

CARDONE[™] ProTech[®]

Supporting Today's Vehicle Technician



GM Flash Reprogramming

Application

Flash reprogrammed GM Engine Control Computers on model years 1995 and above (where applicable).

Why Flash ECCs

Computer needs to be reprogrammed after repairs or does not contain the latest calibration changes to address OEM recognized driveability problems.

Solution

CARDONE offers the service or tools to Flash reprogram the replacement unit.

Options

- Call in your vehicle year, make, and model, VIN number, and OEM service number (additional information needed for trucks and Saturns), and you will have a CARDONE remanufactured and reprogrammed unit within 24 hours [Orders will be processed same day if received by 2:00 p.m. (EST)].
- Purchase a remanufactured CARDONE unit from stock and reprogram the unit at the facility of your choice.
- Return your original unit for rebuilding and reprogramming. Use Form RR101 and follow the existing R&R process.
- Invest in the tools and Flash reprogram at your facility.

Tools

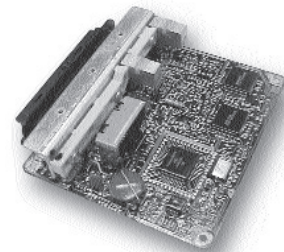
- The Pass-Thru device or scan tool capable of reprogramming the ECC.
- A CD with the latest GM Calibration files.
- An IBM compatible personal computer.

NOTE: Tools are required only if units are reprogrammed at your facility.

Vehicle Info

- VIN code information.
- Vehicle application (year, make, model).
- Transmission type (Automatic or Standard).
- Emissions type (California or Federal).
- OEM service number.

- When a replacement ECC is installed.
- When the original unit is repaired.
- When driveability problems require it.



Note

Not every ECC is Flash reprogrammable. All ECC's requiring Flash reprogramming are highlighted in red in the CARDONE Electronics catalog. Refer to the catalog for more specific application information.

Visit www.cardone.com for more details on Flash.