

Installation assistance available at:

# RFTECH

[www.rockfordfosgate.com/rftech](http://www.rockfordfosgate.com/rftech)

# P O W E R

1998-2013 HARLEY-DAVIDSON®  
SPEAKERS

TMS6RG • TMS6SG  
TMS5

Printed in China

1230-59287-01-A

041416

600 South Rockford Drive • Tempe, Arizona 85281 United States  
Direct: (480) 967-3565 • Toll Free: (800) 669-9899

**ROCKFORDFOSGATE.COM**



Serial Number: \_\_\_\_\_ Date of Purchase: \_\_\_\_\_



Installation & Operation

# Introduction

Dear Customer,

*Congratulations on your purchase of the world's finest brand of audio products. At Rockford Fosgate we are fanatics about musical reproduction at its best, and we are pleased you chose our product. Through years of engineering expertise, hand craftsmanship and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.*

*For maximum performance we recommend you have your new Rockford Fosgate product installed by an Authorized Rockford Fosgate Dealer, as we provide specialized training through Rockford Technical Training Institute (RTTI). Please read your warranty and retain your receipt and original carton for possible future use.*

*Great product and competent installations are only a piece of the puzzle when it comes to your system. Make sure that your installer is using 100% authentic installation accessories from Rockford Fosgate in your installation. Rockford Fosgate has everything from RCA cables and speaker wire to power wire and battery connectors. Insist on it! After all, your new system deserves nothing but the best.*

*To add the finishing touch to your new Rockford Fosgate image, order your Rockford accessories, which include everything from T-shirts to hats.*

*Visit our web site for the latest information on all Rockford products;*

**www.rockfordfosgate.com**

or, in the U.S. call 1-800-669-9899 or FAX 1-800-398-3985. For all other countries, call +001-480-967-3565 or FAX +001-480-966-3983.

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If, after reading your manual, you still have questions regarding this product, we recommend that you see your Rockford Fosgate dealer. If you need further assistance, you can call us direct at **1-800-669-9899**. Be sure to have your serial number, model number and date of purchase available when you call.

### PRACTICE SAFE SOUND

Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss. High powered auto sound systems may produce sound pressure levels well over 130dB. Use common sense and practice safe sound.

### PRATIQUEZ UNE ÉCOUTE SANS RISQUES

Une exposition continue à des niveaux de pression acoustique supérieurs à 100 dB peut causer une perte d'acuité auditive permanente. Les systèmes audio de forte puissance pour auto peuvent produire des niveaux de pression acoustique bien au-delà de 130 dB. Faites preuve de bon sens et pratiquez une écoute sans risques

### PRACTIQUE EL SONIDO SEGURO

El contacto continuo con niveles de presión de sonido superiores a 100 dB puede causar la pérdida permanente de la audición. Los sistemas de sonido de alta potencia para automóviles pueden producir niveles de presión de sonido superiores a los 130 dB. Aplique el sentido común y practique el sonido seguro.

### PRAKTIZIEREN SIE SICHEREN SOUND

Fortgesetzte Geräuschdruckpegel von über 100 dB können beim Menschen zu permanentem Hörverlust führen. Leistungsstarke Autosoundsysteme können Geräuschdruckpegel erzeugen, die weit über 130 dB liegen. Bitte wenden Sie gesunden Menschenverstand an und praktizieren Sie sicheren Sound.

### OSSERVATE LE REGOLE DEL SUONO SENZA PERICOLI

La costante esposizione a livelli di pressione acustica al di sopra dei 100dB possono causare la perdita permanente dell'udito. I sistemi audio ad alta potenza possono produrre livelli di pressione acustica ben superiori ai 130dB. Si consiglia il buon senso e l'osservanza delle regole del suono senza pericoli

## Safety

This symbol with "WARNING" is intended to alert the user to the presence of important instructions. Failure to heed the instructions will result in severe injury or death.



This symbol with "CAUTION" is intended to alert the user to the presence of important instructions. Failure to heed the instructions can result in injury or unit damage.



- To prevent injury and damage to the unit, please read and follow the instructions in this manual. We want you to enjoy this system, not get a headache.
- If you feel unsure about installing this system yourself, have it installed by a qualified Rockford Fosgate technician.
- Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

Model	TMS6RG	TMS6SG	TMS5
Nominal Diameter - inch (mm)	6.5 (165)	6.5 (165)	5.25 (133)
Description	2-Way	2-Way	2-Way
Nominal Impedance (Ohms)	4Ω	4Ω	4Ω
Frequency Response (Hz)	65-20kHz	65-20kHz	65-20kHz
Voice Coil Diameter - inch (mm)	1.4 (35.6)	1.4 (35.6)	1.4 (35.6)
Power Handling - Watts (RMS/Peak)	75/150	75/150	65/130
Fs - Free Air Resonance (Hz)	86.5	86.5	86.5
Qts	0.52	0.52	0.58
Vas - cu. ft. (Liter)	0.198 (5.6)	0.198 (5.6)	0.191 (5.4)
Sensitivity (1W/1M)	91dB	91dB	90dB
Sensitivity (2.83V/1M)	94dB	94dB	93dB
Xmax - inch (mm)	0.19 (3.0)	0.19 (3.0)	0.19 (3.0)
Mounting Diameter	5.0 (128)	5.0 (128)	4.6 (116)
Mounting Depth	2.1 (53)	2.1 (53)	2.0 (52)
Grille/Trim Ring	YES	YES	YES

See page 4-6 for additional dimensions



## CEA 2031

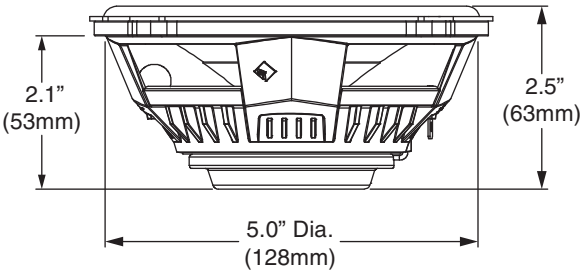
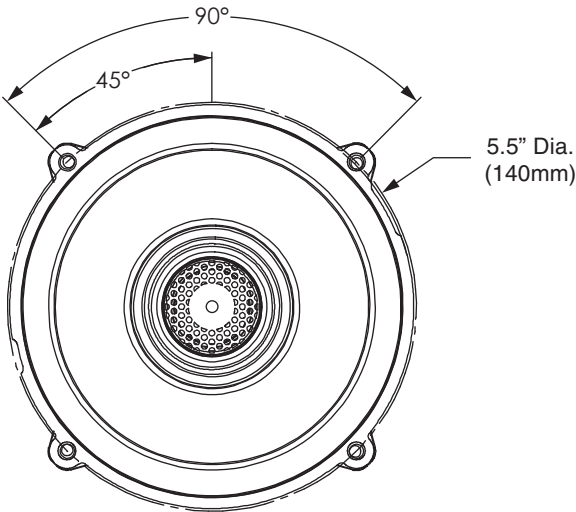
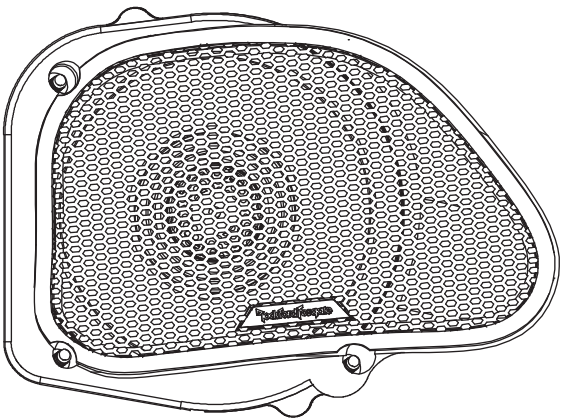
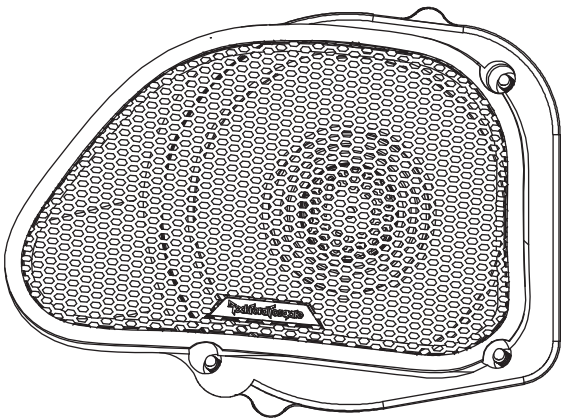
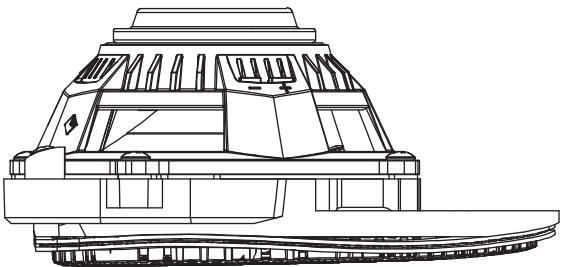
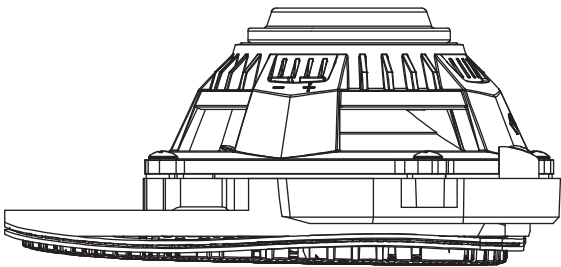
Power handling on Rockford Fosgate speakers conform to CEA-2031 industry standards. This means your speaker has the capacity to handle power under continuous demand, not instantaneous power handling that over time can damage voice coils.



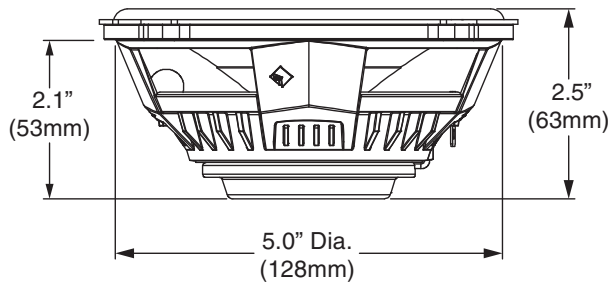
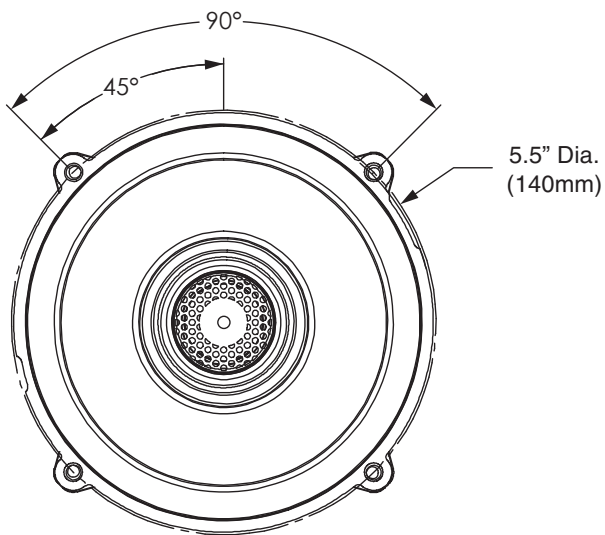
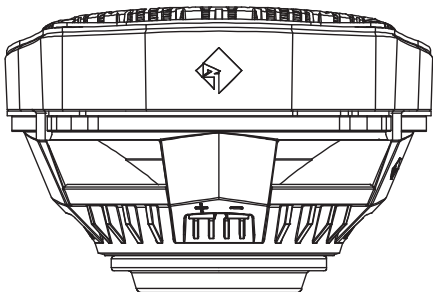
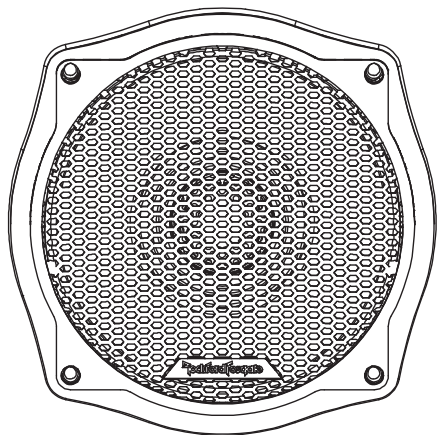
## VERIFIED WITH KLIPPEL

To adorn the 'Verified with Klippel' mark, the qualifying company's loudspeaker engineering personnel must be trained and certified by Klippel prior to using the three separate Klippel systems to design, develop and test. Rockford Fosgate has made the investment in Klippel to deliver the best possible speakers and subwoofers to their customers.

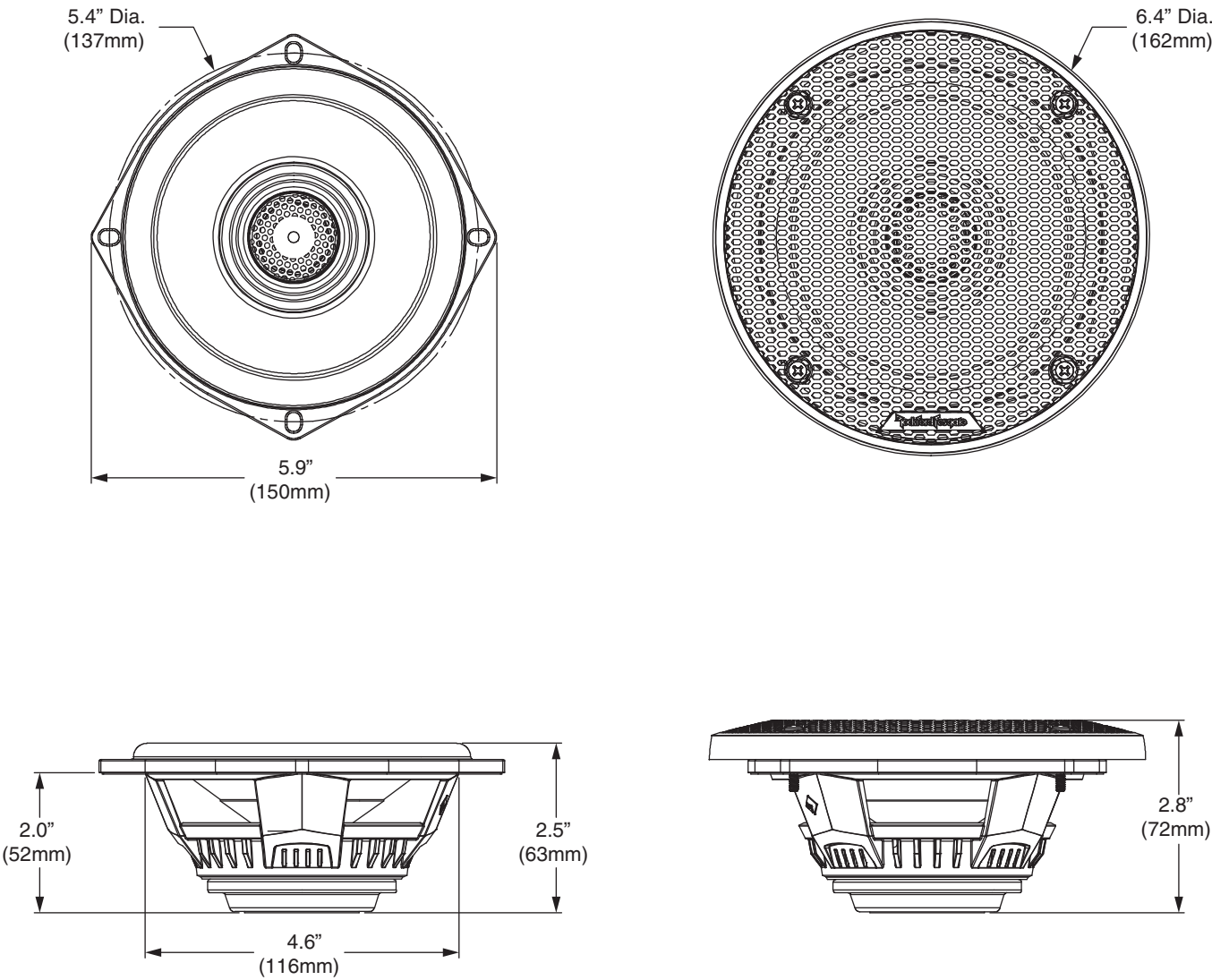
TMS6RG



TMS6SG



TMS5



## Contents

- (1) Pair of 2-Way Speakers with Grilles
- Installation & Operation Manual
- Hardware Pack

## Installation Tools

The following is a list of suggested tools needed for installation:

- Wrenches / Sockets - 7/16", 3/8", 1/2", 10mm
- Allen Wrench - 1/8", 5/32"
- Torx - T10, T25
- #2 Phillips Screw Driver

## Installation Considerations

This section focuses on some considerations for installing your motorcycle replacement speakers. This manual will illustrate the installation of two different fairing styles and Tour-Pak offered by Harley-Davidson® from the production years ranging from 1998 to 2013. (Ultra Classic®, Electra Glide®, Street Glide®, Tri Glide®, Road Glide® and Road Glide Ultra®.)

If you feel unsure about installing this system yourself, have it installed by a qualified technician.



### CAUTION

Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.



### CAUTION

Before beginning any installation, follow these simple rules:

- Be sure to carefully read and understand the instructions before attempting to install these motorcycle speakers.
- Consult your motorcycle's service manual for model specific information. Models may differ from year to year depending on factory options and aftermarket accessories added.
- These motorcycle speakers are a complete replacement to the factory (OEM) speaker setup.
- With the addition of an amplifier, be sure that your current charging system is in proper working order.
- Utilize a blanket or fender cover to protect the front fender from tools or any other item that may be accidentally be dropped while removing the fairing.
- Visit **rockfordfosgate.com** for more comprehensive installation videos and product information.



## Installation

### Front Speakers for Ultra Classic®, Electra Glide®, Street Glide® and Tri Glide® models.



#### Step 1 - Fairing Removal

To begin with, remove the top screws below the windshield to remove the windshield.



Once you have the windshield set aside, remove the remaining screws on the inside of the fairing. This will allow you to remove the front fairing.

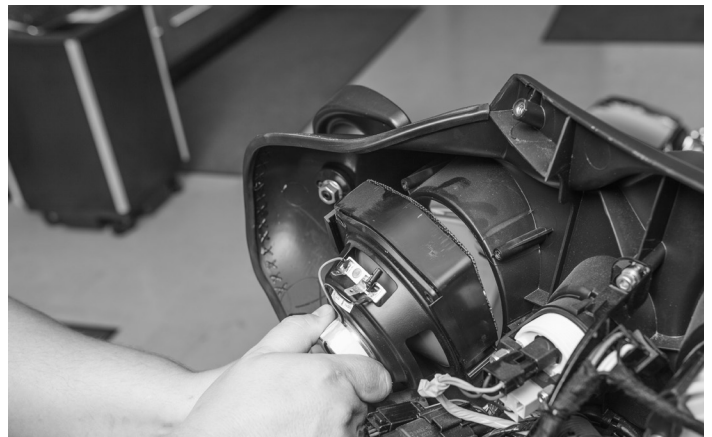


You will need to disconnect the harness from the headlight to completely take the fairing off of the motorcycle.



#### Step 2 - Speaker Removal

After the fairing is removed, unplug the wires from both speaker terminals. Remove the screws that secure the factory speaker and grille to the fairing.



Remove each speaker and grille from the fairing.

NOTE: Be sure to keep track of the wires that are plugged into the clutch and brake side speakers.



#### Step 3 - Speaker Installation

Insert the new Rockford speaker and grille assembly into the fairing opening with the wire terminals facing up. Use the included screws to securely mount the speakers to the fairing.



NOTE: There are two screw lengths included in the hardware pack. For this fairing application, use the longer screws on the top two mounting holes of the speaker.



Connect the speakers by sliding the speaker wire connectors over the speaker terminals

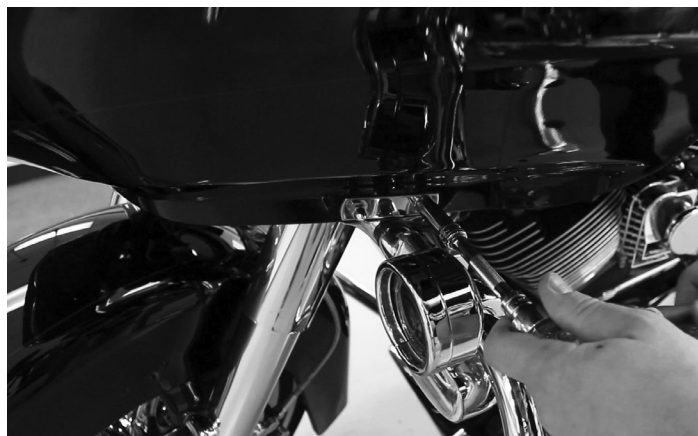
NOTE: The smaller terminal is the positive (+) and the larger terminal is the negative (-).

## Front Speakers for Road Glide® and Road Glide Ultra® models.



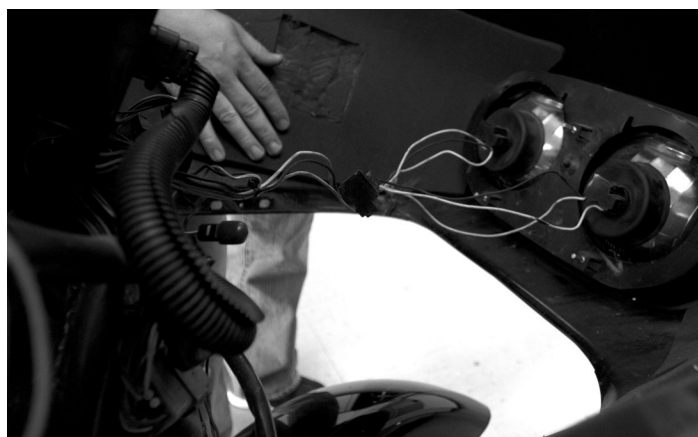
### Step 1 - Fairing Removal

Leaving the windshield in place, remove the six inner fairing screws.

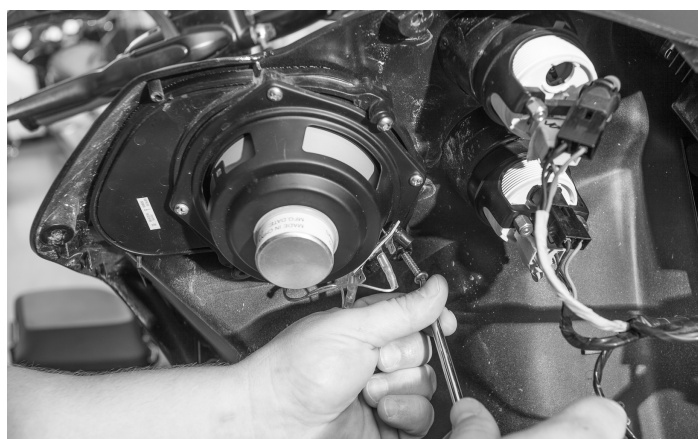


After the screws are removed, use your socket or ratcheting wrench to unbolt the turn signal brackets.

NOTE: Some turn signal brackets stay attached and some can be completely removed. This varies depending on aftermarket and factory accessory styles



Pull the fairing toward the front of the bike and up to release it from the fairing mounts. Unplug headlight harness and set fairing aside.



### Step 2 - Speaker Removal

After the fairing is removed, unplug the wires from both speaker terminals. Remove the screws that secure the factory speaker from the fairing.

## Installation



### Step 3 - Speaker Installation

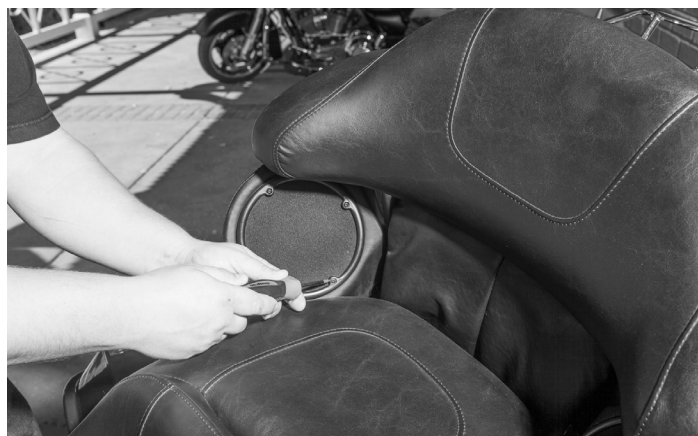
Insert the new Rockford speaker and grille assembly onto the speaker opening on the backside of the fairing. Use the included screws to securely mount the speakers



Connect the speakers by sliding the speaker wire connector over the speaker terminals

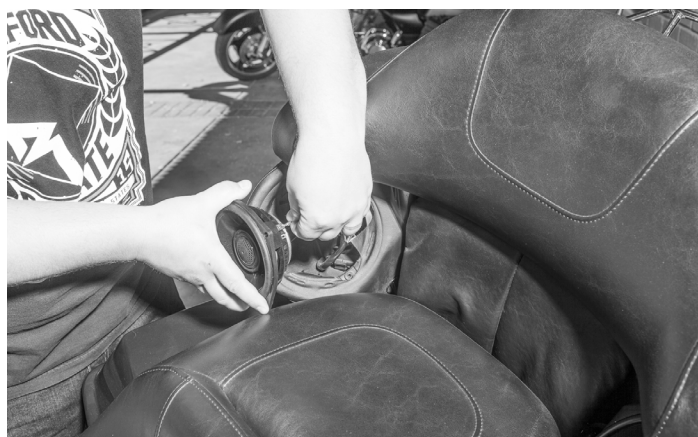
NOTE: The smaller terminal is the positive (+) and the larger terminal is the negative (-).

## Rear Speakers for Tour-Pak models.



### Step 1 - Rear Speaker Removal

Unscrew the speaker grilles from the rear pods and remove factory speaker. Disconnect the factory wiring from the speaker terminal and remove speaker.



### Step 2 - Rear Speaker Installation

Connect the speakers by sliding the speaker wire connector over the speaker terminals

NOTE: The smaller terminal is the positive (+) and the larger terminal is the negative (-).



Insert the new Rockford speaker into the speaker pod.



Place the grille over the speaker and attach with the included screws to mount to the pod.



## Warranty

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**Rockford Corporation offers a limited warranty on Rockford Fosgate products on the following terms:**

### **Length of Warranty**

POWER Amplifiers – 2 Years  
BMW® Direct Fit Speakers – 2 Years  
Source Units – 1 Year  
All other products – 1 Year  
Any Factory Refurbished Product – 90 days (receipt required)

### **What is Covered**

This warranty applies only to Rockford Fosgate products sold to consumers by Authorized Rockford Fosgate Dealers in the United States of America or its possessions. Product purchased by consumers from an Authorized Rockford Fosgate Dealer in another country are covered only by that country's Distributor and not by Rockford Corporation.

### **Who is Covered**

This warranty covers only the original purchaser of Rockford product purchased from an Authorized Rockford Fosgate Dealer in the United States. In order to receive service, the purchaser must provide Rockford with a copy of the receipt stating the customer name, dealer name, product purchased and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Rockford's discretion.

### **What is Not Covered**

1. Damage caused by accident, abuse, improper operations, water, theft, shipping.
2. Any cost or expense related to the removal or reinstallation of product.
3. Service performed by anyone other than Rockford or an Authorized Rockford Fosgate Service Center.
4. Any product which has had the serial number defaced, altered, or removed.
5. Subsequent damage to other components.
6. Any product purchased outside the U.S.
7. Any product not purchased from an Authorized Rockford Fosgate Dealer.

### **Limit on Implied Warranties**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, so this limitation may not apply. No person is authorized to assume for Rockford Fosgate any other liability in connection with the sale of the product.

### **How to Obtain Service**

Contact the Authorized Rockford Fosgate Dealer you purchased this product from. If you need further assistance, call 1-800-669-9899 for Rockford Customer Service. You must obtain an RA# (Return Authorization number) to return any product to Rockford Fosgate. You are responsible for shipment of product to Rockford.

### **EU Warranty**

This product meets the current EU warranty requirements, see your Authorized dealer for details.