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RIDEMAX™

A close-up photograph of a motorcycle's throttle grip. The grip is black with a silver-colored metal housing. On the silver housing, there are two blue buttons labeled 'PWR' (Power) and 'ECON' (Economy). The background is a dark, textured surface, possibly the motorcycle's bodywork.

More Power • More Mileage • A Better Ride

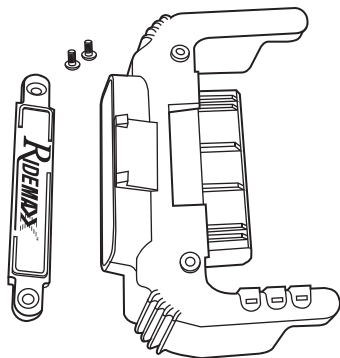
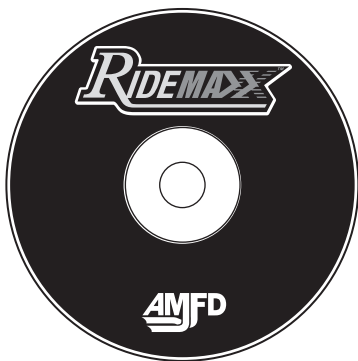
Quick start Guide



Congratulations and thank you for your decision to purchase RideMaxx, the World's most advanced and only wireless, digital micro-electronic fuel injection controller (EFI) designed specifically for your motorcycle.

This Quick Start Guide will easily direct you through the few installation steps required to get you on your way to enjoying the riding improvements and benefits of your new RideMaxx fuel injection controller.

Before installation, please register your RideMaxx with us either online at our website (americanmicrofuel.com), or by mailing in the provided postage-paid registration card. Whoever fills in their new product registrations—*you ask?* This we appreciate, but it is important. As you further the benefits of using your RideMaxx fuel controller, your registration will have been necessary for you to enjoy the included and more advanced levels of performance tuning. Your specific RideMaxx registration number, its serial number, can be found either on your-



warranty registration card, or located on the bottom side of the FuelMaxx (Yellow ECU module). Please retain this number for your records.

To validate your warranty registration *must* be completed within 30 days of your purchase.

We ask that you please take the time to accurately fill in the questions in the registration process—they only take a few minutes of your time, and will help

AMFD provide you with the excellence of customer service, advanced tuning and the support that you should expect. This is important, so please register your RideMaxx with us.

Enjoy your RideMaxx EFI controller, we sure enjoy ours—and thank you so-much for your business.

—The AMFD Team



In The Box

Your Parts:

- 1 **FuelMaxx ECU Module**
- 1 RideMaxx Locking Nameplate
- 2 FuelMaxx Bolts
- 1 **RideTuner Handlebar Unit**
- 2 RideTuner Handlebar Bolts
- 1 CR2 lithium Ion Battery
- 2 Handlebar space reducer gaskets
(for 1" Handlebars)
- 1 **RideMaxx Hex Driver**
(double ended)
- 1 **RideMaxx Software CD**
- 1 **RideMaxx Decal**
- 1 **AMFD Decal**

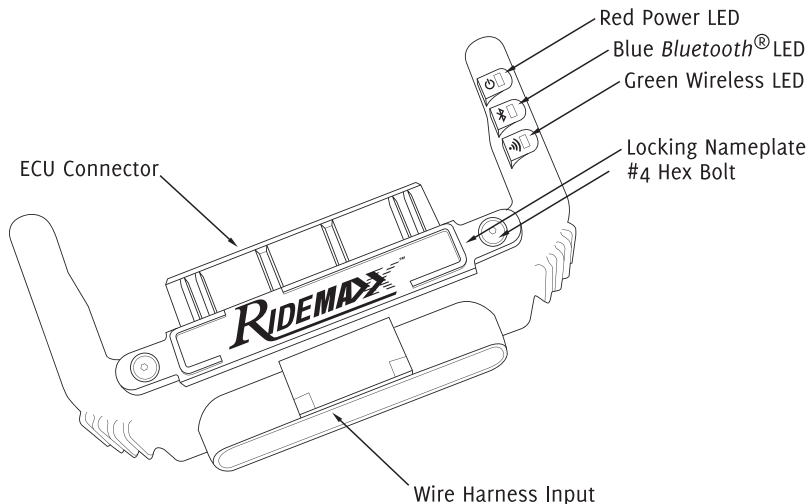
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Contents

FuelMaxx and RideTuner Overview	8
Installation	
FuelMaxx Installation For Softails	10
FuelMaxx Installation For Baggers	12
RideTuner Installation	18
Finishing Installation	22
Using RideMaxx	23
Installing New Maps	24
RideTuner Battery	25
Exit Notes	
FCC and Bluetooth	26
Notes	28
Warranty	30

RideMaxx: The FuelMaxx

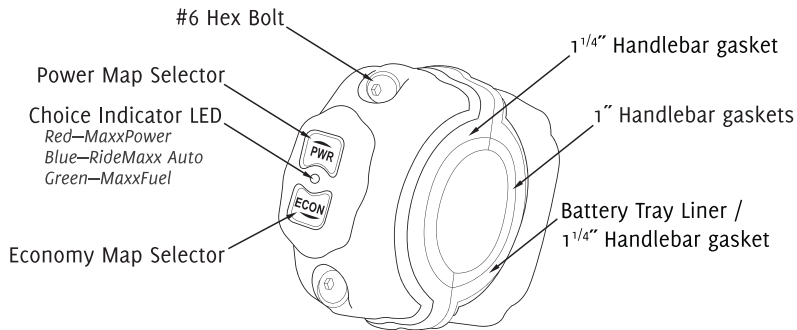
The brain of the RideMaxx performance EFI control system



As the core of the RideMaxx fuel-management system, FuelMaxx does the heavy lifting. It is programmed to offer you the best possible riding experience without sacrifices. It is engineered with your specific needs in mind.

RideMaxx: The RideTuner

Your wireless control of the FuelMaxx module



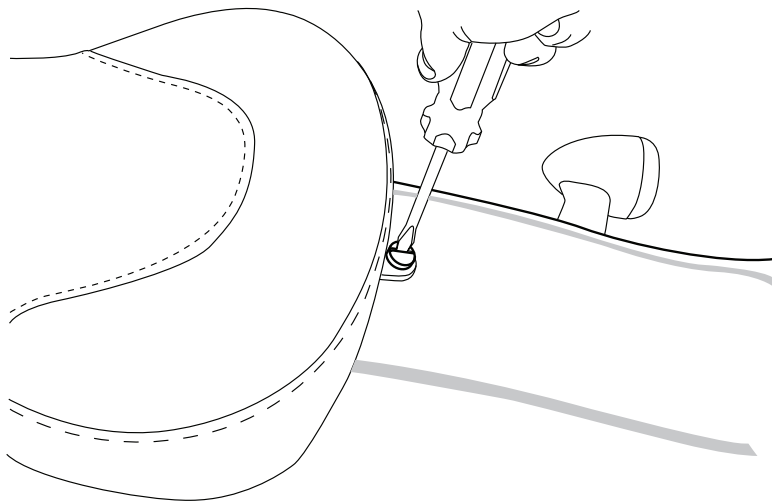
RideMaxx leads the EFI control industry with its wireless RideTuner which mounts directly onto your handlebar. It is your direct means to select from three separate

options (Maxx Fuel, Maxx Power, and RideMaxx Auto) built into the FuelMaxx module.

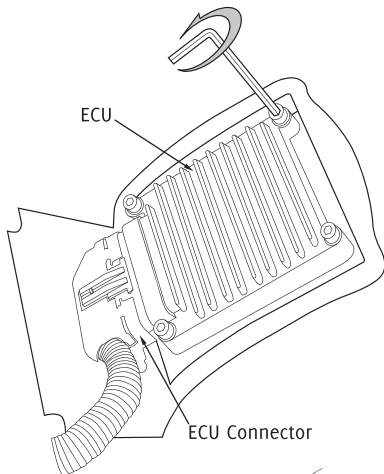
FuelMaxx on Softails

The ECU Plug-in Module Installation for Softails

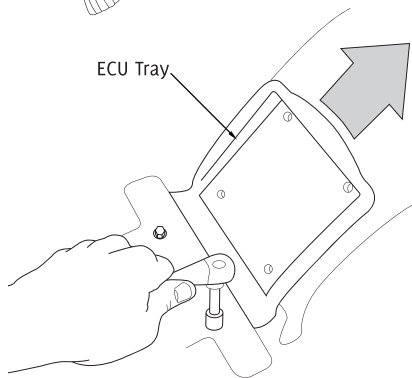
Prior to installation, please ensure that the ignition of your bike is turned off.



1. Remove your seat by unscrewing the securing bolt.
—Consult your bike's manual for your specific seat removal instruction.



- Using a 3/16" Allen Wrench, unbolt all four ECU bolts and remove the ECU while still attached to the ECU connector. —Consult your bike's manual for your specific ECU removal instruction.

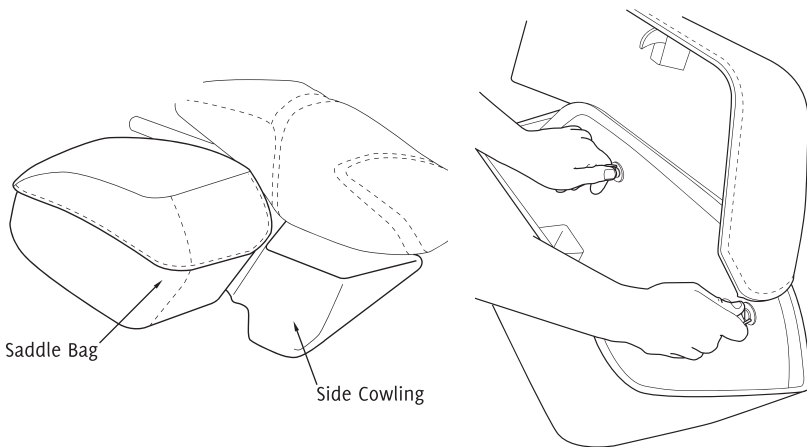


- Ensure the ECU tray is located at the maximum height on the fender. This allows for needed clearance of the FuelMaxx module. To do this, loosen the bolts with a 3/8" wrench and slide the tray up the fender. Retighten the bolts once in position.

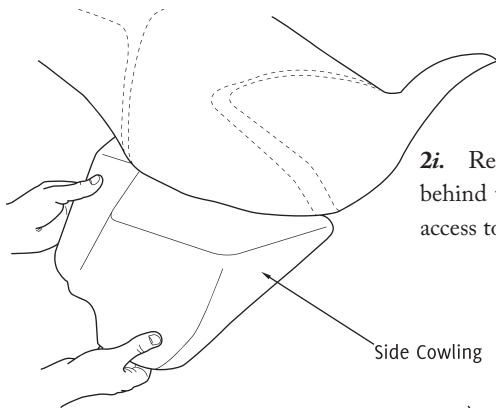
FuelMaxx on Baggers

The ECU Plug-in Module Installation for Baggers

Prior to installation, please ensure that the ignition of your bike is turned off.



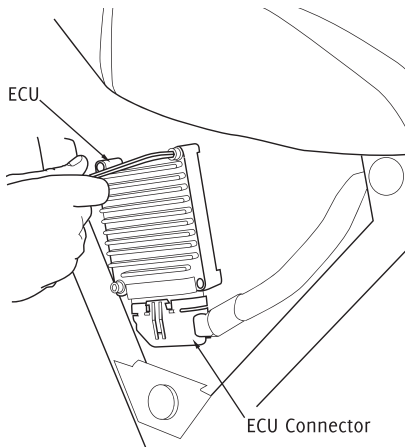
- 1i.** Open your right side saddle bag and turn the two thumb screws to loosen and remove the saddle bag. This allows access to the cowling beneath and ECU in turn.
—Consult your manual for specific bag removal instruction.



2i. Remove the side cowling that is behind the right side saddle bag to gain access to the ECU.

Side Cowling

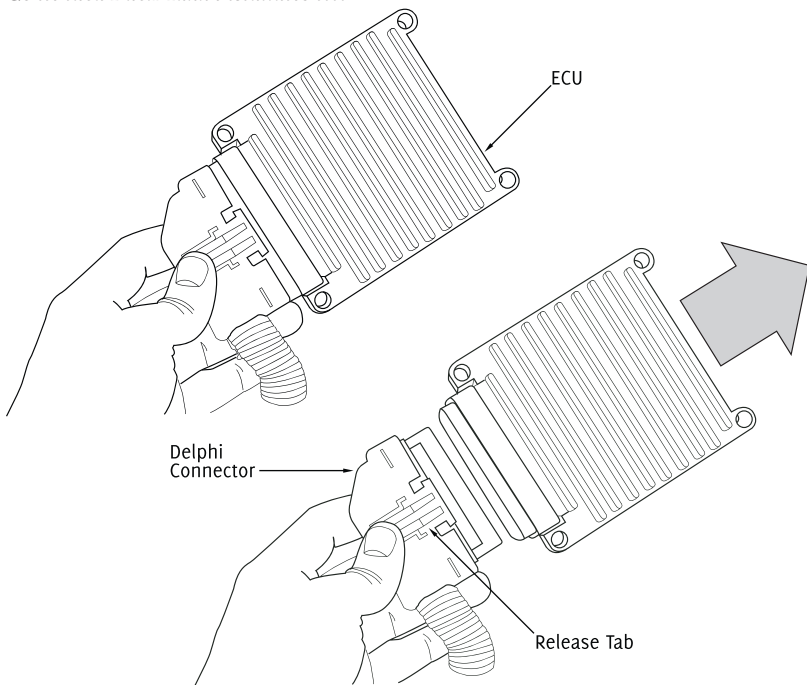
2ii. Using a 3/16" Allen Wrench, unbolt all four ECU bolts and remove the ECU while still attached to the ECU connector.



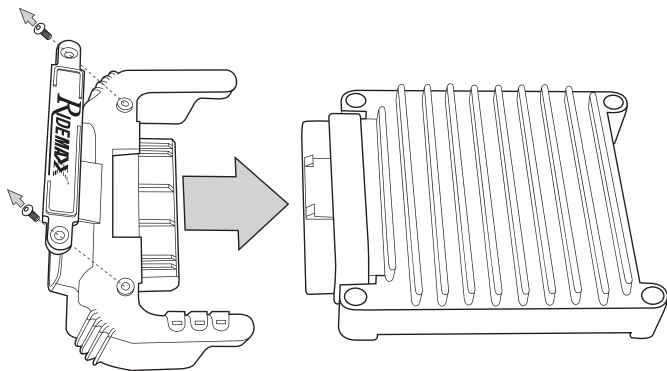
ECU

ECU Connector

Continued FuelMaxx installation...



3. Unclip the Delphi connector that plugs into the ECU.
—*Squeeze the release tab and wiggle it off.*

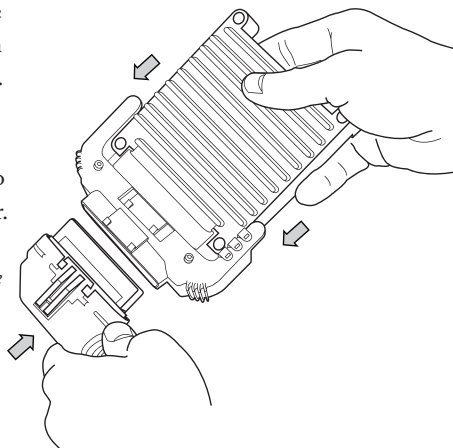


4. Remove the RideMaxx locking nameplate from the FuelMaxx module using the included 1/16" hex driver. Then plug FuelMaxx into the ECU as shown.

5. Plug the ECU connector into the open side of RideMaxx FuelTuner.

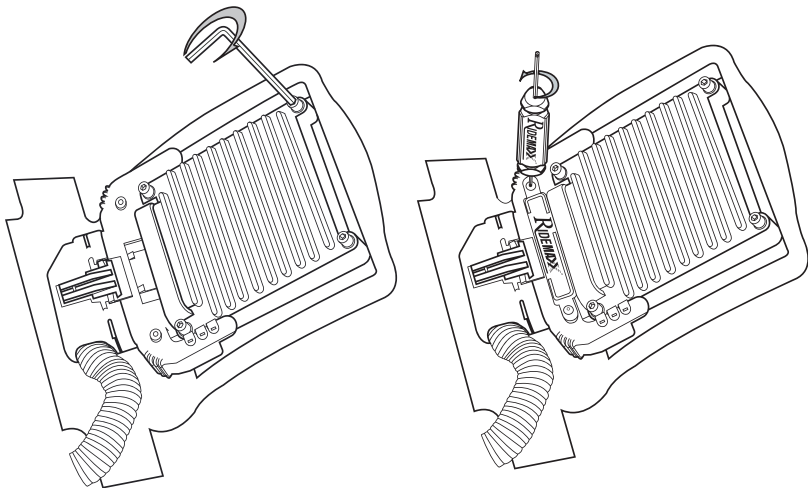


Ensure a tight fit is achieved and the release tab clips to FuelMaxx.



Softail Installation

Remounting the ECU and FuelMaxx



6. Using a 3/16" Allen Wrench, bolt the ECU back down to the ECU tray.
7. Using the included driver, replace the RideMaxx locking nameplate.

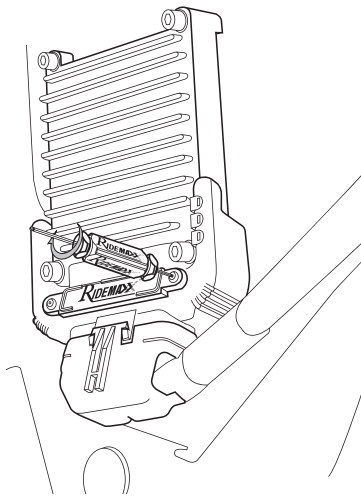
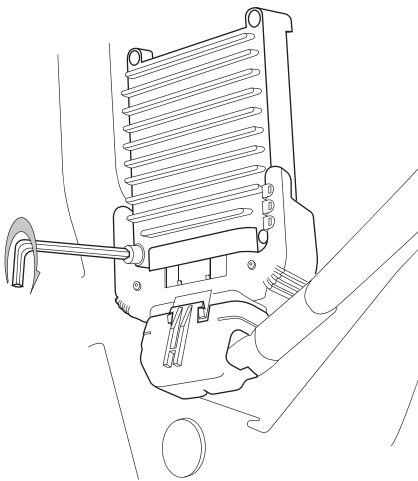


Consult your bike's manual for your specific ECU reinstall instruction. Ensure a tight fit to the ECU tray and the nameplate is seated flush and bolted securely.

Warning—Do not overtighten. Stripping inserts voids warranty.

Bagger Installation

Remounting the ECU and FuelMaxx



6i. Using a 3/16" Allen Wrench, bolt the ECU back down to the ECU tray.

7i. Using the included driver, replace the RideMaxx locking nameplate.

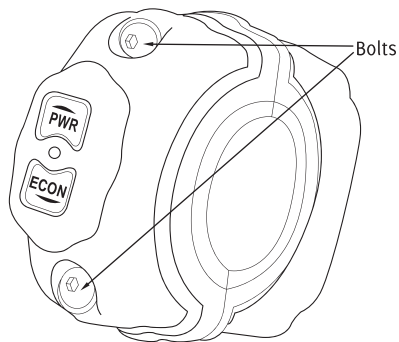


Consult your bike's manual for your specific ECU reinstall instruction. Ensure a tight fit to the ECU tray and the nameplate is seated flush and bolted securely.

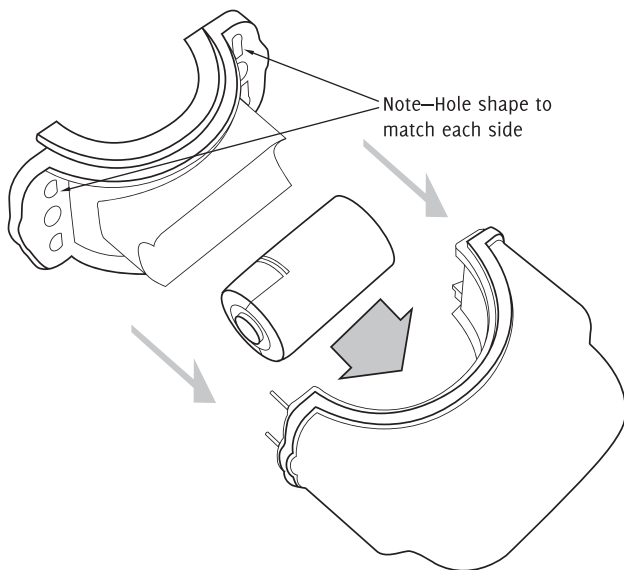
Warning—Do not overtighten. Stripping inserts voids warranty.

RideTuner Installation

The handlebar-mounted control module installation



1. With the included RideMaxx 3/32" driver, remove the two bolts holding the RideTuner together.
2. Separate the bottom half from the top half without bending and remove both semi circle gaskets.

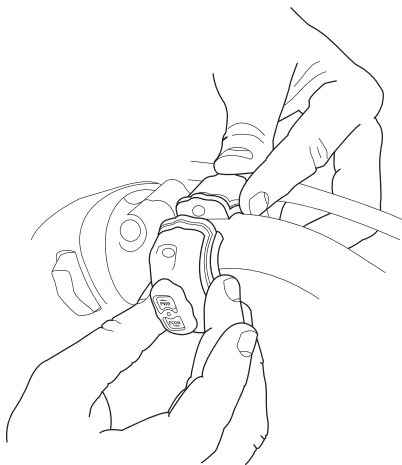


- 3.** Remove the rubber battery retainer by gently peeling to expose the battery tray inside. Insert the battery.
- 4.** Place the tray liner back into the battery tray of the RideTuner.



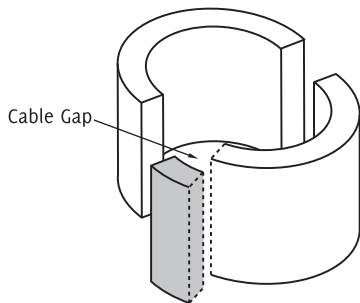
Note—polarity indication is in the battery tray for proper battery orientation. Properly align and seat the rubber liner edges to secure a water tight fit.

Your battery is not under warranty; consult the warranty(pg.30) for details and the battery information(pg.25) for acceptable replacements.

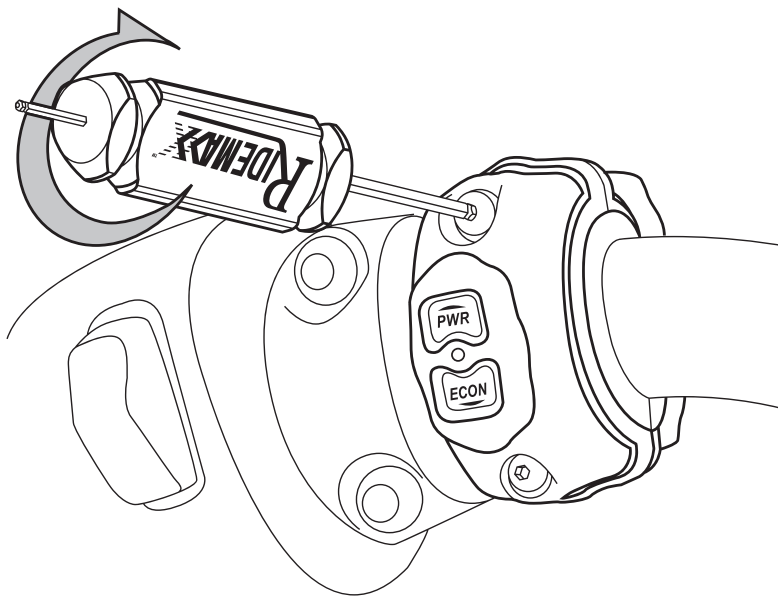


- *For 1 inch handlebars replace the included semi-circle reducer gaskets. They are slightly oversized for a proper compression fit.*

5. Adjacent to the switch housing, attach the RideTuner around the handlebar for a loose hold. Position the button faces for your desired orientation.



- *Where any cabling on your handlebar is an obstruction, it may be necessary to trim a small section of your reducer gasket to allow the cable to pass through your RideTuner.*



6. With the included RideMaxx 3/32" hex driver replace both bolts.



Ensure a tight fit is achieved with tight pressure on the gaskets.

Warning—Do not overtighten. Stripping inserts voids warranty.

Finishing Installation

Testing your FuelMaxx and RideTuner modules

1. Without starting your bike, turn the ignition switch from OFF to IGNITION.
2. Observe the three LEDs on the FuelMaxx ECU module:
 - The red LED indicates your FuelMaxx has power.
 - The blue LED indicates your Bluetooth enabled connection is active.
 - The green LED indicates your FuelMaxx is in wireless communication with your RideTuner.
3. Observe the LED on the RideTuner handle-mount module:
 - Press the PWR button for a red indicator (*MaxxPower*).
 - Press the PWR button again for a blue indicator (*RideMaxx Auto*).
 - Press the ECON button for a green indicator (*MaxxFuel*).
 - Press the ECON button again for a blue indicator (*RideMaxx Auto*).

If all three FuelMaxx light indicators are indicating and the RideTuner toggles ride options RideMaxx is fully functional. Replace your seat and bolt (*Softails*) or cowl and saddlebag (*Baggers*). ***Congratulations, RideMaxx is installed!***

Using RideMaxx

The Power and Economy settings on the RideTuner

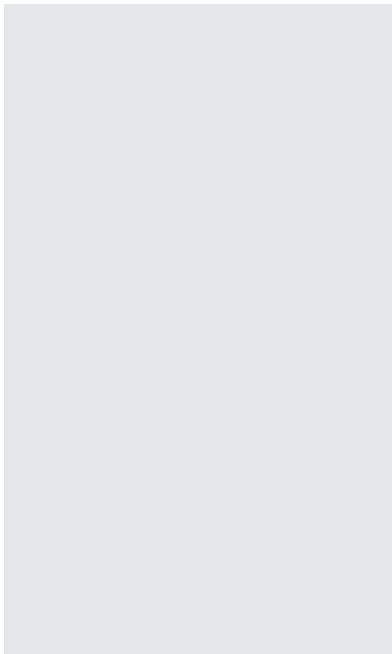
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Installing Maps

Using a Bluetooth enabled device to install maps



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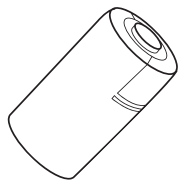
RideTuner Battery

About your battery and replacing it

The included RideTuner Lithium Ion 3v CR2 battery has a minimal usage time and is ***not under warranty***; due to the constant communication between your FuelMaxx module and RideTuner the included battery's charge may be depleted quickly. Replacing your battery will extend usage time to up to 6 months.

Replacement CR2 batteries are commonly available at major retail stores from popular brands such as Duracell, Energizer and Panasonic; they are often referred to as CR2 Photo or Camera batteries.

Capacity and length of usage may vary from battery to battery. A battery's mAh rating is a general guide for which batteries last longest.



CR2 3v Lithium Ion Battery

Duracell	925mAh
Kodak	850mAh
Energizer	800mAh
Panasonic	750mAh
Fuji—rechargeable	250mAh



Capacities may vary—use this chart as a rough guide only.



Bluetooth

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FCC Disclaimer

Part 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Notes

Keep track of your map upgrades or record your performance gains

Warranty

How AMFD takes care of you

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