

# SCORCHER™

by aFe



Getting Started



Automotive Tuning

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## Before You Begin

### What's in the box:

#### Scorcher

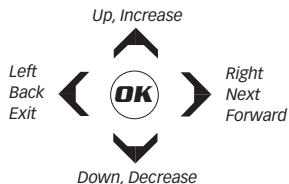
*with attached OBD-II cable (not shown)*



#### USB cable

*for easy internet updates*

## Button Functions



# Dear Auto Enthusiast

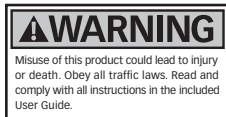
*Thank you for purchasing one of our Scorcher programmers Powered by Superchips.*

We specialize in delivering real world performance to your ride. The Scorcher programmer is easy to use, flexible and easy to update when you want to. This "Getting Started Guide" will walk you through programming your vehicle and using the many exciting features a Scorcher programmer offers. Better yet, personalize your aFe Power experience with downloadable updates, upgrades and features at [www.afepower.com](http://www.afepower.com).

Our programmers are small for your convenience, but they pack a huge punch. Scorcher technology delivers features you expect and each Scorcher programmer includes specific tunes that tie directly to other aFe Power products (intakes, exhaust, throttle body spacers, etc.)

Thank you for supporting aFe Power. For more information, visit [www.afepower.com](http://www.afepower.com). Now get programming – it's time you drove with real aFe Power performance, power, control and economy.

***Get Tuned*** – The aFe Power Team



**Note:** aFe Power tuning devices for diesel engines are not currently compliant with CARB emissions certification procedures but are in a "pending" status and will be completed as requirements are met. Therefore, they are presently not legal for sale or use in California on pollution controlled diesel-fueled vehicles.

# Getting Started - Step 1

## Update Your Programmer

Regularly use the aFe internet update software to check for updates. The software can be downloaded at [www.afepower.com](http://www.afepower.com). With the click of a mouse, your programmer is up-to-date with the latest software and calibrations. Included in the update are the vehicle manufacturer's most recent calibration as well as feature and safety updates.

### Follow these steps:

*You will need to be connected to the internet and running Windows XP/2000, Vista or Windows 7.*

1. Download Easy Update software at [www.afepower.com](http://www.afepower.com).
2. Run the setup program.
3. Once installed, run the Easy Update software.
4. If necessary, create a new registration account or login into your existing account.
5. Update your programmer.

### Helpful Hint



Use the internet Easy Update software to enable advanced features such as data acquisition software.

### Helpful Hint



Try this if you have trouble updating your programmer:

- Use your computer's rear USB ports for optimal power
- Close extra programs to maximize resources
- Avoid wireless connections to minimize interruptions
- Avoid running laptops on battery during updates
- Disable screen savers to avoid interruptions

## Getting Started - Step 2

### Plug Your Programmer into the Vehicle's OBD-II Port

Locate your vehicle's OBD-II port, then insert the Programmer's OBD-II cable.



*Your OBD-II Vehicle Port is usually located under the drivers side dash as shown here.*

#### Helpful Hint



Do not remove the programming cable during any programming sequence. If you do, the vehicle may not start. A Scorcher programmer is designed to automatically go into Vehicle Recovery Mode and if this occurs, it will return your vehicle to factory stock. Contact Tech Support for assistance at 951.493.7155.

**When programming your vehicle, use care not to bump, move or wiggle the cable when it is plugged into the diagnostic port.**



During quality control testing, engineers have noted diagnostic ports with worn or loose connections creating the potential for power to be lost to the programmer. If this happens, the programmer will go into recovery mode and return your vehicle to factory stock. Contact Tech Support for assistance at 951.493.7155.

# Getting Started - Step 3

## Program Your Vehicle

Your programmer will automatically power on when it's plugged into an OBD-II port.

### Select Tune Vehicle

Press OK

### Select Quick Tune or Advanced Tune

Press OK

**Switch ignition between OFF and RUN (ON) as requested – Do not start engine**

**Note:** Not all features are available on every make, model and engine. Contact Tech Support if you have any questions.

### Helpful Hint

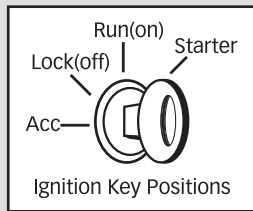
**"Quick Tune"** changes the power level of your vehicle and uses the most popular features and settings.

**"Advanced Tune"** changes the power level of your vehicle and allows you to select settings for advanced features and settings.

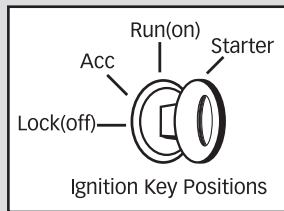
### Helpful Hint

Ignition switch positions

Most 1996-2003



Most 2003-2009



**The Stock File is now saved (first time only) - Press OK**

**Select Tune Level - Follow on screen prompts for power level requirements. These may vary by product and could include all or some of the following:**

- aFe Performance
- aFe Heavy Load Tow
- aFe Light load Tow
- aFe Transmission Only
- aFe 87 Octane
- aFe Stock w/Options
- aFe Factory Stock



**Switch ignition between OFF and RUN (ON) as requested - Do not start engine**

Once you have completed all the on-screen prompts and made your selections, the programmer will update your vehicle and you are ready to drive.

### Helpful Hint

Try these first if your vehicle or programmer has trouble programming. If problems persist, call Tech Support (951.493.7155).

- Turn off radios, amplifiers, CD/DVD players, etc.
- Unplug all accessories: cell phone chargers, laptops, GPS, etc.
- Turn off auto-headlights, auto-wipers, A/C – heater fan/controls
- Do not open vehicle doors, adjust power seats or use power windows



# Tunes

## Track Performance

### aFe Performance

Maximum engine and transmission performance gains.

- ⚠ Towing not recommended.
- ⚠ Octane requirements vary for gas vehicles. Follow recommended guidelines.

## Helpful Hint



Your Scorcher programmer is designed to automatically show the power levels and features available once it has identified your vehicle.

## Tow Power

### aFe Heavy Load Tow

Optimizes engine and transmission performance for heavy towing applications.

- ⚠ Tow rated up to OEM max towing recommendation.
- ⚠ Octane requirements vary for gas vehicles. Follow recommended guidelines.

### aFe Light Load Tow

Optimizes engine and transmission performance for mid-weight range towing applications.

- ⚠ Tow rated up to aFe Power recommended tow limits. See limits for your vehicle displayed by the programmer during programming process.
- ⚠ Octane requirements vary for gas vehicles. Follow recommended guidelines.



## Economy

### aFe Mileage SAVE Feature

Optimizes engine and transmission performance for fuel economy.

⚠ Towing not recommended.

⚠ Uses 87 Octane calibrations for gas vehicles where applicable.

### aFe 87 Octane

Optimizes settings allowing 91 Octane required or recommended vehicles to safely use 87 Octane gasoline.

⚠ Towing not recommended.

## Other Calibration Options:

### aFe Stock w/Options

Uses factory stock calibration plus user chosen options and settings.

⚠ Engine and transmission calibrations are not installed.

⚠ Only selected user options will be installed.

### aFe Factory Stock

Returns vehicle to factory stock. Removes **all** Scorcher tuning from your vehicle.

⚠ Recommended for trips to service centers for maintenance.

### aFe Transmission Only

⚠ Optimizes transmission performance for towing applications. Select applications only.

# Advanced Options

Most options are optimized using the Quick Tune tuning option. Use Advanced Tune to independently set options. Options vary by vehicle.

## aFe Speed Limiter

Adjusts top speed limiter by increments or fixed values.

- ⚠ Vehicle must have appropriate speed rated tires.
- ⚠ Do not exceed proper operating conditions.
- ⚠ Obey all traffic laws.
- ⚠ For use only on a controlled track. Never exceed legal limits on public roadways.

## aFe Rev Limiter

Adjusts engine rev limiter by increments or fixed values.

- ⚠ Vehicle must have appropriate speed rated tires.
- ⚠ Do not exceed proper operating conditions.

## aFe Tire Height

Corrects speedometer, odometer and automatic transmission shift points (where supported) for wheel and tire changes.

- ⚠ 2007 – 2010 Wrangler JK can calibrate tire sizes from 22.5 – 42.0 in 0.25 inch increments.

### Helpful Hint

Your Scorcher programmer is designed to automatically show you the advanced options available once it has identified your vehicle.



### Helpful Hint

Measure from the ground to the top of your tire. Place a ruler or flat level item on the top of your tire to measure accurately. Measure in 1/4 inch increments rounding up.



### ⚠ WARNING

Increasing the height of your vehicle raises the center of gravity and can affect stability and control. Use caution on turns and when making steering corrections.

## **Axle (Gear) Ratio**

Corrects the speedometer, odometer and automatic transmission shift points (where supported) for rear end gear changes.

⚠ Confirm aftermarket parts are installed before adjusting this option.

⚠ 2007 – 2010 Wrangler JK gear ranges are 2.00 – 10.00 in 0.01 increments.

## **Automatic Transmission Shift Points**

Adjust transmission points for optimized drivability and operation. Varies by vehicle.

## **Automatic Transmission Shift Pressure**

Adjust transmission pressure in PSI to allow for a more aggressive shift. Varies by vehicle.

## **Cooling Fan**

Adjusts fan turn ON temperature. Varies by vehicle.

# Jeep® Features

Most Jeep options are optimized using the quick tuning option. Use Advanced Features to independently set options. Scorcher will automatically show you the advanced features available for your Jeep.

## **Transfer Case (gear)**

Corrects speedometer, odometer and automatic shift points (where supported) for transfer case gear changes.

- ⚠ Confirm aftermarket parts are installed before adjusting this option.
- ⚠ 2007 – 2010 Wrangler JK Transfer Case selections are limited to No T-Type, NV-241 and NV-231.

## **Axle Lock**

Locks an axle in 4WD-HI on the Wrangler JK. The axle locking feature works on the front and rear axles, but cannot lock both axles at the same time.

- ⚠ Axle Lock is a stand-alone feature meaning no programming is required.
- ⚠ If you exceed 30 MPH for 15 seconds or longer, the Axle Locking feature will automatically disengage to avoid damage to the axles.

## **Real Time Idle Up**

Allows you to raise the idle of your Jeep for 'powered take offs' or running accessories such as air compressors or welders. The idle up is a real-time feature meaning no programming required. Just plug Scorcher into the OBD-II port and control the idle in real-time. The range you may increase the idle is 800 – 1600 RPMs.

- ⚠ Real Time Idle Up is a real-time feature meaning no programming is required. When you restart the engine, the ECU will return to the default idle RPM setting.

## **Tire Pressure Monitoring System Adjustment**

Recalibrates the system thresholds to better suit different terrain uses without triggering the dash light.


- ⚠ Tire Pressure Monitoring System Adjustment is a stand-alone feature meaning no programming is required.
- ⚠ Lowering a vehicle's tire pressure below that specified by the vehicle/tire manufacturer may create unsafe handling characteristics. aFe Power assumes no responsibility for a vehicle's handling characteristics or the safety of the vehicle's occupants.

# Jeep Power Levels

There are several available tunes in the Scorcher for Jeep vehicles. Scorcher automatically shows you the tunes available for your Jeep.


## 93 Performance

Requires the use of **93 Octane** gas and is used for maximum horsepower, torque and drivability for on-road and off-road uses. The tune is calibrated for 2WD, 4WD-HI and 4WD-LO uses.

 This tune is currently only available for JK models.


## 91 Performance

Requires the use of **91 Octane** gas or better and is used for premium horsepower, torque and drivability for on-road and off-road uses. The tune is calibrated for 2WD, 4WD-HI and 4WD-LO uses.

 This tune is available for all Jeeps covered by aFe Power.

## 87 Performance

Requires the use of **87 Octane** gas and is used for extra horsepower, torque and drivability for on-road and off-road uses. The tune is calibrated for 2WD, 4WD-HI and 4WD-LO uses.

 This tune is available for all Jeeps covered by aFe Power.

## Towing Tune

Requires the use of **91 Octane** gas or better and is used for an optimized towing experience for up to the OEM recommended towing limits.

- ⚠ This tune is safe to use in 4WD-HI or 4WD-LO and is available for all Jeeps covered by aFe Power.

## Crawling Tune

Is an aFe Power exclusive tune offering low throttle response and high low-end torque tune designed for precision low-speed maneuvers.

- ⚠ This tune is currently only available for JK models.

## Approved For Jeep



Your Jeep Scorchers Programmer WILL work with the following:

- Short or normal tube headers.
- Snorkels.
- An engine that has been changed to a 5.7L HEMI, as long as the factory HEMI ECU is installed.
- Aftermarket cat-back exhaust and cold air intake kits.

## Not Recommended



For optimum Jeep performance, aFe Power does NOT recommend the following:

- Long tube headers.
- Over-bored or stroked engines.

## Returning to Stock

The first time you program your vehicle, your factory stock tune is saved into the programmer. Once your vehicle has been programmed, you may return it to the factory stock settings at any point.

### Select Tune Vehicle

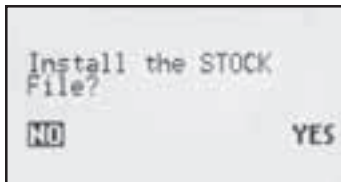
*Press OK*

### Select Quick Tune

*Press OK*

### Select Factory Stock

*Press OK*



**Follow on-screen prompts.**

**Switch Ignition OFF/RUN (On) as requested**

*(Do not start engine)*

**Before taking your vehicle to a service center, return the vehicle to factory stock.**



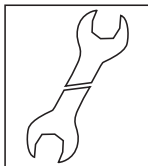
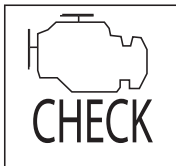
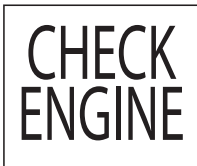
The service center might reprogram your vehicle with an updated program without your knowledge. If you did not use an aFe Power programmer to return your vehicle to factory stock and your vehicle is reprogrammed by the service center, the programmer will no longer be able to program your vehicle.



# Engine Diagnostic Tool

Use the Engine Diagnostic Tool to check trouble codes. A Diagnostic Trouble Code (DTC) arises when a vehicle's computer detects a sensor failure or a parameter outside a specific range. Most vehicles will illuminate the check engine light. A Scorcher programmer will read, identify and let you clear DTCs if desired.

1. **Read DTC:** Plug your programmer into the OBD-II on your vehicle. Use the diagnostic tool to read the DTC from the vehicle's computer. If a code is present, it will be displayed with a full text description.
2. **Clear DTC:** If your vehicle displays a DTC, a Scorcher programmer can clear the code, turning off your check engine light.



## Helpful Hint

If a DTC persists, this could indicate a vehicle malfunction or problem condition. Be sure to return the vehicle to stock prior to taking it in for service to address the issue.



# Information and Settings

You can change the display setting by simply connecting the programmer to your computer. For Programmer and/or Vehicle information, the Scorcher software needs to be installed.

## **Programmer Information**

Displays serial number of the programmer, firmware version and vehicle database versions (car database, gas truck database, diesel database, etc.) Firmware and databases are updated through the Scorcher Internet Easy Update application.

## **Vehicle information**

Displays VIN of the programmed vehicle, programmer status and the Scorcher file number associated with the programmed vehicle.

## **Display Settings**

Adjusts display settings for use in direct sunlight, nighttime or low lighting.

## **Set Contrast**

Adjusts the darkness of text and graphics.

## **Set Backlight**

Enables or disables your screen backlight.

## **Scroll Speed**

Adjusts how fast an option is highlighted.

## **Helpful Hint**



Stay current for the best performance of your vehicle and programmer. Get the latest updates using the Scorcher Easy Update software.

# Data Acquisition

Plug your programmer into the vehicles OBD-II port for unsurpassed data acquisition. There is support for performance logging of vehicle speeds and distances. You can compare the stock vs. programmed performance of your vehicle. Also, with our advanced features, you can monitor and record individual live sensor values or computer data. Features available for your vehicle will automatically be shown once Scorcher has identified your vehicle.

## DAQ 1: Data Logging

- Timed runs (60 foot – ¼ mile)
- 0 – 60 MPH times
- Best speed & time history

## DAQ 2: Display & Store PID Data

- Air and fuel data
- Mass air flow rates and temperature
- Ignition timing
- Injector fuel rates
- Direct sensor information
- Diagnose faulty sensors
- Monitor fluid temperatures
- View live powertrain data
- View engine and transmission sensor data

Your programmer is for in-cabin use. Be sure to store in a secure location while using data acquisition software such as a universal cell phone holder.

## Helpful Hint

Use the aFe Power Easy Update software to enable Data Acquisition in your programmer.



# Scorcher Features

Here are the many exciting features of aFe Power products.

## **Towing Power**

Optimizes for handling heavy loads.

## **Track Speed**

Optimizes for maximum performance.

## **Fuel Economy**

Improves fuel economy.

## **Off-Road Control**

Optimizes the powertrain for maximum control.

## **Speedometer Calibration**

Corrects speedometer, odometer and automatic transmission shift points (where supported) for wheel, tire and rear end gear changes.

## **Internet Update**

Programmer is updateable over the internet providing the latest OEM released performance, economy and even safety features.

## **Engine Diagnostics**

Reads and clears diagnostic trouble codes that turn on your check engine light.

# Scorcher Mileage Features

## Fuel Economy

Improves fuel economy.

## Speedometer Calibration

Corrects speedometer, odometer, and automatic transmission shift points (where supported) for wheel, tire and rear end gear changes.

## Internet Update

Programmer is updateable over the internet providing the latest OEM released performance, economy, and even safety features.

## Engine Diagnostics

Reads and clears diagnostic trouble codes that turn on your check engine light.

## Upgradable

Your programmer can have even more features and calibrations added to it (*additional costs may apply*). See [www.afepower.com](http://www.afepower.com) for details.

## Helpful Hint



### Ten fuel savings tips

1. Tune your vehicle with "SAVE" tuning
2. Avoid aggressive driving
3. Observe the speed limit (*gas mileage usually decreases above 60 mph*)
4. Remove excess weight (*every 100 pounds may reduce mileage up to 2%*)
5. Use cruise control to maintain consistent speeds
6. Use overdrive gears to reduce engine speeds and parts wear
7. Check and replace air filters regularly (*clogged air filters can reduce mileage by 10%*)
8. Use the recommended grade of motor oil
9. Check and maintain tire pressures (*increases safety, MPG and tire durability*)
10. Some vehicles that recommend 89 or 91 octane may be able to use 87 octane after programming with aFe Power Scorcher providing additional savings at the pump

## Storage and Maintenance

It is NOT recommended to store your programmer in your vehicle in extreme heat, direct sunlight or extreme cold (temperatures near or below freezing). These conditions can cause malfunction or damage to the programmer.

Pay attention to your programmer during vehicle programming. A status screen or prompt may require action or attention.

**Do NOT** remove the programming cable during any sequence. Doing so may result in a vehicle no start condition. Please follow the programmer display screens. If the cable is removed during a programming sequence, the programmer is designed to go into recovery mode which returns your vehicle to factory stock settings. You will have to restart your programming sequence from the beginning.

Turn off all power-draining accessories during programming sequence, (including radio, lights, wipers, cell phones, A/C & heater controls, etc.) The programmer needs full battery voltage to program your vehicle. Ensure your vehicle is fully charged, and if connected to a battery charger, it is set to low/trickle charge only.

Follow these steps to keep your programmer looking factory new. Ensure the programmer is unplugged from all power sources. Lightly dampen a soft cloth with water and gently wipe away any dirt. Do not use any alcohol or solvents. Although your programmer has a durable design, strong chemicals or excessive water could damage the unit.

# Trouble Shooting

## **When I plug in my programmer into my vehicle, it does not power up.**

**Solution:** The programmer plugs into your vehicle diagnostic connector that is usually powered through a fuse – the fuse may be blown.

- Ford and GM diagnostic connector usually shares power with the cigarette lighter fuse.
- Dodge diagnostic connector usually shares power with the radio and instrument cluster (under the hood fuse).

Check the fuse and replace if blown. Otherwise, try the programmer on another vehicle to make sure it powers up. If it does, then the wiring on the vehicle you are trying to program may be the issue (*See your dealer for service*).

## **My vehicle has been programmed by another tuning product and now my Scorcher programmer doesn't work.**

**Solution:** A Scorcher programmer checks to make sure your vehicle is 100% factory stock before programming. If your vehicle has been programmed by another tuning product, you will have to return your vehicle to factory stock before attempting to use our programmer.

## **My programmer displays status G-6F.**

**Solution:** The error code is a 'General Database Error'. It means your programmer does not have a complete database. Updating your programmer online using Scorcher Easy Update software will fix this.

## Trouble Shooting Continued

**When reading the vehicle's trouble codes (DTCs), I received a P1000 error code.**

**Solution:** P1000 is a DTC that sometimes appears after a vehicle is programmed or the battery cables are unplugged from the battery. It will automatically clear after several drive cycles. It cannot be removed using the 'DTC Clear' function.

**My vehicle has several aftermarket parts not made by aFe and after I program with Scorcher, the vehicle does not run well.**

**Solution:** A Scorcher programmer is designed to work with aFe manufactured bolt-on parts such as throttle body spacers, cold air intakes, and catback exhaust systems. If another manufacturers products are installed the programmer may not be compatible.

**My programmer did not complete programming and went into recovery mode.**

**Solution:** All Scorcher programmers are designed with 'Recovery Mode' which means if, for any reason, the programming process does not finish, the programmer will automatically program your vehicle back to the factory stock settings. It is necessary to follow the screen prompts, possibly requiring several 'Ignition On' and 'Ignition Off' sequences.

When recovery is complete your vehicle is at factory stock. You are now able to start your vehicle normally. You may now attempt to program your vehicle again. In the event that recovery is unsuccessful or fails to complete the programming cycle, a status message will display on the programmer. Please make note of the message displayed and contact aFe Power Tech Support at 951.493.7155.



**I left my Scorcher tuner in my vehicle and went to my dealer for service, now my programmer will not work.**

**Solution:** The dealership likely updated your vehicle's calibrations – sometimes to improve drivability, emissions or safety features and saved over the Scorcher tuning. The programmer does not recognize the new files in your vehicle. Contact aFe Power Tech Support at 951.493.7155 to correct the situation.

**My programmer works fine on my vehicle, but after I returned my vehicle to stock and tried it on another vehicle I own, the screen showed E-6D “Needs Update – why?”**

**Solution:** Every aFe Power programmer is freshly loaded at our factory with the latest databases meant to provide extremely broad vehicle coverage. Your vehicle's calibrations (tuning files) were inside our database, but your other vehicle had calibrations aFe Power has not seen before. You can run Scorcher Easy Update on your programmer. If the files are ready, you get them immediately. If not, you will receive an e-mail as soon as they are available.

**My programmer shows a ‘vehicle calibration not on file’ status.**

**Solution:** Every aFe Power programmer is loaded with the latest databases meant to provide extremely broad vehicle coverage. ‘Vehicle calibration not on file’ status occurs when a programmer does not have the necessary calibration files to program a vehicle. Update your programmer with Scorcher Easy Update software. If your calibration is available it will be downloaded to your programmer for immediate use. If your calibration is not available, your calibration will be uploaded to aFe Power's R&D for tuning. You will receive an e-mail as soon as your calibration is available. Calibrations are usually available in 1 – 2 business days.

## Questions and Answers

**Q: Does Scorcher support custom tuning?**

A: aFe Power products are engineered to be 50-state emission compliant by CARB and EPA standards. Custom tuning will not be offered at this time.

**Q: What aftermarket accessories will my Scorcher programmer work with?**

A: aFe Power programmers are engineered to work with the following parts right out of the box: throttle body spacers, shorty headers, cat-back exhaust system, and cold air intake kit. Compatibility may vary by make and model. If you have any questions contact aFe Power Tech support at 951.493.7155.

**Q: What are the differences in the download packages/update options?**

A: A 'Standard Update' gives you the latest Scorcher operating software and tunes for your vehicle. Standard updates download automatically when using the Easy Update software. Once this is complete you will have the option to choose additional downloads and features such as Data Acquisition and advanced tunes that only aFe Power supports. Read each package to know what is right for you.

**Q: How do I change my vehicle's calibration?**

A: Refer to the 'Program Your Vehicle' section in this Getting Started Guide for detailed instructions.

**Q: Why do you say you support my truck, but it doesn't seem to work on my cab and chassis?**

A: Scorcher supports 'complete' truck lines such as Ford F-150, GM C/K 1500 and Dodge Ram 1500. We do not support cutaway, cab and chassis for pickups built from cab and chassis frames. These vehicles are considered incomplete.

**Q: What if I have a 2007.5 or later Turbo Diesel with a Diesel Particulate Filter (DPF)?**

A: Your Scorcher programmer is 100% compatible with DPF-equipped vehicles. Your diesel vehicle is required to be equipped with a DPF to promote cleaner emissions. The filter reduces the amount of harmful exhaust emitted from the tailpipe. As soot builds up in the DPF, it will begin restricting the filter. The soot that gathers is automatically purged in one of two ways: passive regeneration or active regeneration. Both occur automatically and require no action on the driver's part.

**Q: How do I update my programmer?**

A: Your Scorcher programmer is designed to be easy to update. Simply follow the Easy Update section of this Getting Started Guide. All you need is an internet connection, aFe Power user name and password, and a few minutes.

## Limited Warranty

aFe Power warrants this product to be free from defects in material and workmanship under its intended normal use\*, when properly installed, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above; it will be repaired or replaced at the option of aFe Power. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of aFe Power. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall aFe Power or its suppliers be liable for special or consequential damages.

\*Intended normal use means that this item is being used as was originally intended and for the original application as sold by aFe Power. Any modification to this item, or if it is used on an application other than what aFe Power markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. aFe Power will accept no liability for custom applications.

## Service

If something goes wrong with your product during the warranty period, use the following procedure to return the product to aFe Power:

1. Call the aFe Power Professionals at 951.493.7155 Monday through Friday from 7:00am to 5:00pm PST to request a Return Authorization (RA) number.
2. Mark the outside of the shipping package with the RA number. Packages that are not marked with the RA number will be refused.
3. Make a copy of your sales receipt. The sales receipt must be from the location where you purchased your Product and must include the name of the business where you purchased the Product and the address of such business. Invoices, credit card statements or sales receipts from an online payment service company will not be accepted.
4. Send the Product, postage paid, the copy of the sales receipt, a brief written description of the problem and your contact information to:

**aFe Power, Inc.**  
252 Granite Street  
Corona, CA 92879  
Attn: Warranty Claims

We will inspect the Product and either repair it or replace it with a new or rebuilt Product. We reserve the right to use refurbished parts when making repairs.

Your Rights under State Law: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## Satisfaction Guarantee

If for any reason during the first thirty (30) days after your purchase of a new aFe Power "Product", you may return it to the place of purchase for a full refund of the purchase price, credit or a replacement Product at the dealer's discretion. This Guarantee does not apply to Products purchased from auctions websites nor does it apply to Products purchased used. Follow these procedures to get your refund, credit or replacement.

1. Return your vehicle to the stock settings. Instructions are included in the user instruction manual. A VIN-locked Product may not be returned for a refund, credit, or replacement.
2. Put the Product including accessories back in its original packaging.
3. Make a copy of your sales receipt. The sales receipt must be from the location where you purchased the Product and must include the name of the business, its address, and the part number or description of the applicable aFe Power Product. Invoices, credit card statements, or sales receipts from an online payment service company will not be accepted.
4. Return the Product in its original packaging with a copy of the sales receipt to the place of purchase.

### Service Guarantee

In case of malfunction, this aFe Power Product will be repaired free of charge according to the terms of the warranty. When returning Products for warranty service, Proof of Purchase must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

All returns must have a Return Authorization (RA) number issued to them before being returned. To obtain an RA number please contact aFe Power Tech Support at 951.493.7155.

When returning the Product for repair, include all package contents including cables. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle. The repaired unit will be returned as soon as possible using Ground shipping methods (ground shipping is covered by warranty). For more information, call aFe Power at 951.493.7155. aFe Power technicians are available from 8:00am to 5:00pm Monday - Friday (PST).



# WARNING

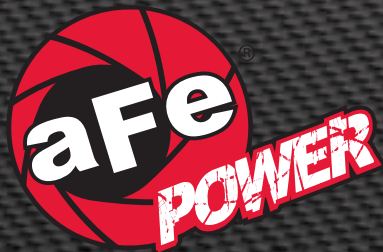
## READ BEFORE PROGRAMMING YOUR VEHICLE!

Properly installing a Scorchertune in your vehicle may increase your vehicle's performance. In installing and using the aFe Power product, you must follow these requirements:

- **Misuse** of this product could lead to injury or death. Read and comply with all instructions in the included User Guide.
- **Increasing** the height of your vehicle raises the center of gravity and can affect stability and control. Use caution on turns and when making steering corrections.
- **Obey** all traffic and other laws.
- **Do not** exceed proper operating conditions.
- **Equip** your vehicle with proper speed rated tires.
- **Do not** stack aFe Power tuning with another tuning product. Doing so may result in damage to your vehicle or unpredictable powertrain results.
- **Only** adjust or remove the speed limiter or tire pressure monitoring system on the track or other controlled driving environments.
- **Install** and use the aFe Power product in compliance with its instructions and manual.

**Call aFe Power Tech Support at 951.493.7155**

*(available during normal business hours)*



[www.afepower.com](http://www.afepower.com)

252 Granite Street • Corona, CA 92879 • Phone 951.493.7155 • Fax 951.493.7177