

3-way sound system Mercedes Sprinter (65740)

(for vehicles with/without front blind , only for vehicles without cover flaps on the dashboard/storage compartment)

Model/year of manufacture: Sprinter VS30 from 2018 (Type W907 / W910)



Packing list:

1x mid-high module incl. acoustic fabric cover (left & right), covered
2x »XE26« neodymium softdome tweeter Ø 26mm
2x »XE80« midrange driver Ø 80mm
2x »XM165« low-midrange driver „Power-Woofer“ Ø 165mm
2x mounting ring for „XM165“ with M4x16 premounted on woofer
2x mid-high crossover incl. cable assembly (Art.-No.: 7000 FW)
1x mounting set - Mercedes Sprinter art.-no.: 65740
1x cable crossover for center speaker jacketed
2x Low-frequency crossover

Mounting kit part no. 65740: Mid-tweeter module dashboard

2x Spax screw 4x25
2x spax screw 4x55
2x spax screw 4x70
2x collar screw 3.9 x 16 mm



Required tools

Phillips screwdriver
Torx screwdriver (TX 20/25/30)
Cutter knife (sharp!)
insulating tape
Hot air dryer
Plastic wedge

Installation video for the center crossover
watch on youtube:



Recommendation:

In order to achieve the full sound performance of the sound system, we recommend Sound Package I, which, with the additional amplifier and subwoofer, which significantly increases the sound performance of the system.

General installation instructions - must be observed!



Radio settings:

- To achieve the best sound, all settings on the radio (bass, treble, loudness, equalizing, etc.) should be set to ZERO or OFF.

Installation Notice:

To avoid vibration noise, secure all cable harnesses with insulating tape or similar.

Cable routing / connection scheme 3-way without amp+ subwoofer



Tweeter »XE 26«

Mounting in the dashboard in the mid-high module, pre-installed.

Midrange »XE 80«

Mounting in the dashboard in the mid-high module, pre-installed.

Woofers »XM 165«

Mounting in the vehicle door panels.

Crossover

MHT crossover vehicle-specific
Mounted behind the A-pillar trim on the side of the dashboard cavity.

Center Speaker

1. general dismantling

1.1. door panels



- Remove screws 1-6 ● (see fig. A)
- Lever out the door trim starting from the side and working upwards ● paying attention to the trim clips
- Disconnect the factory woofers and remove them from the door panel (see fig. B)

1.2 Dismantle factory tweeter, connect and mount mid-tweeter module



- Remove the original tweeter cover with a plastic wedge from the front. (see fig. A) ○
- Remove Mercedes tweeter, disconnect original connection cable (see fig. B).



- Loosen screw from cover (see fig. C)
- Unclip cover -> loosen starting from outside (see fig. D)



- Remove the two cupholder/storage compartment screws located under the disassembled cover (see fig. E & F).

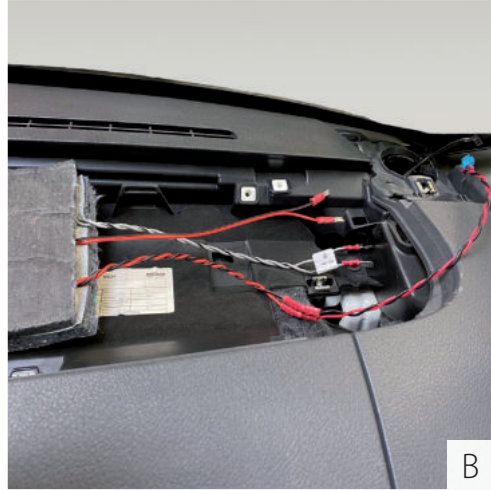


- Dismantle cupholder/storage compartment -> use wedge and loosen part starting from outside (see fig. G)

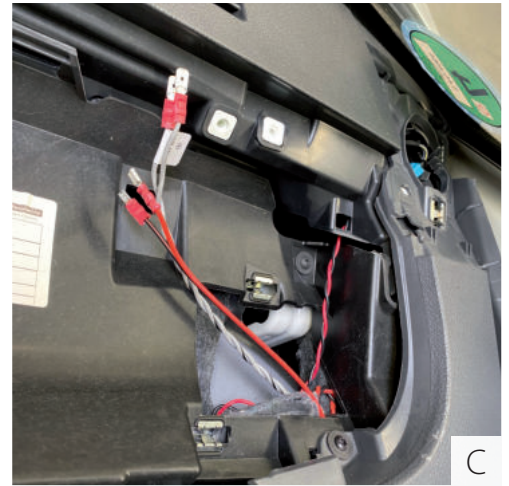
2. Assembly of the crossovers



A

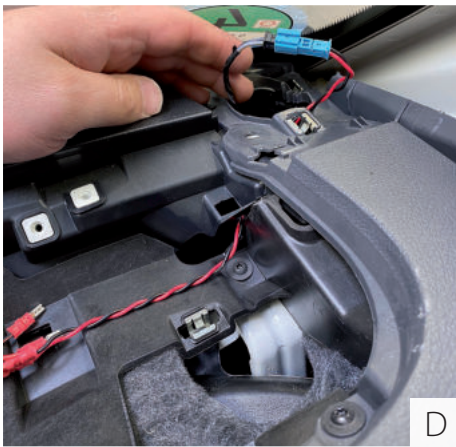


B



C

- Wrap mid-high crossover in damping fleece (see fig. A).
- Place crossover (fig. A) in indentation of storage compartment and route tweeter connection through original tweeter hole and connect with cable (see fig. C and D).



D

- Drill a 10 mm hole in the center of the cupholder/storage compartment -> ideally use a step drill.
- Feed the midrange and tweeter speaker cables from below through the drilled hole and check the position of the storage compartment. (see fig. E)



E

3. Mounting the mid-high modules in the dashboard (only suitable for vehicles with storage compartment without cover flap)



- When the cables have been properly routed through the hole (no excessive tension) insert both screws of the cupholder storage compartment and tighten them (see fig. A/B)



- Clip the tweeter cover strips back in place and tighten the screw on the outside (see fig. C).
- Mount original HT cover (see fig. D)

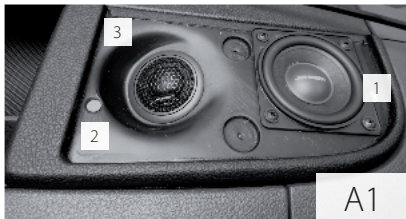


- Place the mid-high module on the discard tray and connect the tweeter and mid-range driver so that they are short-circuit-proof (see fig. E and F).

4. mounting of the midrange/tweeter modules in the dashboard incl crossovers (only suitable for vehicles with storage compartment without cover flap)



- Screw down MHT module ->outside: Spax 4x25mm, inside: Spax 4x55mm (see fig. A/A1/A2)



- | | |
|---|-------------|
| 1 | Spax 4 x 25 |
| 2 | Spax 4 x 55 |
| 3 | Spax 4 x 70 |

Fig.: Mid/high module passenger side



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- Re-attach the midrange speaker using the 3 pre-assembled **3.9x13mm collar screws**.
- Fix the loudspeaker and the moulded part to the dashboard in the rear corner using a **3.9 x 16 mm collar screw** (see fig. B)
- Check tight fit, then fit acoustic fabric cover and press on firmly (Velcro disc) (see fig. c)

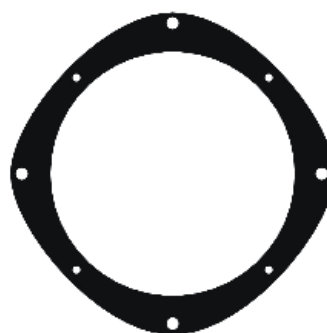
5. woofer mounting in the car doors

5.1 Recommendation: Insulation of the door lining



- Line the door panels from behind with Alubutyl. see (fig. A), then glue insulating fleece over the entire surface. see (fig.B)

5.2 Preparation of door panels and mounting woofer incl. mounting ring



- Remove the original radius ● (see fig.C) flush with the plastic ring using a multitool or similar.
- Position and mount the woofer incl. mounting ring with the factory screws at the factory speaker cutout on the door panel, see (fig.E).

Mercedes from 2018
Fix plastic ring (fig. D) with original
screws- Mount woofer crossover
on the door.

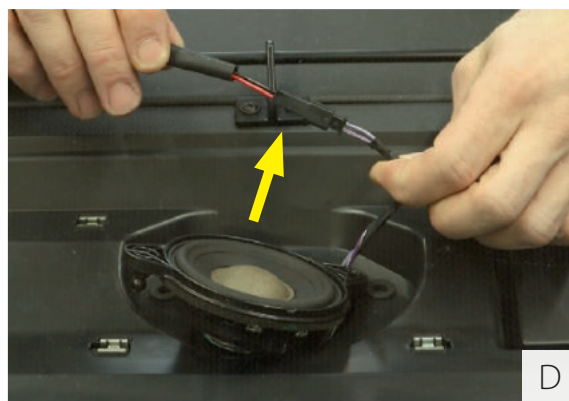


- Attach the woofer crossover to the back of the door panel (with glue), make sure that it does not generate vibrations.
- Connect the crossover output to the woofer, place the door panel on the body, connect the original woofer cable to the crossover and mount the panel on the door body(see fig E) (Attach all screws).

6. Attenuation of the center speaker in the dashboard

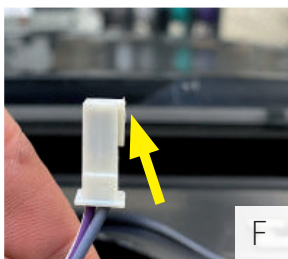
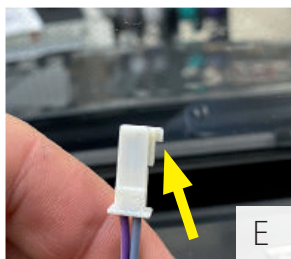


- Dismantle original cover (see fig. A)
- Lever out loudspeaker (see fig. B)

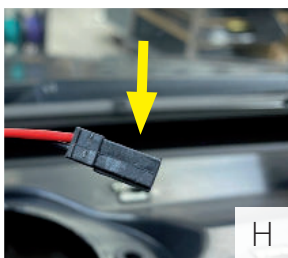
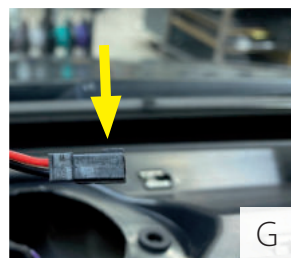


- Disconnect the purple-white marked cable, insert the cable switch (fig. C) and reconnect the loudspeaker (see fig. D).
- finally reinsert loudspeaker and clip in cover

**Attention: On some vehicles the original Mercedes connectors have been swapped.
In this case, the connector must be modified as follows:**




- If the factory speaker connector has a pin on the end of the plug (see Fig. E), carefully separate it with a knife (see Fig. F).




- Repeat this for the connector of the Jehnert Center crossover (Fig. G/H) so that the connection fits between the crossover and the factory connection cable.

Note: keep the radio playing while unplugging the center speaker. No sound should be played, otherwise the emergency system has been interrupted.

Mercedes Sprinter W907 / W910 from 2018, Cab System	Assembly instruction Status: 30.01.2024	
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JEHNERT
Sound Design
A U T O M O T I V E

Notes:

Warranty:

As the manufacturer, we warrant these sound systems for 2 years from the date of purchase from the dealer. Within this warranty period, we will, at our option, repair or replace free of charge all defects that are due to material or manufacturing faults. Excluded from the warranty are damages caused by improper use or installation, wear and tear or interventions by third parties.

The warranty does not cover consequential damage or defects that only insignificantly impair the value or usability of the sound systems.

A warranty obligation is not triggered in the case of damage caused by external influences. Systems with additional or incorrect mounting holes are excluded from exchange. These are damages to the components that cannot be repaired.

If you have any questions, please do not hesitate to contact our team in Pliezhausen:

JEHNERT SOUND DESIGN

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