

2018+ CUMMINS GT BYPASS CABLE INSTALLATION MANUAL

Part # 42215

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WORKS WITH:

GT Diesel Part# 40420



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CONTENTS

Setup Preview.....	2
Support & pre-tune checklist.....	2
Parts List.....	3
Part 1	4-6
Pre-Install Checklist.....	4
Part 2	
Updating the GT	4
Part 3	
Physical Installation.....	5
Part 4	
GT Install Process.....	6

SETUP PREVIEW

This will guide you through installing the bypass cable kit on your 2018+ Cummins. This kit will be installed before tuning the vehicle and should stay installed as long as the Bullydog GT is in use. The black Bypass OBDII block that comes with this kit (with red tag/tape on it) will be used in place of the black OBDII block that comes with the Bullydog GT.

PRE-TUNE CHECKLIST

✓ INTERNET ACCESS

In the event that technical support is needed, internet access may be required to troubleshoot.

✓ ALLOW ENOUGH TIME

Make sure you have at least two hours to complete the unlock and installation process.

✓ CHECK YOUR BATTERY

Before installation, ALWAYS ensure that the batteries are fully charged. If you are not sure, connect a battery charger before you begin installation.

✓ TURN ELECTRONICS OFF

Leaving electronics on (including the stereo) may prevent a successful download. Make sure electronics are off for the entire process.



BYPASS KIT PARTS CHECKLIST

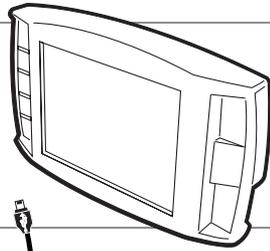
The following is a list of the items that should be included in the Cummins Bypass Kit packaging. If you are missing any of the items please contact technical support at bullydog.com/support.



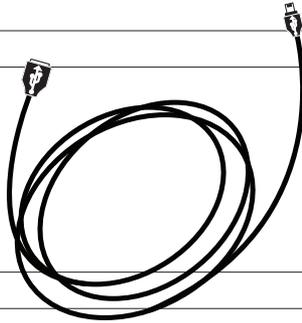
GT DIESEL PARTS LIST

In addition to the Bypass Kit you will need confirm that you have the GT parts shown below before proceeding.

GT Diesel



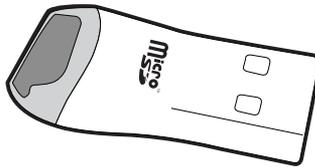
Mini USB Cable



Micro SD Card



Micro SD Card Reader



UPDATING THE GT DIESEL

Installing the Bully Dog Update Agent software- Windows®

ALL SOFTWARE INCLUDING THE UPDATE AGENT IS NOT MAC COMPATIBLE. A WINDOWS-BASED PC WILL BE REQUIRED.

1. Go to: bullydog.com and click on the "Support" tab at the top of the page.
2. Locate and click the "Software" option and then click on "Light Duty Update Agent, Device Updater, and Livelink Downloads". You will see "Bully Dog Update Agent (Updater for GT devices)". Click to begin downloading and installing on your computer.
3. Wait for the program to download, then double click and "Run" the BullyDogDeviceUpdater.exe file if it does not open automatically.
4. Follow the on-screen instructions to complete the installation of the software.

Connecting the micro SD card

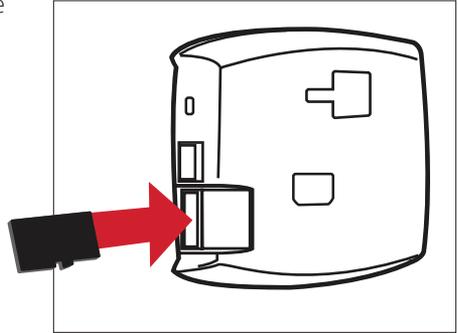
1. The SD card was located in a paper envelope, located in an envelope inside your GT's original product packaging.
2. Insert the memory card into the included card reader.
3. Insert the card reader with memory card to a USB port on the computer.



If the computer does not read the SD card, try a different USB port. If that does not work, retry this step with the SD card plugged into the GT Diesel that is referred to in the next step.

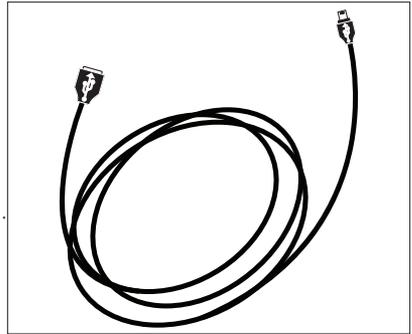
Installing the memory card in the GT Diesel.

1. Remove the card reader from the computer.
2. Remove the memory card from the card reader and insert the memory card into the GT.



Connecting the GT Diesel to computer

1. Connect the GT Diesel to the computer with the included USB cable.
2. Press the second button from the top on the left side of the GT.
3. The GT may display "Initializing Communication" on the Main Screen. This is normal and will not change while the GT is connected to the computer; there is no need to wait for the message to disappear to complete the update process.



GT PHYSICAL INSTALLATION

WARNING:

Be sure to use the Bypass Cable included with the kit and NOT the Bully Dog OBDII Harness that came with your GT. Using the incorrect Cable could cause damage to your vehicles' ECM.

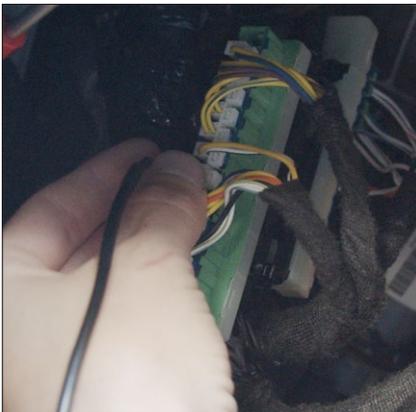
1. Connect the Bypass Cable

- a. Working from the footwell of the driver seat, locate the green terminal block as pictured. This is typically under the dash towards the firewall and can be accessed without removing any dash panels. (see the video at : https://youtu.be/x9rh_x5jbWQ)



2. Plug the white rectangular connector at the end of the Bypass Cable into an open slot in the green terminal block

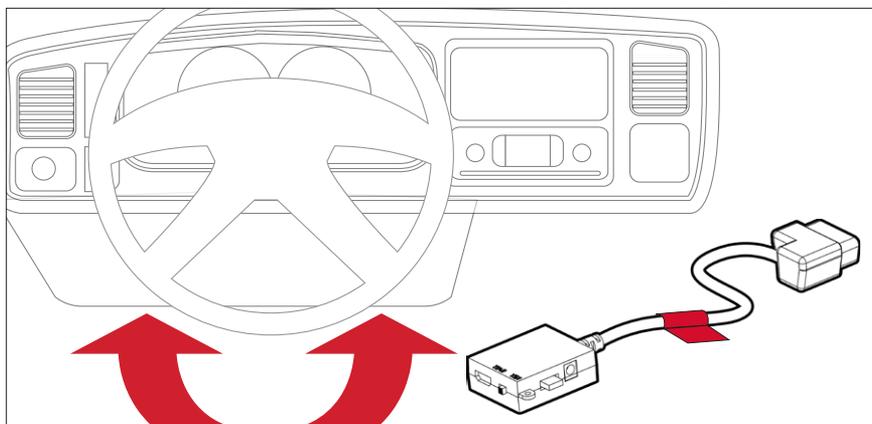
- a. Plug the mini-USB end of the bypass cable into the Bypass OBDII Block (with red tag).



3. Install the OBDII Block

2018+ Cummins GT Bypass Cable

- a. Find your vehicles' diagnostic port (OBDII) under the dash
- b. Connect the Bypass OBDII Block (with red tag) to the OBDII port.



4. Install the HDMI cable

- a. Connect one end of the HDMI cable to the Bypass OBDII Block (red tag).

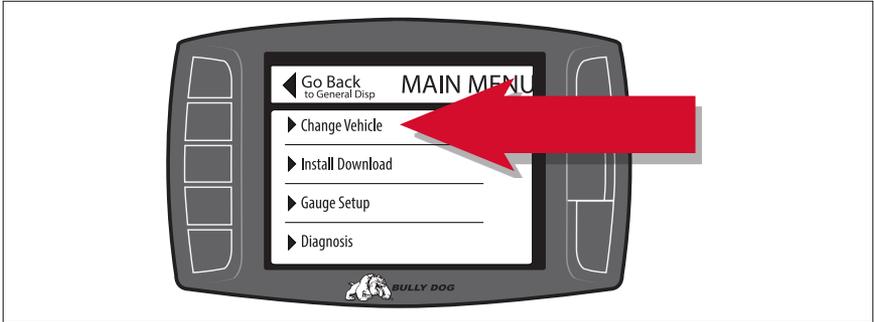


- b. Run the cable under the dash or weather stripping.
- c. Connect the other end of the HDMI cable to the back of the GT.

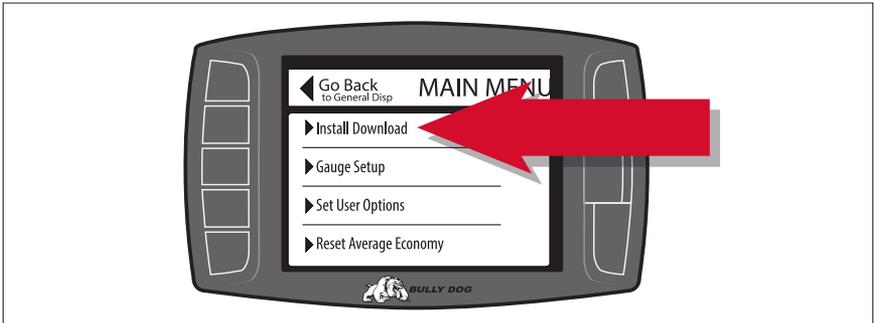


GT INSTALL PROCESS

1. From the GT Main Menu choose "Change Vehicle" and then select your vehicle from the list that follows.



2. Choose "Install Download" in the main menu.



3. Follow the instructions on your GT screen
4. You will need to turn your key to different positions and then choose "continue".
5. When tuning is complete, refer to the GT Quick Install Guide for a complete physical installation of the Key On Power Source."



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