



WARRANTY BULLETIN WARRANTY CAMPAIGN

CAUTION: All involved customers must be notified, all involved units must be corrected as per instruction herein.

Campaign no.: 2021-0004
2022-0006

April 13, 2022

Subject: **Engine Starting Issue - Low Compression**

No. **2022-4**

MODEL YEAR	MODEL	ADMISSIBLE UNITS
2021 (built after 2021-01-01) Some 2022	Spyder RT Spyder F3	Go to BOSSWeb/Warranty/Campaign Monitoring to know the quantity of units in your inventory impacted by this campaign

IMPORTANT

- When a vehicle comes in for service, always type the VIN in Knowledge Center to check for pending campaigns or alerts.
- When performing any work on a vehicle, it is good practice to connect it to BUDS2 to ensure that all needed updates are done.



PROBLEM

On MY21 (built after 2021-01-01) and some MY22 Spyder RT and F3 units engine may not start due to low compression which can be caused by carbon deposits in combustion chambers.

SOLUTION

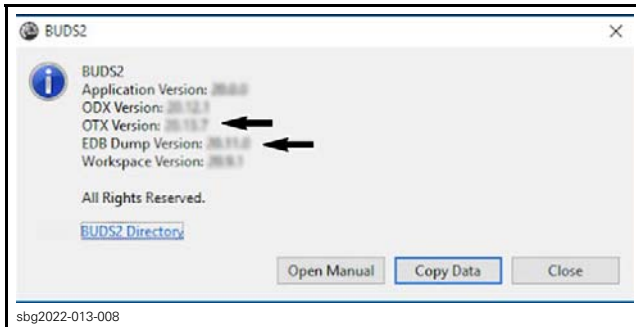
Reflash the vehicle's ECM using new BUDS2 file will allow vehicle to start with lower compression.

UPDATE PROCEDURE

Verifying BUDS2 Version

Ensure that the BRP diagnostic software (BUDS2) is updated to the required version.

1. Start BUDS2 and logon.
2. In BUDS2, go to:
 - About page
3. Validate the following:
 - OTX Version: **22.7.0** or newer
 - EDB Dump Version: **22.7.0** or newer.



If the information is different, connect the computer to Knowledge Center to update BUDS2.

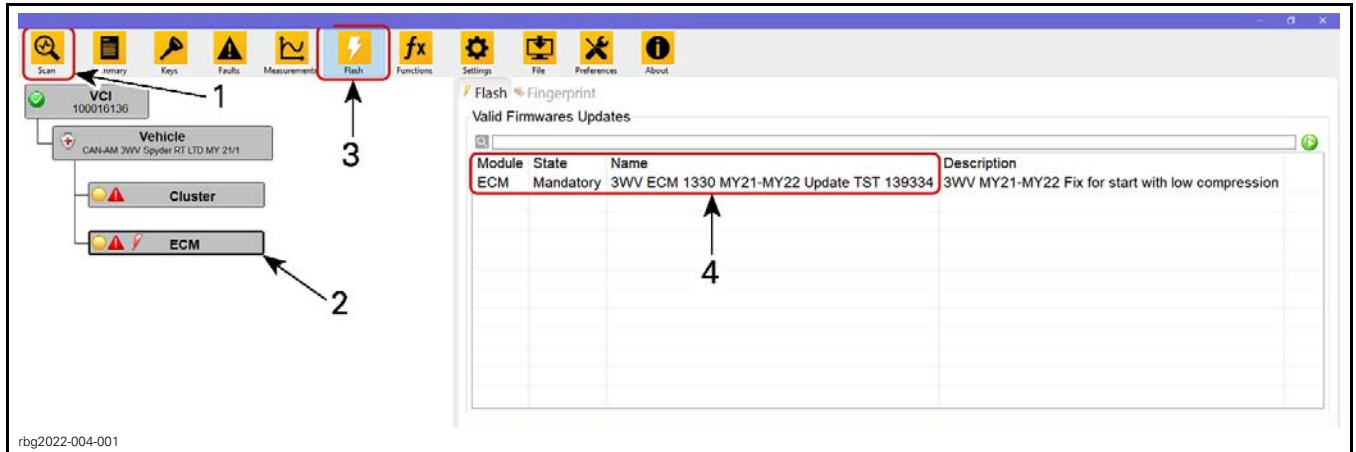
Powering the Vehicle When Using BUDS2

NOTICE Make sure the unit's battery is fully charged before undertaking this operation. Never use a battery charger to temporarily substitute the battery as it may cause the ECM to function erratically, or not at all.

NOTICE Continuous power to the computer is mandatory while performing this operation.

Vehicle Programming

1. Connect the vehicle to the BRP diagnostic software (BUDS2).
2. In BUDS2, go to:
 - Select **Scan** page
 - Select **ECM** button
 - Select **Flash** tab.
 - Double click on Mandatory Flash File to install.



TYPICAL

1. Scan page
2. ECM button
3. Flash tab
4. File Name(s) to Update

3. Select the software update file in the *VALID FIRMWARE UPDATES* window.
4. Follow the on-screen instructions.

Once the software update is completed, a message box will confirm that the operation was successful. Additional information table below are for all file versions (before and after).

Engine Control Module

BRP ASSEMBLY NUMBER		SOFTWARE FILE NAME	
BEFORE	AFTER	BEFORE	AFTER
0420464502 / 0420464269	420464535	N/A	7C1177OA7VMS2
0420464515 / 0420464271	420464534	N/A	7C1177OD5VMS9
0420464501 / 0420464279	420464533	N/A	7C1177OD6VMS7

NOTE: N/A because the BRP Assembly Number is directly link to a Software File Name therefore no need to double check the Software File Name before the reflash. There are 3 files depending on the vehicle model and on the market (world region).

If the software update reference numbers are not as per the *AFTER* column, repeat the whole procedure.

WARRANTY

Submit a warranty claim using the following information.

For claiming procedure, refer to the **online DEALER/DISTRIBUTOR WARRANTY GUIDE**.

MY21 Models

Product Line	Roadster
Unit Model Year	2021
Campaign / Bulletin / Description	4 / 2022-4 / Engine starting issue
*Action	
Inspect <input type="checkbox"/>	Repair <input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2027

MY22 Models

Product Line	Roadster
Unit Model Year	2022
Campaign / Bulletin / Description	6 / 2022-4 / Engine starting issue
*Action	
Inspect <input type="checkbox"/>	Repair <input checked="" type="checkbox"/>
Total Labor time paid	0.3 hour
Expiration date	October 31, 2027