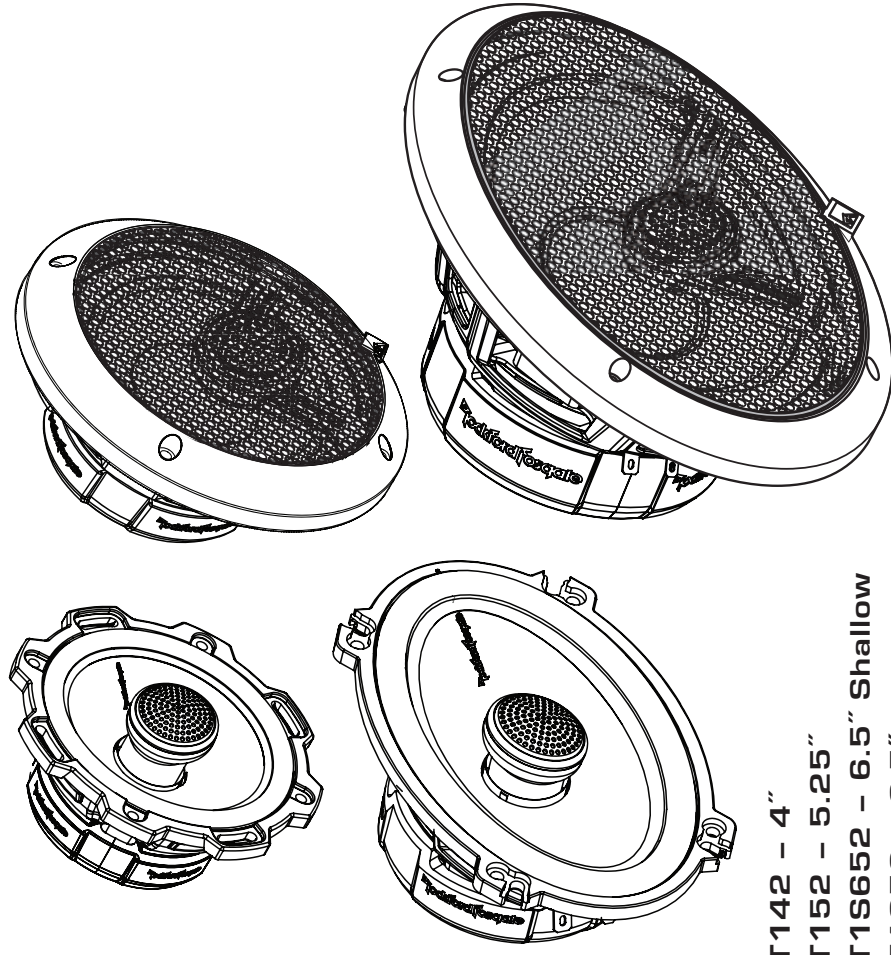




POWER

Full Range Speakers



- T1142 - 4"
- T1152 - 5.25"
- T1S652 - 6.5" Shallow
- T1652 - 6.5"
- T1462 - 4" x 6"
- T1572 - 5" x 7"
- T1682 - 6" x 8"
- T1692 - 6" x 9"
- T1693 - 6" x 9" 3-Way

Installation & Operation
Installation et fonctionnement
Instalación y funcionamiento
Einbau und Betrieb
Installazione e funzionamento

LIMITED WARRANTY STATEMENT

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

Length of Warranty

Speakers – 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.



Rockford Fosgate

Rockford Corporation
600 South Rockford Drive
Tempe, Arizona 85281 U.S.A.

In U.S.A., (480) 967-3565 - Customer Service 1-800-669-9899

www.rockfordfosgate.com

Designed and Engineered by Rockford Fosgate, Tempe, AZ, USA.

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01/2009 B.M.
05/2009 E.R.
1230-55856-01

Serial Number: _____

Date of Purchase: _____

Printed in China

SAFETY

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

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.

CARTON CONTENTS

- (1) Set T1 Series Full Range Speakers
- (1) Set of grilles (T152, T1S652, T1652, T1692 and T1693 Only)
- (1) Pair of 4"x6"/6"x8" adapter plates (T142, T1462, and T1572 Only)
- (1) Pair of 5"x7"/6"x9" adapter plates (T152, T1S652, and T1652 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

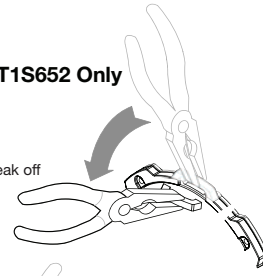
1. Determine where the speakers will be mounted. Ensure an area large enough for the speaker to mount evenly. Be sure that the mounting location is deep enough for the speaker to fit; if mounting in a door, operate all functions (windows, locks, etc.) through their entire operating range to ensure there 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.rockfordfosgate.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 "+".
- 5a. 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.
- 5b. On models with a trim ring, fit the trim ring over the speaker and mount into place using four (4) screws.
6. Tighten the screws until the speaker is snug in place to prevent rattling. Do not over tighten the screws.

NOTE: For T142, T1462, T152, T1S652, T1652 and T1572 only, if needed use the adapter plate provided to mount the speaker. See Adapter Plate Templates at the end of this manual.

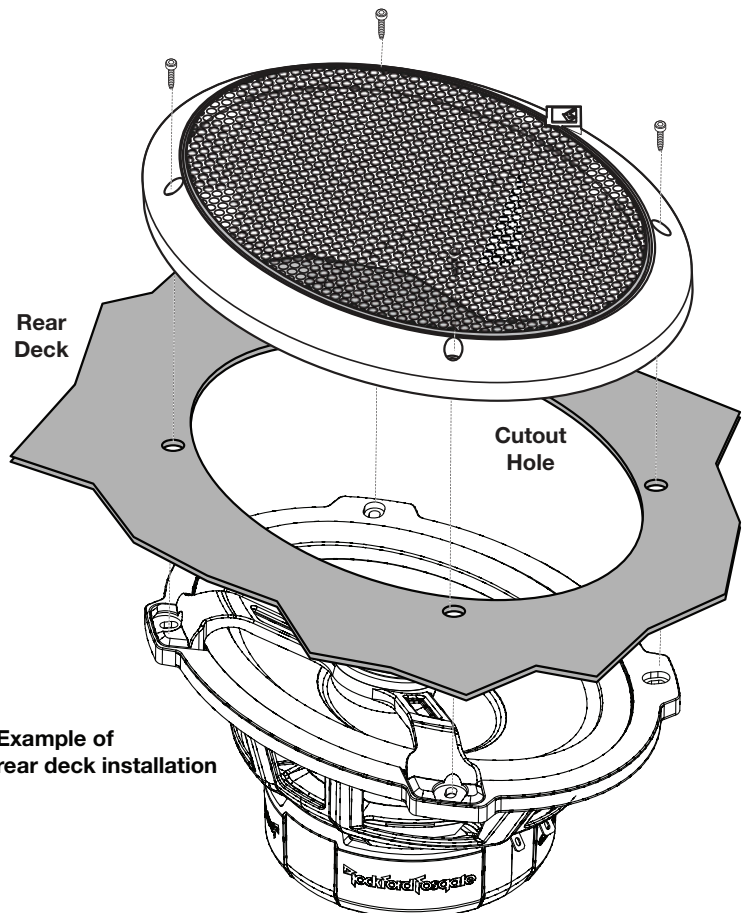
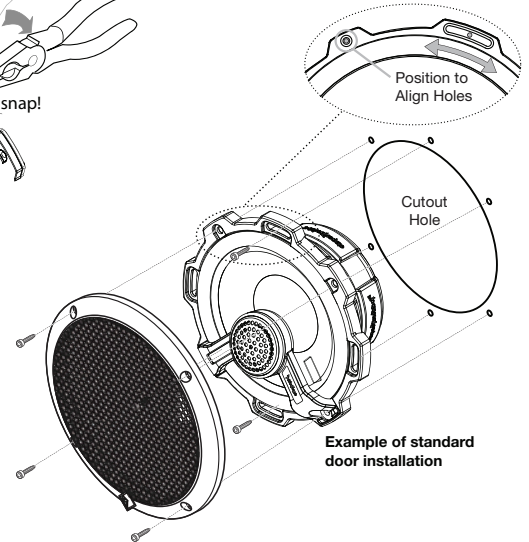
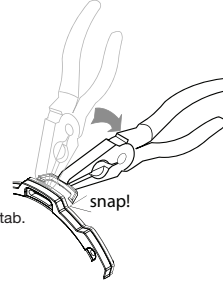
T142, T152 and T1S652 Only

Removing tabs for some installations

- 1 Use pliers to break off plastic tab.



- 2 Break off mounting tab.



SPECIFICATIONS

T1 Full-Range	T142	T152	T1S652	T1652	T1462
Nominal Diameter - inch (mm)	4.0 (102)	5.25 (133)	6.5 (165)	6.5 (165)	4 x 6 (102 x 152)
Description	2-Way	2-Way	2-Way	2-Way	2-Way
Nominal Impedance (ohms)	4	4	4	4	4
Frequency Response (Hz)	90Hz - 22kHz	65Hz - 22kHz	65Hz - 22kHz	55Hz - 22kHz	75Hz - 22kHz
Voice Coil Diameter - inch (mm)	1.1 (28)	1.1 (28)	1.1 (28)	1.2 (31)	1.1 (28)
Fs - Free Air Resonance (Hz)	90 Hz	65 Hz	65 Hz	55 Hz	75 Hz
Qts	0.85	0.60	0.70	0.50	0.84
Vas - cu. ft. (Liter)	0.12 (3.5)	0.34 (9.7)	0.39 (11.0)	0.57 (16.0)	0.22 (6.4)
Xmax - inch (mm)	0.10 (2.5)	0.16 (4.0)	0.18 (4.5)	0.24 (6.0)	0.12 (3.0)
SPL (dB @ 1w/1m)	86 dB	86.5 dB	88 dB	89 dB	85.5 dB
Power Handling-Watts (RMS / Peak)	40 / 80	60 / 120	70 / 140	75 / 150	45 / 90
Recommended Amp Power-Watts (RMS)	12W ~ 40W	18W ~ 60W	21W ~ 70W	22.5W ~ 75W	13.5W ~ 45W
Mounting Diameter-inch (mm)	4.06 (103)	4.80 (122)	5.04 (128)	5.59 (142)	3.78 x 5.79 (96 x 147)
Mounting Depth-inch (mm)	1.79 (46)	2.03 (52)	1.93 (49)	2.51 (64)	2.00 (51)
Includes Speaker Grilles	NO	YES	YES	YES	NO
Grille Ring Diameter-inch (mm)	-	6.22 (158)	6.89 (175)	6.97 (177)	-
Grille Ring Height-inch (mm)	-	1.18 (30)	1.18 (30)	1.22 (31)	-
Includes Multi-OEM Adapter Plate	4"x6"/6"x8"	5"x7"/6"x9"	5"x7"/6"x9"	5"x7"/6"x9"	6"x8"

See figures on following pages.

Specifications subject to change without notice.

SPECIFICATIONS

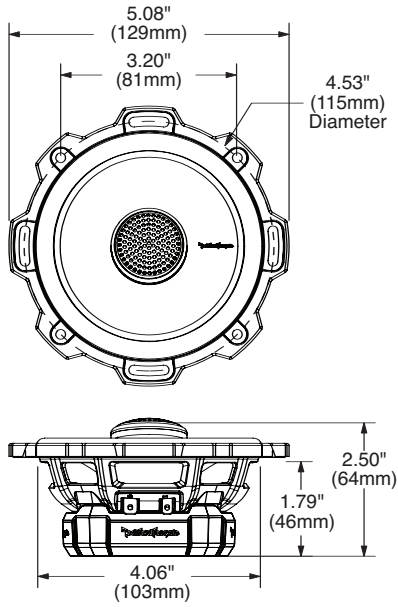
T1 Full-Range	T1572	T1682	T1692	T1693
Nominal Diameter - inch (mm)	5 x 7 (127 x 178)	6 x 8 (152 x 203)	6 x 9 (152 x 229)	6 x 9 (152 x 229)
Description	2-Way	2-Way	2-Way	3-Way
Nominal Impedance (ohms)	4	4	4	4
Frequency Response (Hz)	60Hz - 22kHz	55Hz - 22kHz	50Hz - 22kHz	50Hz - 22kHz
Voice Coil Diameter - inch	1.1 (28)	1.2 (31)	1.2 (31)	1.2 (31)
Fs - Free Air Resonance (Hz)	60	55	50	50
Qts	0.90	0.60	0.60	0.60
Vas - cu. ft. (Liter)	0.44 (12.5)	0.64 (18)	0.88 (25)	0.88 (25)
Xmax - inch (mm)	0.18 (4.5)	0.20 (5.0)	0.24 (6.0)	0.24 (6.0)
SPL (dB @ 1w/1m)	87 dB	88 dB	90 dB	90 dB
Power Handling-Watts (RMS / Peak)	70 / 140	80 / 160	100 / 200	100 / 200
Recommended Amp Power-Watts (RMS)	21W ~ 70W	24W ~ 80W	30W ~ 100W	30W ~ 100W
Mounting Diameter-inch (mm)	4.80 x 7.13 (122 x 181)	5.08 x 7.32 (129 x 186)	5.78 x 8.58 (147 x 218)	5.78 x 8.58 (147 x 218)
Mounting Depth-inch (mm)	2.30 (59)	2.60 (66)	3.43 (87)	3.43 (87)
Includes Speaker Grilles	NO	NO	YES	YES
Grille Ring Diameter-inch (mm)	-	-	7.56 x 10.24 (192 x 260)	7.56 x 10.24 (192 x 260)
Grille Ring Height-inch (mm)	-	-	1.34 (34)	1.30 (33)
Includes Multi-OEM Adapter Plate	6"x8"	NO	NO	NO

See figures on following pages.

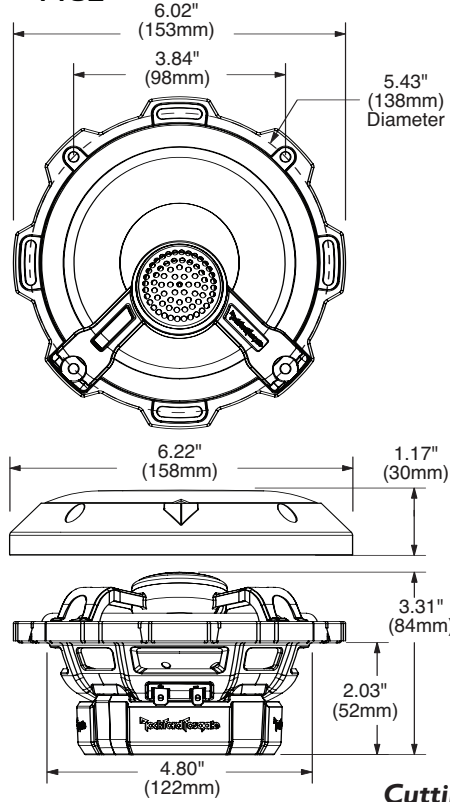
Specifications subject to change without notice.

SPECIFICATIONS

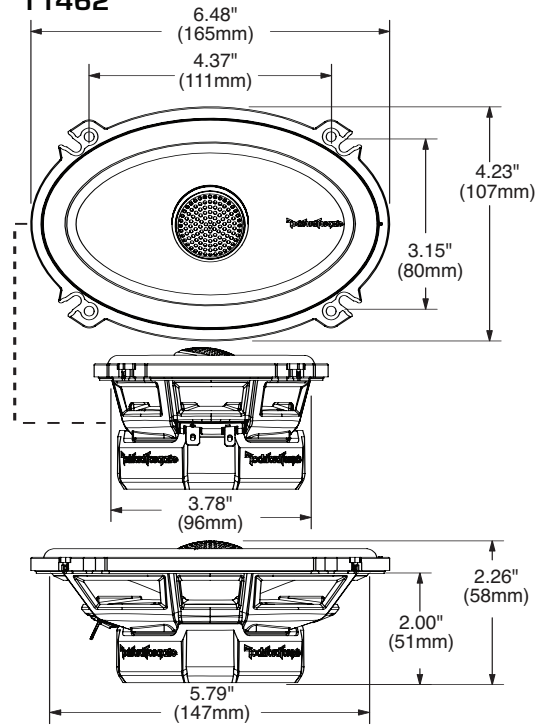
T142



T152

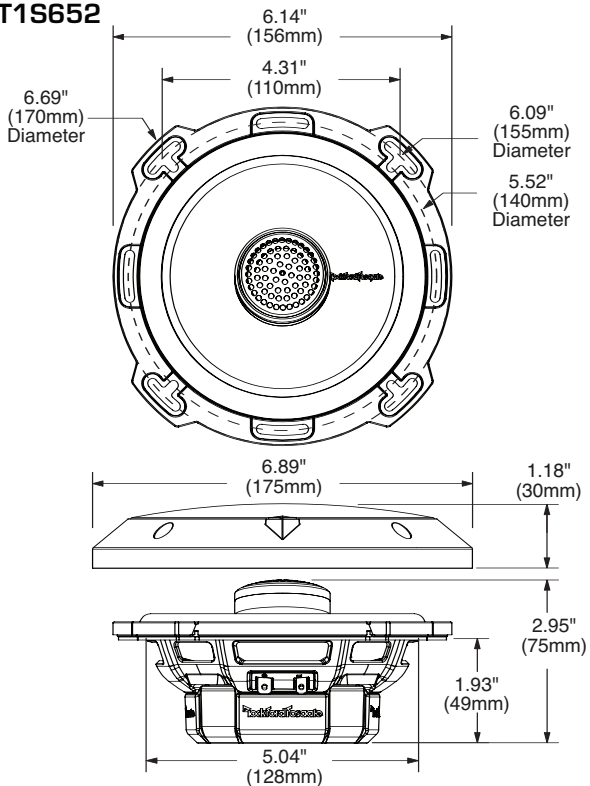


T1462

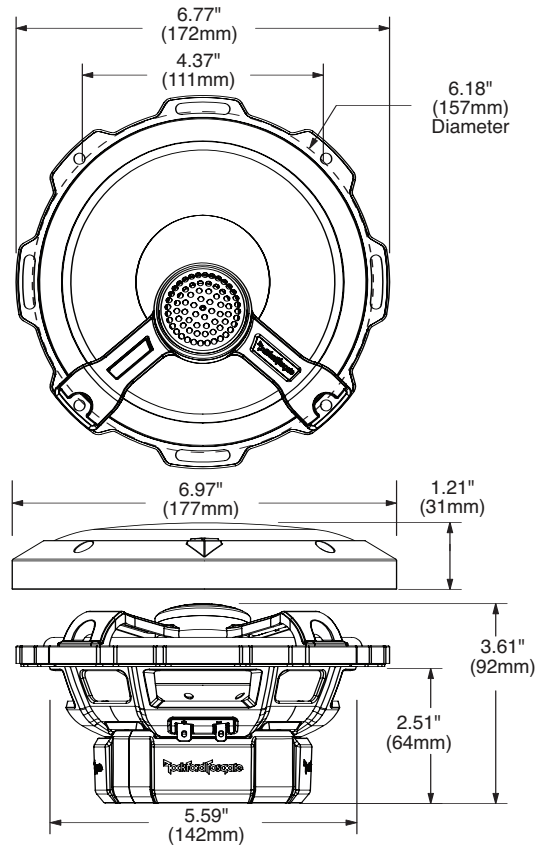


Cutting and mounting templates are available online at www.rockfordfosgate.com/rftech.

T1S652

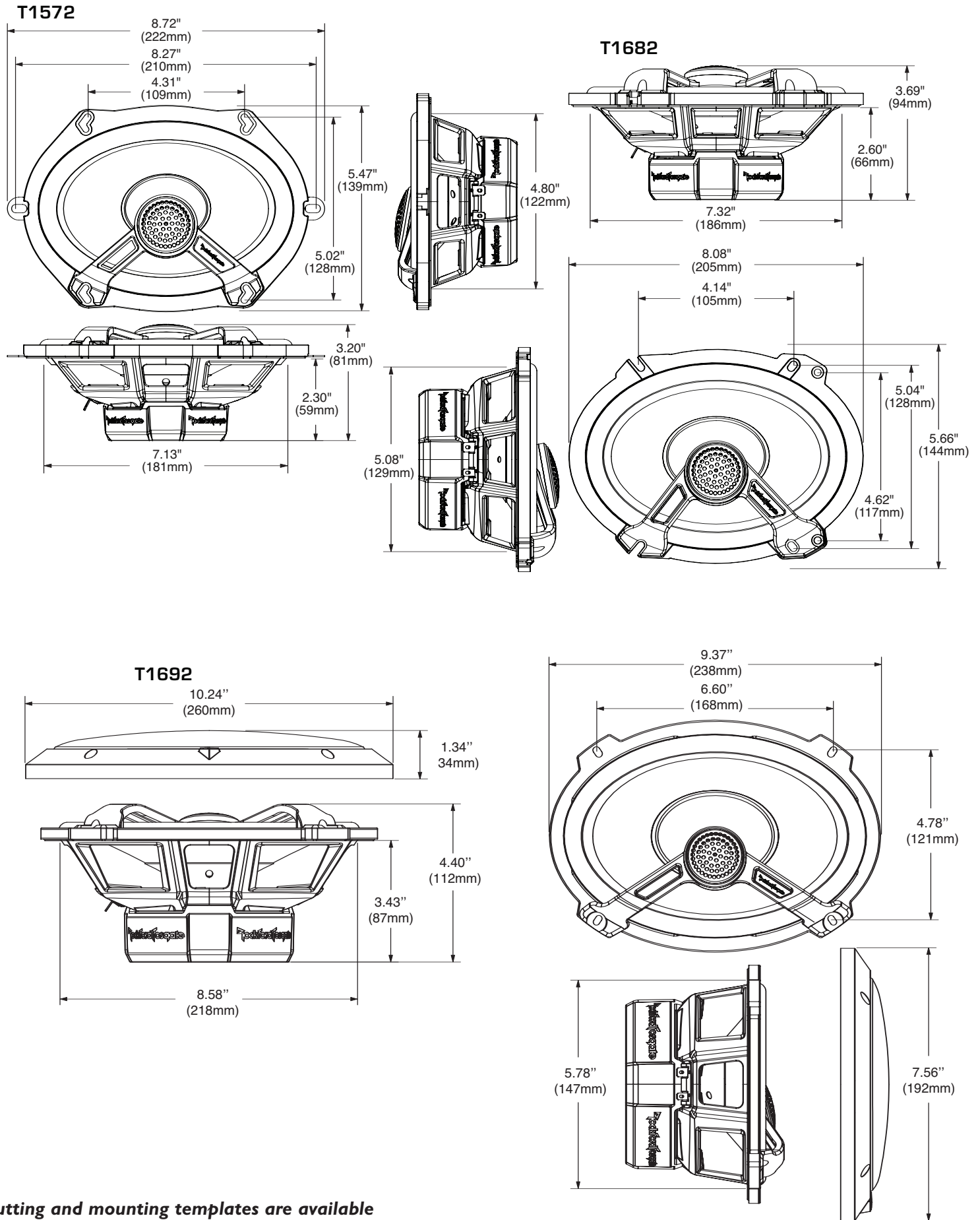


T1652



Specifications subject to change without notice.

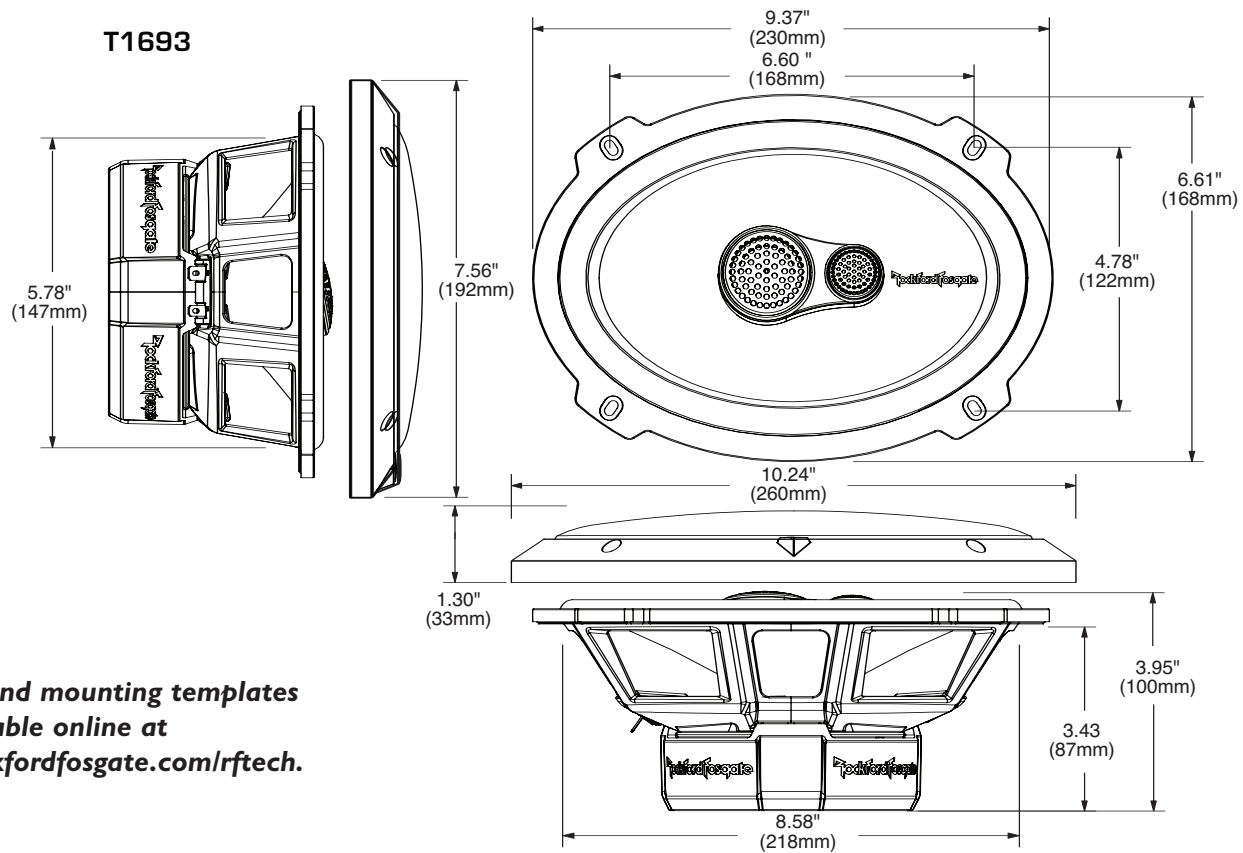
SPECIFICATIONS



Cutting and mounting templates are available online at www.rockfordfosgate.com/rftech.

Specifications subject to change without notice.

SPECIFICATIONS



Cutting and mounting templates are available online at www.rockfordfosgate.com/rftech.

Specifications subject to change without notice.

Français

⚠ MISE EN GARDE : avant d'entamer l'installation, déconnectez la broche négative (-) de la batterie pour éviter tout risque de blessures, d'incendie ou de dommages à l'appareil.

PRATIQUEZ UNE ÉCOUTE SANS RISQUES^{MD}

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.

Notes pour l'installation

Avant de commencer l'installation, suivez les règles ci-dessous :

1. Veillez à bien lire et comprendre les instructions avant d'essayer d'installer les haut-parleurs.
2. Par mesure de sécurité, débranchez le fil négatif de la batterie avant de commencer l'installation.
3. Pour faciliter le montage des haut-parleurs, il est conseillé d'installer tous les câbles au préalable.
4. Utilisez des connecteurs de haute qualité pour assurer une installation fiable et réduire au minimum la perte de signal ou de puissance.
5. Réfléchissez bien avant de percer. Veillez à ne pas couper ou percer le réservoir d'essence, le câblage électrique ou les conduites de carburant, de freinage hydraulique ou de dépression en travaillant sur un véhicule. En cas d'installation sur un bateau, veillez à ne pas couper ou percer la coque principale.
6. Ne jamais faire passer de fils sous le véhicule. Leur installation à l'intérieur du véhicule ou de la coque assure la meilleure protection.
7. Évitez de faire passer des fils sur des bords tranchants ou dans des orifices à arêtes vives. Utilisez des bagues en caoutchouc ou en plastique pour protéger les fils traversant une plaque de métal, notamment le tablier.

Montage

1. Déterminez l'emplacement des haut-parleurs. Veillez à ce que la surface plane soit assez grande pour assurer un contact uniforme du haut-parleur. Vérifiez que l'emplacement est assez profond pour le haut-parleur ; en cas de montage dans une portière, actionnez toutes les commandes (fenêtres, serrures, etc.) jusqu'aux extrémités de leurs courses pour vous assurer qu'il n'y a pas d'obstruction.
2. Consultez le tableau des caractéristiques pour déterminer le diamètre de l'orifice à découper pour votre modèle de haut-parleur. Le gabarit fourni donne aussi le bon diamètre de découpe. Les gabarits de coupe et de montage sont disponibles sur la page www.rockfordfosgate.com/rftech.
3. Marquez l'emplacement des vis de montage. Percez les trous avec une mèche de 1/8 de pouce (3,2 mm).
4. Faites passer les fils de haut-parleur à travers l'orifice découpé et branchez-les aux bornes du haut-parleur. Veillez à bien respecter la polarité lors du branchement. La borne positive du haut-parleur est indiquée par un « + ».
- 5a. Sur les modèles à trous allongés, mettez le haut-parleur en place dans la découpe et installez les vis dans les trous du haut et du bas. Vous pourrez alors faire tourner le haut-parleur pour l'aligner sur les autres trous de montage. Une fois cet alignement effectué, serrez les vis.
- 5b. Sur les modèles à anneau de garniture, placez celui-ci sur le haut-parleur et fixez-le avec quatre vis.
6. Serrez les vis jusqu'à ce que le haut-parleur soit bien ajusté, de façon à prévenir tout cliquetis, mais évitez tout serrage excessif.

REMARQUE: Pour les modèles T142, T1462, T152, T15652 et T1652 seulement, utilisez si nécessaire la plaque d'adaptation fournie pour monter le haut-parleur. Voir les gabarits de plaque d'adaptation à la fin de cette notice.

Italiano

ATTENZIONE: Prima dell'installazione, scollegate il terminale negativo (-) della batteria per evitare danni all'unità, pericoli d'incendio e/o potenziali lesioni personali.

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"

Considerazioni sull'installazione

Prima di iniziare qualsiasi operazione d'installazione, vi consigliamo di seguire queste semplici regole:

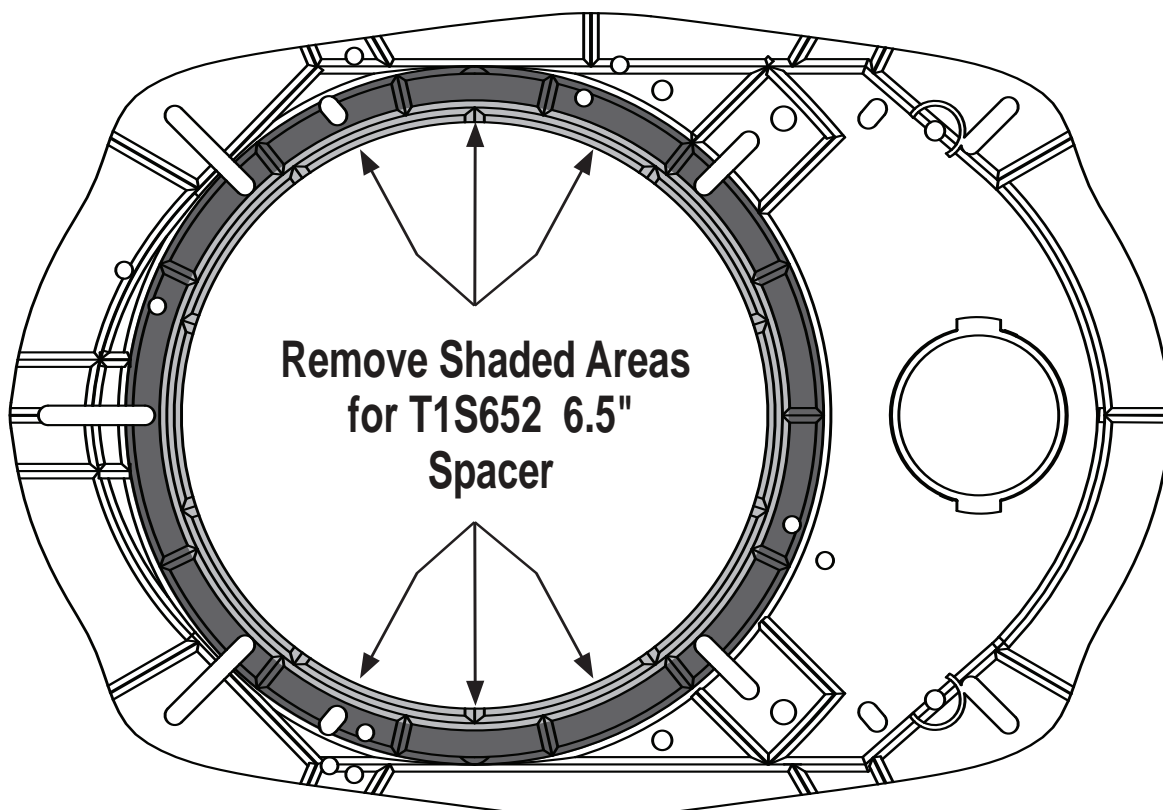
1. Assicuratevi di aver letto tutte le istruzioni con cura e di averle capite prima di effettuare qualsiasi tentativo d'installazione nei confronti dell'unità.
2. Per motivi di sicurezza, scollegate il cavo negativo dalla batteria prima di dare l'avvio all'installazione.
3. Per facilitare il montaggio, vi suggeriamo di far scorrere tutti i fili prima di montare la vostra unità nella sua ubicazione.
4. Usate connettori di alta qualità per garantire un'installazione che dà affidamento e per ridurre al minimo la perdita di segnali o di potenza.
5. State attenti prima di trapanare! Cercate di non trapanare e di non incidere i serbatoi della benzina; le condutture del carburante, dei freni, del sistema idraulico e a depressione; nonché i fili elettrici quando state lavorando su qualsiasi veicolo.
6. Non fate mai scorrere i fili sotto il veicolo. Avrete la protezione migliore facendo scorrere i fili all'interno del veicolo.
7. Evitate di far scorrere i fili sopra o attraverso delle estremità affilate. Usate guarnizioni di tenuta in gomma o in plastica per proteggere qualsiasi filo che passi attraverso del metallo, soprattutto il paraframma.

Montaggio

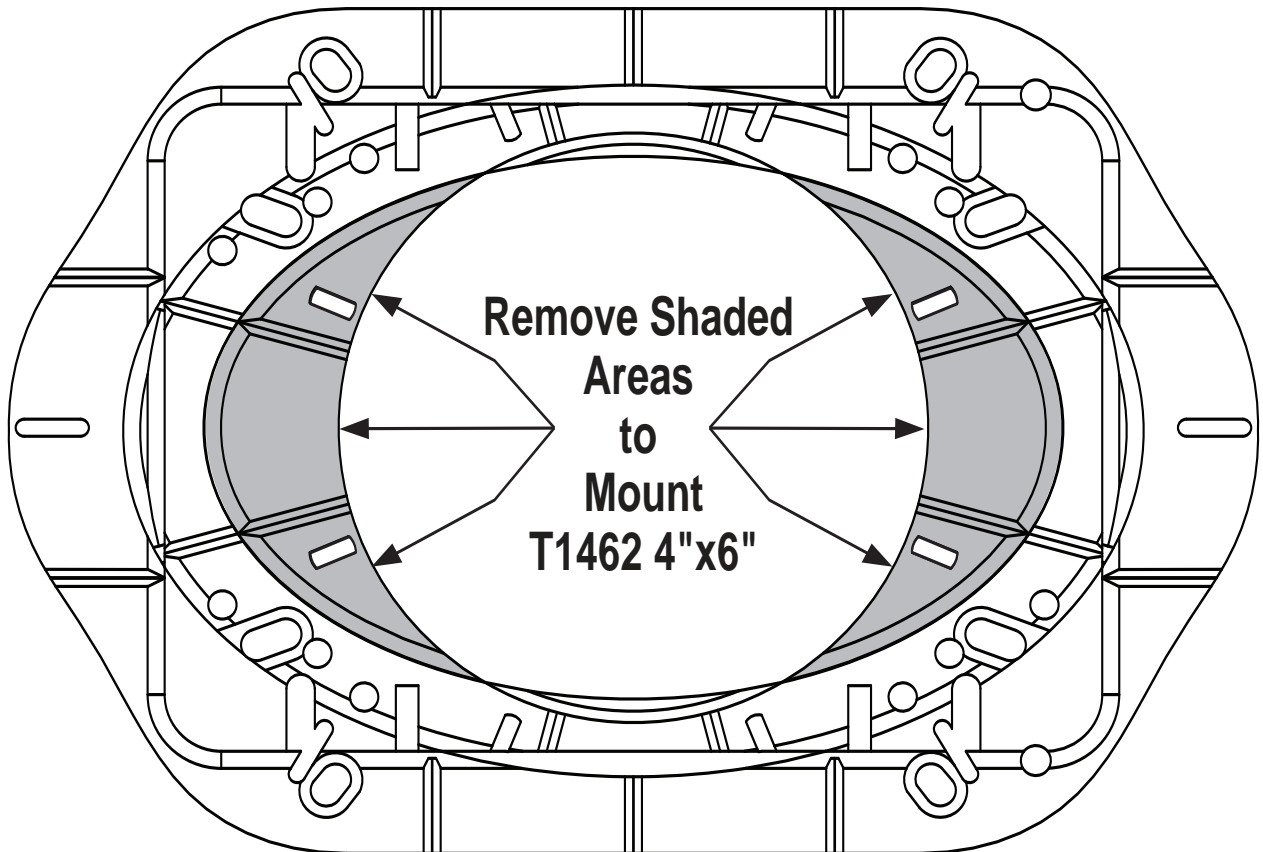
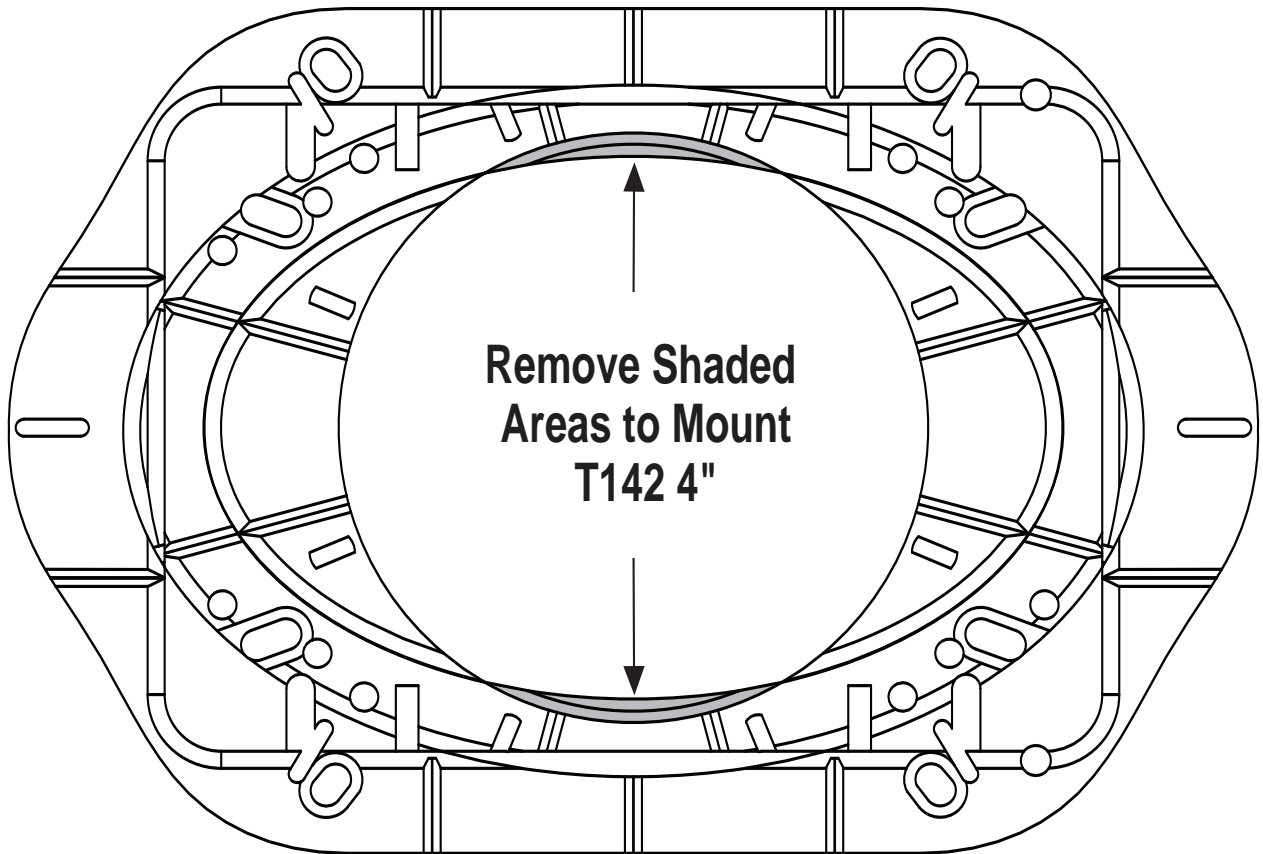
1. Decidete dove montare gli altoparlanti. Assicuratevi che sia un'area abbastanza grande per poter montare l'altoparlante a livello e abbastanza profonda per poterlo collocare comodamente. Se lo montate all'interno di uno sportello, controllate tutte le funzioni (finestre, serrature, ecc.), una alla volta, per assicurarvi che non ci siano ostruzioni.
2. Fate riferimento alla tabella delle specifiche per stabilire il diametro corretto del foro che dovrete praticare per il modello del vostro altoparlante. Si possono trovare le sagome per il taglio e il montaggio presso www.rockfordfosgate.com/rfttech.
3. Marcare le posizioni per le viti di montaggio. Praticare i fori con una punta da trapano di 1/8 di pollice (3,2 mm).
4. Passare i cavi del diffusore tramite l'apertura e collegarli ai terminali. Verificare che la polarità sia corretta quando si collegano i cavi. Il terminale positivo del diffusore è identificato dal "+".
5. 5a. Nei modelli con fori a slot, adattare il diffusore nel foro ritagliato e inserire le viti negli slot in alto e in basso. Così facendo si potrà ruotare il diffusore per allinearli con i rimanenti fori di montaggio. Serrare le viti quando si è ottenuto l'allineamento.
- 5b. Nei modelli dotati di anello di finitura, adattare l'anello sul diffusore e montare in posizione servendosi delle quattro (4) viti.
6. Per evitare rumore dovuto a vibrazioni serrare le viti finché il diffusore non sia saldamente in posizione. Non serrare le viti in modo eccessivo.

NOTA: Nel caso dei T142, T1462, T152, T1S652 e T1652 solamente, montare il diffusore servendosi, se necessario, della piastra di adattamento in dotazione. Vedere Sagome per la piastra di adattamento alla fine del presente manuale.

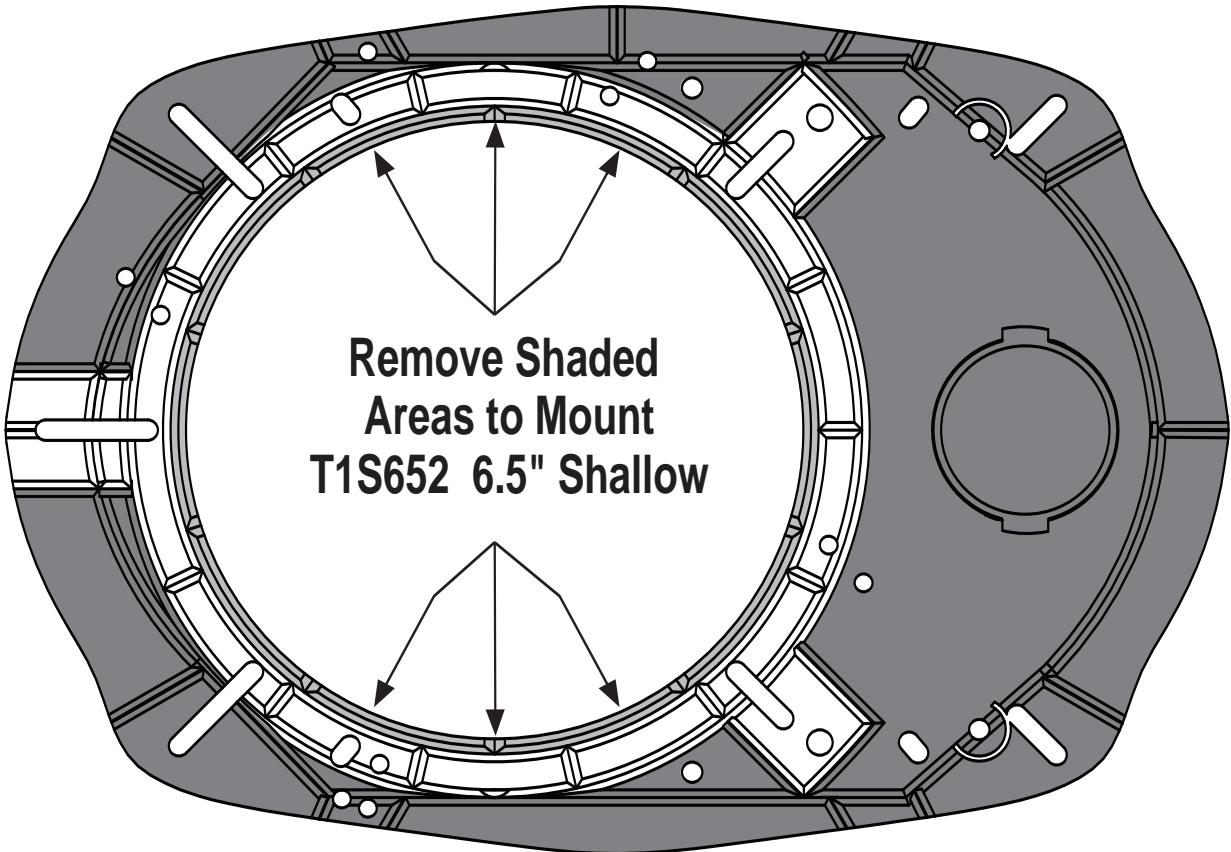
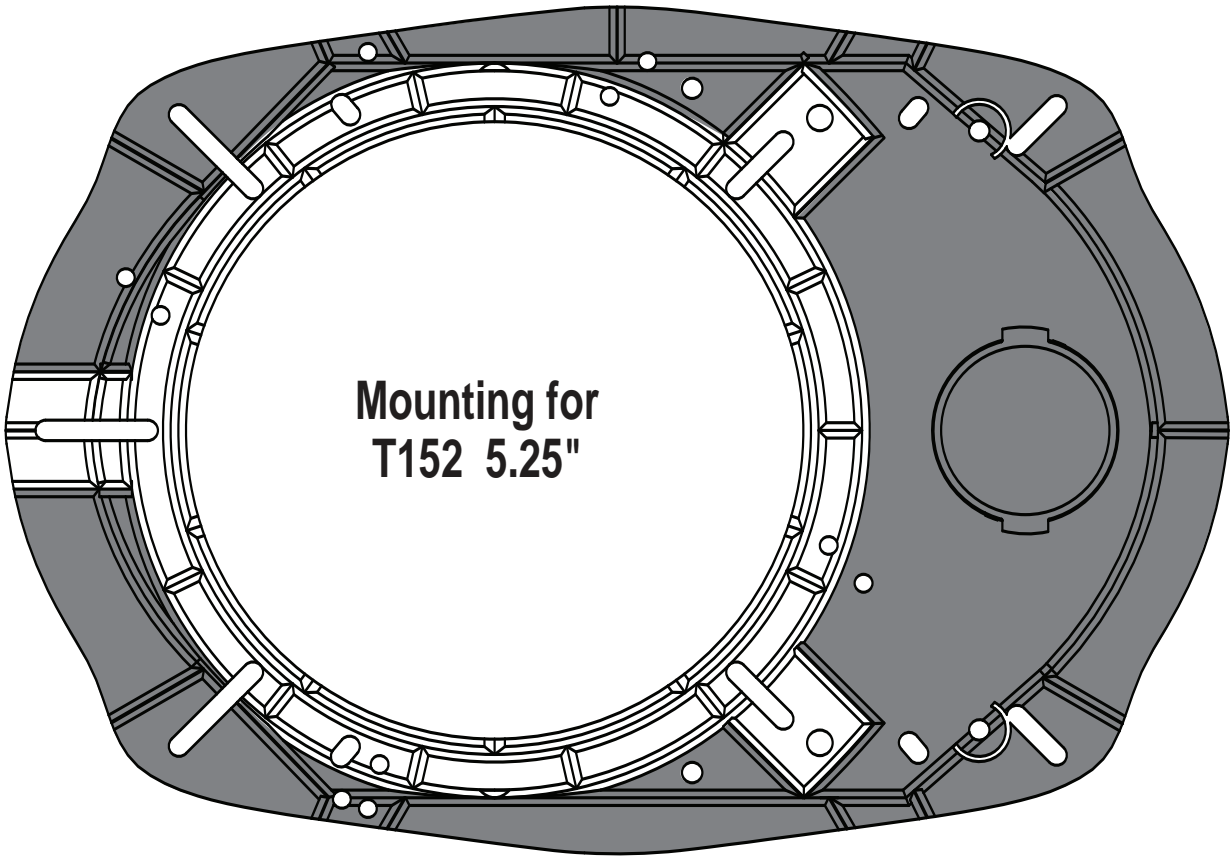
Remove Shaded Area From Adapter Plate for T152 Shallow Mount Spacer Plate



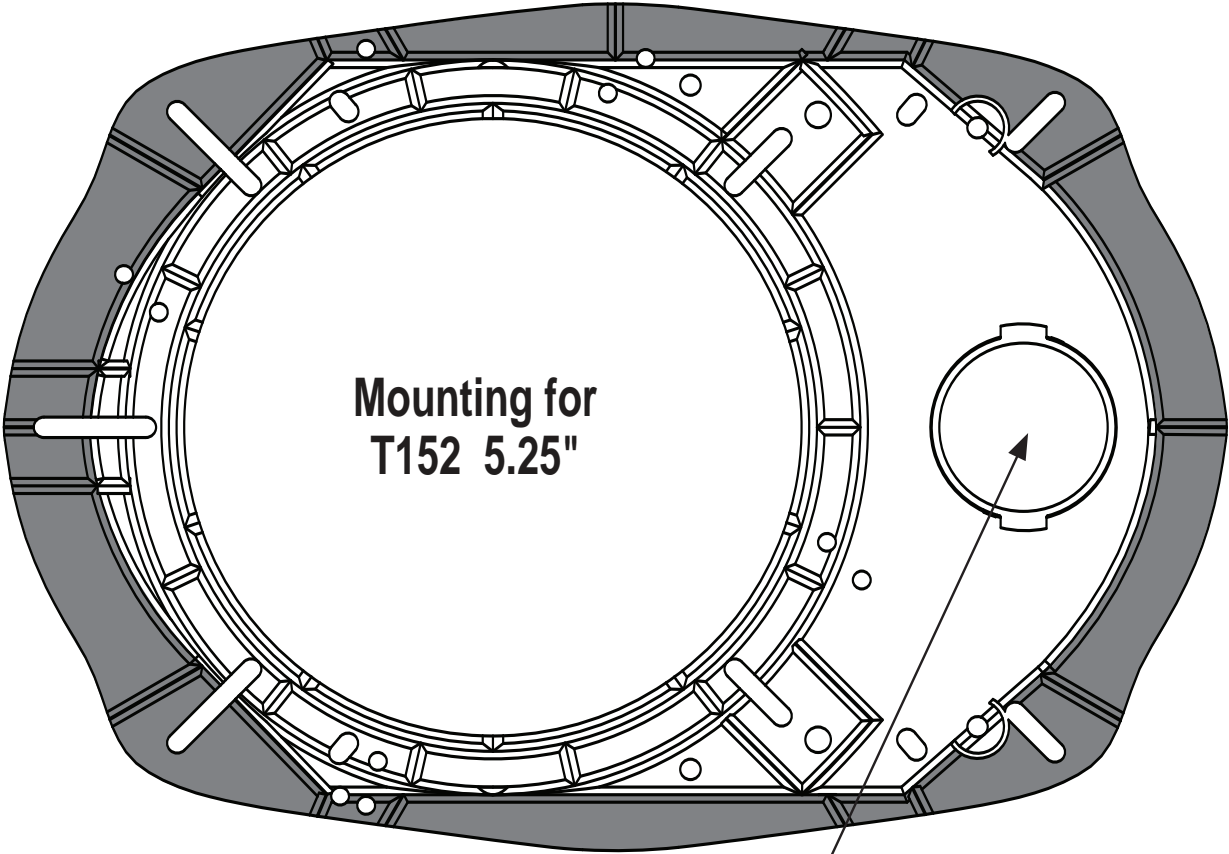
Adapter Plate Template
5"x7" Hole Mounting



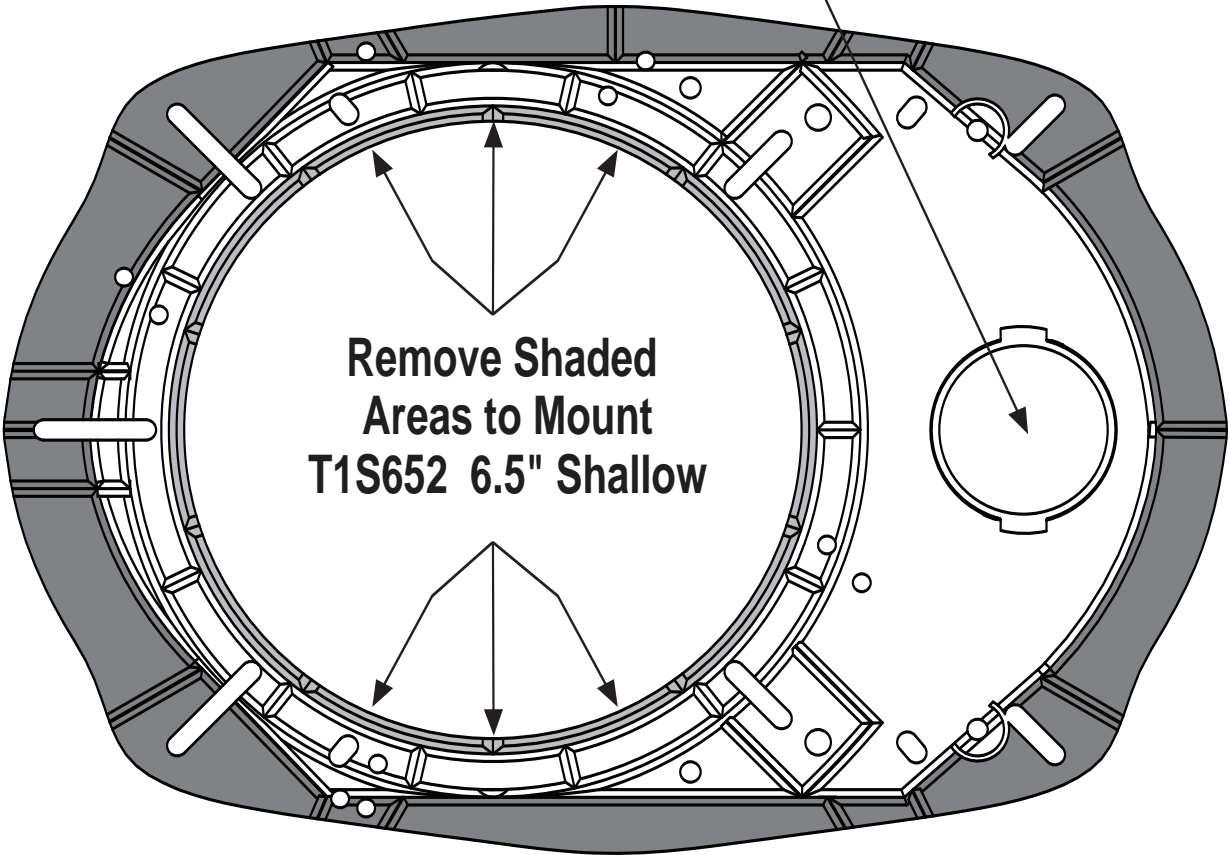
Adapter Plate Template – 6.5" Hole Mounting
Remove Dark Shaded Areas



**Adapter Plate Template – 6"x9" Hole Mounting
For 5"x7" Hole Mounting - Remove Dark Shaded Areas**



Remove For Optional Tweeter



**Adapter Plate Template – 6"x9" Hole Mounting
For 5"x7" Hole Mounting - Remove Dark Shaded Areas**

