

# PASS KEY RELEARN INSTRUCTIONS

**1996-1997** Truck PCM's do not have any other special procedures, other than idle relearn. Start, and allow to idle in Park until engine is at normal operating temperature if desired. This is the same for all trucks, whether gas or diesel. Some flash PCM cars do have a passkey relearn, which will be indicated by a failure to start, or a start and stall problem. If your ignition key has a 'pellet' in the key, it most likely has an anti-theft system, and will be either VATS, Passkey 1 or Passkey 2.

**1998-2008+** PCM's will always require an antitheft 'relearn' procedure as follows:

- (1). Attempt to start vehicle. You **MUST** rotate the ignition key enough to try to start the vehicle. Vehicle will briefly start and quit. **LEAVE KEY ON !!**
- (2). Observe "Security Light". The Security light may initially flash, but will remain on steady for a period of 10 minutes, provided you left the key in the ON position. Some earlier trucks will flash between 'security' and 'battery' in the information center. The battery light will be the only remaining indicator if this applies to your vehicle, and will not flash 'security' after 10 minutes. When the security light goes out (10 minutes have expired), turn the KEY OFF—and wait 5 seconds.
- (3). Repeat steps (1) through (2) **EXACTLY AS STATED** an additional 2 more times for a total of 3 relearn attempts. Remember to turn the key *off* between each of the 3 total relearn attempts as stated in step (2).
- (4). Truck or car should start on the 4<sup>th</sup> attempt, provided you didn't make a mistake in one of the 3 prior relearn sequences. This is a simple procedure, but often done incorrectly.
- (5). If there's no "Check Engine" illuminated, everything is fine. If the "Check Engine" lamp is on, there may be one additional step which requires the use of a scan tool, to enable the PCM to know where the crankshaft sensor is in relation to camshaft. It is totally safe to drive your vehicle to any repair centre to have this service performed (a 2-3 minute procedure. 90% of the time, this does not need to be done). All diagnostics are performed normally with this performance computer. If you leave your key on (even with your stock computer), and the battery goes dead--you will have this same crank procedure relearn needed. The trouble code which sets is P1336, and P0315 (if newer than 2002).

**1996-2008 Cadillac Cars:** observe steps 1 through 4 but do not attempt to start the vehicle, just turn key into the "ON" position and turn key off between relearn sequences (as in step 3).

