



Revision 1.00 • 31/10/2023

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Prerequisites

- Your car should be in a run-and-drive condition.
- If you had a failed flash at 3%, make sure to flash back to stock first.
- Battery should be charged.
- F series B58/B48 engines are supported up to production 06/2020.
- You should own and have activated either Flasher or Super license for your VIN.
- You acknowledge all the risks associated with the use of MHD Unlocker.

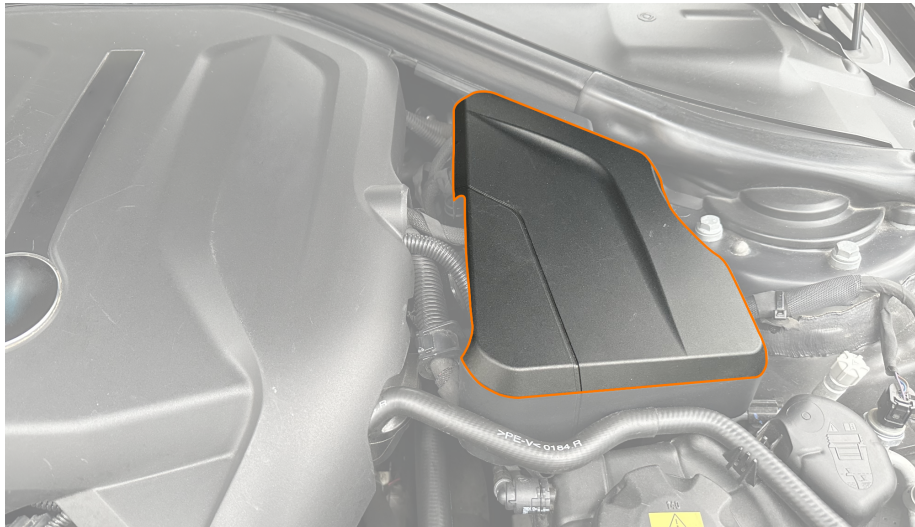
Disclaimer

MHD will not hold any liability for any loss caused by using the MHD Unlocker.

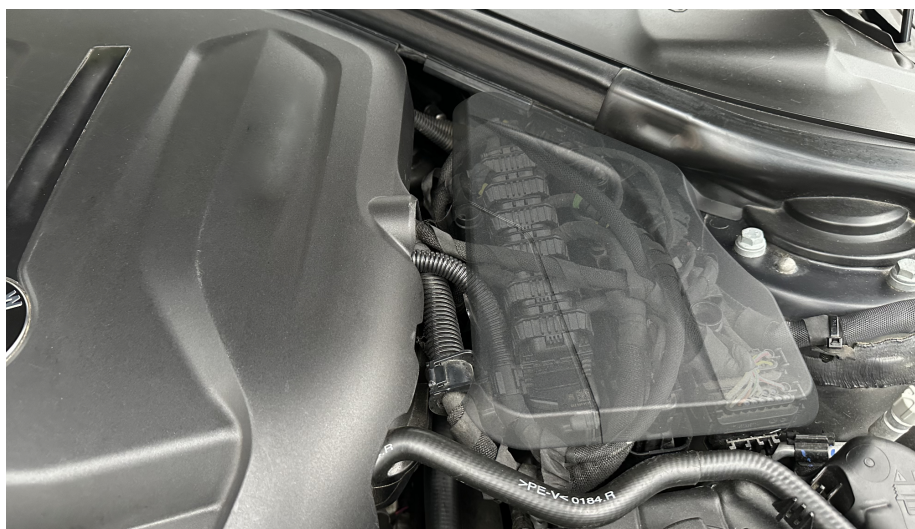
Unlock Process

Unlock process is done with a direct connection to your DME which is located in the engine bay.

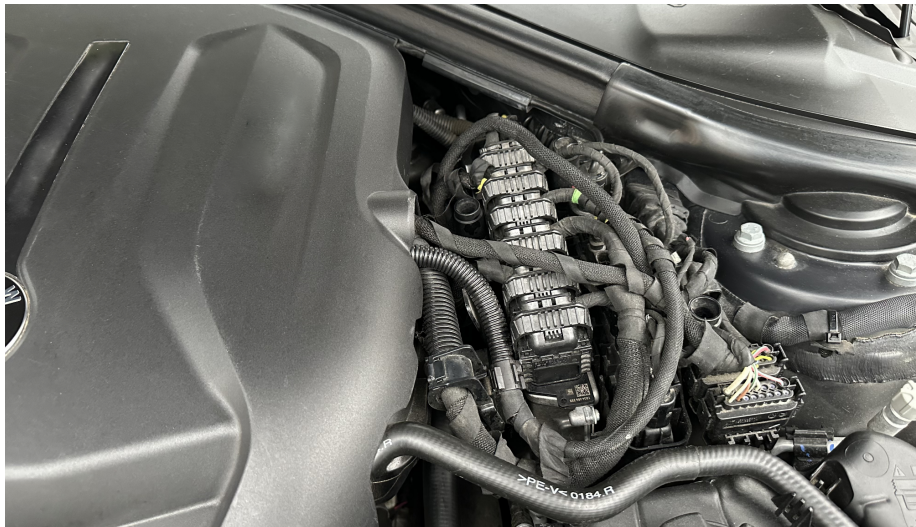
STEP 1: Uncover DME



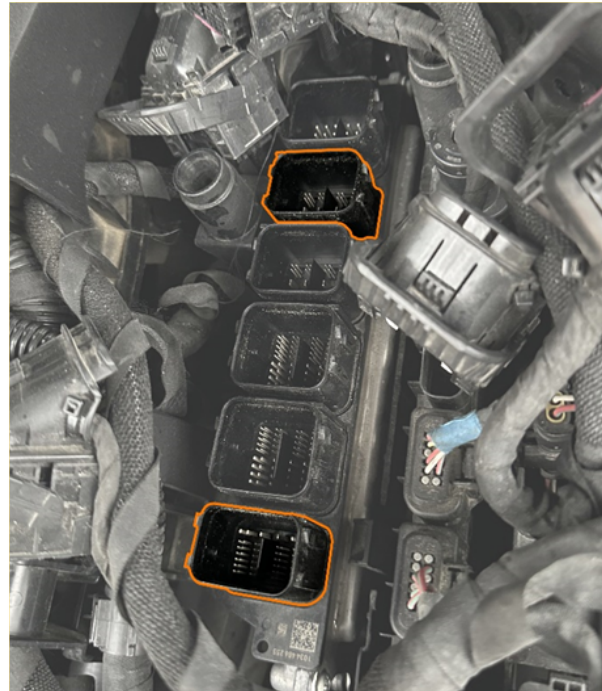
- Locate DME's cover under the hood.
- Pull it up – it's held by rubber inserts and should come off easily.
- Connectors we need to detach are located underneath the cover.



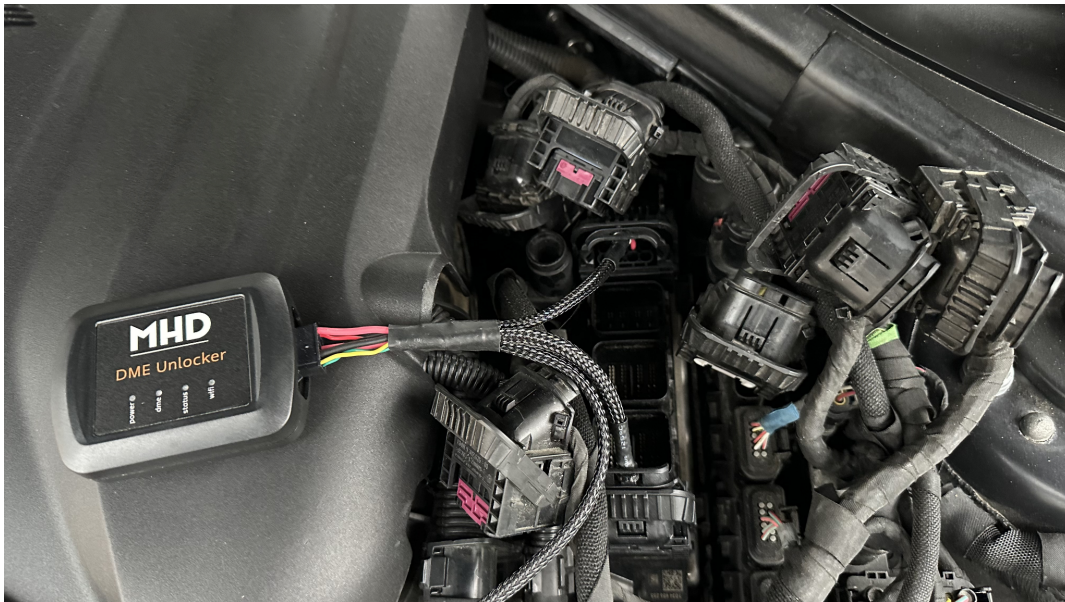
STEP 2: Unplug DME



- Open the locks and remove all 6 connectors from the DME.
- We will need to use #1 and #5 (from the front of the car)
- Did you REALLY remove ALL of them? It's important.



STEP 3: Plug the unlocker in

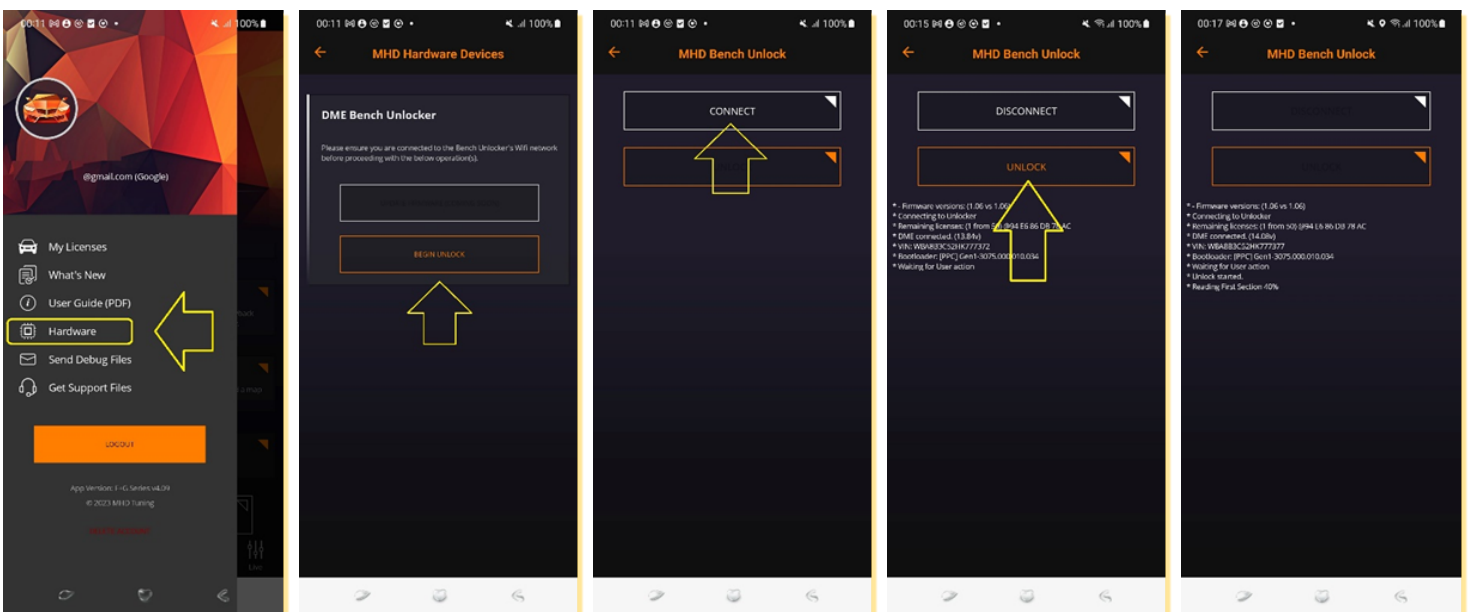


- Connect Unlocker to the DME, lock the connectors.
- Next, connect alligator clips to the jump-start terminals.
- Red alligator clip goes to the red terminal.
- Black connects to the body as shown below.



STEP 4: Application

- Connect your phone to WIFI SSID named MHD Bench password 12345678
- Go to the Side Menu, Hardware, then DME Bench Unlock
- Press the BEGIN UNLOCK button.
- Next, press the CONNECT button.
 - wait for the unlocker to locate your DME, takes some time
 - if firmware update is started, wait, restart the app and then start over at step 4
- Press the UNLOCK button and wait for the result.

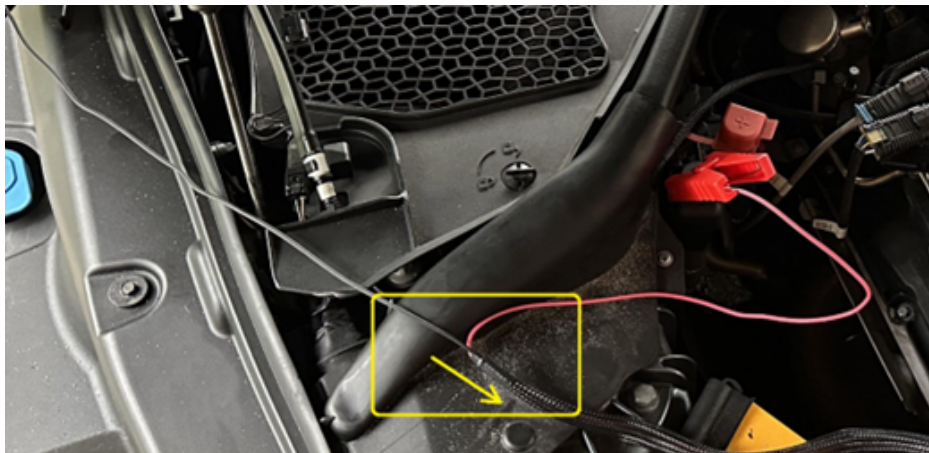


STEP 5: Reassemble

- Disconnect the Unlocker's alligator clips.
- Unplug the Unlocker's DME connectors.
- Connect OEM connectors back to the DME.
- Put the DME's cover back.

FAQ

- Application reported Success, but after reassembling everything, the car does not fire up. Many different errors in the DME's memory, or it can not be contacted at all.
 - *The most common case is that some of the latches on the DME connectors are locked before the connector is seated well. Please go ahead and re-check all the connectors on the DME*
- The length of the positive/negative wire is not enough.
 - *The sleeve can be pulled down to allow more separation between positive and negative wires.*



- Application reports "Unable to connect."
 - *Remove positive and negative alligator terminals, remove all connectors from the DME and restart the whole process from the very beginning.*
 - *Another case could be that you had a failed flash prior to the unlock, so the DME needs to be recovered with the usual, OBD way. Flashing "Back to Stock" would do that. After flashing back to stock, you can retry unlocking the DME starting with step 1.*

Revision History

Version	Notes	Date	Updated By
1.00	Initial creation of new user guide	6/14/2020	R.T.