



Service Bulletin

PRELIMINARY INFORMATION

Subject: Information for Programming More Than 8 Keys

Models: 2014 Chevrolet Caprice PPV
Equipped with RPOs AU7, 6E3/6E4

Attention: This PI only applies to vehicles that have not had the BCM replaced or reprogrammed prior to August 1, 2014.

This PI has been revised to add the first Important statement in the RKE section, update information and update the Warranty Information. Please discard PI1208B.

Note: 2014 BCM as built software limited the key quick learn process to only be able to learn 8 keys. This new BCM software update allows unlimited keys (not RKE after the first 8) to be quick learned.

The Caprice PPV can be ordered with a fleet key option, RPO AU7. This option allows for an unlimited number of keys to be programmed into the Vehicle Theft Deterrent (VTD) module. Vehicles with this RPO arrive with 2 keys already programmed to the vehicle and may have a package of 6 additional keys (RPO AMF) that are not programmed. The latest version of PI1195 provides details for programming the 6 additional keys to the vehicle.

Note: Fleet keys will start and operate other like vehicles. RKE keys (FOBS) will only work on vehicles they were programmed to.

This PI will explain how to program more than 8 keys to work with the vehicle.

Important: Make sure the vehicle is out of transport mode and ignition off for at least 15 seconds before trying to program any keys.

All vehicles with Global A electrical systems can learn up to 8 key fobs. The PPV is different with the ability to learn additional keys (not FOBS).

The Vehicle Theft Deterrent (VTD) and Remote Keyless Entry (RKE) components are located on the same circuit board within the key. When a key is programmed to the vehicle, both VTD and RKE components are learned at the same time.

Non RKE Key



RKE Key



2014 vehicles will need to have the BCM updated if you want to program more than 8 keys.

Important: After updating the BCM software, technicians should clear all previously learned key “slots” in the BCM. If these are not cleared, the BCM will not learn more than 8 keys. Perform an Immobilizer learn with SPS. A minimum of 2 Keys are needed to learn the immobilizer. Select Immobilizer Function - Immobilizer Learn then select the Program Transponder or Remote Key function and follow the onscreen instructions.

After BCM software has been updated, any key that needs to be learned can be quick learned. Refer to Key with Integrated Transmitter Programming in SI or the latest version of PI1195.

Important: RKE Keys must be programmed first if you want them to operate with the remote function to that vehicle. Only 8 RKE keys can be learned to a vehicle (2 original and up to 6 additional RKE keys).

Note: The BCM has a maximum of 8 “slots” that can be programmed. The first 8 slots should be used for programming RKE keys. After the first 8 slots have been filled, an unlimited number of keys (non-RKE) can be quick learned. RKE keys can be used, but the remote functions will not work on any vehicle.

Parameter Name	Control Module	Value
Environment Identification	Body Control Module	Unknown
Key Part Number	Body Control Module	0
Master Keys Learned	Body Control Module	0
Total Keys Learned	Body Control Module	7
Key Type	Body Control Module	Fleet Key
Previous Key Type	Body Control Module	Fleet Key
Primary Key Status	Body Control Module	Yes
Secondary Key Status	Body Control Module	No
Immobilizer Allows Engine to Start	Body Control Module	Valid
Immobilizer Automatic Learn Timer	Body Control Module	Inactive
Immobilizer Environment Device 1	Body Control Module	Correct
Immobilizer Environment Device 2	Body Control Module	Correct

Note: The GDS2 learned keys will stop counting at 7. Once it hits 7, learn one additional key – do these first keys via 1 key quick learn.

Key Fob 2 Identifier	Body Control Module
Key Fob 2 Status	Body Control Module
Key Fob 3 Battery Status	Body Control Module
Key Fob 3 Function	Body Control Module
Key Fob 3 Identifier	Body Control Module
Key Fob 3 Status	Body Control Module
Key Fob 4 Battery Status	Body Control Module
Key Fob 4 Function	Body Control Module
Key Fob 4 Identifier	Body Control Module
Key Fob 4 Status	Body Control Module
Key Fob 5 Battery Status	Body Control Module
Key Fob 5 Function	Body Control Module
Key Fob 5 Identifier	Body Control Module
Key Fob 5 Status	Body Control Module
Key Fob 6 Battery Status	Body Control Module
Key Fob 6 Function	Body Control Module
Key Fob 6 Identifier	Body Control Module
Key Fob 6 Status	Body Control Module
Key Fob 7 Battery Status	Body Control Module
Key Fob 7 Function	Body Control Module
Key Fob 7 Identifier	Body Control Module
Key Fob 7 Status	Body Control Module

To view the list of 8 slots in the BCM, follow: Module Diagnostics>Body Control Module>Data Display>Remote Function Actuator Data.

Note: You must have all of the keys present that will be learned to the vehicle. This includes the original 2 keys that were programmed to the vehicle and also the additional 6 keys that were ordered with the AMF option.

Clear any DTCs.

After the BCM has been updated, under the hood on the strut tower, mark with a paint pen the date the BCM was updated. "BCM Updated xx/xx/xx"

Key/Transmitter Assembly



1. RKE Key

Part Number	Description
Refer to Parts/RPO information for ordering	Key/Transmitter Asm, Door Lock and Ignition Lock, (CUT KEY) Master (AX2) Random Cut
13585687	Key/Transmitter Asm, Door Lock and Ignition Lock, (UNCUT KEY) Master (AX2) Key Blank
Refer to Parts/RPO information for ordering	Key/Transmitter Asm, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3)
Refer to Parts/RPO information for ordering	Key/Transmitter Asm, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E4)
13585688	Key/Transmitter Asm, Door Lock and Ignition Lock, (UNCUT KEY) Fleet (AU7) Key Blank (6E3/6E4)

Key/Transmitter Assembly



2. Non RKE Key

Part Number	Description
Refer to Parts/RPO information for ordering	Key, Door Lock and Ignition Lock, (CUT KEY) Master (AX2) Random Cut (Basic Key with Blank Transmitter)
92271667	Key, Door Lock and Ignition Lock, (UNCUT KEY) Master (AX2) Key Blank (Basic Key with Blank Transmitter)
Refer to Parts/RPO information for ordering	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3) (Basic Key with Blank Transmitter)
Refer to Parts/RPO information for ordering	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E4) (Basic Key with Blank Transmitter)
92271668	Key, Door Lock and Ignition Lock, (UNCUT KEY) Fleet (AU7) Key Blank (6E3/6E4) (Basic Key with Blank Transmitter)

KIT



2. Package of 6 Basic Keys-Non RKE

Part Number	Description
Refer to Parts/RPO information for ordering	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3) (Package of 6 Basic Keys with Blank Transmitter)

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2880988*	Immobilizer Learn and Body Control Module Reprogramming with SPS	1.0 hr
*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.		

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