

## 3-way sound system Mercedes Sprinter (65730 / 65780)

(for vehicles with and without front blind)

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



incl. retractable roller blind



without retractable roller blind

### Packing list:

1x mid-high module (left & right) Mercedes Sprinter, covered  
2x acoustic cloth cover for midrange/tweeter module  
2x »XE26« neodymium softdome tweeter Ø 26mm  
2x »XE55« midrange driver Ø 55mm incl. remis  
»X80« midrange driver Ø 80mm without remis  
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.: 65780 FW-MHT)  
1x mounting template for 65780 or 65730  
1x mounting kit - Mercedes Sprinter art.-no.: 65780 / 65730  
1x cable crossover for center crossover speaker jacketed



### Mounting set art. no. 65730 incl. remis:

2x countersunk screw M4 x 12  
4x countersunk screw M4 x 20  
4x countersunk screw M4 x 40  
2x countersunk screw M4 x 30  
12x self-locking nut M4  
12x washer 4,3 x 12

### Mounting set art. no. 65780 without remis:

4x spax screw 3.5 x 25mm  
2x spax screw 3.5 x 40mm  
6x M4 nut  
6x washer Ø4mm

### Required tools

Hole saw 70mm (alternative: jigsaw)  
Hole saw 48mm (alternative: jigsaw)  
Phillips screwdriver  
Torx screwdriver (TX 20/25/30)  
Cutter knife (sharp!)

Hot glue gun  
Hot air dryer  
Plastic wedge  
insulating tape  
white marker

Watch how to install the center crossover on youtube:



### Recommendation:

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

### 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.

## **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.



### Tweeter »XE 26«

Mounting in the A-pillar in the mid-high module, pre-installed.

### Midrange »XE 80«// »XE 55«

Mounting in the A-pillar in the mid-high module, pre-installed.

### Woofers »XM 165«

Mounting in the vehicle door panels.

### Crossover

MHT crossover vehicle specific

Mounting behind the A-pillar trim laterally in the cavity of the dashboard.

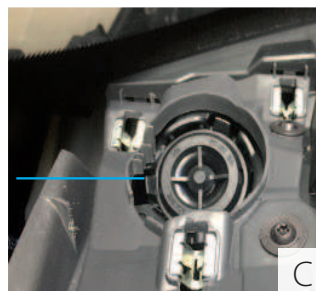
## 1. General disassembly

### 1.1. Door panels



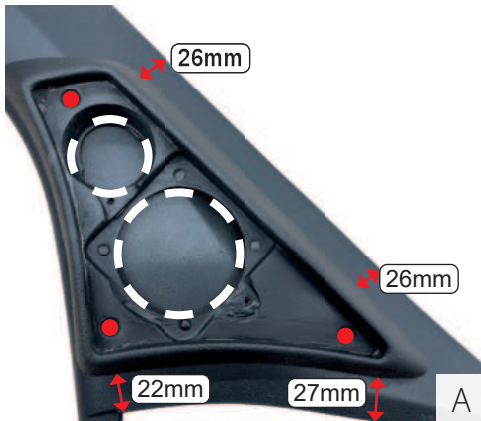
- Remove screws 1-6 ● (see Fig. A)
- Lever out the door trim starting from the side and working upwards ● aushebeln, paying attention to the trim clips
- Disconnect factory woofers and remove from door panel (see fig. C)

### 1.2 Dismantle A-pillar panels and tweeter, prepare mid-high crossover, connect and mount.

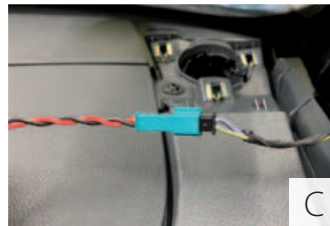
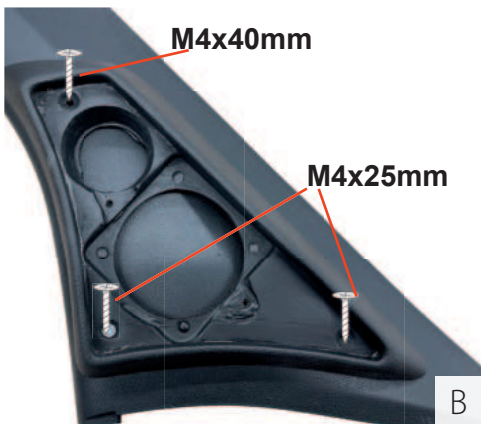


- Remove screw cover ● from top of A-pillar trim and disassemble screws. (see fig. A)
- Dismantle A-pillar trim starting at points ● with plastic wedge, (detach from body). (see fig. A)
- Dismantle original tweeter cover with a plastic wedge from the front. (see fig. B)
- Remove Mercedes tweeter, disconnect original connection cable and lead it under the dashboard to the A-pillar. (see fig. C)
- Connect MHT crossover input with original Mercedes tweeter connector. Connect midrange and tweeter output cables from ● crossover between dashboard and A-pillar ● for later connection of tweeters and midrange drivers in case of A-pillar panel mounting (see Fig. D)

## 2. mounting of the mid-high modules without blackout blinds incl. crossovers on the A-pillar panels



- Place the moulded part on the A-pillar trim with the specified spacing. (see Fig. A)
- Mark the screw holes and speaker openings
- Pre-drill the holes with a 5mm drill bit and cut out the holes for the speakers with a multitool or Dremel.

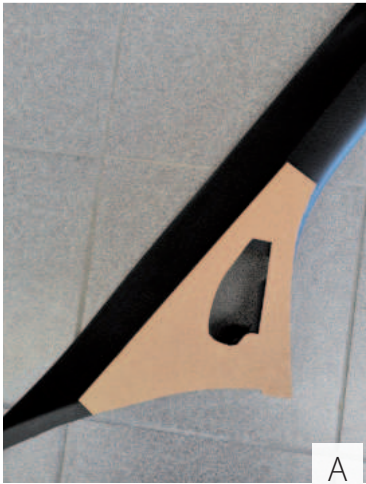


- Place the moulded part on the A-pillar trim. ATTENTION: Moulded part must fit tightly all round!
- Fit the moulded part to the A-pillar trim using the screws provided. (See Fig. B)  
CAUTION: Do not overtighten, otherwise the plastic of the A-pillar will warp! Secure nuts with hot glue or similar!
- Plug the loudspeaker connection into the original loudspeaker plug. (Fig. C)
- Fit the mid-range loudspeakers with the pre-assembled screws.
- Fit the A-pillar in its original position.
- Carefully press the acoustic fabric cover into the moulded part. (Fig. D)



### 3. mounting of the mid-high modules with blackout blinds incl. crossovers

#### 3.1. preparation and mounting of the mid-high modules to the A-pillar panels



- Place the enclosed template exactly on the lower edge of the A-pillar trim (see Fig. A), mark the cut-out with a white mark with a white sharpie and then cut out with a fine (multi) cutter.
- Place the molded part on the cutout and secure it in place (see Fig. B). the inner edge of the trim ● and mount the molded part to the A-pillar trim with the screws supplied using the screws supplied and secure from behind using the sheet metal nuts supplied.
- Carefully press the loudspeaker cover grille into the molded part and ensure a flush fit on the leather edge. (see Fig.C)

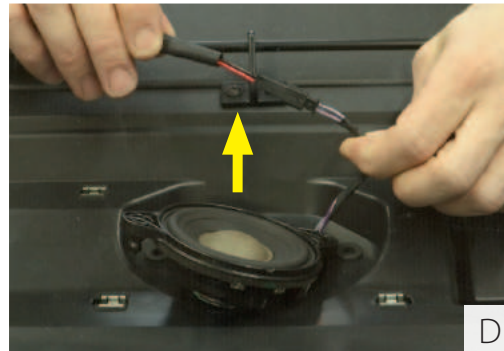


- Connect the tweeter and midrange output cables of the crossovers with the connection cables of the tweeters and midrange drivers.
- Then wrap the crossovers in damping material, thus securing the circuit board against short-circuit and insert ● it laterally between the A-pillars and the dashboard. (see fig. A,B)
- Secure crossovers with cable ties on the sides (e.g. on original cable harnesses) to prevent them from falling down.
- Then insert A pillar trim into the specified recess on the side of the dashboard ● (see fig. C and D), guide with light pressure to the car body and press the plastic clips exactly into the given car body holes. (ensure correct hold)

## 4. Attenuation of the center speaker in the dashboard

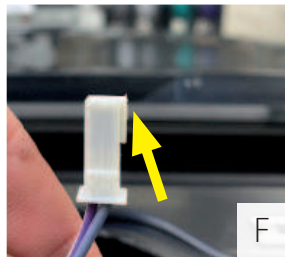
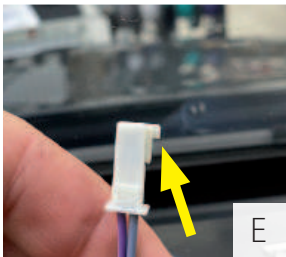


- Dismantle original cover (see fig. A)
- Lever out loudspeaker (see Fig. B)

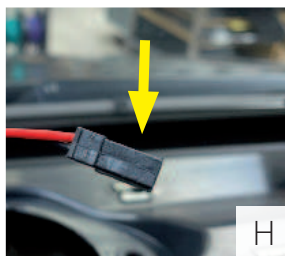
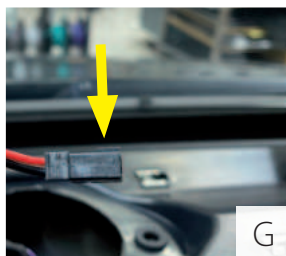


- Disconnect the purple-white marked cable, insert the cable switch (Fig. C) and reconnect the loudspeaker (see Fig. D).
- Finally, reinsert the loudspeaker and clip in the cover.

**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.



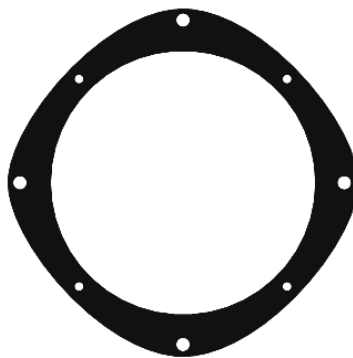
## 5. woofer mounting in the car doors

### 5.1 Recommendation: Insulation of the door lining

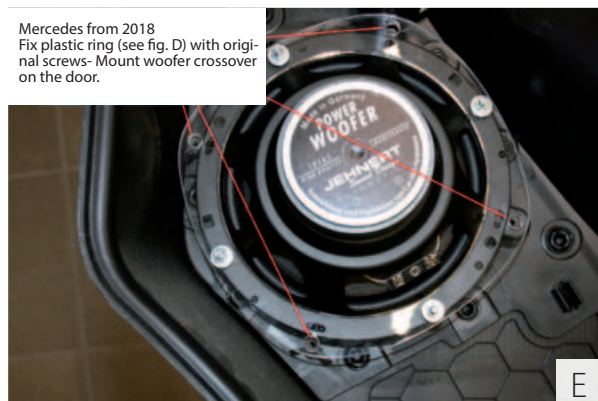


- Line the door panels from behind with Alubutyl. see (Fig. A), then glue insulating fleece over the entire surface. (see Fig. B)

### 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).



- Mount (glue) the woofer crossover on the back of the door panel, making sure that it does not generate vibrations.
- Place the door panel on the body, connect the original woofer cable to the woofer and mount the panel to the door body. (Attach all the screws).

## 6. assembly

### All assembly :

- Laying out Mercedes rubber mat in the footwell
- All dismantled covers in the footwell can be mounted again
- Refit the glove box and side covers
- Screw or install other disassemblies again

## Notes:

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

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