TRAIL FORTRESS

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Rough Country 90019 Installation Instructions

Speedometer Calibrator for Jeep Wrangler, Gladiator, Ram 1500

Part number: 90019

trailfortress.com/rough-country-speedometer-calibrator-90019

Scan for fitment, price and install help

Thank you for choosing Rough Country

If questions exist we will be happy to answer any questions concerning the design and functionof this product.

QUICK INSTALLATION GUIDE

IMPORTANT NOTE
During programming, there must be no additional load and no changes in current draw on the battery. Disconnect any accessories (such as a cell phone, iPod, radar detector, or any other device) plugged into the cigarette lighter or other 12-volt outlets before starting the installation process.

All electrical accessories such as the radio, windows, A/C, heater, wipers, lights, daytime running lights, etc. must be turned off. Keep all doors closed so that interior lights will be off and no alarms will be sounding.

If your vehicle is equipped with OnStar, or any aftermarket electronics such as satellite radio, remote starter, trailer brakes, speakers or amplifiers, you must locate and remove the fuses to disable those devices before programming.

- **Using the calibrator is as easy as 1-2-3!**
  Installation time is typically three (3) minutes, but no longer than twenty (20) minutes and you won't get your hands dirty. Before programming, make sure your battery is in its normal, fully charged condition (See IMPORTANT NOTE for details).

1. Plug the communication cable into the calibrator and into the vehicle's diagnostic connector, usually located on the driver's side under the dash. DO NOT disconnect the cable until the programming is complete.
   If your calibrator displays a "Cal not found" or "Not for this vehicle" message, note any error codes or platform numbers displayed, disconnect the calibrator and follow the update instructions.

2. Follow the on-screen prompts and answer a few simple "yes/no" questions to select the options you want. Once you are happy with your selections, follow the on-screen prompts to begin the programming process.

Once the programming process is complete, the calibrator screen will instruct you to disconnect the cable. You are now ready to go.

Complete installation instructions
and tuner update software is available
for download at roughcountry.com

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READ BEFORE USING YOUR ROUGH COUNTRY CALIBRATOR

Your calibrtor may display a “Not for this vehicle, please update” or a “Cal not found” message on the screen. That means your vehicle calibrator needs a vehicle application update or your vehicle has a new calibration not available when your calibrator was manufactured. You can also update your calibrator to add a newly released feature for your application.

If this does occur, note any error codes and disconnect your calibrator. To update the calibrator, go to roughcountry.com and click “Update Your Device” at the bottom of the homepage, and follow the instructions. Then connect your calibrator to your Windows-based computer with the supplied USB cable, follow a few simple instructions, and update your calibrator with the correct new calibration or vehicle application. Then, proceed to re-program your vehicle in the normal manner.

In some cases, a calibration may be so new that it is not in our calibration library. If this occurs, then on your PC you will see the message “The vehicle has a calibration that is currently not supported. Would you like to receive an email when it is supported for your calibrator.” Select “yes” and enter your email address and usually within two (2) working days, you’ll receive an email notifying you that Rough Country has the new calibration, and you can then update via the internet. Note: The tuner update software is **ONLY** compatible on a Windows-based computer. To view or download a detailed instruction manual, go to roughcountry.com, and look up your specific vehicle.

WHAT TO DO BEFORE TAKING YOUR VEHICLE IN FOR SERVICE

If a problem occurs that requires you to take your vehicle to a mechanic or dealership for service, first remove the Rough Country Tuning and reinstall the stock tuning.

If the problem disappears when you remove the tuning, call Rough Country and we will warranty exchange the product.

However, if returning your vehicle to the stock tuning does NOT fix the issue with your vehicle, there is nothing wrong with your Rough Country product. You will need to have your vehicle serviced with the stock tuning in place.

ANYTIME a diagnostic machine is to be used, the vehicle **MUST** have the stock tuning installed. Diagnostic machines expect to find the original stock tuning and often cannot correctly analyze the problem if other tuning devices are installed.

Failure to reinstall the stock tuning can result in unnecessary and costly repairs NOT covered by Rough Country.

Before you have ANY work done on the vehicle that you feel may have been related to the Rough Country product, please call 800-222-7023.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable , State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.