

Accessory Protocol Interface Module (APIM) Custom Programming

Special Tool(s)

 ST2834-A	Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent diagnostic scan tool.
 ST3256-A	SYNC® Re-Flash Kit CCMSYNC-KIT or equivalent [Tools are also available individually CCMUSB2-AM-AM-10 (cable) and CCMUSB-AF-BF5 (adapter)]

NOTE: Use this procedure to show all available software options, including Applications, that can be programmed into the APIM when upgrades become available, or as directed by a TSB. For additional information about choosing the correct APIM programming procedure, refer to [Information and Entertainment System](#), APIM Programming.

NOTE: A USB flash drive with a minimum storage size of 1 gigabyte (GB) may be required for this procedure.

NOTE: Some programming files are large (greater than 2 gigabytes). It is important that the diagnostic scan tool has enough available hard drive space to accommodate the programming file download. If a "Disk Space Error" is received, create additional free space on the hard drive.

NOTE:

- To prevent timeout errors and to minimize programming time, a hardwired Internet connection is strongly recommended when programming.
 - During programming, the vehicle display may go blank momentarily.
 - Make sure the diagnostic scan tool is plugged into a power supply due to the length of programming time.
 - Close the IDS program before attempting to perform this procedure.
1. Connect a battery charger set on low.
 - When connecting the charger, the negative battery charger lead must be connected to a clean chassis ground, not the negative battery post.
 2. Place the ignition in the ON/RUN position.
 3. Connect the diagnostic scan tool and VCM to the vehicle.