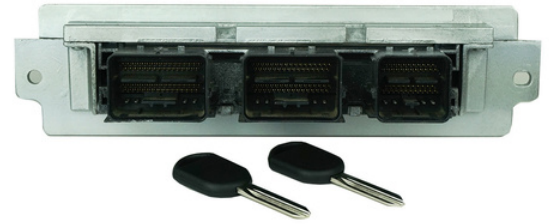


# FORD

## Passive Anti-Theft System (PATS) Programming Process

### B, C, F & G Type PATS

Your vehicle requires what Ford calls a “parameter reset” to properly program the keys. This requires a scan tool with the Parameter Reset Function. Just erasing the keys will not program the keys correctly – if your locksmith only erases keys, the vehicle will only start with the original computer. The parameter reset lets the PATS module know that there is a new PCM/engine computer in the car, and to allow the keys to be read by both the PATS module and the replacement PCM.



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

**TIP:** A quick and simple way to check to see if the parameter reset has been done successfully is to plug the “Old” PCM back in and try to start the vehicle without programming the keys – if the vehicle starts then we know that the parameter reset has not been performed. After the parameter reset has been performed, all keys must be erased before at least 2 keys are programmed to the new setup.

**NOTE:** Most 2008 and up Ford diesels (both 6.0L Econolines and 6.4L F-series) do not have chipped keys but still require a parameter reset to start once the PCM/Engine Computer has been replaced.

### PROCEDURE:

1. Cycle a key in ignition to **RUN**
2. Enter Security Access on the PATS control function module. For type B, it will be the PATS module, for type C, the Instrument Cluster, for type F, the PCM, for type G, the Instrument Cluster Module.  
(This takes 10 minutes).
3. Select “Parameter Reset” and exit Security Access.
4. Select a PCM Keep Alive Memory (KAM) reset.  
(see below for listed vehicles)
5. Start vehicle.

### VEHICLES THAT WOULD ALSO REQUIRE A “KEEP ALIVE MEMORY (KAM) RESET” AFTER PERFORMING THE “PARAMETER RESET” BUT BEFORE PROGRAMMING KEYS.

- **2000-2005** Excursions
- Some **1998-99** Taurus/Sable
- **1998-01** 4-door Explorer/Mountaineer
- **1998-2002** Crown Victoria/Grand Marquis
- **1999-2000** Ranger (3.0L only)

Resetting the KAM returns the powertrain control module (PCM) memory to its default setting. Adaptive learning contents such as idle speed, refueling event, and fuel trim are included. Clear the continuous diagnostic trouble codes (DTCs) in the PCM and reset the emission monitors information, is part of a KAM reset. After the KAM has been reset, the vehicle may exhibit certain drivability concerns. It is necessary to drive the vehicle to allow the PCM to learn the values for optimum drivability and performance. This function may not be supported by all scan tools. Refer to the scan tool manufacturer’s instruction manual. If an error message is received or the scan tool does not support this function, disconnecting the battery ground cable for a minimum of 5 minutes may be used as an alternative procedure.

### Contact Us

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