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2005 HUMMER H2 | H2 (VIN N) Service Manual | Document ID: 901653

Transmitter Programming

Important: Do not operate or program the transmitters in the vicinity of other vehicles that are in the keyless entry program mode. This prevents the programming of the transmitters to the incorrect vehicle.

There are 3 methods for programming transmitters, which are listed below as methods 1-3. Up to 4 transmitters may be programmed to the passenger door module (PDM). Each programmed transmitter is given a position of #1-#4 in the PDM memory.

Method 1 - No Tools Required, Program All Transmitters

Important: All transmitters which are to be recognized by the PDM must be programmed in a single programming sequence. When using this program method, all previously programmed transmitters will be erased upon the receipt of the programming signal from the first transmitter.

The order in which the transmitters are programmed will determine its numbering position within the PDM memory. The first transmitter programmed will be transmitter #1, and the second transmitter programmed will be transmitter #2. The number stamped on the transmitter case is for reference only; #2 can be programmed as #1, or vice versa. Additional unnumbered transmitters are also available.

- Close all the vehicle doors.
- Insert the ignition key into the ignition lock cylinder.
- Press and hold the door unlock switch.
- While holding the door lock switch in the unlock position, cycle the ignition ON, OFF, ON, OFF.
- Release the door unlock switch. The doors will lock and unlock to confirm the program mode.
- Press and hold the LOCK button and the UNLOCK button simultaneously on one transmitter. After a delay of approximately 15 seconds, the doors will lock and unlock to confirm the programming of that transmitter.
- Repeat the previous step to program up to 4 transmitters.
- Turn the ignition switch to the RUN position in order to exit the keyless entry transmitter programming mode.
- Operate the transmitter functions in order to verify correct system operation.

Method 2 - Scan Tool Required, Program Individual Transmitter

Important: All transmitters which are to be recognized by the PDM must be programmed in a single programming sequence. When using this program method, all previously programmed transmitters will be erased upon the receipt of the programming signal from the first transmitter.

The order in which the transmitters are programmed will determine its numbering position within the PDM memory. The first transmitter programmed will be transmitter #1, and the second transmitter programmed will be transmitter #2. The number stamped on the transmitter case is for reference only; #2 can be programmed as #1, or vice versa. Additional unnumbered transmitters are also available.

Only use this option if you are certain which transmitter, #1-#4, is being replaced, or the new transmitter can be programmed into a previously unused position within the PDM memory.

• Install a scan tool.

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- Turn the ignition ON, with the engine OFF.
- Use the scan tool in order to access the passenger door module Special Function menu.
- Select Program Individual Key Fob to program specific transmitters.
- Follow the directions on the scan tool in order to program the transmitter or transmitters.
- Operate the transmitter functions in order to verify correct system operation.

Method 3 - Scan Tool Required, Program All Transmitters

Important: All transmitters which are to be recognized by the PDM must be programmed in a single programming sequence. When using this program method, all previously programmed transmitters will be erased upon the receipt of the programming signal from the first transmitter.

The order in which the transmitters are programmed will determine its numbering position within the PDM memory. The first transmitter programmed will be transmitter #1, and the second transmitter programmed will be transmitter #2. The number stamped on the transmitter case is for reference only; #2 can be programmed as #1, or vice versa. Additional unnumbered transmitters are also available.

- Install a scan tool.
- Turn the ignition ON, with the engine OFF.
- Use the scan tool in order to access the passenger door module Special Function menu.
- Select Program All Key Fobs to clear the PDM memory.
- Follow the directions on the scan tool in order to program the transmitters.
- Operate the transmitter functions in order to verify correct system operation.