUSTING TOOL IS NOT USED. FULLY INSERT TOOL BEFORE TURNING.**

- SET "CYLINDER SETTING" TO MATCH THE VEHICLE (SEE FIGURE 2).

NOTE: GENERAL MOTORS "LS1/LS6" ENGINES ARE TO BE SET AT "4 CYLINDER".

NOTE: 99+ MUSTANGS WITH "COIL ON PLUGS"; SET SHIFT LIGHT TO ONE (1) CYLINDER MODE.

NOTE: 4 CYLINDER ENGINES WITH DUAL COIL PACK IS TO BE SET FOR "2 CYLINDER" SINCE THE SHIFT LIGHT WILL RECEIVE THE TACH SIGNAL FROM ONE COIL.

- FOR VEHICLE SPECIFIC INFORMATION, PLEASE CHECK THE RAPTOR WEBSITE.

- RESTORE BATTERY CABLE CONNECTION.

NOTE: TO CHANGE SETTINGS, TURN IGNITION OFF, CHANGE SWITCH SETTINGS AND TURN IGNITION BACK ON. THE SHIFT LIGHT READS THE SWITCH SETTINGS UPON POWER UP ONLY.

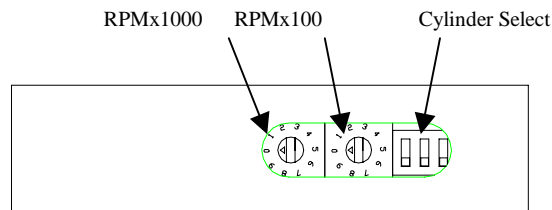


FIGURE 1

VERIFY MODE

VERIFY MODE DISPLAYS THE SWITCH SETTINGS, IF THEY HAVE BEEN CHANGED FROM THE LAST VALUE STORED IN MEMORY.

TURN IGNITION ON AND THE SHIFTLIGHT WILL FLASH THE SETTINGS TO YOU:

- FIRST, 4 LEDS WILL FLASH THE NUMBER OF TIMES WHICH IS REPRESENTATIVE OF THE "RPM X1000 SETTING".
- SECOND, THERE WILL BE A PAUSE (NO LEDS ON FOR ABOUT 2 SECONDS).
- THIRD, 3 LEDS WILL FLASH THE NUMBER OF TIMES WHICH IS REPRESENTATIVE OF THE "RPM X100 SETTING".
- FOURTH, THERE WILL BE ANOTHER PAUSE (NO LEDS ON FOR ABOUT 2 SECONDS).
- FIFTH, ALL LEDS WILL FLASH THE NUMBER OF TIMES WHICH IS REPRESENTATIVE OF THE "CYLINDER SETTING"., AND FINALLY THE SHIFTLIGHT WILL DO AN LED TEST AND BE READY FOR USE.

NORMAL MODE

NORMAL MODE IS WHEN THE SWITCH SETTINGS HAVE NOT BEEN CHANGED FROM THE PREVIOUS VALUES STORED IN MEMORY.

- UPON TURNING ON IGNITION, THE SHIFTLIGHT WILL TEST THE LEDS AND NO SWITCH SETTINGS WILL BE DISPLAYED. THE SHIFTLIGHT IS READY FOR USE AT THIS POINT.

ERROR MODE

IN ERROR MODE, ALL LEDS FLASH AT A RAPID RATE TO INDICATE THE RPM ACTIVATION POINT IS SET BELOW THE MINIMUM SETTING OF 1000 RPM OR THE "FACTORY TEST" SWITCH SETTINGS WERE SELECTED.

- TURN OFF IGNITION AND CHANGE THE SWITCHES TO A SETTING ABOVE 1000 RPM OR SET THE CYLINDER SELECT SWITCH TO THE CORRECT SETTING (NOT FACTORY TEST).

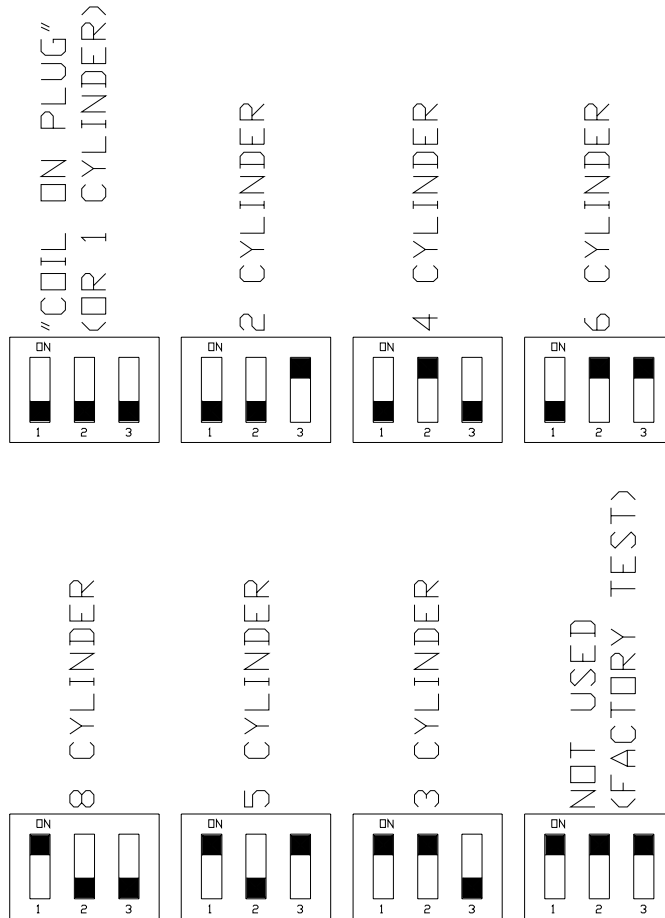


FIGURE 2

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