

Accessory Protocol Interface Module (APIM) Programming

Special Tool(s)

 ST2834-A	Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent diagnostic scan tool
 ST3051-A	Universal Serial Bus (USB) Male-A to Male-A Cable CCMUSB2-AM-AM-10 or equivalent

Accessory Protocol Interface Module (APIM) Programming Using the Integrated Diagnostic System (IDS)

NOTE:

- If a new Accessory Protocol Interface Module (APIM) is being installed, install the new APIM before carrying out the following procedure. Refer to the appropriate section in Group [415](#) for the procedure.

NOTE:

- The programming procedure deletes any phones that were paired with the SYNC® system.
- To prevent timeout errors and to minimize programming time, a hardwired Internet connection is strongly recommended when programming.
- A file of approximately 80 megabytes needs to be downloaded from the online database for the programming. Allow extra time for the file to download.
- The USB male A to male A cable (CCMUSB2-AM-AM-10 or equivalent) is required.
- The diagnostic scan tool is required.
 - Ensure that the IDS version and patch software levels are up to date.
- Make sure the diagnostic scan tool is plugged into a power supply due to the length of programming time.

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- Close the IDS program before attempting to program the Accessory Protocol Interface Module (APIM).
- 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.
- Connect one end of the USB male-A to male-A cable to the diagnostic scan tool, and the other end to the vehicle's USB port.