

# CARDONE ProTech

Supporting Today's Professional Technician



## GM FLASH Reprogramming Service

### Application:

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

### Why FLASH:

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 1:00 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 FLASH is required:

- 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](http://www.cardone.com) for more details on FLASH.

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CARDONE Industries, Inc. • 5501 Whitaker Ave. • Philadelphia, PA 19124-1799