



PP16

HYPERTECH® POWER PROGRAMMER III™



**FOR GM VEHICLES WITH
6.6L DURAMAX ENGINE**

STEP-BY-STEP INSTALLATION INSTRUCTIONS

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IMPORTANT

- The Power Programmer for the 6.6L GM Duramax diesel trucks and SUVs is pending and legal for pollution-controlled motor vehicles according to the CARB Executive Order process. In the interest of improved air quality, the California Air Resources Board (CARB) requires new vehicle and manufacturers of aftermarket parts to develop engine and emissions equipment that either reduce or maintain specific air pollutants affected by vehicle use. Both the California Vehicle Code (section 27156) and Federal Clean Air Act (administered by the Environmental Protection Agency) prohibit modifications that increase vehicle emissions. Aftermarket parts manufacturers, particularly in the high-performance segment, are required to obtain CARB approval in the form of executive Orders (E.O.s) for any product not qualifying as a direct replacement for an original equipment part. **Hypertech includes meeting all E.O. requirements in its product development process. This guarantees that users of Hypertech “Power Tuning” products will meet certification requirements when registering, selling, or needing to pass various emissions tests or Inspection and Maintenance (I&M) programs administered by state or local enforcement agencies.** Make sure that any emissions-related product you buy and install carries an E.O. number or is pending an E.O. **Without this verification you are at risk, in potential violation of regulations and may incur unnecessary financial obligations during vehicle inspections or emissions tests.**
- Your vehicle’s computer will not be programmed at the end of the programming menus until you select “PRESS ‘Y’ TO BEGIN PROGRAMMING” on page 12. Feel free to experiment with the programming choices without the fear of accidentally programming the wrong information into your vehicle computer. You can make any choice that you want to, change it again and again, without programming it into your vehicle computer until you are absolutely ready.
- While the programmer is programming:
 - * **DO NOT leave the vehicle while programming is in process.**
 - * **DO NOT program the vehicle without a fully charged battery. If after you have programmed the vehicle’s computer with the Hypertech Power Programmer, you decide to change the tuning, it is recommended that you recharge the vehicle’s battery. You can either drive the vehicle to charge the battery or use a battery charger. But either way, make sure the battery has a full charge.**
 - * **DO NOT disturb the cable while programming.**

- * The **ONLY** time you may remove the programmer cable from the diagnostic port safely is **PRIOR** to pressing ‘Y’ to program all entries. However, any programming choices that have been made **WILL NOT** be saved. *NOTE: It is **NOT** safe to unplug the programmer cable any time **AFTER** pressing ‘Y’ to program.*
- * **DO NOT** turn the key off **UNLESS** instructed by the programmer.
- * **DO NOT** start the engine.

Any of these actions will interrupt the programming process. The programmer is designed to recover from these conditions, but they should be avoided.

HYPERTECH POWER PROGRAMMER III INSTALLATION INSTRUCTIONS OVERVIEW

Congratulations! You are the owner of the Power Programmer III, the latest in high-performance technology. Now you can optimize your engine’s tuning, read and clear Diagnostic Trouble Codes, as well as adjust other vehicle parameters (see table of contents), all at the touch of a button.

Your vehicle has an onboard computer that controls the engine and transmission. Inside your vehicle’s computer is a FLASH memory chip which contains the vehicle’s programming. The programmer actually reprograms this FLASH computer chip, according to your specifications, with Hypertech’s Power Tuning. To reprogram your vehicle’s computer, simply plug the programmer cable into the vehicle’s diagnostic connector located under the dash panel on the driver’s side. Set the parking brake. Next, turn the ignition key to RUN but do not start the engine. Press the ▲ arrow on the programmer. It will then identify your vehicle and display a series of options on its screen. When completed, turn the key to OFF and disconnect the cable from the diagnostic connector. Now you’re ready to ***Feel the Power!***

Hypertech’s Power Tuning can be stored in only one (1) vehicle at a time. The Power Programmer can be reconnected to remove the Power Tuning and return the vehicle to the factory programming at any time. After you have performed this step, your vehicle will be in its stock configuration.

You may also reconnect your programmer at any time to change the programming. For example, if you have replaced your factory tires with different diameter tires, you will want to correct your speedometer and odometer readings. Simply reconnect your programmer, answer the necessary option(s), and reprogram your vehicle. You do not have to return to stock first.

SECTION 1: ONSTAR EQUIPPED VEHICLES

If your GM vehicle is equipped with the OnStar system, you **MUST** temporarily disable the system **BEFORE** programming your vehicle with the Power Programmer. Please follow the steps below to temporarily disable the OnStar system.

General Precautions

Many new vehicles are equipped with daytime running lights, or sensors that turn the headlights on in dim situations automatically when the ignition is on. For the purposes of programming the vehicle this presents an unnecessary extra drain on the vehicle battery. Many new vehicles have a procedure for turning off the lights. Often this is accomplished by pressing the “Dome Override” button two (2) to four (4) times in succession.

We recommend that your headlights be off when programming your vehicle for added safety against corrupt programming due to battery failure. See your owner’s manual for vehicle specific information regarding your headlights.

Recommended Precautions

The OnStar system by GM periodically communicates with the vehicle. This periodic communication with the vehicle has been known to disrupt the programming process. In order to prevent disruption of the programming process, it is recommended that the OnStar system be disabled while programming the vehicle. To temporarily disable your OnStar system in GM vehicles, remove the fuse(s) associated with OnStar. Please refer to the fuse section of your owner’s manual for instructions and locations of fuse(s). The fuse panel will be under the hood of the vehicle on the driver’s side behind the battery. In most cases there will be one (1) fuse in that fuse panel the OnStar system relies on. See page 5 for an example. **When the OnStar system is successfully disabled, its indicator light on the dash or rearview mirror will be OFF. Be sure that this light is off when the key is in the ON position (engine not running) BEFORE programming the vehicle.** This will ensure that there are no OnStar related problems.

Recovery From OnStar Related Power Programmer Hang-up

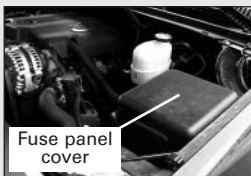
If the programmer stops programming for an extended period of time, perform the following steps to recover and/or continue programming (see next page):

**** Do Not Turn The Ignition Key Off ****

1. Disconnect the programmer from the vehicle.
2. Reconnect the programmer to the vehicle.
3. Press the START button on the programmer.

The programmer will resume communications with the vehicle where it left off. If the programmer fails to re-establish communications with the vehicle, repeat the procedure. If the programmer still fails to resume, disconnect the programmer and turn the vehicle off. Attempt to start your vehicle. If your vehicle fails to start, the vehicle computer may have been corrupted, and you will need to send your vehicle computer and programmer to Hypertech for repair. If the vehicle starts, you will need to return your programmer to Hypertech for re-initialization, no harm was done to the vehicle computer.

For GM 6.6L Duramax vehicles



The fuse panel is located on the driver's side of the vehicle behind the vehicle battery. Lift off the cover to access the fuse block. You now can remove the fuse. To remove the fuse, hold the end of the fuse between your thumb and index finger and pull straight out. **Make sure you remember to re-install the fuse in the proper location and re-install the fuse panel cover after programming your vehicle.**

For 2001-2002 vehicles, the one (1) fuse that must be removed is as follows: (see highlighted fuse location below.)

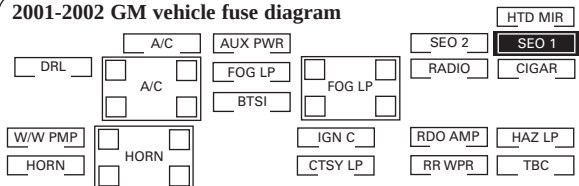
Location

SEO1

Description

Special Equipment Option, OnStar

2001-2002 GM vehicle fuse diagram



For 2003-2007 vehicles, the one (1) fuse that must be removed is as follows: (see highlighted fuse location below.)

Location

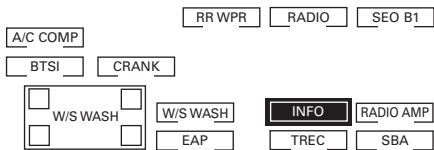
INFO

Description

OnStar

2003-2007 GM vehicle fuse diagram

(Illustration does not represent entire fuse diagram)



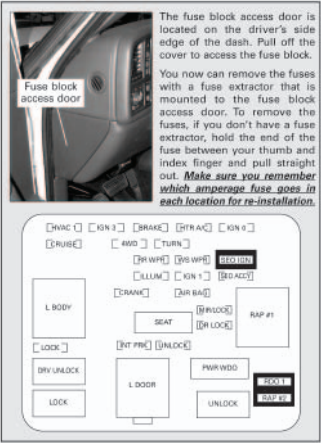
NOTE: Owner's manual fuse diagram may vary from examples shown.

NOTE for 2001-2002 GM vehicles: If the previous step did not turn off the OnStar light on the dash, follow these steps to remove three (3) other OnStar related fuses:

The three (3) fuses that must be removed are as follows: (see highlighted fuse locations to the right.)

<u>Location</u>	<u>Description</u>
SEO IGN	Special Equipment Option, Ignition, <u>OnStar</u>
RDO 1	Audio System, <u>OnStar</u>
RAP #2	Rear Power Windows, Sunroof, Radio, <u>OnStar</u>

NOTE: Owner's manual fuse diagram may vary from example shown.



What To Do After Programming Your Vehicle

After the vehicle computer has been successfully programmed, reinstall the fuse(s) removed that are OnStar related to enable the system, **making sure the proper amperage fuse is in each location and the fuse panel cover(s) are reinstalled.**

Please Read BEFORE Installing Hypertech Power Tuning

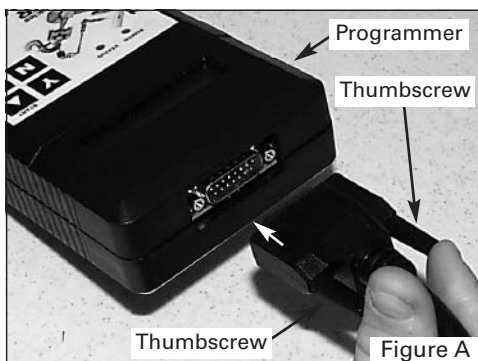
Special Instructions For The Allison Automatic Transmission

**2006-2007 Chevrolet Silverado C/K 2500/3500
2006-2007 GMC Sierra C/K 2500/3500**

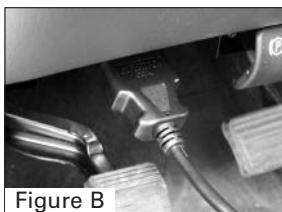
After installing the Hypertech Power Tuning with your new Power Programmer, you may temporarily experience irregular shifting. The transmission shifting parameters for driving conditions will readjust quickly and proper shifting should be observed within approximately 50-100 miles. If you have any questions regarding the use of your Hypertech Power Programmer, please call one of our Service Technicians at 1.800.532.3351, Monday-Friday, from 8am - 5pm, Central Time.

SECTION 2: PROGRAMMING INSTRUCTIONS

- Connect one (1) end of the provided cable to the programmer as in Figure A and tighten the two (2) thumbscrews.



- See Figure B. Locate the Data Link Connector (DLC) under the driver's side of the dash panel above the emergency brake.



- Plug the programmer cable into the DLC. Make sure the cable is plugged in completely to ensure a good connection.
- Set the parking brake to turn off the DRLs (Day-Light Running Lamps) and turn the ignition key to the RUN position but **Do Not Start The Engine**.

IMPORTANT:

- DO NOT** leave the vehicle while programming is in process.
- Make sure the vehicle battery is fully charged before programming.**
- The key must remain in the RUN position, without the engine running, during the entire programming process.**
 - DO NOT** operate electrical accessories (radio, windows, wipers, etc.) while programming.
- If the vehicle is equipped with an OnStar system, make sure the system is temporarily disabled (see Section 1 for details).
 - **DO NOT** attempt programming while the vehicle is connected to a battery charger.

- Press the ▲ arrow on the programmer. The following displays should appear immediately on the LCD screen (where X.X.X.X is the version number):

HYPERTech
POWER PROGRAMMER

VERSION
X.X.X.X

FOR XXXX-XXXX
DURAMAX TRUCKS

- If these screens do not appear, make sure that both ends of the cable are securely attached and press the ▲ arrow again.
- The programmer will show applications and copyright information. The programmer will then identify your vehicle and perform a self-test. A few seconds after the self-test is complete, the VIN number of the vehicle will be shown and a screen should appear with a description of your vehicle:

YOUR VEHICLE IS:
XXXX CHEVROLET TRUCK/SUV 6.6L TURBO DIESEL

- If this screen does not appear, make sure that the key is in the RUN position with the engine NOT running.
- The programmer will display a series of options. For each option press the 'Y' button to make a change. Press the 'N' button to make no change and proceed to the next option. For some options, you will use the ▲ and ▼ arrows to point to a particular option. Pressing the 'Y' button will then lock in your selection. This screen will now appear:

CHECKING FOR DIAGNOSTIC
TROUBLE CODES (DTCs)

- The Power Programmer is checking the vehicle for any Diagnostic Trouble Codes (DTCs). If no DTCs are found, this screen will appear:

NO DTCs REPORTED

- If no DTCs are found the Power Programmer will then go to Step A (Engine Tuning). If any DTCs are found, this screen will appear:

"X" DTCs REPORTED

- “X” represents the number of DTCs found in the vehicle.
This screen will now appear:

VIEW DTCS = Y
CLEAR DTCS = N

- Press ‘Y’ to view the DTC(s) found in the vehicle. Press ‘N’ to clear the DTC(s) without viewing them. If you press ‘Y’, these screens will appear:

WRITE DOWN THE FOLLOWING DTCS AND REFER TO
FACTORY MANUALS FOR EXPLANATION

DTC #1 --- PXXXX
NEXT DTC = N

IMPORTANT NOTE

Hypertech, Inc. recommends proper diagnosis and repair of reported DTCs prior to programming. For Diagnostic Trouble Code (DTC) interpretations, refer to factory manuals, see your local parts dealer, or refer to internet sites that provide this type of information. An example of such a website is:

www.bentleypublishers.com/tech/vw/vw.dtc.table.htm

- Press the ‘N’ button to view the next DTC (if any). Once you have viewed all the DTCs, this screen will appear:

NO MORE DTCS, TO VIEW AGAIN, PRESS Y
TO CONTINUE, PRESS N

- Press ‘Y’ to view the DTC(s) again. Press ‘N’ to continue.
If you press ‘N’, this screen will appear:

DTCS MUST BE CLEARED BEFORE CHANGING PROGRAM. TO CLEAR DTCS PRESS Y
TO KEEP DTCS AND EXIT PROGRAM PRESS N

- Press ‘N’ to exit the program. This screen will appear:

TURNING POWER
PROGRAMMER OFF

- Press ‘Y’ for the Power Programmer to clear the DTCs.
These screens will now appear:

CLEARING DTCS

ALL DTCS HAVE
BEEN CLEARED

- The Power Programmer has now successfully cleared the DTC(s) found in the vehicle computer. This screen will now appear:

TO ENTER POWER PROGRAMMER MODE, PRESS Y
TO EXIT PROGRAM, PRESS N

A. ENGINE TUNING

TO INSTALL HYPERTECH POWER TUNING, PRESS Y
TO KEEP FACTORY ENGINE TUNING, PRESS N

- Press the ‘Y’ button to install Power Tuning. Press ‘N’ to keep the factory engine tuning.

USE UP/DOWN ARROWS TO CHOOSE PERFORMANCE TUNING. THEN PRESS Y TO SELECT OR N TO EXIT.
STAGE X.

- The programmer will then allow you to select from 3 stages of tuning to match your individual driving/towing needs. Most people prefer Stage 3 for maximum power and performance. Use the ▲ and ▼ arrows to choose the stage of tuning and press ‘Y’ when the desired tuning stage is selected.

B. TIRE SIZE

IF TIRE HEIGHT HAS BEEN CHANGED FROM ORIGINAL, PRESS Y
IF TIRE HEIGHT HAS NOT BEEN CHANGED, PRESS N

- Press ‘N’ if the original size tires are being used.

USE UP/DOWN ARROWS TO SELECT CORRECT TIRE HEIGHT. THEN PRESS Y TO SELECT N TO EXIT.
-- -- -- "

- Press ‘Y’ if you have installed tires with an overall height that is different than the original factory tires. This feature will allow you to adjust your speedometer and odometer readings for the new tire height. The ▲ and ▼ arrows will allow adjustments of 1/4" increments between 24" and 38" (2001-2005 Duramax) and 26" and 36" (2006-2007 Duramax). Press the ‘Y’ button to lock in the desired value. At any time you may press ‘N’ to exit and either try again or skip to the next option.

HOW TO DETERMINE TIRE HEIGHT

If you do not know your tire height, ask your tire dealer or measure a tire as follows:

1. Place a chalk mark on the tire where it contacts the pavement and also mark the pavement. These marks should be at the center of the tire footprint pointing straight down to the pavement.
2. Roll the vehicle in a straight line until the chalk mark makes one revolution and is pointing straight down at the pavement again. Mark the pavement again at this new spot.
3. Measure (in inches) the distance between the two (2) marks on the pavement. Divide the measurement by 3.1416. This will give you the tire height in inches.

C. TOP-SPEED LIMITER (2006-2007 Duramax ONLY)

TO ADJUST TOP SPEED LIMIT TO MATCH SPEED RATING OF HIGH-PERFORMANCE TIRES, PRESS Y
TO KEEP STOCK TOP SPEED LIMIT, PRESS N

- Press the 'N' button to keep your vehicle's stock top-speed limiter and skip to the next option.

USE UP/DOWN ARROWS TO ADJUST TOP SPEED LIMIT, THEN PRESS Y TO SELECT OR N TO EXIT.
_ _ _ _ _ MPH

- If you have installed factory-approved high-performance tires, press the 'Y' button to change your vehicle's top-speed limiter to match the speed rating of those tires. The speed rating or speed symbol will be found on the sidewall of your tires. Here are the corresponding symbols and maximum top-speed limits that can be programmed into your vehicle:

M - 81 MPH	T - 118 MPH
N - 87 MPH	U - 124 MPH
P - 93 MPH	H - 130 MPH
Q - 99 MPH	V - 149 MPH
R - 106 MPH	W - 168 MPH
S - 112 MPH	Y - 186 MPH

IMPORTANT NOTE: Changes to top-speed limiter is not recommended for load rated tires. Serious damage or injuries could occur. Also, for safety reasons, the actual top-speed limit set in the vehicle is two (2) miles-per-hour less than the selected tire's speed rating.

D. REAR GEAR RATIO (2006-2007 Duramax ONLY)

IF REAR AXLE RATIO HAS BEEN CHANGED FROM ORIGINAL, PRESS Y
IF REAR AXLE RATIO HAS NOT BEEN CHANGED, PRESS N

- Press ‘N’ if the rear gear ratio has not been changed from the factory installed gear. Making this choice will skip to the next option.

USE UP/DOWN ARROWS TO SELECT CORRECT REAR AXLE RATIO, THEN PRESS Y TO SELECT OR N TO EXIT.
_ _ _ _ - - _ _ :1

- Press ‘Y’ if you have installed a rear gear with a ratio that is different than the original factory gear. This feature will recalibrate your speedometer/odometer readings. Press the ▲ and ▼ arrows to see all of the gear ratios available for your vehicle. Press ‘Y’ to lock in the gear ratio that you have installed.

E. REPORT

- After your last choice has been made, this screen will appear and list all of your choices:

YOU HAVE CHOSEN
.....

- Watch the screen as your choices scroll by on the bottom line. Now these two (2) alternating screens will appear:

PRESS Y TO BEGIN
PROGRAMMING

PRESS N TO
CHANGE OPTIONS

- If all choices are correct, press ‘Y’ to start programming. If you want to make a change to your choices, press the ‘N’ button to start over from the beginning.

F. PROGRAMMING

IMPORTANT NOTE: On certain applications, the dash message center may display random code information such as **REDUCED ENGINE POWER**. This is a **NORMAL** step during the programming process for certain applications.

- First, the programmer will read out your vehicle's stock program.

READING COMPUTER

XX%

- When the programmer has finished this, it will wait a few seconds and then begin programming the changes into your vehicle.

WRITING COMPUTER

XX%

- This display will show percentage completion while the programming is taking place. While the unit is programming, the following is **EXTREMELY IMPORTANT**:
 - * **DO NOT** leave the vehicle while programming is in process.
 - * **DO NOT** disturb the cable.
 - * **DO NOT** turn the key off. **DO NOT** start the engine.
 - * **If the unit stops programming or is interrupted, please make a note of any message(s) that appear on the programmer screen. This will be helpful to our technical department.**
- Any one of these actions will disturb the programming process. The programmer is designed to recover from these conditions, but they should be avoided.

IMPORTANT NOTE: If during the reading and/or programming stage, the Power Programmer does not show an increase in percentage for at least five (5) minutes, **LEAVE THE KEY IN THE 'ON' POSITION** and unplug the Power Programmer from the diagnostic port. Then, reinsert the cable into the diagnostic port and press the ▲ button. This will allow the programming to continue. If the problem continues, call Hypertech at 901-382-8888.

- Programming is complete when the unit reaches 100%.
(Programming takes approximately 1.5 to 2 minutes)
The following screens will appear:

HYPERTech POWER
TUNING INSTALLED

TURN KEY OFF
FOR 30 SECONDS

TO END, PRESS Y
AND UNPLUG CABLE

- Turn the key off for thirty (30) seconds, press the 'Y' button, and unplug the programmer cable from the DLC under the dash panel.
- Start the engine and make sure the Service Engine Soon light on your instrument cluster goes out (If it stays on or flashes, Call Hypertech at 901-382-8888). Warm up the engine and make sure it is running smoothly.
- **If the vehicle is equipped with OnStar, reinstall the OnStar fuse(s) back into the fuse panel(s), making sure the proper amperage fuse is in each location and the fuse panel cover(s) are reinstalled (See Section 1 for details).**

SECTION 3: PROGRAMMING BACK TO STOCK OR CHANGING OPTIONS

You may return your vehicle's computer back to stock programming at any time after using your programmer. Follow these steps to return your vehicle back to the stock tuning or change your option settings.

- Reconnect the programmer to the DLC. Next, turn the ignition key to run but do not start the engine. Press the ▲ arrow and wait for the programmer to identify your vehicle, just as before. Since the programmer has programmed your vehicle's computer, this screen will appear:

HYPERTECH POWER
TUNING INSTALLED

- Then this screen will appear:

PRESS Y TO RETURN VEHICLE TO FACTORY SETTINGS
PRESS N TO ACCESS POWER PROGRAMMER FEATURES

- Press 'Y' to return to the original factory program.
- Press 'N' to allow you to see the options in Section 2.
- If the 'Y' button is pressed, programming back to stock will begin. These screens will appear:

WRITING COMPUTER
XX%

FACTORY PROGRAM
IS NOW INSTALLED

TURN KEY OFF
FOR 30 SECONDS

TO END, PRESS Y
AND UNPLUG CABLE

- Turn the key off for thirty (30) seconds, press the 'Y' button, and remove the cable as before. Your vehicle's computer will now be in a completely stock tuning configuration.

SECTION 4: TROUBLESHOOTING GUIDE

The programmer will notify you of incidents that are out of the ordinary. Here are some of the screens that may be encountered.

1. LOSS OF COMMUNICATION

CODE 91: PROGRAM YOUR VEHICLE BACK TO STOCK BEFORE
PROGRAMMING ANOTHER VEHICLE

- This screen will appear if the programmer is unable to communicate with your vehicle's computer. If the problem is corrected, the programmer will automatically restart the programming process. Take these steps to correct the problem:
 1. Make sure that the ignition key is in the RUN position and that the engine is not running.
 2. Make sure that both ends of the cable are securely attached.
 3. Wait at least five (5) minutes for the programmer to re-establish communication and program the vehicle.
 4. If the three (3) steps above do not correct the problem, call Hypertech at 901-382-8888.

2. CABLE REMOVED WHILE PROGRAMMING

- The programmer will lose power during programming if the cable is removed for any reason. If this happens, simply reconnect the cable and press the ▲ arrow. The programmer will identify your vehicle and then display:

PROGRAMMING WAS
INTERRUPTED...

PROGRAMMING WILL
CONTINUE NOW

- The programmer will then continue programming from where it was interrupted.

NOTE: If the programmer was interrupted during the Reading stage, programming will NOT be considered interrupted, and the programmer will proceed to Section 2 on page 8.

3. ATTEMPTING TO PROGRAM A DIFFERENT VEHICLE

- If you attempt to program the computer in another vehicle without first programming the original vehicle back to stock, the following screen will appear:

CODE 91: PROGRAM YOUR VEHICLE BACK TO STOCK BEFORE
PROGRAMMING ANOTHER VEHICLE

4. CALIBRATION NOT FOUND

- If your vehicle has a factory program that is not recognized by the programmer, it cannot continue. This screen will appear:

CODE 6D:
CAL NOT FOUND

- Call Hypertech at the provided phone number on the programmer screen. Please have your vehicle VIN number ready. The Hypertech technical staff will instruct you what to do.

5. SOMEONE REPROGRAMS YOUR COMPUTER

- If a service facility reprograms your vehicle's computer with an update, your Hypertech Power Tuning will be erased. However, all you need to do is to reconnect the programmer and press the ▲ arrow.
- If the new vehicle computer calibration is identified by the programmer, the options in Section 2 will be shown. If the new vehicle computer calibration can not be identified by the programmer, this screen will appear:

CODE 6D:
CAL NOT FOUND

- Call Hypertech at the provided phone number on the programmer screen. Please have your vehicle VIN number ready. The Hypertech technical staff will instruct you what to do.

6. BLANK SCREEN

- If the programmer does not turn on when the ▲ arrow is pressed, make sure that both ends of the cable are fully inserted. Press the ▲ arrow again. If the programmer still does not turn on, **check for a blown fuse in the vehicle fuse panel for either the cigarette lighter or the accessory circuit.** Replace with the proper amperage fuse. Call Hypertech at 901-382-8888, if this does not correct the problem.

**IF YOU HAVE ANY PROBLEMS OR QUESTIONS,
PLEASE CALL OUR TECHNICAL STAFF AT 901-382-8888**

HOURS: 8AM - 5PM Central Time, Monday - Friday
Hypertech, Inc. 3215 Appling Road
Bartlett, TN. 38133-3999

Visit our website at www.hypertech.com
or e-mail us at sales@hypertech.com

What To Do Before Taking Your Vehicle In For Service

If you take your vehicle to a dealer or mechanic for service, you must first remove the Hypertech Power Tuning and restore the stock programming. This is because diagnostic devices expect to find stock calibrations and will often overwrite the program if the latest calibration is not found in the computer memory. This will result in the loss of your Hypertech Power Tuning data. The Hypertech Power Programmer has an internal security system that allows its Power Tuning program to be installed in only one vehicle at a time. In order to maintain the most current calibrations for your vehicle, the Power Programmer is designed to allow you to restore the stock tuning before you take your vehicle in for service so that the service technician can upgrade your stock calibrations. After the service is complete, you can reinstall your Hypertech Power Tuning. If you have any questions related to service issues, please call Hypertech at 901-382-8888.

PRODUCT WARRANTY

Factory Direct Limited Lifetime Warranty

All HYPERTECH Power Tuning Products* are warranted against defects in materials or workmanship. Hypertech's liability under this warranty shall be limited to the prompt correction or replacement of any defective part of the product which HYPERTECH determines to be necessary. This Limited Lifetime Warranty is to the original purchaser for as long as he or she owns the vehicle on which the product is originally installed, providing all the information requested is furnished. You must retain a copy of your original sales invoice or receipt. Without proper documentation, a service fee will be applied. **Resold units are NOT covered under this warranty.**

* Power Tuning products are Power Chips, Power Modules, Power Tuning Modules, HyperPACs, and Power Programmers.

SPECIALTY AUTO PARTS CONSUMER'S BILL OF RIGHTS

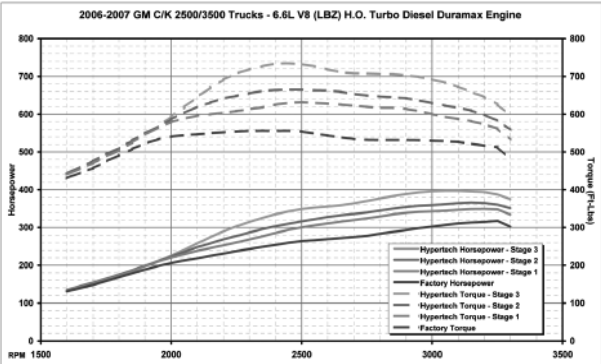
Your Rights To Personalize Your Vehicle

- Article 1: You have the **Right** to buy high-quality, reliable aftermarket performance and specialty parts, accessories, and styling options.
- Article 2: You have the **Right** to use high-quality aftermarket parts and know that your new vehicle warranty claims will be honored. In fact, your vehicle dealer may not reject a warranty claim simply because an aftermarket product is present. A warranty denial under such circumstances may be proper only if an aftermarket part caused the failure being claimed.
- Article 3: You have the **Right** to install and use emissions-legal aftermarket performance parts without incurring hassles and onerous procedures during state vehicle emissions inspections.
- Article 4: You have the **Right** to actively oppose any proposed (or existing) laws or regulations that will reduce your freedom to use aftermarket automotive parts and service or will curtail your ability to take part in the automotive hobbies of your choice.
- Article 5: You have the **Right** to patronize independent retail stores and shops for vehicle parts and service. The U.S. aftermarket offers the world's finest selection of performance and specialty parts, accessories, and styling options. These aftermarket products satisfy the most discriminating customers seeking personalized vehicles for today's lifestyle.

The Consumer's Bill Of Rights courtesy of
Specialty Equipment Market Association (SEMA)

Typical Performance Gains

NOTE: All dynamometer tests are performed under controlled conditions. Results may vary, depending on the specific vehicle, altitude, temperature, fuel used, and various other conditions that affect vehicle performance. Power gains shown are specific to the vehicle tested and representative of the average gains verified. **For a color, printable power graph of your particular application, check out our website at www.hypertech.com.**



RPM	Horsepower			
	Factory HP	Hypertech Stage 1 HP (Gain)	Hypertech Stage 2 HP (Gain)	Hypertech Stage 3 HP (Gain)
1600	131	134 (+3)	135 (+4)	135 (+4)
1800	168	173 (+5)	175 (+7)	174 (+6)
2000	206	221 (+15)	223 (+17)	226 (+20)
2200	231	253 (+22)	269 (+38)	290 (+59)
2300	243	269 (+26)	287 (+44)	315 (+72)
2400	254	286 (+32)	304 (+50)	335 (+81)
2450	260	294 (+34)	310 (+50)	343 (+83)
2500	264	301 (+37)	317 (+53)	349 (+85)
2600	269	311 (+42)	328 (+59)	356 (+87)
2650	272	316 (+44)	333 (+61)	359 (+87)
2750	278	325 (+47)	340 (+62)	370 (+92)
2800	284	329 (+45)	345 (+61)	377 (+93)
2900	293	339 (+46)	355 (+62)	389 (+96)
3000	303	343 (+40)	359 (+56)	396 (+93)
3050	307	345 (+38)	362 (+55)	397 (+90)
3100	311	347 (+36)	364 (+53)	397 (+86)
3150	313	349 (+36)	366 (+53)	395 (+82)
3200	315	349 (+34)	365 (+50)	394 (+79)
3250	318	348 (+30)	361 (+43)	387 (+69)
3300	302	335 (+33)	351 (+49)	375 (+73)

RPM	Torque			
	Factory Torque	Hypertech Stage 1 Torque (Gain)	Hypertech Stage 2 Torque (Gain)	Hypertech Stage 3 Torque (Gain)
1600	431	440 (+9)	443 (+12)	443 (+12)
1800	491	505 (+14)	511 (+20)	508 (+17)
2000	541	579 (+38)	586 (+45)	594 (+53)
2200	582	604 (+22)	642 (+60)	682 (+100)
2300	556	613 (+57)	655 (+99)	719 (+163)
2400	556	626 (+70)	664 (+108)	734 (+178)
2450	557	630 (+73)	665 (+108)	735 (+178)
2500	554	632 (+78)	665 (+111)	733 (+179)
2600	544	628 (+84)	663 (+119)	718 (+174)
2650	539	626 (+87)	659 (+120)	711 (+172)
2750	532	620 (+88)	650 (+118)	708 (+176)
2800	532	617 (+85)	647 (+115)	707 (+175)
2900	532	614 (+82)	642 (+110)	703 (+171)
3000	530	600 (+70)	629 (+99)	693 (+163)
3050	529	593 (+64)	622 (+94)	684 (+156)
3100	527	587 (+60)	617 (+90)	672 (+145)
3150	522	582 (+60)	610 (+88)	659 (+137)
3200	517	573 (+56)	599 (+82)	646 (+129)
3250	513	563 (+50)	593 (+76)	626 (+113)
3300	481	532 (+51)	559 (+78)	597 (+116)

MAX Horsepower	MAX Torque
357 HP @ 3050 RPM	735 Ft-Lbs @ 2450 RPM
366 HP @ 3150 RPM	665 Ft-Lbs @ 2500 RPM
349 HP @ 3250 RPM	632 Ft-Lbs @ 2500 RPM
316 HP @ 3250 RPM	557 Ft-Lbs @ 2450 RPM

Hypertech Stage 3
Hypertech Stage 2
Hypertech Stage 1
Factory

MAX Horsepower Gain	MAX Torque Gain
+85 HP @ 2900 RPM	+178 Ft-Lbs @ 2450 RPM
+62 HP @ 2750 RPM	+120 Ft-Lbs @ 2650 RPM
+46 HP @ 2850 RPM	+68 Ft-Lbs @ 2700 RPM
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Tuning Features

Diesel Fuel Power Tuning (3 Stages)

Adjustable Top Speed Limiter for speed rated tires*: 81, 87, 93, 96, 106, 112, 118, 124, 130, 148, 168, 186 MPH

Tire Size Correction for 26"-36" tires

Axis Ratio Corrections for 3.23:1, 3.42:1, 3.73:1, or 4.10:1 gear ratios

Reads and Clears Factory Diagnostic Trouble Codes (DTC's)

* CHANGING TOP SPEED LIMITER NOT RECOMMENDED FOR LOAD RATED TIRES

HYPERTech
3216 Appling Rd., Bartlett, TN 38133 www.Hypertech.com
(601) 382-0888 © Hypertech, Inc. 2006

Vehicle Tested: 2006 Chevrolet C2500 HD
Engine: 6.6L LBZ Duramax
Transmission: Allison Automatics
Gear Ratio: Stock
Tire Size: Stock
Test Date: 6/29/2006

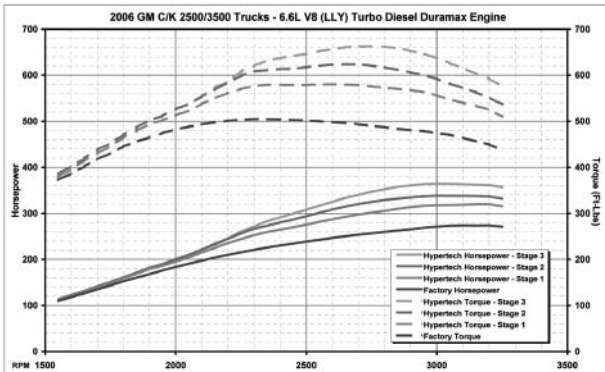
Hypertech Part Numbers

30033

30034

2006

2007



RPM	Horsepower				
	Factory	Hypertech Stage 1	Hypertech Stage 2	Hypertech Stage 3	
1600	110	112 (+2)	114 (+4)	114 (+4)	
1800	118	121 (+3)	123 (+5)	123 (+5)	
2000	153	159 (+6)	161 (+8)	161 (+8)	
2200	184	195 (+11)	201 (+17)	201 (+17)	
2400	210	235 (+25)	245 (+35)	246 (+36)	
2600	221	253 (+32)	267 (+46)	272 (+51)	
2800	230	265 (+35)	280 (+50)	291 (+61)	
3000	243	282 (+39)	301 (+58)	317 (+74)	
3200	247	287 (+40)	309 (+62)	325 (+78)	
3400	250	293 (+43)	315 (+65)	334 (+84)	
3600	257	301 (+44)	325 (+68)	347 (+90)	
3800	260	306 (+46)	329 (+69)	353 (+93)	
4000	263	310 (+47)	332 (+69)	358 (+95)	
4200	264	314 (+49)	336 (+69)	361 (+95)	
4400	271	318 (+47)	338 (+67)	364 (+93)	
4600	274	320 (+46)	337 (+63)	361 (+87)	
4800	271	316 (+45)	332 (+61)	357 (+86)	

RPM	Torque				
	Factory	Hypertech Stage 1	Hypertech Stage 2	Hypertech Stage 3	
1600	373	379 (+6)	385 (+12)	385 (+12)	
1800	387	396 (+9)	403 (+16)	403 (+16)	
2000	446	465 (+19)	471 (+25)	471 (+25)	
2200	483	513 (+30)	527 (+44)	527 (+44)	
2400	501	562 (+61)	585 (+84)	586 (+85)	
2600	505	577 (+72)	609 (+104)	620 (+115)	
2800	504	579 (+75)	614 (+110)	638 (+134)	
3000	500	580 (+80)	621 (+121)	653 (+153)	
3200	499	580 (+81)	623 (+124)	657 (+158)	
3400	496	580 (+84)	624 (+128)	661 (+165)	
3600	490	576 (+86)	621 (+131)	664 (+174)	
3800	487	573 (+86)	617 (+130)	662 (+175)	
4000	484	571 (+87)	613 (+130)	659 (+175)	
4200	481	568 (+87)	607 (+130)	653 (+172)	
4400	475	556 (+81)	593 (+118)	638 (+163)	
4600	460	526 (+78)	562 (+102)	593 (+143)	
4800	439	510 (+71)	537 (+96)	577 (+138)	

MAX Horsepower	MAX Torque
364 HP @ 3000 RPM	664 Ft-Lbs @ 2750 RPM
338 HP @ 3000 RPM	624 Ft-Lbs @ 2650 RPM
320 HP @ 3200 RPM	580 Ft-Lbs @ 2550 RPM
274 HP @ 3200 RPM	505 Ft-Lbs @ 2300 RPM

Hypertech Stage 3
Hypertech Stage 2
Hypertech Stage 1
Factory

MAX Horsepower Gain	MAX Torque Gain
+55 HP @ 2900 RPM	+175 Ft-Lbs @ 2850 RPM
+70 HP @ 2850 RPM	+131 Ft-Lbs @ 2750 RPM
+48 HP @ 2900 RPM	+87 Ft-Lbs @ 2900 RPM
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Tuning Features

Diesel Fuel Power Tuning (3 Stages)

Adjustable Top Speed Limiter for speed rated tires*: 81, 87, 93, 99, 106, 112, 118, 124, 130, 140, 149, 158, 166 MPH

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Reads and Clears Factory Diagnostic Trouble Codes (DTC's)

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HYPERTECH

3215 Apping Rd., Bartlett, TN 38133 www.hypertech.com
 (901) 362-6888 © Hypertech, Inc. 2006

Vehicle Tested: 2006 Chevrolet C2500 HD

Engine: 6.6L LLY Duramax

Transmission: Allison Automatic

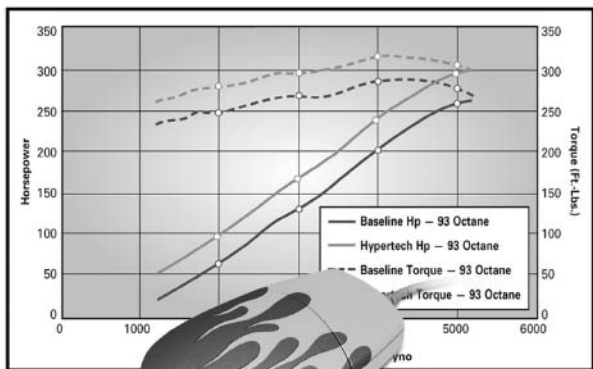
Gear Ratio: Stock

Tire Size: Stock

Test Date: 6/19/2006

Hypertech Part Number

30033



Make Tracks To Our Website

If you'd like to see how much horsepower and torque Hypertech Power Tuning™ can deliver for your car or truck, visit our website for the latest dyno charts for the most popular Dodge, Ford, & GM vehicles. If you don't find the dyno chart for your application listed on our website, please send us an email (sales@hypertech.com) for the horsepower and torque gains of your particular application.

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