

Computer relearn instructions

1-Anti-theft password relearn procedure:

Before your vehicle will start you will have to perform an anti-theft system password relearn procedure.

Put a battery charger on the vehicle on a 10 amp (or approximate) charge. If you do not have access to a battery charger install jumper cables to another vehicle that is left running the whole time. The battery must have charging assistance while the procedure is being done because the key will be on for 30+ minutes. It should not be done without battery assistance even if it has a new battery. If the voltage dips during the procedure it may not work.

Attempt to start the vehicle by cranking the starter for a few seconds and then let the key come back and rest in the "On" position (do not turn the key off) (if the starter does not turn you will still take the key to the "crank" position for a second or two). The vehicle will not start. It may start for a few seconds and then die. At this point the security indicator* should be "On". The security indicator will stay lit for approximately 10 minutes and then go out. Once the indicator has gone out turn the key off and wait at least 5 seconds. You do not take the key out of the ignition. Then you will repeat the process again. Attempt to start the vehicle, let the key come back and rest in the "On" position, the security indicator should be lit, once the indicator has gone out turn the key off for at least 5 seconds. Repeat the process for the third and final time. Attempt to start the vehicle, let the key come back and rest in the "On" position, the security indicator should be lit, once the indicator has gone out turn the key off for at least 5 seconds. The vehicle should start now.

(*) The security indicator may be a padlock icon or it may say "theft", "security" or antitheft".

During the procedure the security light should stay on solid. If it flashes you should clear the codes in the computer and start over.

If any part of the procedure was done incorrectly or interrupted you will have to start over from the beginning.

Sometimes even when everything has been done properly it may not work the first time and it may have to be tried again.

2-Crankshaft variation relearn procedure:

Once the vehicle is running a crankshaft variation relearn procedure should be performed. This procedure is done through a professional type scan tool like a Snap-on or Tech II that is capable of doing this procedure. The vehicle may leave the service engine soon light on and it may have either code P1336 or P0315 stored. You will not be able to clear those codes until the procedure has been performed. The vehicle will run normal until the procedure can be done but the service engine soon light may stay on. Most local auto repair shops should be able to do this procedure. The average cost is about \$50.00.

If your scan tool is not able to do the procedure you may have to use a Tech II (GM dealership scan tool). The Tech II is the only scan tool that we know for sure will do the procedure.