



Preliminary Information

PIC6208E Diagnostic Aids: Adding A Transmitter or Key Without Service Programming System (Quick Learn)

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
All	All	2017 - 2021	All	All	All	All

Except 2017 Buick Enclave, Chevrolet Express, 2017 Chevrolet Traverse, GMC Acadia Limited and GMC Savana

Supersession Statement:

This PI was superseded to update model years. Please discard PIC6208D.

Condition / Concern

A customer or technician may indicate when attempting to add a new transmitter or key to a vehicle following the adding transmitters without SPS procedure. The procedure will not complete, a message "Remote Learn Pending" will be displayed on the DIC, and if a keyed ignition, the key will not start the vehicle and the theft security light will remain on.

Recommendations / Instructions

Quick Learn Procedure for 2017 Keyed Models

New for 2017, two keys that are already programmed need to be present in order to use the quick learn procedure for adding keys to GM models, excluding 2017 Acadia Limited, Enclave, Traverse, Express and Savana. On 2016 and earlier models, only one learned key is needed to perform the quick learn procedure



Programming Additional Keys

To program a new key for keyed vehicles:

1. Insert the original, already programmed key in the ignition and turn the key to ON/RUN.
2. Turn the key to LOCK/OFF, and remove the key.
3. Within five seconds, insert the second already programmed key in the ignition and turn it to ON/RUN.
4. Turn the key to LOCK/OFF, and remove the key.
5. Within five seconds, insert the new key to be programmed and turn it to ON/RUN. The theft security light will turn off once the key has been programmed.
6. Repeat these steps to program additional keys.

TIP: If only one learned key is present, SPS must be used to add additional keys. The quick learn procedure will not complete with only one learned key. Using only one key for the quick learn procedure will cause the theft security light to illuminate when attempting to start the vehicle.

The adding keys procedure does not erase any keys prior to programming. The procedure will simply program the key into the next available slot. Use this procedure when adding an additional key to the vehicle.

If all keys are lost, the 30 minute learn procedure should be used. Once a key is learned with this procedure, all previously known keys will no longer work with the vehicle.

If keys/fobs of vehicles with under 100 miles are lost or damaged in transit/transportation to the dealership, use labor code 0500010.

Two Fobs Needed for RKE Transmitter Quick Learn on 2017 Models

For 2017 model year vehicles, excluding Acadia Limited, Enclave, Traverse , Express and Savana models, adding a new Remote Keyless Entry (RKE) transmitter, or key fob, using the quick learn procedure requires that two previously learned transmitters be present.



TIP: If only one transmitter is present, the procedure will not complete and a Remote Learn Pending message will display on the vehicle's Driver Information Center. The new transmitter will not be learned and cannot be reprogrammed.

If only one transmitter is available, use SPS to add a new transmitter to the vehicle instead of the quick learn procedure.

On 2016 and earlier model years, only one previously learned transmitter is needed to be present to perform the quick learn procedure.

Programming Additional Transmitters

The Adding Transmitters, also referred to as Adding Keys, programming does not erase any keys. The programming simply adds a key into the next available slot. Up to eight transmitters can be learned to a single vehicle. If a new transmitter is being learned to replace a damaged, inoperative, or stolen transmitter, follow the Replacing Transmitters procedure found in SI to ensure that an old transmitter cannot be used.

Before performing the quick learn procedure to add a transmitter, verify all mechanical keys operate correctly in the door.

The quick learn procedure typically requires the two previously learned transmitters to be placed in the vehicle cupholder in the center console or to turn the ignition on/off with both transmitters.

To initiate programming, each new transmitter is placed in the transmitter pocket, which is located in the center console storage compartment. The ignition is turned to the ON position (do not crank the engine). The vehicle theft light on the instrument cluster will turn off or the Driver Information Center will indicate the key/transmitter is learned.

Be sure to keep other transmitters at least 12 inches (30 cm) away from the ignition switch or transmitter pocket while learning.

Refer to the appropriate Service Information for complete details on RKE transmitter programming for each specific GM model.

Warranty Information

For wiring repairs covered under warranty, please refer to latest version of bulletin [10-00-89-005](#) for warranty information on wire/connector repairs.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Additional SI Keywords

fob, key, learn, pocket, RKE



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