

INSTALLATION INSTRUCTIONS

ROADTHUNDER FAIRING SPEAKER KIT BY MTX, CHROME

2717

THANK YOU FOR CHOOSING KURYAKYN!

Protect yourself and others from possible injury and property damage or loss. Pay close attention to all instructions, warnings, cautions, and notices regarding the installation, use, and care of this product.

WARNING THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

CAUTION THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN MINOR OR MODERATE POTENTIAL INJURY.

NOTICE THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN MAY NEGATIVELY AFFECT PRODUCT PERFORMANCE AND FUNCTIONALITY OR DAMAGE THE PRODUCT ITSELF OR THE PRODUCT TO WHICH IT IS BEING ATTACHED.

ENSURE THAT THE FOLLOWING PARTS HAVE BEEN INCLUDED IN THE KIT:

- | | | | |
|---|-----------------------|----|---|
| 2 | 6-1/2" Speakers | 1 | Hardware Kit - content included: |
| 2 | Grills with Adapters | 1 | Wire Harness Assembly (2 Channel) |
| 1 | Amplifier (2 Channel) | 1 | Velcro Pad Loop |
| | | 1 | Velcro Pad Hook |
| | | 10 | M4.55-1.59 x 16mm Lg. Stainless Steel Screw |
| | | 2 | M4.55-1.59 x 38mm Lg. Stainless Steel Screw |

YOU WILL ALSO NEED:

Wrenches/Socket (7/16", 3/8", 1/2", 10mm), Torx Driver (T10, T25, T40), #2 Phillips Screw Driver

NOTICE THESE INSTALLATION INSTRUCTIONS CONTAIN IMPORTANT INFORMATION. ENSURE THE END USER RECEIVES THIS COPY AND IS AWARE OF ITS IMPORTANCE FOR FUTURE USE.

WARNING WHEN CONNECTING POWER AND GROUND WIRES ENSURE THAT THE RED POWER WIRE IS FUSED AT THE POINT WHERE IT IS CONNECTED TO THE VEHICLE'S BATTERY. FAILURE TO DO SO CAN RESULT IN DAMAGE TO THE VEHICLE IF A SHORT CIRCUIT DEVELOPS BETWEEN THE VEHICLE CONNECTION POINT AND THE PRODUCT.

INTRODUCTION

Thank you for purchasing this Kuryakyn RoadThunder Fairing Speaker Kit by MTX. This kit is designed to fit the following Harley Davidson models '98-'13 Electra Glides (except FLHT Standard & CVO Models), '06-'13 Street Glides (except CVO Models) & '09-'13 Trikes. Fairing Kit includes everything you need to replace the stock fairing speakers with pulse-pounding crystal clear audio. The included stylish steel mesh replacement speaker grills make the pair look as good as they sound. This audio system does not interfere with rear OEM speakers on models equipped with Tour-Pak backrest-mounted speakers. Congratulations and enjoy the ultimate audio experience!

FEATURES

AMP SPECS (2 CHANNEL)

- Compact design enables hassle-free installation in the fairing
- Conformal coated printed circuit board resists moisture
- Selectable high-pass crossover for the best performance with the fairing kit speakers
- 400W peak power
- Weather-resistant amplifier is in accordance with IP66 rating
- RMS Power (Watts): 200
- 4 Ohm RMS Power Output: 50W x 2 Channels
- 2 Ohm RMS Power Output: 100W x 2 Channels
- 1 Ohm RMS Power Output: NA
- Topology: Full Range Class D
- THD: <1.0%
- Frequency Response: 20Hz - 20kHz
- Crossover: Fixed HPF / LPF @ 80Hz, 12dB / Oct
- Max Sensitivity: 200mV
- Maximum Input Signal: 5V
- Height 4.65" x Width 5.72" x Depth 1.70"

SPEAKER SPECS

- Water-resistant polypropylene concave cone design for improved off-axis response
- The tweeters are pre-positioned for the best imaging when used with the fairing kit
- Extended low frequency response for fuller sound
- High sensitivity for higher volume levels
- 120W Peak Power

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INSTALLATION

WARNING

THE END USER'S SAFETY DEPENDS UPON PROPER INSTALLATION OF THIS PRODUCT. IF A STEP IN THESE INSTRUCTIONS IS NOT WITHIN YOUR CAPABILITIES OR YOU DO NOT HAVE THE CORRECT TOOLS, HAVE YOUR DEALER PERFORM THE PROCEDURE. IMPROPER INSTALLATION OF THIS PRODUCT COULD RESULT IN DEATH OR SERIOUS INJURY.

ACCIDENTAL VEHICLE START-UP COULD CAUSE DEATH OR SERIOUS INJURY, REMOVE THE MAIN FUSE BEFORE PROCEEDING.

REMOVE THE OUTER FAIRING

STEP 1

Remove the top bolts on the bottom of the windshield. After the bolts are removed, carefully remove the windshield.



STEP 2

Remove the screws on the bottom sides of the fairing. This will allow the fairing to be removed.

STEP 3

Pull the fairing forward and up slightly, the harness connecting the headlight will need to be removed to completely pull the fairing away from the bike.



Note: Be careful to not bump the fairing against the signal lights or other installed lights connected to the front fork. A sock or other fabric can be used to protect the side lights during fairing removal.

REMOVE THE EXISTING SPEAKERS

STEP 1

Pull the speaker wire connectors from the speakers, take care to pull them from the plastic connector and not the wires so that the stock wire harness is not damaged.

STEP 2

Use a Torx driver to loosen the 4 screws holding on the stock speakers.

STEP 3

Keep track of which wires go to the clutch and brake side speakers.

STEP 4

The speaker grill assembly needs to be removed from the stock speaker, make sure to keep it in a safe place or remember its orientation. This will be important for mounting the new speakers in place.

MOUNT THE NEW SPEAKERS

STEP 1

Locate the Grill with Adapter and 16mm screws. Align and place the Grill with Adapter. Using the top two holes, secure it in place using 2-qty 16mm screws.



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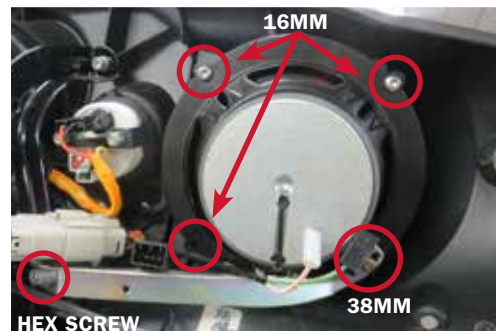
- STEP 2** The speaker will then be mounted on to the Grill with Adapter. Use 1-qty 38mm screw, provided in the kit, to install onto the bottom outside mounting hole, which includes the existing fairing bracket. If needed, to loosen the existing bracket, loosen the lower inner hex screw to bracket.

Take 3-qty 16mm screws and tighten down the other three mounting tabs on the speaker.

Retighten the speaker screws until the speaker is held tightly against the fairing.

- STEP 3** Be sure connecting prongs of the speaker align with hole placement in fairing support bracket.

- STEP 4** Repeat on opposite side.



REMOVE THE SEAT AND GAS TANK COMPLETELY (RECOMMENDED)

- STEP 1** Remove the seat, and gas tank. Refer to motorcycle's user manual for assistance.

REMOVE THE SEAT, AND GAS TANK PARTIALLY (OPTIONAL - TWO PEOPLE RECOMMENDED)

- STEP 1** Remove the seat.

- STEP 2** Loosen the front and rear gas tank bolts.

- STEP 3** Have person one lift the gas tank up, enough to pop open the plastic wire channel on the break side. Take care not pull out fuel lines. Refer to Route the Wire Harness section below.

ROUTE THE WIRE HARNESS

Wire Harness - Connecting to Battery

From the Fairing run the wire harness along the factory harness to the battery.

- STEP 1** Pop open the plastic wire channel and run the Red (with in-line fuse) & Black wires through/along the existing channel/wires to the battery

- STEP 2** Remove the in-line-fuse before making the connections to the battery. Attach the power (Red) and negative (Black) wires to the battery.

- STEP 3** Once you have the wires connected to the battery and all wires organized you can then snap the top of the wire channel back in place.

NOTICE

KEEP THE INCLUDED FUSE OFF THE FUSE HOLDER UNTIL ALL WIRING CONNECTIONS HAVE BEEN MADE AND SECURED.

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CONNECTING THE AMP AND SPEAKERS

STEP 1

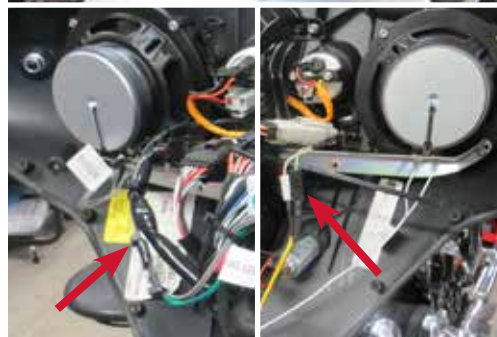
Place Velcro on bottom of the amplifier, and the top of the radio.

Note: If the radio does not have any modules on the top place the amplifier with the wire harness pointing towards the brake side and make sure the amp is pushed as far back on the radio as possible.



STEP 2

Connect the wire harness to the factory speaker wiring, making sure the clutch side (yellow/black) and brake side (green/black) are connected to the correct input wires. The wires are marked with a tag on each end. Plug the harness connectors into the corresponding factory connectors. Please ensure the connections are secure so they do not come loose when riding.



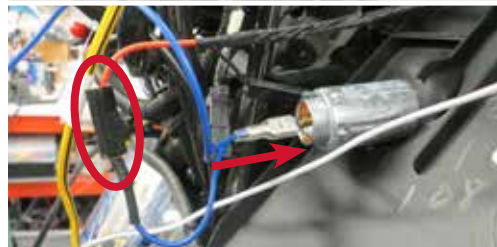
STEP 3

Connect the speaker output wires to the new speakers mounted to the bike. Also make sure to keep the clutch side (white/black) and brake (gray/black) connectors directed to the correct side. The speaker output wires are marked with a tag indicating clutch or brake and have female fastons on each end that will connect to the new speaker.



STEP 4

Unplug the stock wire connected to the center of the cigarette lighter. Then plug in the blue wire from the wire harness into the cigarette lighter, and then plug the stock cigarette lighter wire connector into the extra connector on the wire harness.



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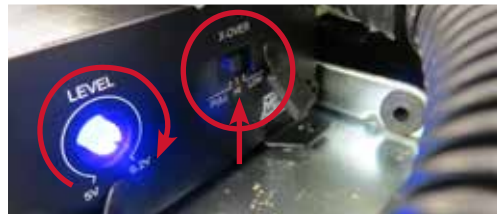
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- STEP 5** If the amp included with your kit has a Input Level switch, move the switch to Low Level. The harness converts the signal to low level to correctly work with the amplifier. Place rubber seal back over the switch.



- STEP 6** Turn the gain level to 0.2V and switch the X-Over to high. Place rubber seals back over the controls.



- STEP 7** Connect the amplifier connectors to the wire harness. There are 3 connections 1 large rectangular connector, and 2 bullet power connectors. Take care to keep the power wire polarity correct. Red to Red, Black to Black.

Note: Make sure the connections are securely snapped together.
Open fuse holder and place the 15 amp fuse in the holder.



- STEP 8** Turn the bike to ACC and test to make sure the amplifier and speakers power up. If all works reverse the process to put the fairing, windshield, gas tank, and seat back in place.





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LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials & workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

1. Kuryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
2. The product must be properly installed, maintained & operated under normal conditions.
3. Kuryakyn shall not be liable for any consequential & incidental damages, including labor & paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn & a customer.
4. Kuryakyn products are often intended for use in specific applications. Kuryakyn makes no warranty if a Kuryakyn product is used in applications other than intended.
5. Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'s contained in components of Kuryakyn products will be warranted for defects in materials & workmanship for 3 years from the date of purchase whereas all other components shall be warranted for one (1) year.
6. All warranty claims must be directed to the place of purchase. Merchandise sold through internet auction sites or any other unauthorized reseller shall not carry a Kuryakyn warranty. If unsure, please contact the place of purchase to verify they are an authorized Kuryakyn reseller.

RETURN POLICY

Merchandise determined to be defective may be returned up to one year from the date of purchase. Returns must be processed through original seller. Returned merchandise for any other reason other than warranty claims must be in like new condition & subject to a 20% restocking fee. All returns are subject to inspection for determination of full or partial credit. Any returned part that shows evidence of being used or installed contrary to manufacturer's instructions, &/or subjected to improper handling, packaging or return shipping by the customer, will not be eligible for exchange, refund or warranty consideration. All returned electrical items will be inspected & tested. If electrical item is deemed functional, no credit will be issued & item will be returned. All sales are final on discontinued or closeout merchandise.

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