



TUNING

***GDP TUNING
AUTOCAL***

Instruction Manual

-WARNING!-

THIS IS A HIGH PERFORMANCE PRODUCT TO BE USED AT YOUR OWN RISK!

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TECH SUPPORT

IF YOU REQUIRE ANY TECHNICAL OR INSTALLATION ASSISTANCE, PLEASE CONTACT:

TECH SUPPORT: 1-877-223-5018 **HOURS:** M-F, 8-5 (MST)

EMAIL: tech@gdptuning.com

CUSTOMER SUPPORT

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LIMITATION OF WARRANTY

GDP TUNING, ("SELLER") gives Limited Warranty as to the description, quality, merchantability, fitness for any product's purpose, or any other matter of SELLER's product sold herewith. The SELLER shall be in no way responsible for the product's use and service and the BUYER hereby waives all rights other than those expressly written herein. This Warranty shall not be varied except by a written agreement signed and dated by SELLER and BUYER.

The Warranty is Limited to one (1) year from the date of sale and limited solely to the parts contained within the product's original packaging. All products that are in question of Warranty must be returned shipping prepaid to the SELLER and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by GDP TUNING.

Under no circumstances shall the SELLER be liable for any labor charges incurred, or travel time incurred in diagnosis for defects, removal, or re-installation of this product, or any other contingent expenses. Any product deemed defective and consequently repaired or replaced by SELLER, shall retain the remainder of the warranty period from date of purchase, as the warranty period shall not be extended due to repair or replacement. Under no circumstances will the SELLER be liable for any damage or expenses incurred by reason of the use or sale of any such product.





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2007.5-2009 DODGE 6.7L CUMMINS

2007.5-2009 CUMMINS

2007.5-2009 6.7L Cummins tunes are configured in CSP-5 format. This configuration allows two different methods of power level adjustment.

CSP-5 TUNING INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port. Do **NOT** attempt to flash through a CSP-5 switch.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 PRELOAD** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 PRELOAD**.

STEP 4-

Turn the key back to the run position, do not start the engine. Click **NEXT** until you see **FULL 2 CSP5** displayed on the screen. Click **OK** and follow the prompts on the screen. Wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does, the AutoCal will revert back to the menu and display **FULL 2 CSP5**. You may disconnect the AutoCal and start the vehicle, the **CSP5** tune installation process has been completed.



2007.5-2009 DODGE 6.7L CUMMINS

2007.5-2009 CUMMINS

POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+50HP
#3	STREET	+90HP
#4	PERFORMANCE	+120HP
#5	RAMPAGE	+175HP

CSP5 POWER LEVEL ADJUSTMENT

Option 1: CSP-5 SWITCH

Plug the switch into the trucks OBD port and tune adjustment is as simple as turning the adjustment knob to the desired position.

Option 2: "SWITCH TUNES" AutoCal Menu Option

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. Click **NEXT** until **SWITCH TUNES** is displayed on the screen. Click **OK** and then scroll up and down through the list using the **NEXT** and **PREVIOUS** buttons. Once your desired power level is displayed, click **OK** to select the tune. Your AutoCal will quickly display **TUNE SWITCHED** and will then revert back to the main menu. You are safe to unplug the AutoCal and start the truck at this point.

DIAGNOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. **Display DTCs** is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Clear DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. Click **NEXT** until **Clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



2010-2012 DODGE 6.7L CUMMINS

2010-2012 CUMMINS

2010-2012 6.7L Cummins tunes are configured in CSP-5 or Multi-Tune formats.

CSP5 POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+50HP
#3	STREET	+90HP
#4	PERFORMANCE	+120HP
#5	RAMPAGE	+150HP

CSP-5 TUNING INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port. Do **NOT** attempt to flash through a CSP-5 switch.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 PRELOAD** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 PRELOAD**.

STEP 4-

Turn the key back to the run position, do not start the engine. Click **NEXT** until you see **FULL 2 CSP5** displayed on the screen. Click **OK** and follow the prompts on the screen. Wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does, the AutoCal will revert back to the menu and display **FULL 2 CSP5**. You may disconnect the AutoCal and start the vehicle, the **CSP5** tune installation process has been completed.



CSP5 Power Level Adjustment

Option 1- CSP5 Switch

Plug the switch into the trucks OBD port and tune adjustment is as simple as turning the adjustment knob to the desired position.

Option 2- "SWITCH TUNES" AutoCal Menu Option

Plug the AutoCal into the trucks OBD port and turn the key to the run position. Click **NEXT** until **SWITCH TUNES** is displayed on the screen. Click **OK** and then scroll up and down through the list using the **NEXT** and **PREVIOUS** buttons. Once your desired power level is displayed, click **OK** to select the tune. Your AutoCal will quickly display **TUNE SWITCHED** and will then revert back to the main menu. You are safe to unplug the AutoCal and start the truck at this point.

DIANGOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs-

Plug the AutoCal into the trucks OBD port and turn the key to the run position. **Display DTCs** is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Clear DTCs-

Plug the AutoCal into the trucks OBD port and turn the key to the run position. Click **NEXT** until **clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



2013-2017 DODGE 6.7L CUMMINS

2013-2016 CUMMINS

2013-2017 6.7L Cummins tuning is offered in CSP4 configuration. This configuration allows two different methods of power level adjustment, by CSP switch or the menu option on the AutoCal.

CSP5 POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+60HP
#3	STREET	+90HP
#4	PERFORMANCE	+130HP

BEFORE INSTALLING YOUR CSP4 TUNE YOU MUST FIRST UNLOCK YOUR PCM WITH A BULLY DOG GT AND UNLOCK CABLE OR EDGE INSIGHT CTS2 CUMMINS UNLOCK. PLEASE REFER TO THE BULLY DOG OR EDGE INSTRUCTION MANUAL FOR REFERENCE.

CSP-4 TUNING INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port. Do **NOT** attempt to flash through a CSP switch.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 CSP4** displayed on the screen. Click **OK** and follow the prompts on the screen. Wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does, the AutoCal will revert back to the menu and display **FULL 1 CSP4**. You may disconnect the AutoCal and start the vehicle, the CSP4 tune installation process has been completed.



CSP4 Power Level Adjustment

Option 1- CSP Switch

Plug the switch into the trucks OBD port and tune adjustment is as simple as turning the adjustment knob to the desired position.

Option 2- “SWITCH TUNES” Autocal Menu Option

Plug the AutoCal into the trucks OBD port and turn the key to the run position. Click **NEXT** until **SWITCH TUNES** is displayed on the screen. Click **OK** and then scroll up and down through the list using the **NEXT** and **PREVIOUS** buttons. Once your desired power level is displayed, click **OK** to select the tune. Your AutoCal will quickly display **TUNE SWITCHED** and will then revert back to the main menu. You are safe to unplug the AutoCal and start the truck at this point.

DIANGOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs-

Plug the AutoCal into the trucks OBD port and turn the key to the run position.

Display DTCs is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Clear DTCs-

Plug the AutoCal into the trucks OBD port and turn the key to the run position.

Click **NEXT** until **Clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



2001-2005 LB7 & LLY 6.6L DURAMAX

2001-2005 DURAMAX

2001-2005 LB7 & LLY GM 6.6L Duramax tunes are configured in DSP-5 format. This configuration allows tunes to be switched using three different methods, by DSP5 switch, an Edge Insight Monitor or the menu option on the AutoCal.

DSP-5 TUNING INSTALLATION

*****2004-2005 LLY TRUCKS MUST PULL THE RADIO AND INFO FUSES PRIOR TO BEGINNING THE INSTALLATION PROCESS*****

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 DSP5** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 DSP5**. You may disconnect the AutoCal and start the vehicle, the tune installation process has been completed.



2001-2005 LB7 & LLY 6.6L DURAMAX

2001-2005 DURAMAX

POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+50HP
#3	STREET	+120HP
#4	PERFORMANCE	+175HP
#5	RAMPAGE	+240HP

POWER LEVEL ADJUSTMENT

Option 1- DSP-5 SWITCH

Refer to DSP-5 installation instructions.

Option 2- Edge CTS/CS Insight Monitor

Refer to Edge installation instructions.

Option 3- "SWITCH TUNES" Autocal Menu Options

Plug the AutoCal into the trucks OBD port and turn the key to the run position. Click **NEXT** until **SWITCH TUNES** is displayed on the screen. Click **OK** and then scroll up and down through the list using the **NEXT** and **PREVIOUS** buttons. Once your desired power level is displayed, click **OK** to select the tune. Your AutoCal will quickly display **TUNE SWITCHED** and will then revert back to the main menu. You are safe to unplug the AutoCal and start the truck at this point.

DIANGOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. **Display DTCs** is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Erase DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. Click **NEXT** until **Clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



2006-2010 LBZ & LMM 6.6L DURAMAX

2006-2010 DURAMAX

2006-2010 LBZ & LMM GM 6.6L Duramax tunes are configured in either DSP-5 or multi-tune format. DSP-5 configuration requires a DSP-5 switch to be installed for power level adjustment. Multi-tune format can be adjusted on the menu of the AutoCal.

DSP-5 TUNING INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 DSP-5** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 DSP-5**. You may disconnect the AutoCal and start the vehicle, the tune installation process has been completed.

Multi-TUNE INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1** again. Disconnect the AutoCal at this point and start the vehicle. Once verifying the vehicle will start, you may now drive the vehicle on this tune level **OR** flash one of the other levels listed under **PROG 1, PROG 2...** onto the truck.



POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+50HP
#3	STREET	+120HP
#4	PERFORMANCE	+175HP
#5	RAMPAGE	+260HP

POWER LEVEL ADJUSTMENT

Option 1- DSP-5 SWITCH

Refer to DSP-5 installation instructions.

Option 2- Autocal Menu Option

Turn the key to the run position without starting the truck and plug the AutoCal into the trucks OBD port. Click **NEXT** until your desired power level is displayed on the screen. Once your desired power level is displayed, click **OK** to select the tune. The AutoCal will now begin the flash process. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu. At this point you are safe to disconnect the AutoCal and drive the vehicle.

DIANGOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. **Display DTCs** is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Erase DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. Click **NEXT** until **Clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



2011-2016 GM 6.6L DURAMAX

2011-2016 DURAMAX

2011-2016 GM 6.6L Duramax tuning comes as 5 separate files or one single “SOTF” file. To change power level you must re-program your vehicle with the AutoCal or install the SOTF hardwired switch.

LML DURAMAX MULTI-TUNE INSTALLATION

YOU MUST INSTALL FULL 1 NO POWER FIRST. DO NOT INSTALL ANY OTHER LEVEL UNTIL YOU HAVE PROGRAMMED THE TRUCK WITH FULL 1 NO POWER. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN A NO START CONDITION

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 NO POWER** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 NO POWER**. You may disconnect the AutoCal and start the vehicle, the tune installation process has been completed.

LML DURAMAX SOTF TUNE INSTALLATION

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you see **FULL 1 SOTF** displayed on the screen. Click **OK** and follow the prompts on the screen. You will be asked if you want to license the **ECU**, click **OK** and wait for the download to complete. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display **FULL 1 SOTF**. You may disconnect the AutoCal and start the vehicle, the tune installation process has been completed.



2011-2016 GM 6.6L DURAMAX

2011-2016 DURAMAX

POWER LEVELS

Switch Position	Power Level Name	HP Rating
#1	NO POWER	+20HP
#2	TOW	+50HP
#3	STREET	+75HP
#4	PERFORMANCE	+130HP
#5	RAMPAGE	+230HP

Rampage **REQUIRES a lift pump in order to see the full 230 HP increase.*

POWER LEVEL ADJUSTMENT

STEP 1-

Plug the AutoCal directly into the trucks OBD port.

STEP 2-

Turn the key to the run position, do **NOT** start the engine.

STEP 3-

Click **NEXT** until you reach your desired power level. Select **OK** and then follow the on screen prompts. Once the download finishes you will be prompted to turn the key off, do so and then click **OK**. Wait for the countdown to complete, once it does the AutoCal will revert back to the menu and display your previous selection. You may disconnect the AutoCal and start the vehicle, the tune installation process has been completed.

DIANGOSTICS

Your AutoCal will act as a scan tool to read and clear diagnostic trouble codes.

Display DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. **Display DTCs** is the first option on the menu, click **OK**. The AutoCal will then display the trouble codes on the screen, if any are present.

Erase DTCs

Plug the AutoCal into the trucks **OBD** port and turn the key to the run position. Click **NEXT** until **Clear DTCs** is displayed and then push **OK**. You will be asked if you want to erase the codes, click **OK**.



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