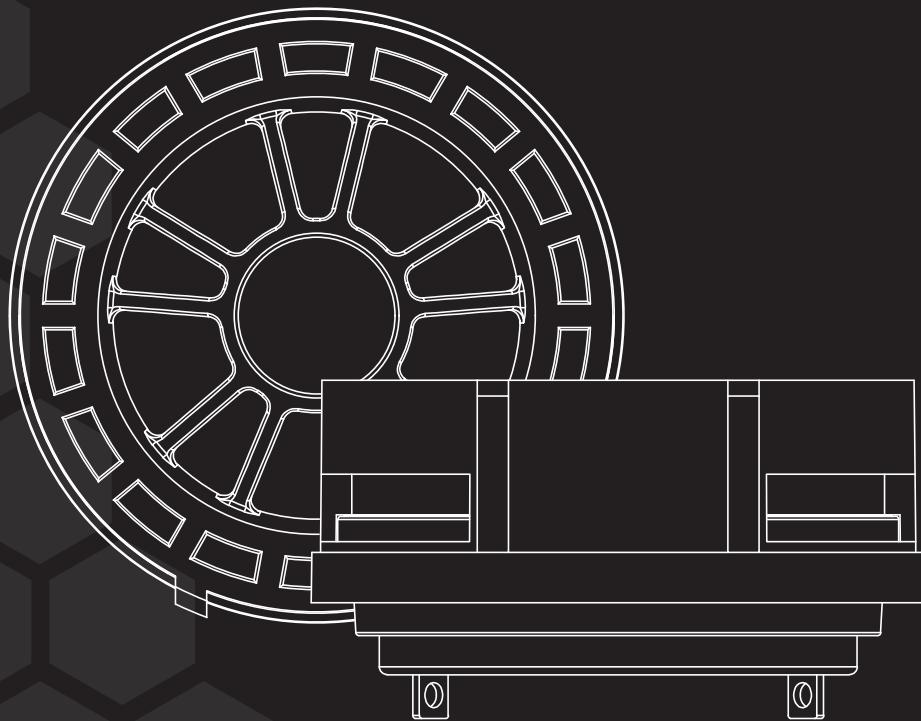


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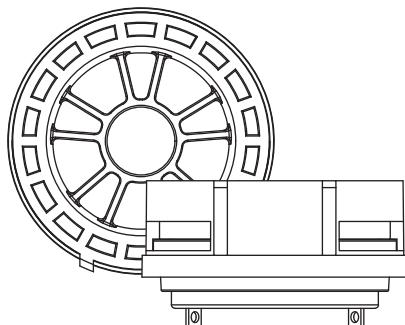


CRPP-TOT.25

User Manual
Toyota / Lexus



CRUISE



Welcome to DLS!

Thank you for purchasing the DLS Cruise CRPP-TOT.25 tweeter. For us, it's all about the sound experience. We care deeply about sound and construction quality. In order for your experience to be as optimal as possible, it is important that you fully read this manual, preferably before you start your installation. Keep the manual in a safe and accessible place for future reference.

Your tweeters must be installed correctly in order to work as intended. Make sure you have all necessary tools nearby before starting and that you are completely confident in how to proceed. If you feel the slightest uncertainty; feel free to take the help of an experienced installer or a car audio dealer.

Warranty

This tweeter is covered by warranty, depending on the conditions in the country where it is sold. If the tweeter is returned for service, please include the original dated receipt with the product.

DECLARATION OF CONFORMITY

DLS plug and play tweeters for vehicles are manufactured in accordance with the EU directive EEC 95/54 (72/245/ EEC) and are marked with the approval number. They are also marked in accordance with the WEEE-directive 2012/19/EC. The products are also produced in accordance with the EU RoHS directive 2015/863/EU.

DLS CRUISE CRPP-TOT.25

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DLS speakers are engineered by DLS Sweden,
a part of:

Winn Scandinavia AB
Idrottsvägen 37 - SE-702 32 Örebro - Sweden
Tel: +46 19 20 67 65 - E-mail: info@dls.se
www.dls.se

Designed & Sound tuned in Sweden.

Parts Included

Included products:

2pcs Tweeters
2pcs Crossovers

Included accessories:

2pcs Stainless steel Cruise logo badges
2pcs Flat bottom adapters
2pcs Tweeter connection cables
4pcs Adhesive foams for wrapping
2pcs Four-leaf clover foams for tweeter
4pcs Adhesive foam rings for tweeter
8pcs Terminal crimp connectors
1pc Manual

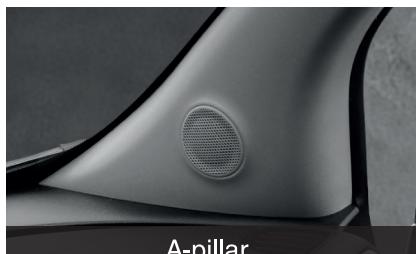
Installation

Tools needed

- Bit screwdriver
- Bit socket M10 wrench size
- Small flat head screwdriver
- Plastic pry tool (included)
- Rivet tool (in some cases)

Remove Tweeter

Locate the tweeter – Either in the A-pillar, dashboard or side mirror.



A-pillar



Dashboard

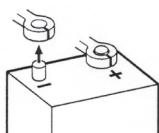


Side mirror

Pre-installation

Disconnect Battery

Before you start the process of replacing speakers, disconnect and secure the negative terminal from your battery/power source. This will prevent the risk of damaging yourself or the products.



Place the disconnected terminal in a secure and isolated location away from any possible connection belonging to the battery/power source system.

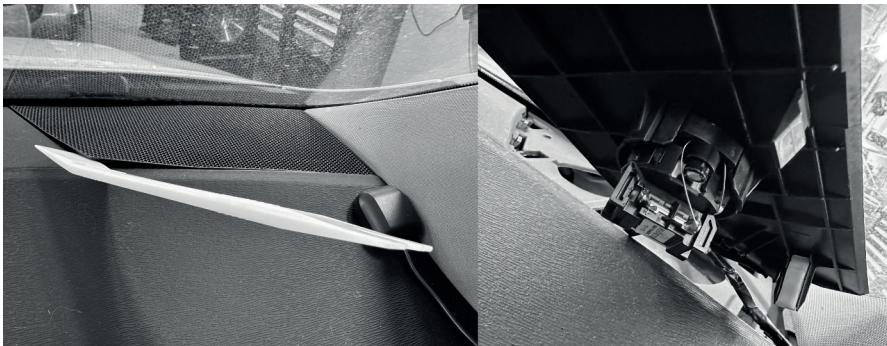
General Info

Some sound systems may vary in size of the door speaker. Before you start the assembly, make sure that your vehicle has the same size as this kit.

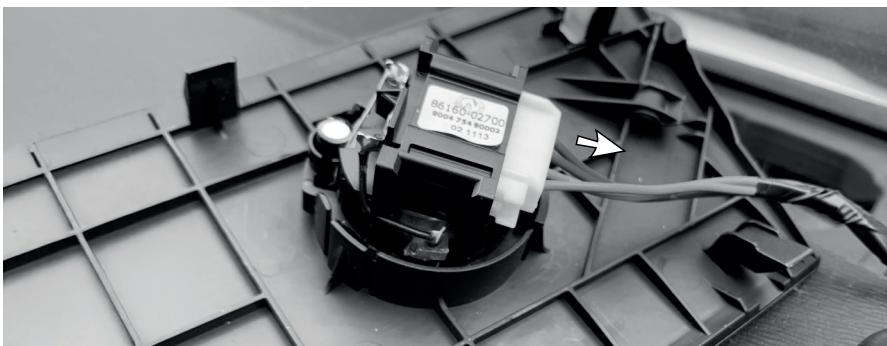
The installation process may vary depending on the car model, factory options and other factors. The approach is similar to all of the described car models. Some screws and clips may be placed differently and depending on if the tweeter is placed in the A-pillar or side mirror, the course of action may vary.

Take care when removing panels, so there will be no marks. Use plastic pry tools to avoid marks on the panels and damaging the plastic clips.

Start by removing the tweeter covers. Use plastic pry tools and be careful. The clips can be hard to remove. Take it easy and use minimal force. The instructions below show how to remove the dashboard tweeter.



Un-clip the speaker connector from tweeter.



The OEM tweeter is snapped into a holder in the Dashboard grille cover. Use a PRY tool or small flat head screwdriver to remove the tweeter.



Mount DLS Tweeter

Install the new DLS tweeter in the same way as the OEM tweeter. Make sure that the DLS tweeter is properly seated. For extra stability of the tweeter installation, the adhesive four-leaf clover foam pad can be used. Ensure that the DLS tweeter is installed firmly in place with no risk of movement.



For some models, the four-leaf clover needs to be adapted. Use a sharp scissor to adapt and modify it.

Make sure that the crossover gets in place behind the A-pillar, down under the dash or behind the door panel (if installed in the door). Add adhesive foam so that the crossover doesn't rattle against any plastic panel or metal.

Make sure that no screws or clips are left over, reconnect the battery/power source terminal.

Crossover Settings

Connect the crossover using the factory connector. Use the remaining wrapping foam to secure the crossover and cables.

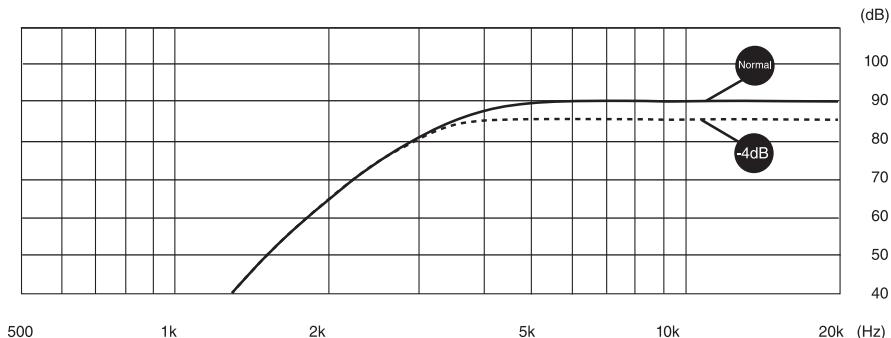


Tweeter Level

The yellow cable loop is a tweeter level selection, enabling fine tuning of the high-frequency sound.

- Closed loop = -4dB (Shown in the picture on the following page)
- Open loop = Normal (Shown in the picture on the following page)

By closing the loop as shown in the picture above, the tweeter gets less power in the higher frequencies, making the sound seem less intense. We recommend using the closed loop setup in installations where the factory tweeters are angled towards the listening position.



Run-in period

To ensure optimal performance from your tweeters, it's essential to allow for a proper run-in period. Fresh out of production, the moving parts like spider and suspension in a speaker can be stiff. A bit of exercise is necessary. Once they've had a chance to settle, you'll notice an improvement in sound quality.

Plan to let them play for a minimum of 15-20 hours. This can be achieved using a tone sweep or simply by playing music until they reach their intended performance.

Once the run-in period is completed the tweeters now provide a more natural and enhanced music experience.



DLS Support

For technical assistance, ask your car audio dealer where the product was sold or the distributor in your country. You can always contact the DLS Support in Sweden via e-mail: info@dls.se. For more information regarding DLS and our products, visit our website: www.dls.se. We follow a policy of continuous advancement in development. For this reason, all or part of specifications and designs may be changed without prior notice.

Specifications

Art. no	CRPP-TOT.25
Tweeter	1" / 25mm silk dome tweeter with accessories
RMS Power	50W
MAX Power	100W
Impedance	4 Ohm
Sensitivity	94dB 1W/1M
Freq. range	2000-25000Hz
Crossover	4800 Hz 12 dB / Oct with Mundorf caps

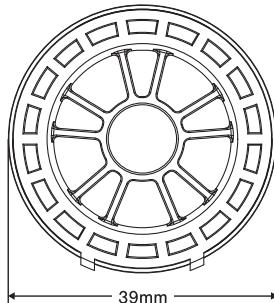
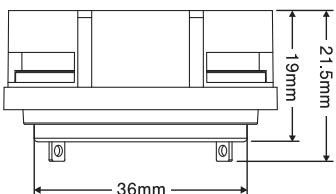
Technical specifications

Voice Coil Material	CCAW voice coil with aluminum former
Frame	Glass Fiber Reinforced ABS
Magnet	Neodymium with copper shorting ring
Cone	Natural silk dome
Attenuation	-4 dB / 0 dB

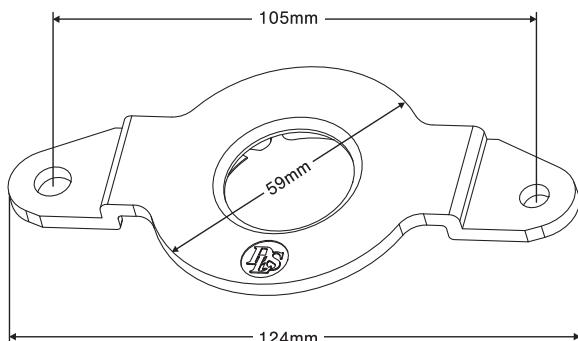
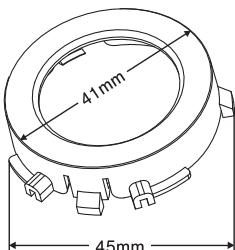
Electro-Acoustic Parameters

Re	3.5 Ohm
Fs	1992 Hz
Spl	94dB 1W/1M

Tweeter dimensions



Mounting accessories





Compatible Car Models

DLS Cruise CRPP-TOT.25

Make	Model	Year	Front tweeter	Rear tweeter
Toyota	Alphard AH20	2008-2015	-	CRPP-TOT.25
Toyota	Alphard AH30	2015-2022	-	CRPP-TOT.25
Toyota	Altis	2013-2018	CRPP-TOT.25	-
Toyota	Aqua	2012-2022	CRPP-TOT.25	-
Toyota	Auris	2006-2021	CRPP-TOT.25	-
Toyota	Avensis T25	2003-2009	CRPP-TOT.25	-
Toyota	Aygo	2014-2018	CRPP-TOT.25	-
Toyota	C-HR	2016-2019	CRPP-TOT.25	-
Toyota	C-HR	2019-2023	CRPP-TOT.25	-
Toyota	Camry V	1997-2001	CRPP-TOT.25	-
Toyota	Celica	2000-2005	CRPP-TOT.25	-
Toyota	Corolla IX/X Verso	2001-2012	CRPP-TOT.25	-
Toyota	Corolla XI	2013-2018	CRPP-TOT.25	-
Toyota	Corolla XII	2019-2023	CRPP-TOT.25	-
Toyota	Corolla Cross	2019-2023	CRPP-TOT.25	-
Toyota	Corolla GR	2022-2023	CRPP-TOT.25	-
Toyota	Crown SUV	2012-2016	CRPP-TOT.25	-
Toyota	Echo	2000-2005	CRPP-TOT.25	-
Toyota	Esquire	2014-2021	CRPP-TOT.25	-
Toyota	Etios Liva	2012-2012	CRPP-TOT.25	-
Toyota	Fortuner	2004-2012	CRPP-TOT.25	-
Toyota	Fortuner	2019-2023	CRPP-TOT.25	-
Toyota	Frontlander	2022-2023	CRPP-TOT.25	-
Toyota	GT86	2012-2016	CRPP-TOT.25	-
Toyota	GT86 II	2016-2021	CRPP-TOT.25	-
Toyota	GR86	2022-2023	CRPP-TOT.25	-
Toyota	Harrier II	1998-2013	CRPP-TOT.25	-
Toyota	Harrier III	2013-2020	CRPP-TOT.25	-
Toyota	Harrier IV	2021-2023	CRPP-TOT.25	-
Toyota	Highlander	2001-2007	CRPP-TOT.25	-
Toyota	Highlander III/IV	2008-2019	CRPP-TOT.25	-
Toyota	Hilux	2006-2019	CRPP-TOT.25	-
Toyota	Hilux	2020-2023	CRPP-TOT.25	-
Toyota	Innova	2015-2023	CRPP-TOT.25	-
Toyota	IQ	2009-2015	CRPP-TOT.25	-
Toyota	Izoa	2018-2023	CRPP-TOT.25	-
Toyota	Land Cruiser 100 series	2003-2007	CRPP-TOT.25	CRPP-TOT.25
Toyota	Land Cruiser 200 series	2008-2021	-	CRPP-TOT.25
Toyota	Levin	2018-2022	CRPP-TOT.25	-
Toyota	Matrix	2002-2014	CRPP-TOT.25	-
Toyota	Mirai	2015-2022	CRPP-TOT.25	-
Toyota	MR2	1997-2007	CRPP-TOT.25	-
Toyota	Nav 1	2012-2017	CRPP-TOT.25	-
Toyota	Noah X	2018-2023	CRPP-TOT.25	-
Toyota	Prius C	2012-2021	CRPP-TOT.25	-
Toyota	Prius C Crossover	2018-2022	CRPP-TOT.25	-
Toyota	Prius I	2001-2005	CRPP-TOT.25	-
Toyota	Prius II	2004-2009	CRPP-TOT.25	-



Make	Model	Year	Front tweeter	Rear tweeter
Toyota	Prius IV	2016-2022	CRPP-TOT.25	-
Toyota	Raize	2021-2023	CRPP-TOT.25	-
Toyota	Rav 4	2001-2018	CRPP-TOT.25	-
Toyota	Rav 4	2019-2023	CRPP-TOT.25	-
Toyota	Sequoia I	2001-2007	CRPP-TOT.25	-
Toyota	Sienna	1998-2004	CRPP-TOT.25	-
Toyota	Sienta	2015-2021	CRPP-TOT.25	-
Toyota	Solara I	1998-2003	CRPP-TOT.25	-
Toyota	SW4	2006-2018	CRPP-TOT.25	-
Toyota	Tundra II Double Cab	2000-2007	CRPP-TOT.25	-
Toyota	Urban Cruiser	2009-2014	CRPP-TOT.25	-
Toyota	Vellfire AH20	2008-2015	-	CRPP-TOT.25
Toyota	Vellfire AH30	2015-2022	-	CRPP-TOT.25
Toyota	Venza	2020-2023	CRPP-TOT.25	-
Toyota	Vios	2005-2018	CRPP-TOT.25	-
Toyota	Voxy	2018-2023	CRPP-TOT.25	-
Toyota	Vitz	2005-2018	CRPP-TOT.25	-
Toyota	Yaris/Vitz	2005-2011	CRPP-TOT.25	-
Toyota	Yaris/Vitz	2011-2020	CRPP-TOT.25	-
Toyota	Yaris/Vitz	2020-2023	CRPP-TOT.25	-
Toyota	Yaris IA	2015-2018	CRPP-TOT.25	-
Toyota	Yaris	2021-2023	CRPP-TOT.25	-
Toyota	Yaris Cross	2021-2023	CRPP-TOT.25	-
Toyota	Yaris GR	2021-2023	CRPP-TOT.25	-
Toyota	Wildlander	2019-2023	CRPP-TOT.25	-
Lexus	ES V	2002-2012	CRPP-TOT.25	-
Lexus	GS III	2006-2011	CRPP-TOT.25	-
Lexus	GS IV	2012-2020	CRPP-TOT.25	-
Lexus	IS	2001-2006	CRPP-TOT.25	-
Lexus	IS II	2006-2012	CRPP-TOT.25	-
Lexus	IS III	2012-2020	CRPP-TOT.25	-
Lexus	IS IV	2020-2022	CRPP-TOT.25	CRPP-TOT.25
Lexus	LM	2020-2022	-	CRPP-TOT.25
Lexus	NX	2015-2021	CRPP-TOT.25	-
Lexus	NX II	2021-2022	CRPP-TOT.25	CRPP-TOT.25
Lexus	RX	1998-2003	CRPP-TOT.25	-
Subaru	BRZ	2012-2021	CRPP-TOT.25	-
Subaru	BRZ II	2021-2023	CRPP-TOT.25	-
Subaru	Forester III	2008-2013	CRPP-TOT.25	-
Subaru	Impreza III	2007-2014	CRPP-TOT.25	-
Subaru	Impreza IV	2014-2019	CRPP-TOT.25	-
Subaru	Legacy V	2009-2014	CRPP-TOT.25	-
Subaru	Legacy VI	2015-2019	CRPP-TOT.25	-
Subaru	Outback IV	2012-2014	CRPP-TOT.25	-
Subaru	WRX/STI	2014-2017	CRPP-TOT.25	-
Subaru	WRX/STI VA	2018-2021	CRPP-TOT.25	-
Suzuki	Across	2020-2023	CRPP-TOT.25	-
Suzuki	Swace	2020-2023	CRPP-TOT.25	-



Make	Model	Year	Front tweeter	Rear tweeter
Scion	FRS	2012-2016	CRPP-TOT.25	-
Scion	IA	2015-2018	CRPP-TOT.25	-
Scion	IQ	2008-2015	CRPP-TOT.25	-
Scion	IM	2016-2023	CRPP-TOT.25	-
Scion	TC	2004-2016	CRPP-TOT.25	-
Scion	XA	2004-2009	CRPP-TOT.25	-
Scion	XB	2004-2015	CRPP-TOT.25	-
Scion	XD	2009-2014	CRPP-TOT.25	-
Citroen	C1	2014-2022	CRPP-TOT.25	-
Peugeot	108	2014-2021	CRPP-TOT.25	-
Pontiac	Vibe	2003-2010	CRPP-TOT.25	-

Disclaimer

Note! The factory sound system (for example speaker impedance) may in rare occasions be changed without prior notice from the vehicle manufacturer. If the factory speaker is below 2 Ohm or above 6 Ohm impedance, you should be cautious before installing your new speakers. The new speakers may not function properly, and can cause harm to the factory amplifier. For more information, visit www.dls.se or consult your local DLS dealer.

Product markings



The crossed-out wheelie bin symbol means that the product, literature and packaging included must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority.



This product has been granted with the CE certification mark to show that the product follows the health, safety, and environmental protection standards for products sold within the European Economic Area (EEA).



DLS products complies with the relevant provisions of the RoHS Directive for the European Union. In common with all Electrical and Electronic Equipment (EEE) the product should not be disposed of as household waste. Alternative arrangements may apply in other jurisdictions.



DLS is a global partner of the European Mobile Media Association, an organisation that focus on promoting the custom made mobile media installations to consumers.

We follow a policy of continuous advancement in development. For this reason all or part of specifications & designs may be changed without prior notice. We reserve for possible typos, factual or numeric errors that may have been printed on any products, package designs, user manuals and/or other included accessories.



CRUISE