

Installation assistance available at:

RFTECH

www.rockfordfosgate.com/rftech

P U N C H®

P1

**FULL RANGE
SPEAKERS**

**P132 • P142 • P152
P16 • P1650 • P1675
P1572 • P1462 • P1683
P1692 • P1694**

121914

1230-57046-02

Printed in China

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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 ECOUTE 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 PERICOLO

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.



WARNING

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.



CAUTION

- 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.

Loudspeaker Standard CEA-2031 Compliant	Model	P132	P142	P152	P16	P1650	P1675	P1462	P1572	P1683	P1692	P1694
Nominal Diameter	3.5" (89mm)	4.0" (102mm)	5.25" (133)	6" (153mm)	6.5" (165mm)	6.75" (171.5mm)	4" x 6" (102x152mm)	5" x 7" (127 x 178mm)	6" x 8" (152 x 203mm)	6" (153mm)	6" (153mm)	
Description	2-Way	2-Way	2-Way	2-Way	2-Way	3-Way	2-Way	2-Way	3-Way	2-Way	4-Way	
Nominal Impedance	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	
Frequency Response	120-22kHz	100-22kHz	70-22kHz	65-22kHz	45-20kHz	60-24kHz	90-22kHz	75-22kHz	65-24kHz	60-22kHz	60-24kHz	
Voice Coil Diameter	0.75" (20mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	1.0" (25.4mm)	
Power Rating (RMS/Peak)	20W / 40W	30W / 60W	40W / 80W	55W / 110W	55W / 110W	60W / 120W	35W / 70W	60W / 120W	65W / 130W	75W / 150W	75W / 150W	
Fs - Free Air Resonance	120 Hz	100 Hz	70 Hz	65 Hz	61 Hz	60 Hz	90 Hz	75 Hz	65 Hz	60 Hz	60 Hz	
Qts	0.60	0.80	0.68	0.68	0.79	0.68	0.80	0.68	1.00	0.72	0.72	
Vas	0.03ft ³ (0.9L)	0.09ft ³ (2.5L)	0.19ft ³ (5.4L)	0.60ft ³ (16.8L)	0.57ft ³ (16.1L)	0.60ft ³ (16.8L)	0.08ft ³ (2.2L)	0.19ft ³ (5.4L)	0.48ft ³ (13.6L)	0.78ft ³ (22.0L)	0.78ft ³ (22.0L)	
Sensitivity (1W/1M)	85dB	86.5dB	87dB	88dB	88dB	89dB	87.5dB	89dB	90dB	91dB	91dB	
Sensitivity (2.83V/1M)	88dB	89.5dB	90dB	91dB	91dB	92dB	90.5dB	92dB	93dB	94dB	94dB	
Xmax	0.04" (1.0mm)	0.06" (1.5mm)	0.08" (2.0mm)	0.14" (3.5mm)	0.12" (3mm)	0.14" (3.5mm)	0.08" (2.0mm)	0.08" (2.0mm)	0.14" (3.5mm)	0.18" (4.5mm)	0.18" (4.5mm)	
Mounting Diameter	3.21" (81.6mm)	4.04" (102.5mm)	4.81" (122.2mm)	5.05" (128.2mm)	5.51" (160mm)	5.68" (144.2mm)	3.76"x6.01" (95.6x152.6mm)	4.76"x7.02" (120.9x178.4mm)	5.08"x7.26" (129.0x184.3mm)	5.77"x8.51" (146.5x216.2mm)	5.77"x8.51" (146.5x216.2mm)	
Mounting Depth	1.46" (37.0mm)	1.75" (44.5mm)	1.91" (48.5mm)	1.93" (49.0mm)	2.24" (50mm)	2.24" (57.0mm)	1.89" (48.0mm)	2.30" (58.5mm)	2.32" (59.0mm)	3.07" (78.0mm)	3.07" (78.0mm)	
Grille/Trim Ring	NO	NO	YES	YES	YES	YES	NO	NO	NO	YES	YES	
Adaptor Plate	NO	4"x6" / 6"x8"	5"x7" / 6"x9"	5"x7" / 6"x9"	NO	5"x7" / 6"x9"	6"x8"	6"x8"	NO	NO	NO	

See pages 4-7 for additional dimensions.

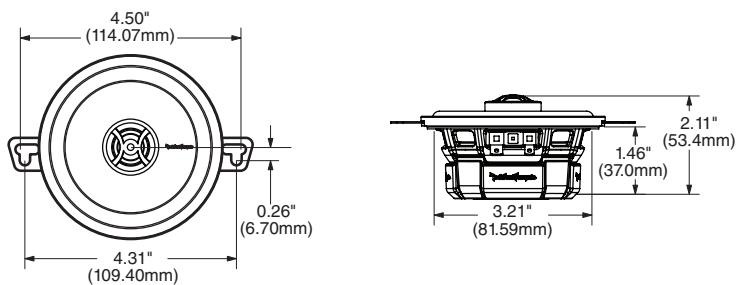


CEA 2006

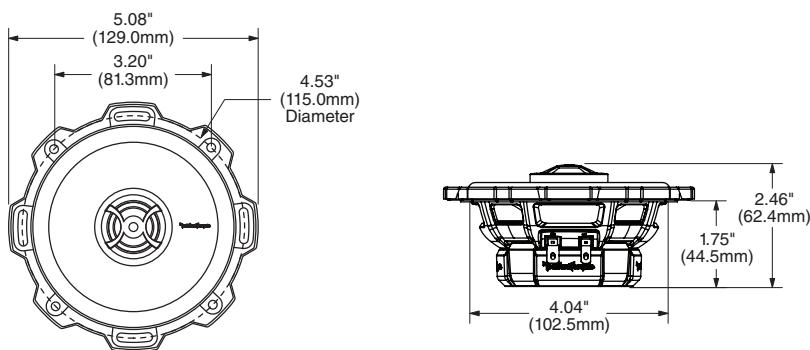
Power ratings on Rockford Fosgate amplifiers conform to CEA-2006 industry standards. These guidelines mean your amplifier's output power ratings are REAL POWER numbers, not inflated marketing ratings.

Specifications

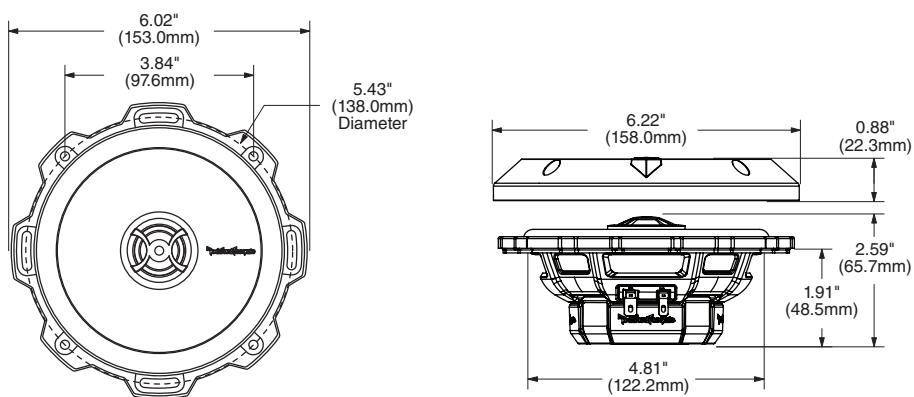
P132



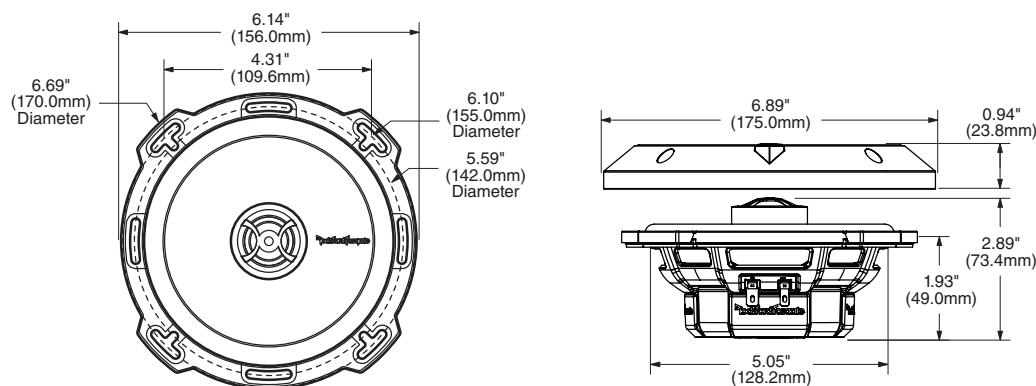
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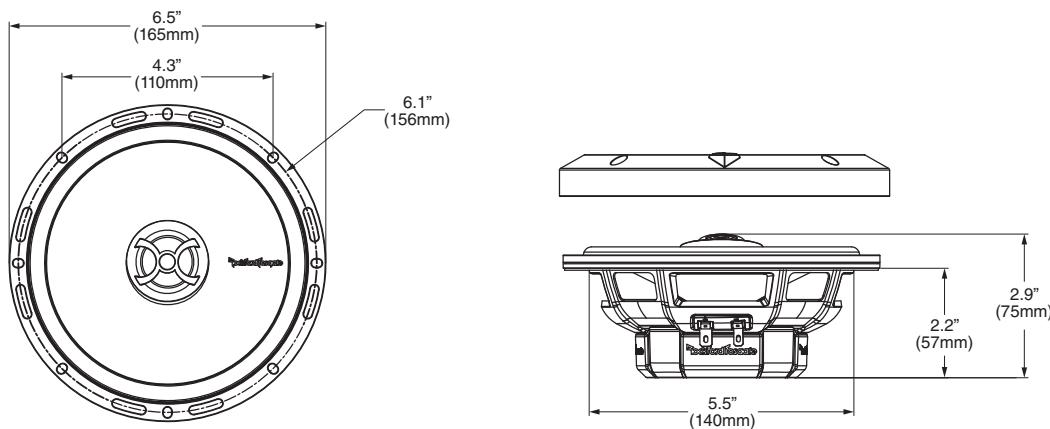
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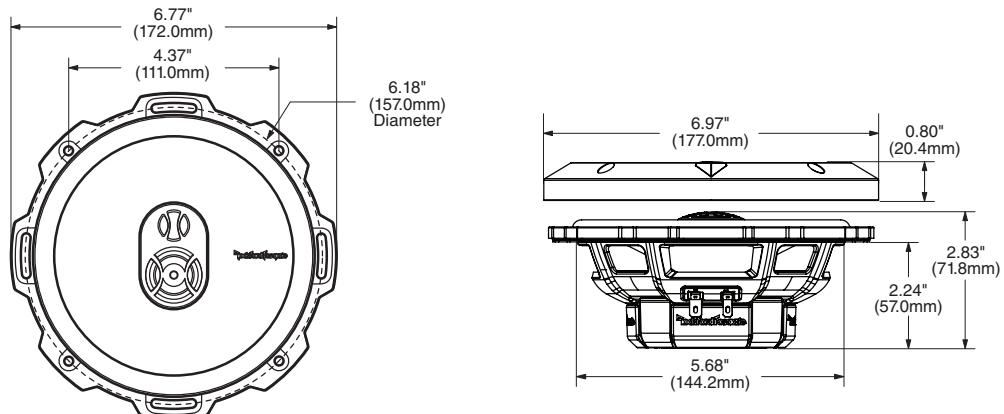
P16



P1650

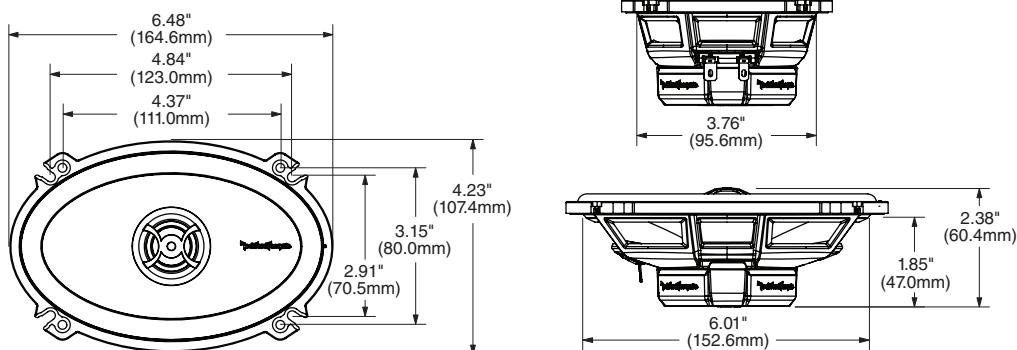


P1675

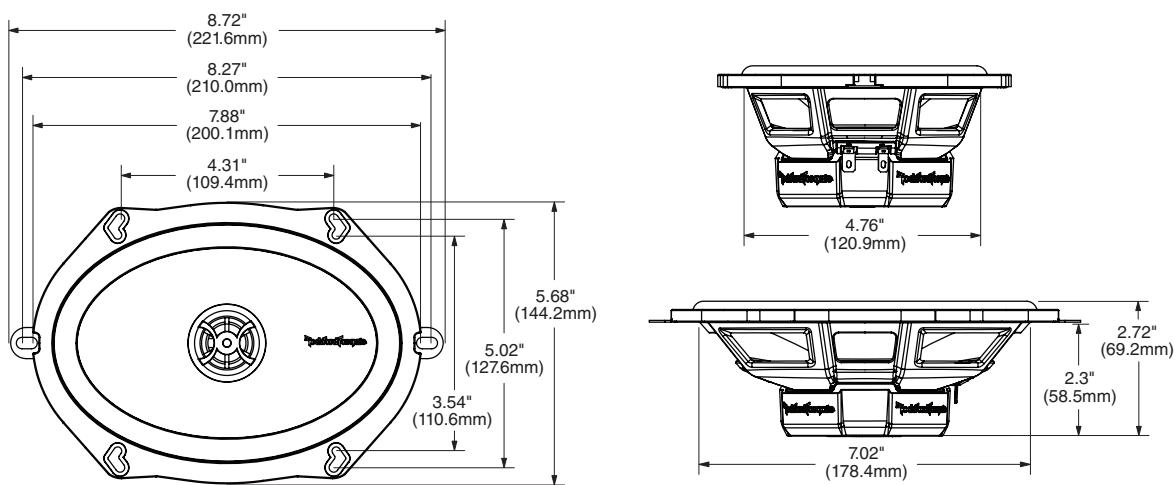


Specifications

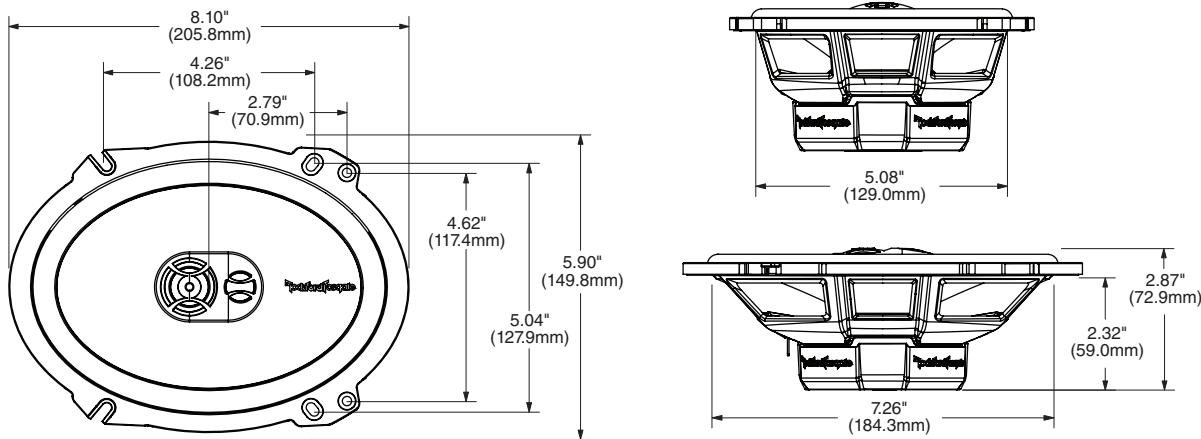
P1462



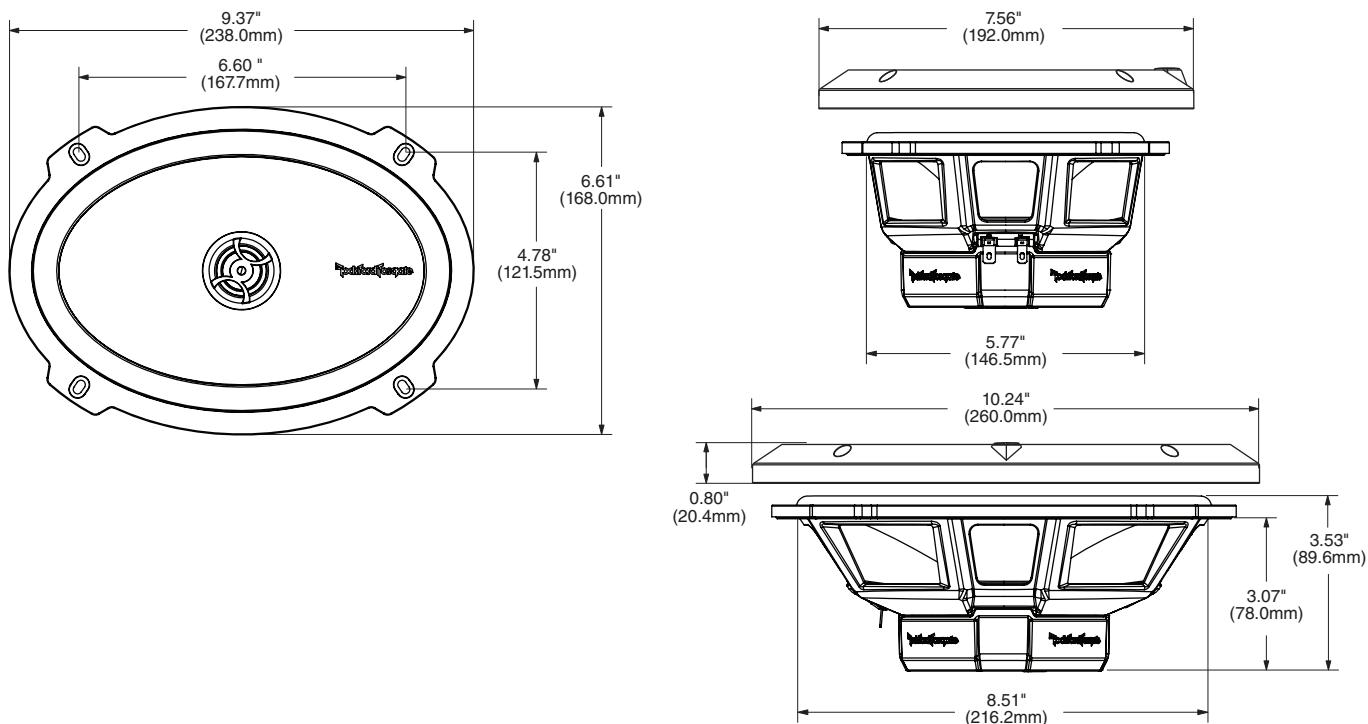
P1572



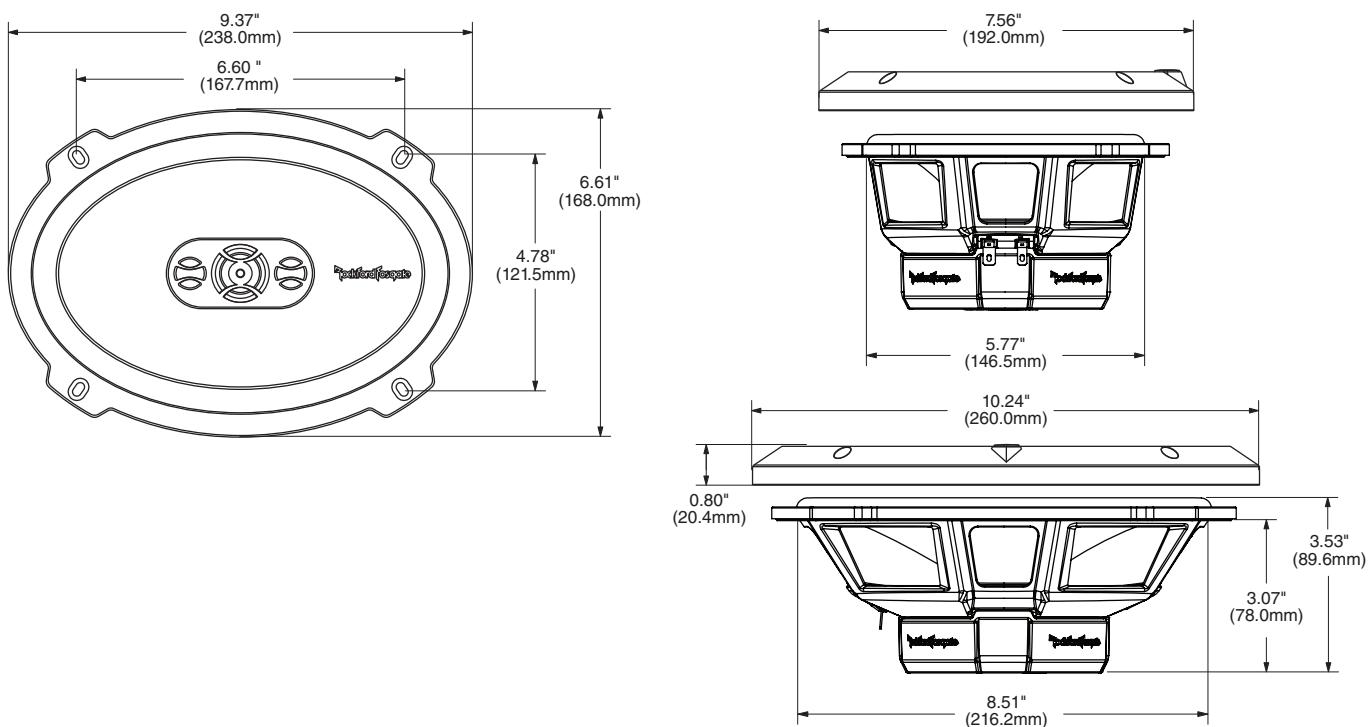
P1683



P1692



P1694



Installation

Contents

- (1) Pair Punch Series Full Range Speakers
- (1) Pair of grilles/trim rings (P152, P16, P1650, P1675, P1692 and P1694 only)
- (1) Pair of 5x7 adapter plates (P142, P1462, P1572 only)
- (1) Pair of 6x9 adapter plates (P152, P16, P1675 only)
- Mounting Hardware

Installation Considerations

Before beginning any installation, follow these simple rules:

1. Be sure to carefully read and understand the instructions before attempting to install these speakers.
2. For safety, disconnect the negative lead from the battery prior to beginning the installation.
3. For easier assembly, we suggest you run all wires prior to mounting your speakers in place.
4. Use high quality connectors for a reliable installation and to minimize signal or power loss.
5. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle. If installation in a boat, take care not to cut or drill through the main hull.
6. Never run wires underneath the vehicle. Running the wires inside the vehicle or hull area provides the best protection.
7. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially the firewall.

Mounting

1. Determine where the speakers will be mounted. Ensure an area large enough for the speaker to mount evenly. Be sure that the mounting location is deep enough for the speaker to fit; if mounting in a door, operate all functions (windows, locks, etc.) through their entire operating range to ensure there is no obstruction.
2. Refer to the specification chart to determine the proper diameter hole to cut for your speaker model. Cutting and mounting templates can be found at www.rockfordforsgate.com.
3. Mark the locations for the mounting screws. Drill the holes with a 1/8" bit.
4. Feed the speaker wires through the cutout and connect to the speaker terminals. Be sure to observe proper polarity when connecting the wires. The speaker's positive terminal is indicated with a "+".

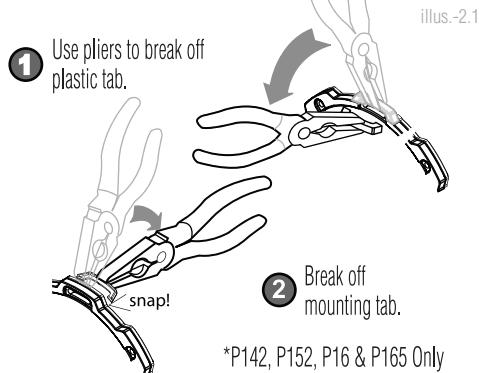
5. On models with slotted holes, fit the speaker into the cutout and install the screws in the slots at the top and bottom. This will allow you to rotate the speaker to match the remaining mounting holes. When aligned, tighten the screws.

OR

6. On models with a trim ring, fit the trim ring over the speaker and mount into place using four (4) screws.
7. Tighten the screws until the speaker is snug in place to prevent rattling. Do not over tighten the screws.

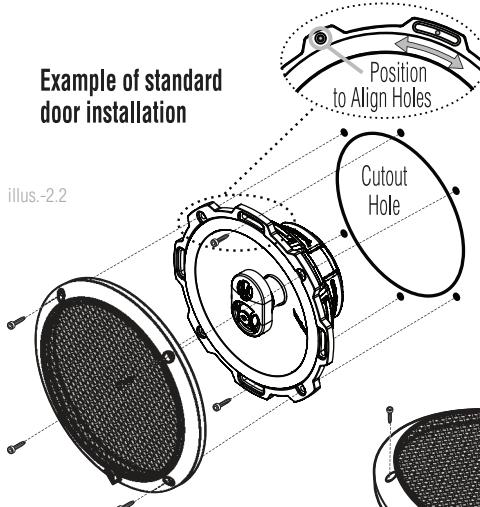
NOTE: For P142, P1462, P152, P16, P165 and P1675 only, if needed use the adapter plate provided to mount the speaker. See Adapter Plate Templates.

Mounting tab removal for some installations

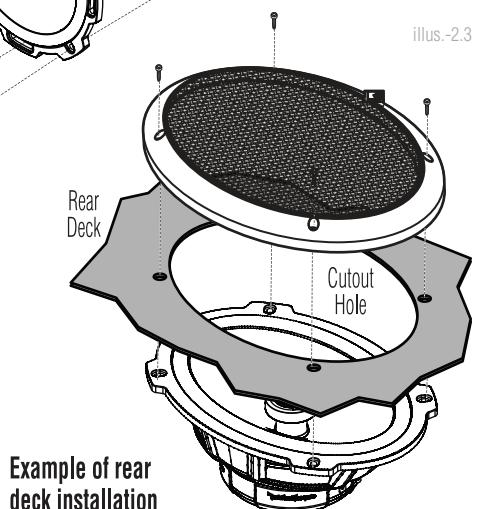


Example of standard door installation

illus.-2.2

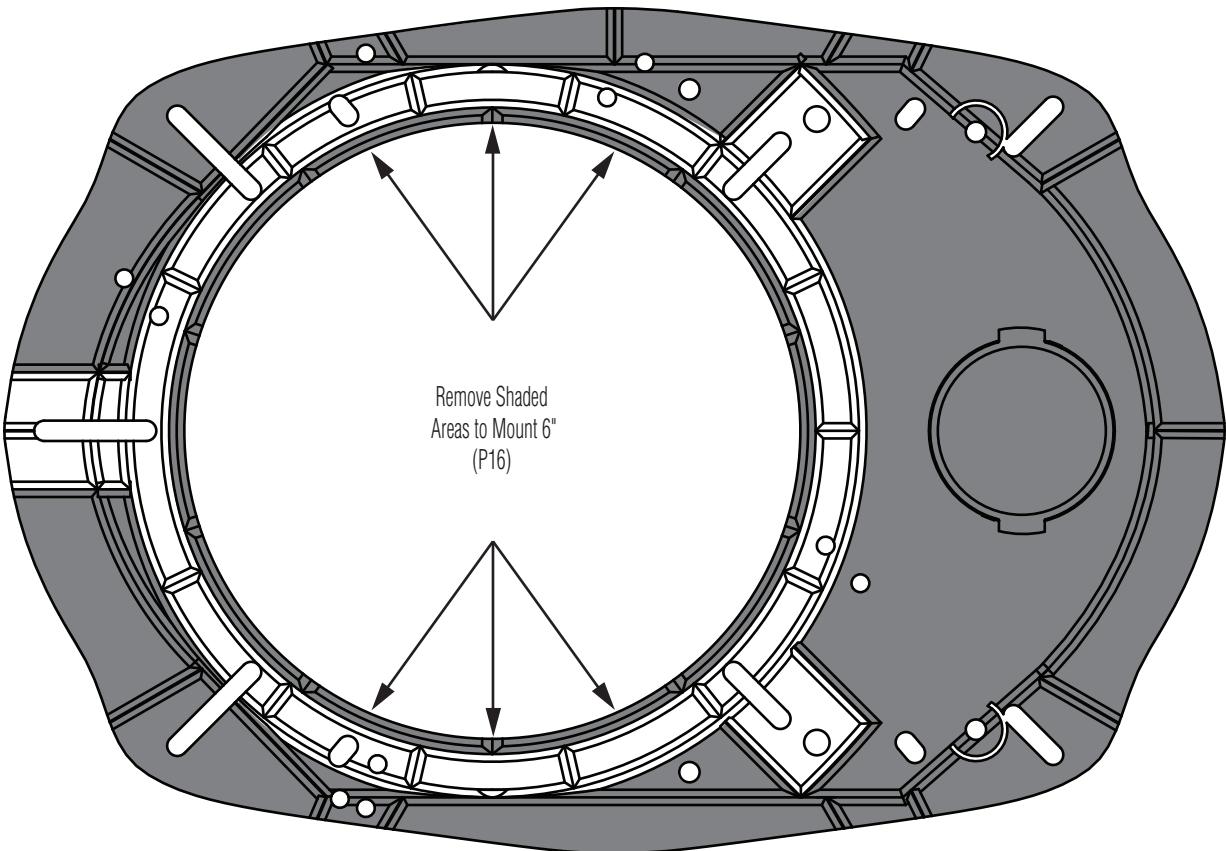
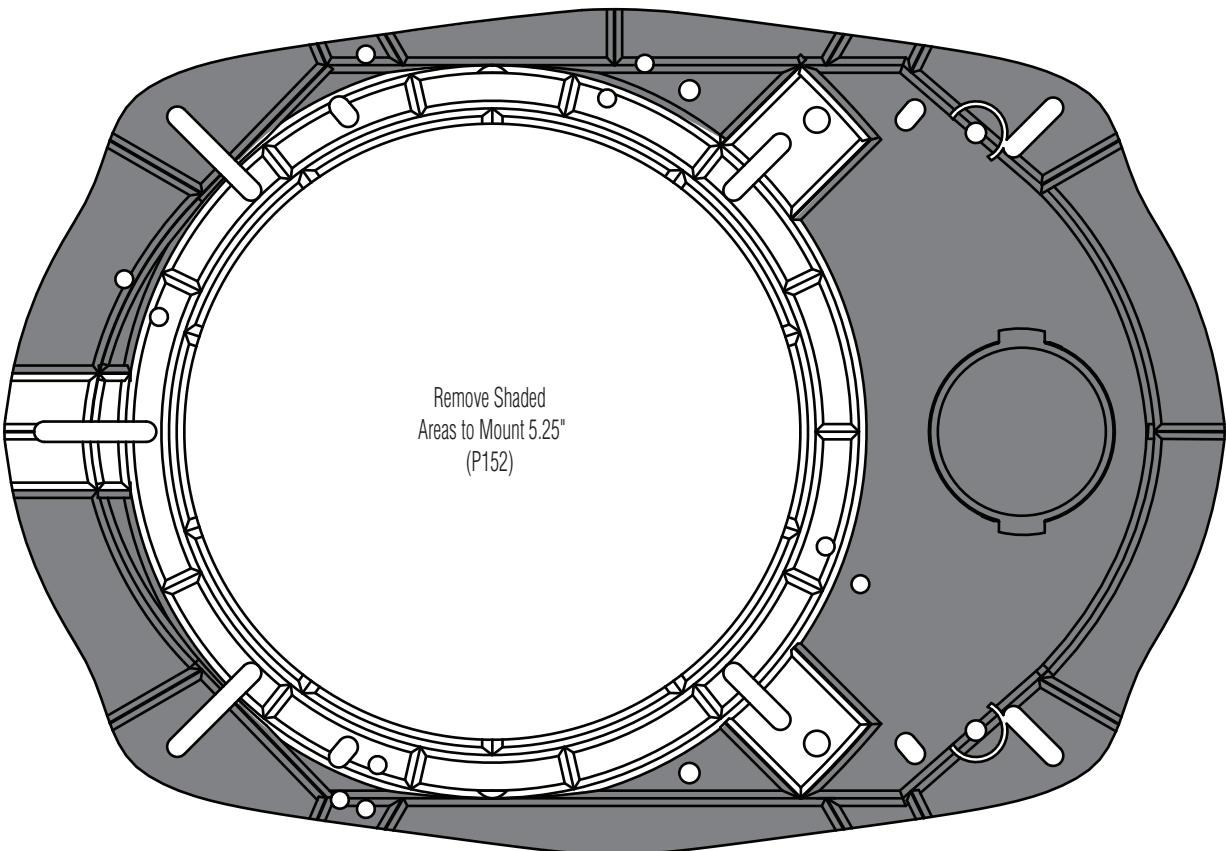


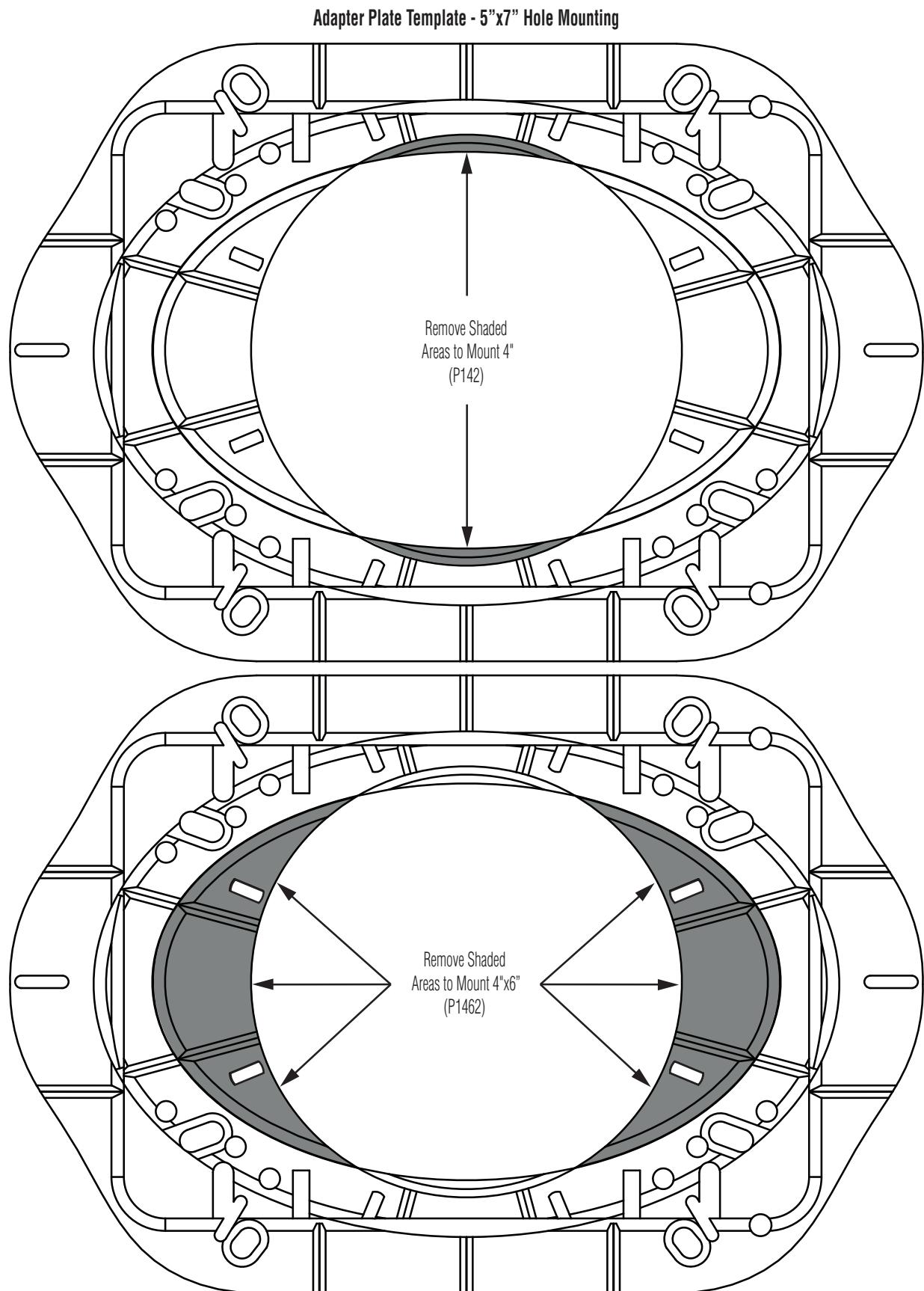
illus.-2.3



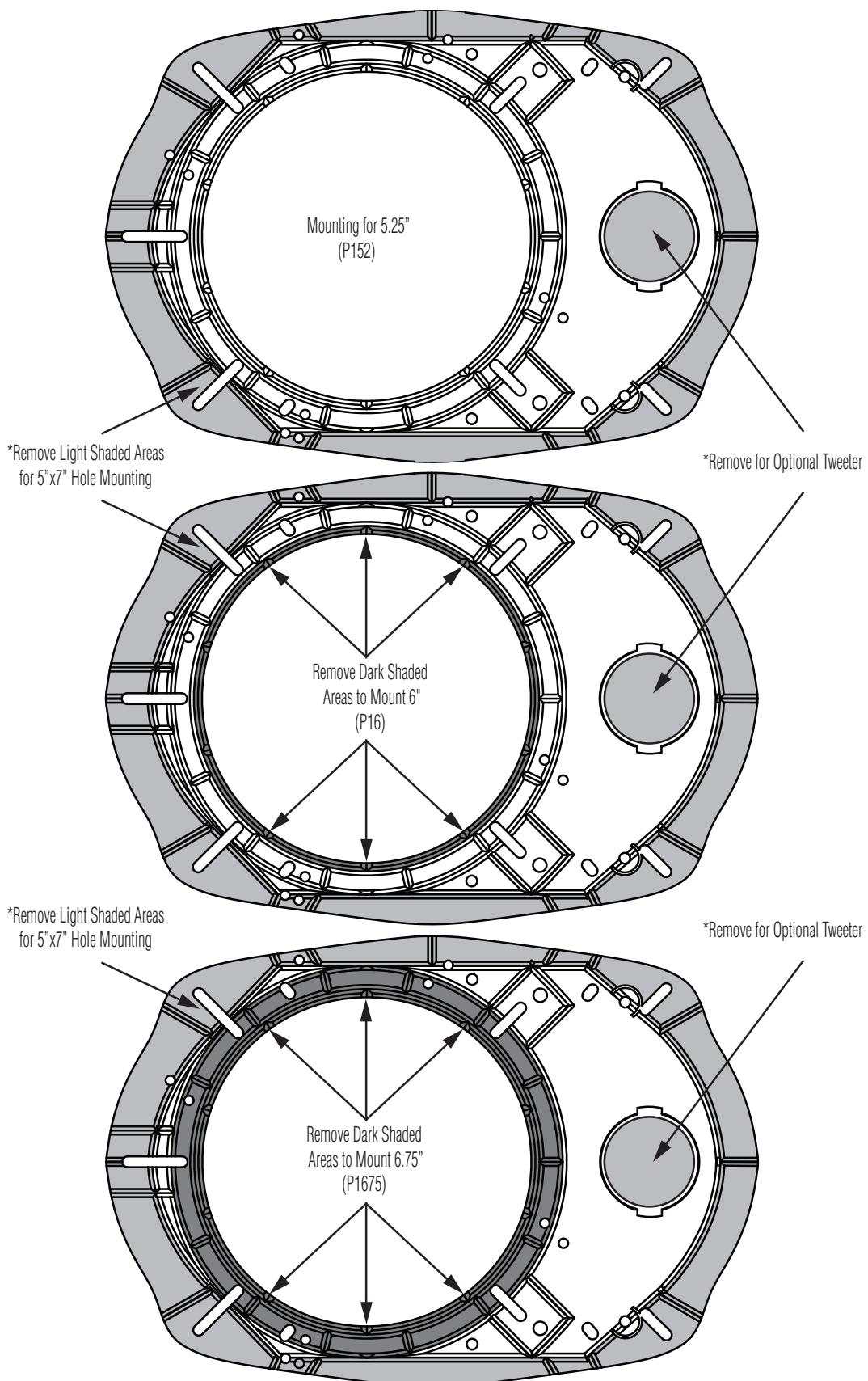
Example of rear deck installation

Adapter Plate Template - 6.75" Hole Mounting





Adapter Plate Template - 6" x 9" Hole Mounting



Warranty

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
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.