



NUMBER: 18-066-21

GROUP: 18 - Vehicle Performance

DATE: August 12, 2021

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SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

This bulletin involves reprogramming the PCM with the latest available software.

MODELS:

2021 (LD) Dodge Charger

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles equipped with a 6.2L Supercharged Hemi V8 HO Engine (Sales Code ESJ) with SRT Performance Pages (Sales Code JAV).

SYMPTOM/CONDITION:

Customer may request enhanced valet mode for their vehicle to limit vehicle speed.

- This will deter any unwanted drive off of the vehicle without the customers knowledge.
- Requires owner to input a 4-digit pin to enable/disable the feature. This is only possible at vehicles speeds less than 8 kmh (5 mph).

DIAGNOSIS:

Using a Scan Tool (wiTECH 2) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above, perform the Repair Procedure **only with customers approval.**

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

NOTE: Check with the customer first that they understand and want this enhanced valet mode software update, before proceeding with this service bulletin.

1. Did the customer approve this software flash to be performed?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> Do not perform this software update, no further action is needed.

NOTE: You will be presented with two software flash files, select this one (2021 LA 6.4L PCM ENHANCED SECURITY VALET):

- **wiTECH Pop up: Attention! This PCM ECU flash reprogramming file contains an Enhanced Security Valet Mode. Please confirm with the vehicle owner and refer to service actions for additional information regarding this Enhanced Security Valet Mode operation.**
2. Reprogram the PCM with the latest available software. Detailed instructions for flashing control modules using the wiTECH 2 Diagnostic Application are available by selecting the application's "HELP" tab.
 3. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH 2 application will automatically present all DTCs after the flash and allow them to be cleared.
 4. Confirm Enhanced Security Valet Mode is functioning. In a safe location, with the engine running, press the SRT button ahead of the shifter on the center stack. Select DRIVE MODES, VALET, then select YES. Add any 4-digit code. Place the vehicle in gear, and apply the throttle. The engine should remain at idle speed, or experience a very slight rise in engine rpm.
 - With throttle application, the engine will approximately maintain idle speed. It may surge or stumble, but minimal motive power (or driving power) will be provided. If the vehicle responds as stated, shift back to Park and exit Enhanced Security Valet Mode.
 - If vehicle speed is not limited with throttle application, repeat the flash procedure [Step 2](#).
 5. After verification the take the vehicle out of valet mode and return to the customer.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

NOTE: Please submit claims for this TSB under claim type S.

Labor Operation No:	Description	Skill Category	Amount
18-Y5-71-82	Module, Powertrain Control (PCM) - Reprogram w/ Enhanced Security Valet Mode Feature (0 - Introduction)	1 - Engine Repair and Performance	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code the 3C's (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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