BULLY DOG

INSTALLATION MANUAL
Dodge Cummins Unlock Cable Part #42214

CONTENTS

DO NOT connect the Unlock Cable and/or the Unlock OBDII Harness until the GT instructs you to do so.

SETUP PREVIEW

THERE ARE THREE PARTS TO UNLOCKING AND THEN TUNING YOUR VEHICLE, EACH PART IS DESCRIBED BELOW:

Part 1: Initialize the unlock process using the original OBDII harness that came with the GT.

Part 2: Start the unlock process using the Bully Dog UNLOCK cable harness. (included in this kit with the red tag/tape on it)

Part 3: Complete the unlock process and then install download using the original OBDII harness that came with the 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.
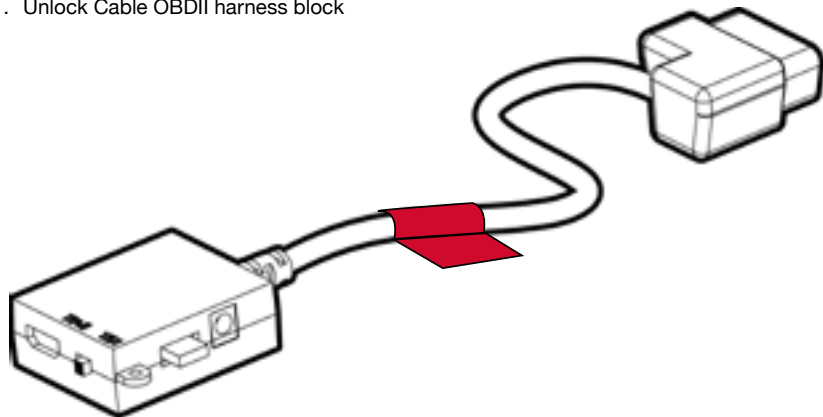
THE UNLOCK

Do NOT interrupt or disconnect the GT at any point during the unlock process.
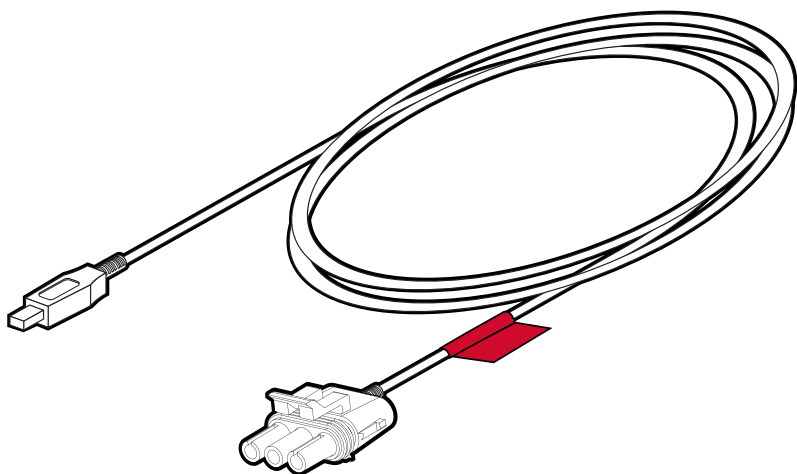
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PARTS LIST

Your Unlock package (42214) should include the following items:
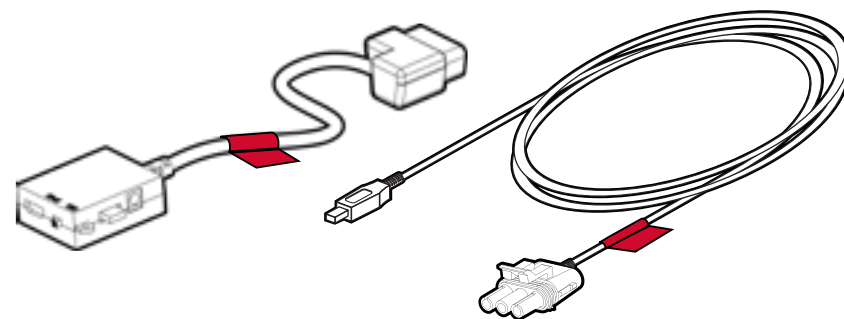
1. Unlock Cable OBDII harness block
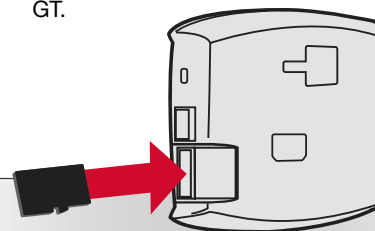
2. Unlock Cable 3 Plug connector

Part 1

A: Pre-Install Checklist

Confirm that you have all the parts shown below before proceeding.
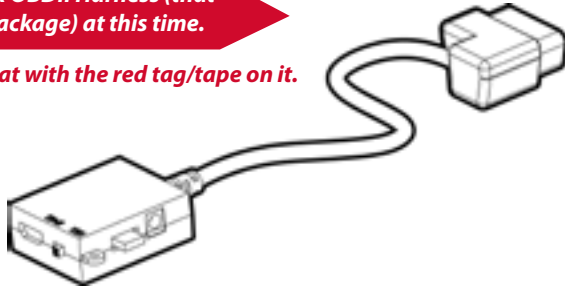
B: Update Your GT

1. Plug the MicroSD card into the reader and plug the reader into one of your computers' USB ports.

2. Open the Update Agent

   • Launch the Update Agent from the Windows Start menu if it isn't already open.

3. Select your vehicle on the Update Agent using the "Change Application" button.

4. Select "Update"

   • Once the Agent indicates that the update is complete, place the MicroSD card into your GT and proceed with installing your GT.

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Use the displayed Stock OBDII Harness (that came with the GT Package) at this time.
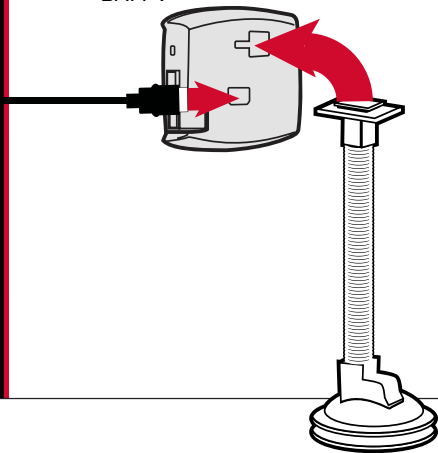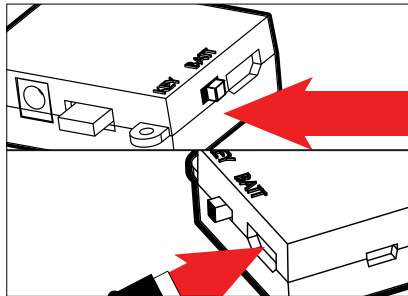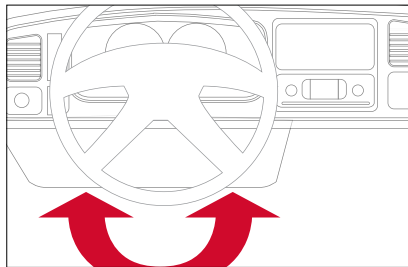
Do NOT use the cable that with the red tag/tape on it.
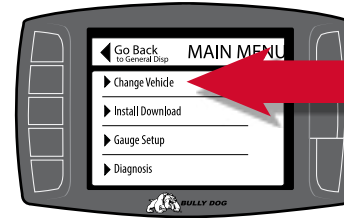
C: Physical Installation

Warning: This is when you should be using the Bully Dog Stock OBDII Harness (without red tag). If the correct harness is not used, your vehicles' ECM may be damaged and your vehicle may not run.

1. Connect the Stock OBDII Harness (without red tag).

   • Find your vehicles' diagnostic port (OBDII) under the dash.

   • Connect the GT Stock OBDII Harness (without red tag) to the diagnostic port.

2. Install the HDMI cable.

   • Connect one end of the HDMI cable to the Stock OBDII Harness (without red tag).

   • Run the cable under the dash or weather stripping.

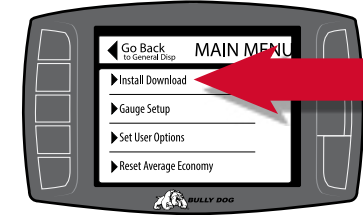3. Slide the switch on the adapter plug to "BATT".

4. Mount and connect the GT.
   • Use the windshield mount to attach the GT head unit to the windshield in a safe place.

   • Make sure not to obstruct the drivers view.

   • Connect the HDMI cable to the GT head unit.

D: Unlock Process

Go Back
to General Disp   MAIN MENU
▶ Change Vehicle
▶ Install Download
▶ Gauge Setup
▶ Diagnosis
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1. Choose "Change Vehicle" and select your vehicle.

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

Go Back
to General Disp   MAIN MENU
▶ Install Download
▶ Gauge Setup
▶ Set User Options
▶ Reset Average Economy
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3. Follow the instructions on your GT screen

   • You will need to turn your key to different positions and then choose "continue".

   • Do NOT start the engine when turning the key to the "run" (or "on") position at any other time during the Unlock Process.

4. FOLLOW ALL ON-SCREEN INSTRUCTIONS. ONCE THE UNLOCK PROCESS IS STARTED, IT MUST BE COMPLETED.

When Part 1 is complete, make sure to wait for the on screen instructions to prompt you when it is safe to disconnect the Bully Dog Stock OBDII Harness(without red tag).

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Part 2

During Part 2, use the Bully Dog Unlock cable OBDII Harness and Unlock Cable 3 Plug connector which have red tags.

(Steps 1-7 are illustrated in the previous page)

Part 2 must be completed without stopping. An incomplete unlock may result in the need to send the PCM to the Bully Dog facilities.

1. Locate the OEM 3 Plug Connector to disconnect so the Unlock Cable 3 Plug connector can be plugged in. The OEM 3 Plug Connector is located on the back side of the intake charge tube going to the manifold (on the drivers side). Disconnect the OEM 3 Plug Connector
   • Lift up on the plug lock and disconnect the OEM 3 Plug Connector.
2. Plug in the Bully Dog Unlock Cable 3 Plug Connector into the OEM 3 Plug Connector.
3. Route the Bully Dog Unlock Cable 3 Plug Connector
   • Route the Unlock Cable 3 Plug Connector from the engine bay to the cab through the driver window. Do NOT run it through the firewall. It will only be used once in Part 2 and will be disconnected in Part 3.
4. Connect the Unlock Cable 3 Plug connector to the Unlock Cable OBD II harness.
   • Plug the Mini USB connection into the Unlock Cable OBDII Harness USB plug insert
5. Unplug the stock OBDII Harness (without red tag) and plug in the Unlock Cable OBDII harness (with red tag).
   • Find your vehicles' diagnostic port (OBDII) under the dash and connect the Unlock Cable OBDII Harness.
6. Plug in the GT HDMI into the Unlock Cable OBDII harness.
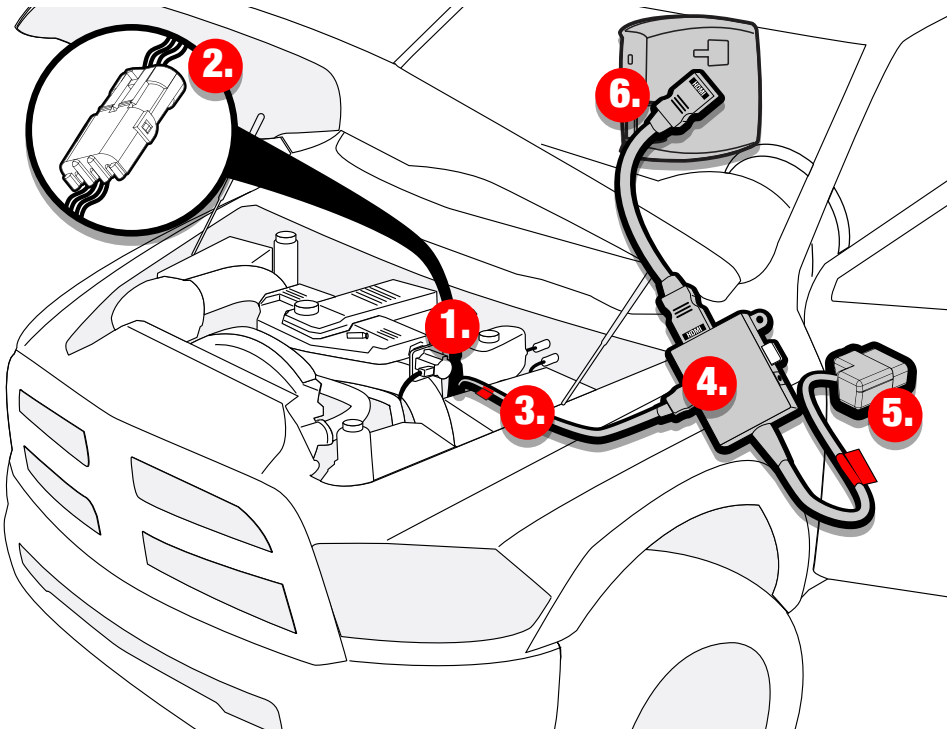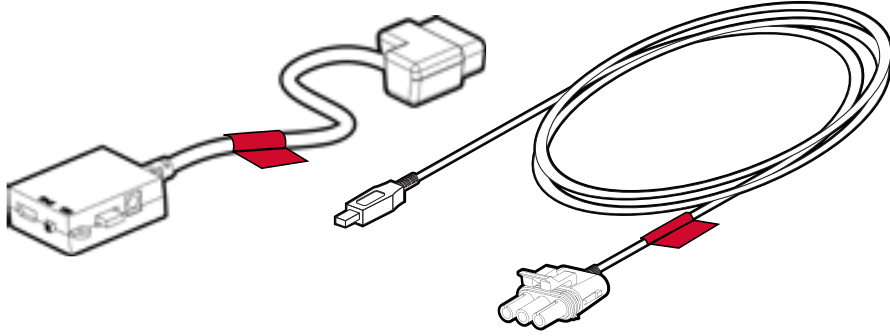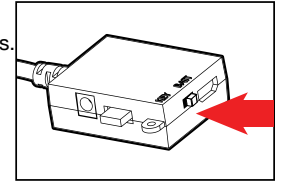7. Slide the switch on the adapter plug to "BATT".
8. Follow the instructions on your GT screen.
   • You will need to turn your key to different positions and the choose "continue".
   • Do NOT start the engine when turning the key to the "run" (or "on") position at any other time during the Unlock process.
   • Part 2 must be completed without stopping. An incomplete unlock may result in the need to send in the PCM.

When Part 2 is complete and the on screen instructions prompt you, unplug the Bully Dog Unlock OBDII harness as well as the Unlock Cable 3 Plug connector and reconnect the OEM 3 Plug Connector.
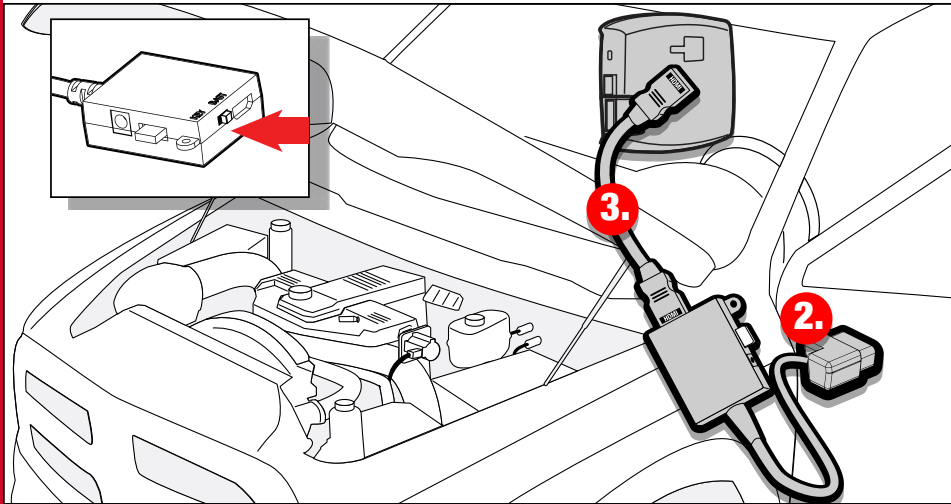
Part 3

Part 3 must be completed without stopping. An incomplete unlock may result in the need to send in the PCM.

Use the displayed Stock Harness at this time. (the original one without the red tag/tape.

1. Re-connect Bully Dog STOCK OBDII Harness (without red tag) back into the vehicle.
   • Find your vehicles' diagnostic port (OBDII) under the dash.
2. Plug in GT HDMI into the STOCK OBDII harness (without red tag).
3. Slide the switch on the adapter plug to "BATT"

4. Follow the instructions on your GT screen.
   • You will need to turn your key to different positions and the choose "continue".
   • Do NOT start the engine when turning the key to the "run" (or "on") position at any other time during the Unlock process.
   • Part 3 must be completed without stopping. An incomplete unlock result may result in the need to send in the PCM.

3.

2.

Once Part 3 is complete, navigate to "Install Download" on your GT to install the tuning.

Install Download

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

2. Follow the instructions on your GT screen
   • You will need to turn your key to different positions and then choose "continue".
   • Do NOT start the engine when turning the key to the "run" (or "on") position at any other time during the Unlock Process.

Go Back
to General Disp   MAIN MENU

▸ Install Download
▸ Gauge Setup
▸ Set User Options
▸ Reset Average Economy

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3. Refer to the Quick Install Guide for a complete physical installation of the Key On Power Source.

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