

SYSTEM RESET

- 1 - Cycle the Ignition Key On/Off On/Off On (**Leaving the key ON**)
- 2 - Press and **RELEASE** the Program Switch 1 time.
(Horn will chirp to confirm program mode has been entered)
- 3 - Press and **HOLD** the Program Switch for 5 seconds or until the Horn Chirps 3 times.
- 4 - Turn the ignition key **OFF** to exit.

AUTO TACH/ TACHLESS LEARNING



Start the vehicle with the ignition key.



- 2 CHIRPS/ 2 FLASHES = TACH MODE
- 3 CHIRPS/ 3 FLASHES = DATA TACH MODE
- 4 CHIRPS/ 4 FLASHES = TACHLESS MODE

NOTES:

When tach learning the system first sends out a request for tach from the data port. If it gets a valid rpm response over 750 rpm then it goes into data tach mode (3 flashes). If there is no response, the unit will look for the tach/tachless.

Once the starter goes on then off, the unit will learn tach, if there is no tach detected within a few seconds after starting, the system will learn in Tachless mode after 20 seconds.

If there is no starter detected, the system learns tach after 30 seconds. If no tach is detected the system will learn tachless after an additional 10 seconds.

HYBRID MODE'S

Hybrid mode 1 - This option requires a tach connection. Once the vehicle starts the system will not monitor the tach input and stay running for 15 minutes.

Hybrid Mode 2- (No Tach wire connection) This setting will power up the ignition wires, pulse the start output for 2 seconds then stay on/ run for 15 minutes. See Program Menu 4, Hybrid Mode 1& 2. Hybrid mode 2 was designed for "Push to Start" systems and hybrid vehicles that may not actually start until the battery voltage drops.

****Hybrid Mode 2** is also ideal for vehicles with no starter wire or "Automatic Starting". This is when the vehicle's starter motor will continue to crank and start the vehicle even if the key is only turned to the start position momentarily.

LOW IDLE LEARNING

Hold the brake then start the vehicle with the key. Place the transmission into reverse to lower the RPM. Press and release the button on the antenna twice. The system will chirp the Horn and flash the park lights two times to confirm Tach Mode or chirp 4 times/ 4 flashes to indicate Tachless Mode re-learn.