FORD

All Ford PCM (Powertrain Control Module), Ford ECM (Engine Control Module) & Ford ECU (Electronic Control Unit) from Flagship One, Inc. are precisely programmed and flashed to meet your vehicle's specific requirements.

Passive Anti-Theft System (PATS)
Type B, C, F and G

Vehicles equipped with this type of PATS is required to perform a parameter reset before the keys are properly programmed to the new PCM. Erasing the keys without performing the reset will only start the vehicle with the original PCM. This allows to reset the vehicle's PATS whenever a new PCM is installed and allows the keys to read both the PATS module and the new PCM. A scan tool with the parameter reset function is required to complete this process.

Most Ford diesels manufactured 2008 and up (6.0L Econolines and 6.4L F-series) do not have keys with transponder chips but would still require a parameter reset in order to start the replacement PCM.

PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY.

Steps for the parameter reset:
1. Use a key to cycle the ignition to RUN.
2. Enter the security access on the PATS control function module. This process takes approximately 10 minutes.
   Type B – PATS module
   Type C – Instrument cluster
   Type F – PCM
   Type G – Instrument cluster module
3. Select PARAMETER RESET and exit the security access.
4. Check the listed vehicles below. If the vehicle is not listed, skip step 5.
5. Select the PCM KEEP ALIVE MEMORY (KAM) reset.
6. Start the vehicle.

***Vehicles that require a KAM reset after performing the parameter reset before programming the keys.
   Some 1998-1999 Taurus Sable
   1998-2001 4-door Explorer or Mountaineer
   1998-2002 Crown Victoria or Grand Marquis
   1999-2000 Ranger with 3.0L engine
   2000-2005 Excursions

Important reminder: If the parameter reset has been done successfully, installing the old PCM and attempting to start the vehicle without programming the keys will <u>not start </u>the vehicle. If it starts the vehicle, the reset should be performed again until installing the old PCM does not start the vehicle. Once confirmed that it's done correctly, all keys must be erased before programming at least 2 keys to the new PCM.

KAM Reset

The KAM reset returns the PCM's memory to the default setting. This includes adaptive learning contents which includes idle speed, fuel trim, and refueling event. Part of this process is to clear the continuous Diagnostic Trouble Codes (DTCs) in the PCM and to reset the information stored in the emission monitors.

After the reset, it is necessary to drive the vehicle to allow the PCM to learn the values for optimum performance on drivability. This is because vehicles may show certain drivability issues after the reset was performed. Not all scan tools support this process (please refer to the scan tool's manufacturer's manual). If the scan tool does not support this function or an error message shows, disconnecting the battery ground cable for a minimum of 5 minutes can be used as an alternative procedure.

For any related concerns, please contact our customer service.