

POWERPLANT

FULL RANGE SPEAKERS

PP-FR52520, PP-FR6520, PP-FR5720, PP-FR6920

Speaker Parameters

	PP-FR52520	PP-FR6520	PP-FR5720	PP-FR6920
Max Power Rating	160 Watts	240 Watts	200 Watts	280 Watts
RMS Power Rating	70 Watts	110 Watts	85 Watts	120 Watts
Frequency Response	60Hz - 22kHz	55Hz - 22kHz	60Hz - 22kHz	45Hz - 22kHz
Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Sensitivity	88 dB	91 dB	90 dB	92 dB
Mounting Depth	60 mm	65 mm	63mm	84mm
Mounting Diameter	125 mm	140 mm	185mm x 130mm	227 mm x 158 mm

Installation

Before any wiring and installation is performed, FUSION recommends you first plan the complete installation process. Look at the wiring routing, speaker location, and fitment. Make sure you recheck the installation at completion.

A correct front stage and stereo image can be achieved by proper speaker placement. Ideally, speakers need to be positioned where the sound produced is directed at the occupants of the vehicle. The adjustable tweeter on FUSION PowerPlant Full Range speakers is designed to make this easier.

Fusion speakers have been designed to fit in many stock or factory positions in the vehicle FUSION recommends a location with sufficient air volume behind the speaker, for it to work within its frequency range.

Installation Warning

1. Ensure the vehicle 12 volt lead is removed from the battery before any equipment is connected.
2. Investigate the vehicle gas tanks, brake lines, and electrical wiring locations before you begin installation.
3. Attach the product securely to the vehicle to prevent damage in the event of an accident.
4. Ensure all wiring is protected to avoid damage or pinching of the cables.

Installation Guidelines

1. Ensure there is adequate clearance and depth for the speaker to be mounted
2. Use the supplied template to mark out the correct diameter hole
3. Drill four holes for the mounting screws
4. Carefully study the mounting diagram before attempting to mount the speaker. Insert the speaker and grille frame and affix with the screws provided. Your PowerPlant speaker is provided with two choices of grille frame. The custom grille is screwed directly into the frame of the speaker (see diagram A on reverse side). For the mesh grille, first remove the mesh, then fit the speaker and screw the grille into place. The mesh is fitted last by simply pushing the tabs on the mesh into the self-locking slots in the grille frame. (see diagram B on reverse side).
5. Your PowerPlant full range speaker, features a unique new method of adjusting the listening angle of the tweeter, and it can be angled 15 degrees in any direction. Set the tweeter so that it faces, as near as possible, toward your ear. This will provide the clearest high frequency sound you can get. Once adjusted, the unique design of the tweeter ensures it will always stay in this position.

Diagram A - mesh grille

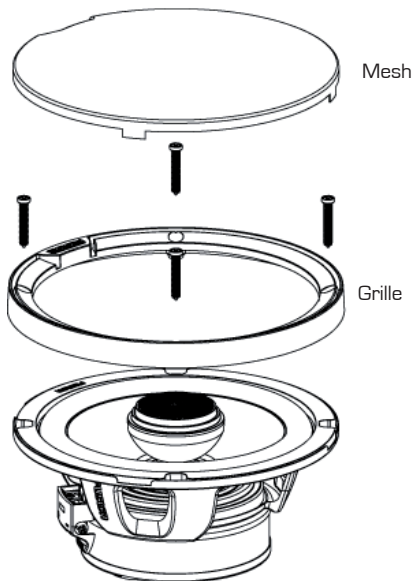
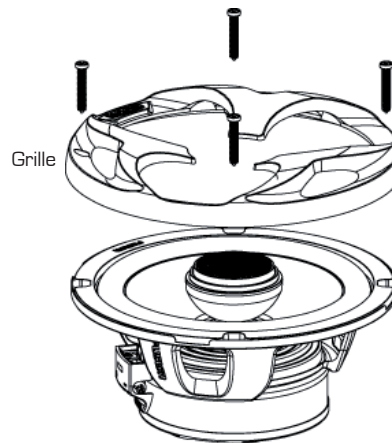


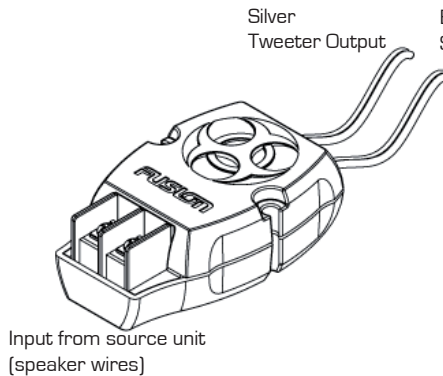
Diagram B - custom grille



Silver Tweeter Output
Black Speaker Output

Crossover Installation

1. Mount the external crossovers in a suitable location, close to the speakers.
2. Connect the speaker wires from the crossover to the speakers terminals on the speaker frame (black wires to the black terminal).
3. Connect the tweeter wires from the crossover to the tweeters terminals on the speaker frame (silver wires to silver terminal).
NB: Striped wire is Positive
4. Connect the head unit/source speaker wires to the crossover input terminals. Ensure you observe correct polarity by connecting the positive and negative wires to the corresponding terminals.



Input from source unit
(speaker wires)

WARNING: Do not drill mounting holes with speaker in place, as this could allow drill shavings to damage the voice coil.

Always ensure the audio system is turned off before making any connections to the amplifier, speakers, or source unit. Failure to do so could result in permanent damage to the audio system.

When wiring the speakers, ensure that the wire is protected from sharp metal objects, and always use rubber grommets when wire through metal panels. Ensure all terminals and connections are protected from the vehicle chassis and from each other.

When connecting the source unit/amplifier and speakers, connect the positive and negative output wire from the source unit/amplifier, to the corresponding crossover terminals. This will ensure the audio system will be in correct phase.

For further product and installation information please visit www.fusionelectronics.com

Para obtener más información sobre los productos o su instalación, visite www.fusionelectronics.com

Weitere Informationen zum Produkt und zur Installation finden Sie auf folgender Website: www.fusionelectronics.com

Ga naar www.fusionelectronics.com voor meer product- en montage-informatie

Pour plus de renseignements sur les produits et l'installation, veuillez consulter www.fusionelectronics.com

Per ulteriori informazioni su prodotto e installazione, potete visitare www.fusionelectronics.com

За дополнительной информацией о продукции и установке обращайтесь на www.fusionelectronics.com

YOU CAN HELP PROTECT THE ENVIRONMENT!
Please remember to respect the local regulations:
Hand in the non-working electrical equipment
to an appropriate waste disposal center.

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