



PERFORMANCE PROGRAMMER

QUICK START GUIDE

GM Duramax 07 -16 | Ford Power Stroke 08 - 19 | Dodge RAM Cummins 07.5 - 21

PARTS & CHECKLIST

- Mini Maxx Device
- OBD II Adapter Plug
- Windshield Mount
- HDMI Cable
- SD Card Reader
- SD Card
- Mini USB Cable



TOOLS NEEDED:

- Fuse Puller
- Voltage Tester
- Battery Charger
- Pliers



APPLICATIONS:



GM

YEAR	MODEL	ENGINE	C&C SUPPORT	SOFT	TRANS. SUPPORT	TRANS. TUNNING
2007.5 - 2010	Sierra & Silverado HD (2500 - 5500)	6.6 Duramax	Y	Y	A & M	N
2011 - 2016	Sierra & Silverado HD (2500 - 5500)	6.6 Duramax	Y	N	ALL	N

Ford

YEAR	MODEL	ENGINE	C&C SUPPORT	SOFT	TRANS. SUPPORT	TRANS. TUNNING
2008 - 2010	F 250 - 550	6.4 Power Stroke	Y	Y	A & M	N
2011 - 2016	F 250 - 350	6.7 Power Stroke	N	Y	ALL	Y
2017 - 2019	F 250 - 350	6.7 Power Stroke	N	N	ALL	Y

Dodge Ram

YEAR	MODEL	ENGINE	C&C SUPPORT	SOFT	TRANS. SUPPORT	TRANS. TUNNING
2007.5 - 2009	RAM 2500 - 5500	6.7 Cummins	Y	Y	ALL	N
2010 - 2012	RAM 2500 - 3500	6.7 Cummins	N	Y	ALL	N
2013 - 2017	RAM 2500 - 5500	6.7 Cummins	Y	Y	ALL	68RFE ONLY
2018 - 2021	RAM 2500 - 5500	6.7 Cummins	Y	Y	ALL	Y



WARNING



Alterations made to the OEM configuration of a vehicle may violate the Clean Air Act if such alterations bypass, defeat, or render inoperative Elements of Design installed on a vehicle in compliance with the Clean Air Act. Users who alter Derive's products in any way are required to make their own individual determination that the altered products do not violate the Clean Air Act.

This device is not legal for sale or use in California on pollution controlled vehicles.

**SECTION 1:
PRE-INSTALL CHECKLIST**

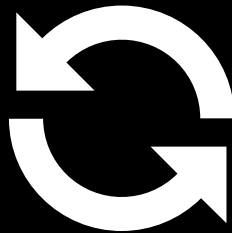
USE A BATTERY CHARGER

ALWAYS, ensure that your car is connected to a battery charger before flashing your PCM. DO NOT proceed if you don't have a battery charged.

ALLOW TIME FOR INITIAL SETUP

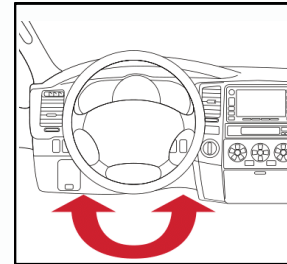
Make sure you allow up to 30 minutes to complete the initial setup and installation process.

SECTION 2: UPDATING THE MINI MAXX

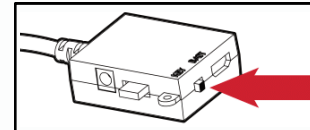


- 1 Wait for the main screen to load.
- 2 Scroll up and select "Change Vehicle".
- 3 Select the vehicle make.
- 4 Select the vehicle year and model.
- 5 Confirm the selection by pressing YES (press the top right button).
- 6 The Mini Maxx will load files and reboot to USB mode.

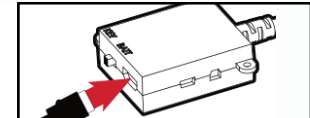
SECTION 3: MINI MAXX INSTALLATION



A) Connect the adapter plug to the vehicle diagnostic port (OBDII) located under the dash on the driver's side.



B) To power on the Mini Maxx, slide the power switch on the adapter plug to BAT position



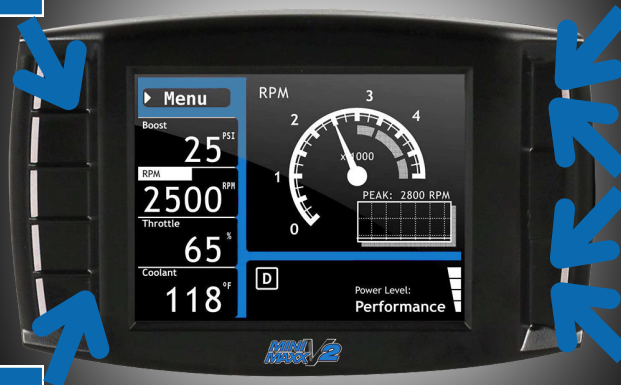
C) Using the HDMI cable, connect the Mini Maxx to the adapter plug.

NOTE: Complete physical installation is not required to install the tune to the vehicle. To use features like automatic (ignition-controlled) power on/off and the Driving Coach, complete installation is recommended.

SECTION 4: MINI MAXX MAIN MENU

Touch to enter or to return to the previous menu

Press and hold to switch to daytime mode



Use these buttons to scroll through menus

Touch to select the menu item highlighted on the screen

Press and hold to switch to nighttime mode

SECTION 5:

BEFORE INSTALLATION

CHECK YOUR BATTERY

ALWAYS, ensure that your car is connected to a battery charger before starting the installation.

TURN ELECTRONICS OFF

Leaving electronics on (stereo included) may prevent a successful download.

THE DOWNLOAD

Do not interrupt or disconnect the Mini Maxx at any point during the download. Leave electronics off during the entire process.

SECTION 6: MINI MAAX INSTALLATION

- 1 Turn the key to the "on" position. Do NOT start the engine.
- 2 Go to the Main Menu (top left button).
- 3 Choose "Install Download".
- 4 Follow the instructions on the screen.
- 5 You will be prompted to turn your key to the "off" or "on" position and then press Continue.
- 6 Do NOT start the engine when turning the key to the "run" (or "on") position at any time during the download. You may be prompted to make choices about vehicle-specific settings such as the speed limiter.
- 7 After the installation replace any removed fuses.



SECTION 7: FINALIZING THE INSTALLATION

Steps below will enable the vehicle key position to control the power state (on/off) of the Mini Maxx; if you do not want the Mini Maxx to automatically power on and off according to the key position, skip these steps.

THE KEY-ON FUSE.

- 1 Use a 12 volt test light or your vehicle owner's manual to locate the fuse. Note, the fuse only has power when the key is in the "on" (or "run") position.
- 2 Remove the fuse and locate the unpowered (accessory) side of the fuse socket.
- 3 With the key on the "run" (or "on") position, insert the probe of a 12 volt test light into each side of the fuse socket. Mark the side that does not light up. (The key-on fuse should be either a 10 or 15 amp fuse)

- 4 Connect the power cable to the fuse box.
- 5 Crimp the fuse spade onto the power wire and slide the fuse tap over one metal prong of the fuse.
- 6 Slide the fuse spade over the fuse tap and then put the tapped fuse back in the fuse box; make sure that the tapped side of the fuse is placed in the unpowered (accessory) side of the fuse socket (see step 3).
- 7 The black ground wire inside the power cable is not required.
- 8 Connect the power cable to the adapter and then slide the adapter plug switch to KEY.
- 9 Run the HDMI cable under the dash or weather stripping. This is discreet, stylish and will help protect the Mini Maxx.

SECTION 8: MOUNTING THE MINI MAAX



- 1 After cleaning and drying the windshield, select a safe place to mount the Mini Maxx. Be sure not to obstruct the driver's view when choosing the location.
- 2 Stretch out the HDMI cable to make sure reach the Mini Maxx with a small amount of slack.
- 3 Use the T-slot on the back of the Mini Maxx to attach it to the Universal Windshield Mount (UWM).
- 4 Position the UWM suction cup on the windshield and press the lever on the base of the mount towards the windshield to secure it in place