SENTRY KEYS

Programming Blank Sentry Keys Using Customer Learn Method

This procedure is to program additional sentry keys (up to 8) beyond the existing 2 Sentry Keys. At least 2 Sentry Keys programmed to current module must be available for programming of additional keys. If 2 Sentry Keys are not available, go to **PROGRAMMING BLANK SENTRY KEY USING SCAN TOOL** .

Perform this procedure for each new blank Sentry Key.

1. Insert first valid ignition key into ignition lock cylinder and turn ignition to on for 5 seconds.
2. Turn ignition off and remove first valid ignition key from ignition lock cylinder.
3. Within 15 seconds of removing first valid ignition key, insert second valid ignition key into ignition lock cylinder and turn to on position.
4. When Sentry Key indicator on instrument cluster begins to flash and a single chime is heard (about 10 seconds after turning ignition on), turn ignition off and remove second valid ignition key.
5. Within 60 seconds of removing second valid ignition key, insert blank Sentry Key into ignition switch and turn on. Sentry Key indicator on instrument cluster will continue to flash and a single chime will be heard (about 10 seconds after turning ignition on). The Sentry Key indicator will stop flashing, then turn on and off once. The blank Sentry Key is now programmed.

Programming Blank Sentry Keys Using Scan Tool

1. Once key blank is cut, insert key into ignition switch. Turn ignition on.
2. Using scan tool, select THEFT ALARM, then SKIM. Select MISCELLANEOUS.
3. Using scan tool, select PROGRAM NEW KEY.
4. Enter 4 digit PIN code.
5. When programming is completed, SKIM will exit SECURED ACCESS mode and display status of key. One of five different status messages may be displayed as follows:

   - **PROGRAMMING SUCCESSFUL**

     will be displayed if SKIM smart key programming succeeds.

   - **LEARNED KEY IN IGNITION**

     will be displayed if key in the ignition has already been programmed into vehicle's SKIM.

   - **8 KEYS ALREADY LEARNED, PROGRAMMING NOT DONE**

     will be displayed if 8 keys have already been programmed into SKIM. If a new key needs to be added due to a lost or defective key, the ERASE ALL KEYS function has to be performed. Original 7 keys plus additional new key may then be reprogrammed into SKIM.

   - **PROGRAMMING NOT ATTEMPTED**

     will be displayed after an ERASE ALL KEYS function is executed.

   - **PROGRAMING KEY FAILED**

will be displayed if further diagnosis is required.

6. To program additional keys, turn ignition off. Remove current programmed key and insert next new blank key. Turn ignition on. Re-enter SECURED ACCESS mode function and go to step 1 .