



Installation Guide

Mercedes Benz

IR-MBZ42
IR-MBZ42-CTR
IR-MBZ4INT
IR-MBZ4INT-CTR
MBZSUB82-1L
MBZSUB82-2L

Dear Customer,

Thank you for choosing Morel for your car audio speaker solution.

Morel prides itself on engineering and producing the best high-fidelity speaker systems.

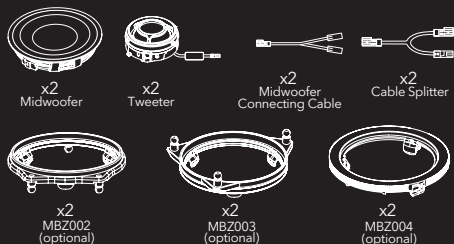
We hope you enjoy your Integration Reference speakers for years to come.

If you have any questions, please contact your Morel dealer or Morel support at:

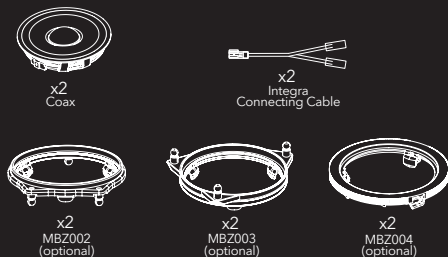
www.morelhifi.com

Components

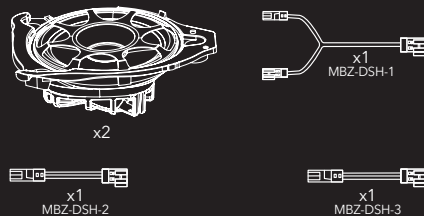
Component System



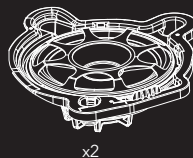
Integra System



MBZSUB82-1L

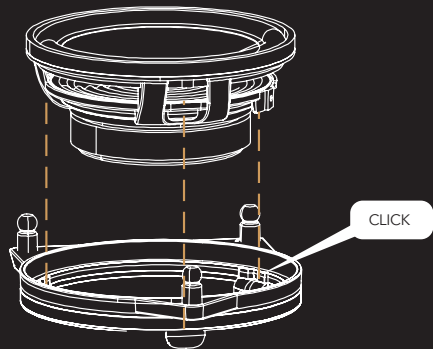


MBZSUB82-2L

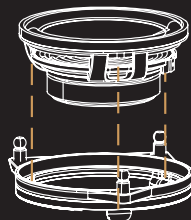


Component Woofer and Coax Adapter Assembly

Assembly Overview

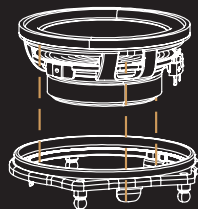


Configuration A



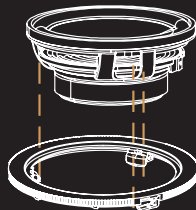
MBZ002

Configuration B



MBZ003

Configuration C



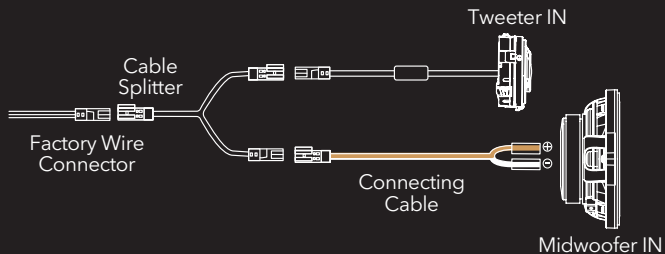
MBZ004



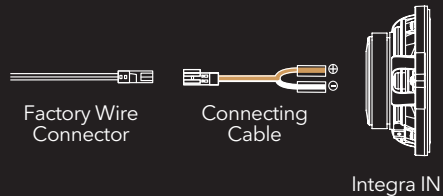
Scan for vehicle-specific
compatibility information

Speaker Connection

IR-MBZ42 / IR-MBZ42-CTR Component System

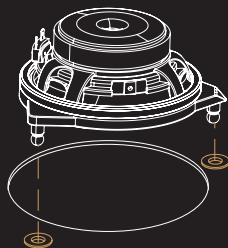


IR-MBZ4INT / IR-MBZ4INT-CTR Integra System

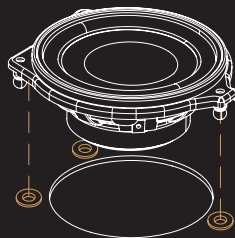


Speaker Installation

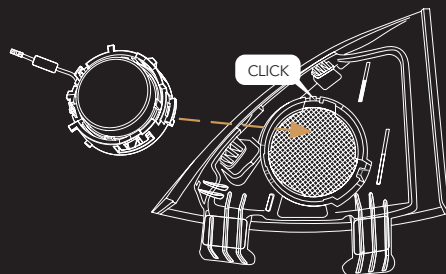
4" Configuration A



4" Configuration B

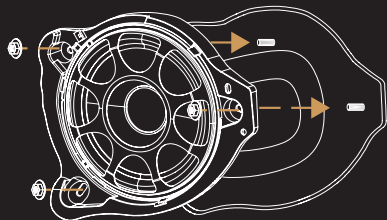


Tweeter

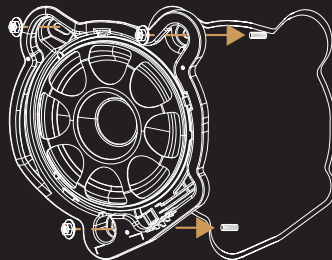


Subwoofer Installation

MBZSUB82-1L

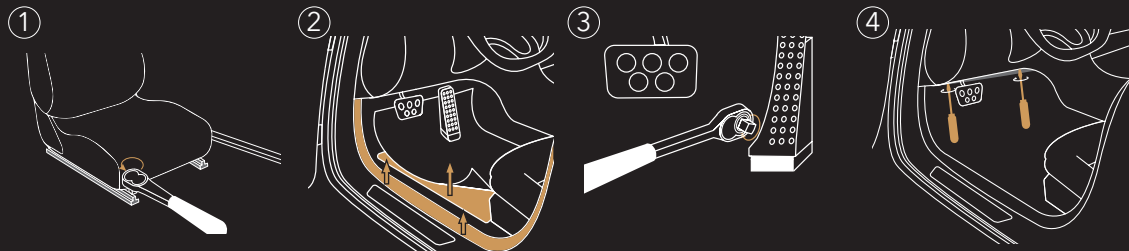


MBZSUB82-2L

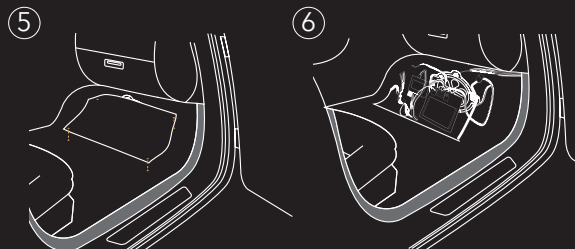


Subwoofer Installation

Driver side

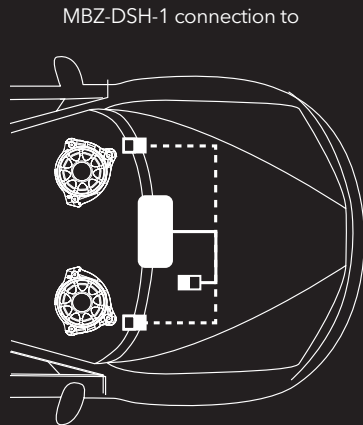
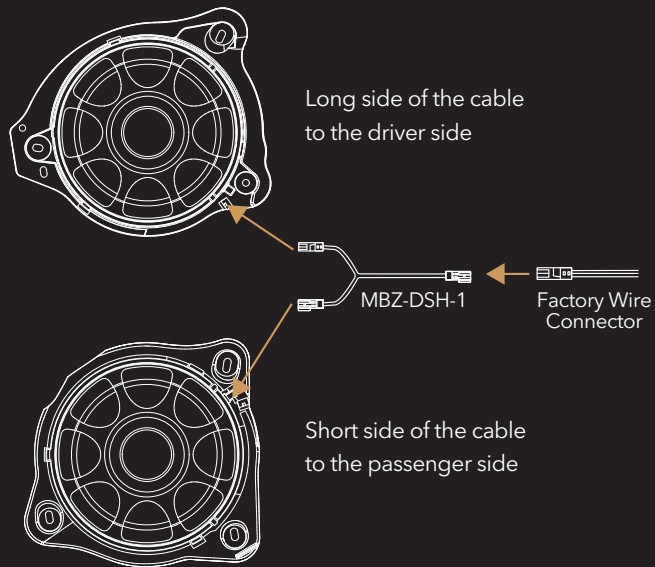


Passenger side



Subwoofer Installation-MBZ-SUB82-IL

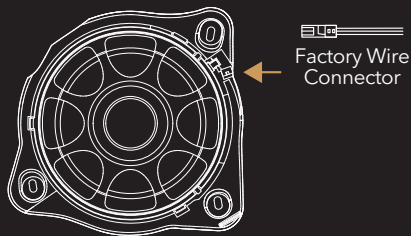
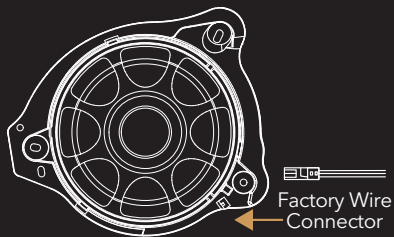
Single OEM Subwoofer to Dual Morel Subwoofer Wiring



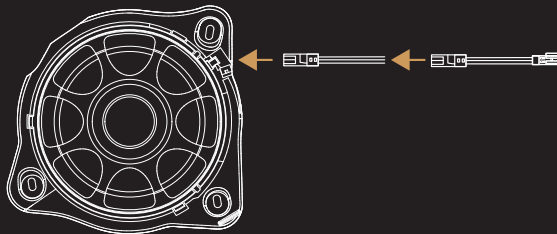
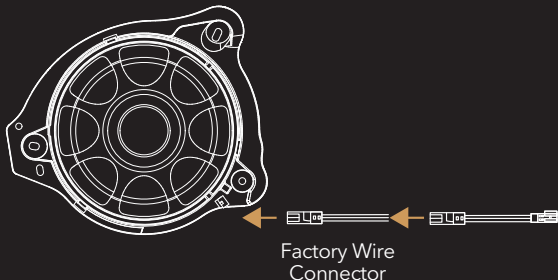
Subwoofer Installation-MBZ-SUB82-IL

Dual OEM Subwoofer to Dual Morel Subwoofer Wiring

For vehicles with two factory subwoofers, the OEM harness directly into our subwoofers



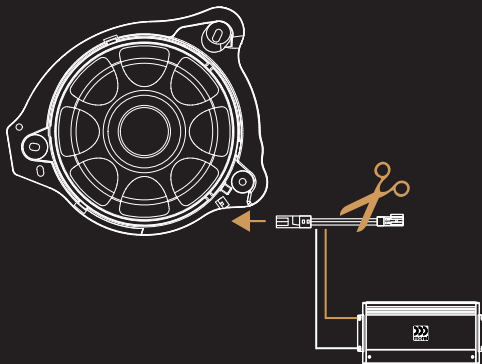
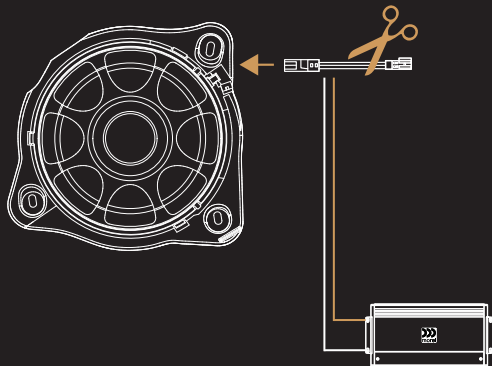
Use MBZ-DSH-2 and MBZ-DSH-3 to extend the OEM harness to fit to connector



Subwoofer Installation- MBZ-SUB82-1L

In case of using aftermarket amplifier

Use MBZ-DSH-2 or MBZ-DSH-3 harness



Specifications

SYSTEM	IR-MBZ42 / IR-MBZ42-CTR	IR-MBZ4INT / IR-MBZ4INT-CTR	MBZSUB82-1L / MBZSUB82-2L
Nominal Impedance (ohm)	4	4	2
Power Handling Wrms	100	80	150
Max. Trans. Pwr Handling Wrms	300	250	500
Sensitivity (2.83 V/1M) dB	92	90	85
Frequency response Hz	50-25000	80-20000	20-600
Magnet System	Neodymium	Neodymium	Neodymium
Cone Material	W:DPC / T:Acuflex Soft dome	W:Composite cellular fiber / T:Acuflex Soft dome	Carbon

CROSSOVERS	TWEETER
Crossover Point	2700Hz/12dB (highpass)

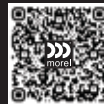
* Morel operates a policy of continuous products design improvement, consequently specifications are subject to alteration without prior notice



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Scan for vehicle-specific
compatibility information