

# CARDONE ProTech®

Supporting Today's Vehicle Technician



## CARDONE ECM/PCM Suffix Explained

**Application** All OBD II and Can Vehicles

**Details** When a CARDONE ECM/PCM or BCM ends with a letter suffix, this will indicate that programming is required. The type of programming and extent of programming depends on a few different factors explained below.

### **GM & Ford modules with the "F" suffix**

When GM and Ford application part numbers end in an "F", that means that flash programming is required ON or OFF of the vehicle. Depending on the calibration of the specific vehicle, CARDONE may have the ability to preprogram the module before it arrives. There are certain vehicles that require flash programming on the vehicle only. The flash programming must be performed at a dealership or by a trained professional to avoid any drivability problems.

**NOTE:** *Flash programming is separate from security or antitheft programming. If the vehicle has an onboard antitheft system, a relearn will be required after installation and flash programming.*

### **Chrysler PCM with the "V" suffix**

Chrysler PCM's ending with the "V" suffix will not require a full flash programming. These units simply require a VIN and mileage entry using a bi-directional scan tool. Security programming is not required. A DTC of P0633 may be present in the DTC history, however this will now illuminate the check engine light (CEL) and will disappear once all readiness monitors and vehicle drive cycles have been completed.