

Module Name	Module Address	Programmable Module Installation (PMI) Available	Reprogram/Flash Capable	Requires Adaptive Learning or Calibration	Available Programmable Parameters
IPC	720	Yes	Yes	No	• Day/year • Digital speedometer • Driver Belt-Minder, &#x2122; • Hood ajar warning • Intelligent Access (IA) menu • Maintenance settings • Mid-passenger Belt-Minder • MyKey, &#x2122; • MyKey speed limiter • MyKey volume limit • Passenger Belt-Minder • Remote start climate settings ▪ Driver seat ▪ Passenger seat ▪ Rear defrost • Remote start feature • Trailer control (off road package) • Trailer lighting • Trailer sway
IPMA	706	Yes	Yes	• Camera calibration	None
IPMB	7B1	Yes	No	• Camera calibration	None
OCS	765	No	No	• OCSM re-zero	None
PACM	750	No	No	No	None
PAM	736	Yes	Yes	No	None
PCM	7E0	Yes	Yes	No	None
PDM	741	Yes	Yes	• Windows initialization	None
PSCM	730	Yes	Yes	No	None
RCM	737	Yes	Yes	No	None
RHVAC module	785	No	No	No	None
RGTM	775	Yes	Yes	No	None
RTM	751	Yes	Yes	No	None
SOBDM (Battery Charging Control Module [BCCM])	7E2	Yes	Yes	No	None

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SOBDMC	7E6	Yes	Yes	No	None
SCMG	712	Yes	No	No	None
SCMH	713	Yes	No	No	None
SCMJ	787	Yes	No	• Third row seat learning	None
SCCM	724	Yes	Yes	No	None
SODL	7C4	Yes	Yes	No	• BLIS/ CTA enable/disable
SODR	7C6	Yes	Yes	No	• BLIS/ CTA enable/disable
TCU	754	Yes	No	No	None
TRM	791	Yes	Yes	No	None
WACM	725	Yes	No	No	None

General Procedures

Module Programming

Check

NOTE: Perform the following pre-checks to make sure module programming completes without errors.

1. Start the programming session in KOEO.
2. Make sure the vehicle battery is fully charged or is connected to a battery charger. The battery state of charge should be 12.6 - 13.6 volts during vehicle programming.
3. **NOTE:** A good internet connection is necessary.
Inspect the VCM II or VCMM and cables for damage. Make sure cables remain connected throughout the programming procedure.
4. Turn off all unnecessary accessories, such as radio, A/C, climate controlled seats, headlamps, interior and demand lamps.
5. Disconnect any aftermarket accessories, such as remote start, security alarm and power inverter.
6. For Plug-in hybrid and electric vehicles, disconnect the external charge cord from the charge port.
7. Disable Microsoft Windows sleep mode, screensaver and hibernation modes.

Programming

NOTE: If the diagnostic software does not load or if the vehicle cannot be identified properly, make sure there is a good internet connection and the VCM II or VCMM is properly connected to the DLC.

1. Log into FDRS.
2. **NOTE:** Vehicle information is automatically retrieved by the diagnostic software and a Network Test is run. Vehicle identification data appears on the screen when this is complete.

Click 'Read VIN from Vehicle' or manually enter the VIN.

3. **NOTE:** Available modules are shown on the LH side of the screen, and available procedures are listed on the RH side of the screen. Modules that are communicating are highlighted in green.

Select Toolbox tab.

4. **NOTE:** If a module is integrated within another module, both modules will automatically program during this process. For example, if the ACM is selected, the DACMC (if integrated with the ACM) is also programmed.

From the list on the LH side of the screen, select the module that requires a programming procedure to be completed.

5. From the list on the RH side of the screen, select PMI or Module Configuration.
6. Click RUN. Follow all on-screen instructions carefully.

Recovery

NOTE: Perform the following steps when programming has resulted in a blank module.

1. Disconnect the VCM II or VCMM from the DLC and PC.
2. Launch FDRS and log in.
3. In the Device Manager window that populates, select CANCEL.
4. Select the appropriate VIN from the Vehicle Identification menu or use Manual VIN Entry and select GO.
5. In the Vehicle Communication Device Not Detected window that populates, select CONTINUE. If a Device Explorer window populates, select CANCEL.
6. After the session has started, reconnect the VCM II/ VCMM to the DLC and the PC. The VCM II/ VCMM icon should turn green in the bottom right corner of the screen. If it does not, troubleshoot the FDRS to VCM II or VCMM connection.