



# Sprinter: Standard Antenna Modification

## Technical Bulletin UM906-31

EVS Charleston, 12/08/2017  
Mercedes-Benz Vans, LLC

Mercedes-Benz



# Notice

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This bulletin is not intended to serve as a work instruction, but merely to provide some helpful information for upfitters to take into consideration before retrofitting or modifying a Mercedes-Benz or Freightliner Sprinter.

Prior to making any modification to or installing any equipment in or on a Mercedes-Benz or Freightliner Sprinter, you should review and insure compliance with all applicable laws and regulations, consult with Vans Engineering Support for Upfitter Management for additional and updated information, and read the Body & Equipment Guidelines for Sprinter Model Series 906.

## Upfitter Management Vans Contacts:

For information or upfitter inquiries  
please submit a request via our website:

[www.upfitterportal.com](http://www.upfitterportal.com)

# Standard Antenna Modification Identification

**An updated exterior antenna has begun being installed on all versions of the current generation Sprinters**

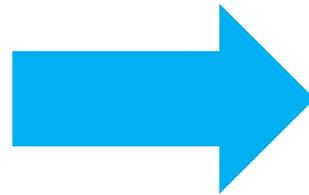


The antenna size, interface, and mounting has changed and directly affects Upfitters who relocate the antenna and/or order the radio prep package and utilize the antenna with aftermarket radios.

**This new antenna is easily identifiable:**



Sprinter EOP 06/2017



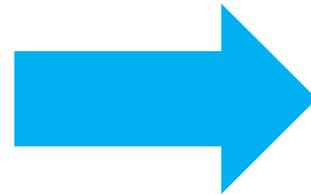
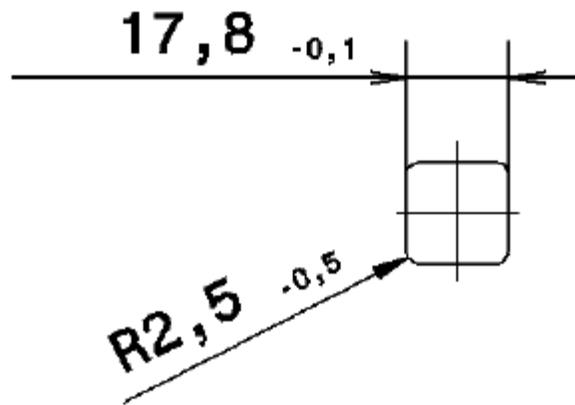
Sprinter SOP 07/2017

# Sprinter Retrofitting of Rear View Camera

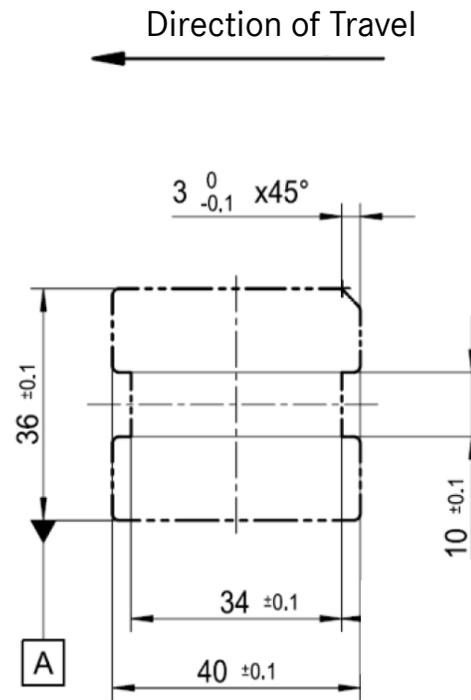
## Relocating Antenna

Relocating the antenna requires a significantly larger cutout with a significantly different pattern:

**Old Cutout**



**New Cutout**

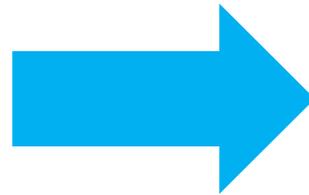
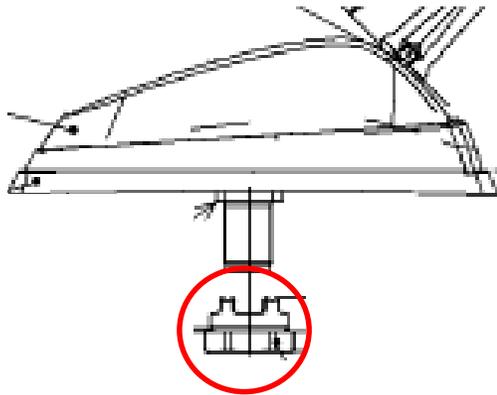


# Sprinter Retrofitting of Rear View Camera

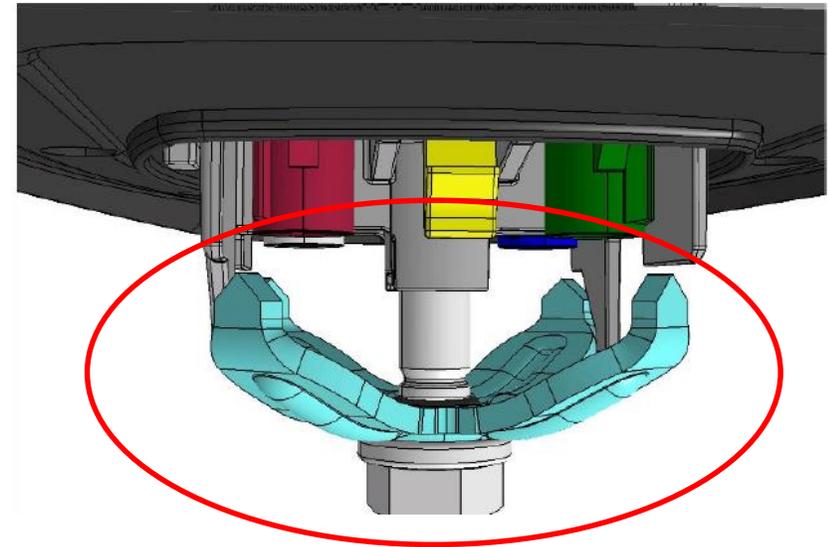
## Relocating Antenna

Mounting to the roof is done utilizing different hardware:

### Old Mounting Interface



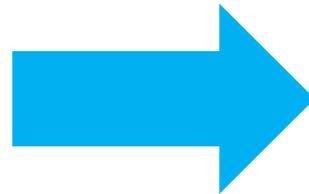
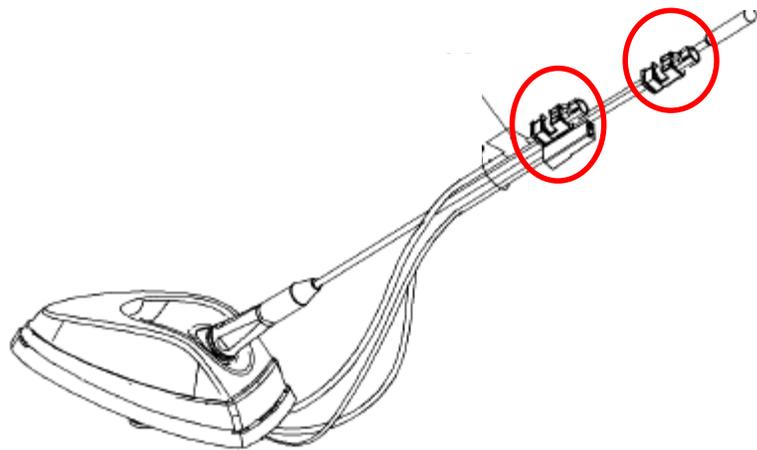
### New Mounting Interface



# Sprinter Retrofitting of Rear View Camera Wiring Interface

Connections to the antenna are now made at the base of the antenna instead of in-line to it.

**Old Wiring Interface**



**New Wiring Interface**



# Sprinter Retrofitting of Rear View Camera

## Wiring Interface Option Codes EN6/EN7/ER0

Antenna P/N: A907 905 17 02

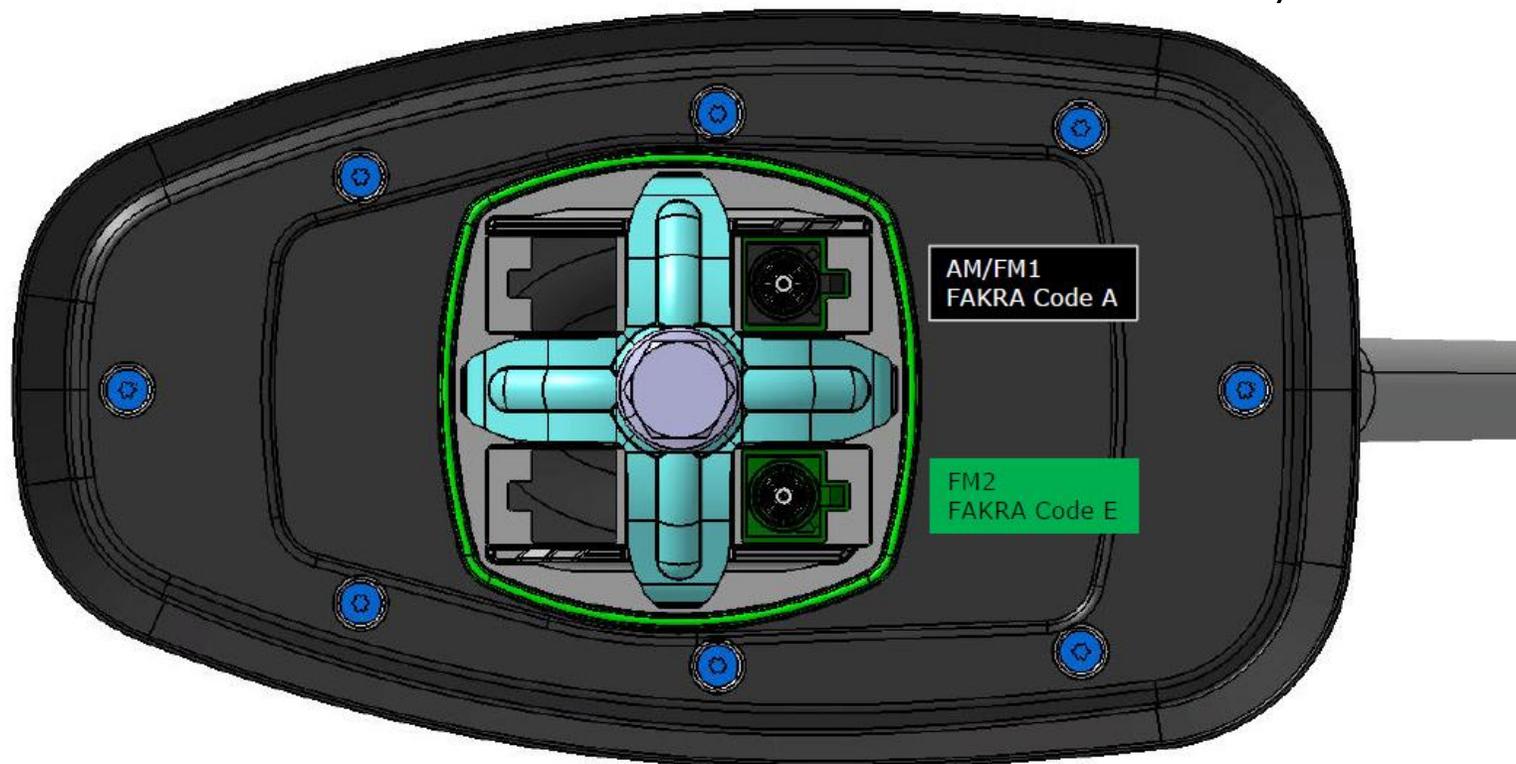
FAKRA Code A Mating

Connector P/N: A025 545 55 26

EN6: Audio 10

EN7: Audio 15

ER0: Radio Prep



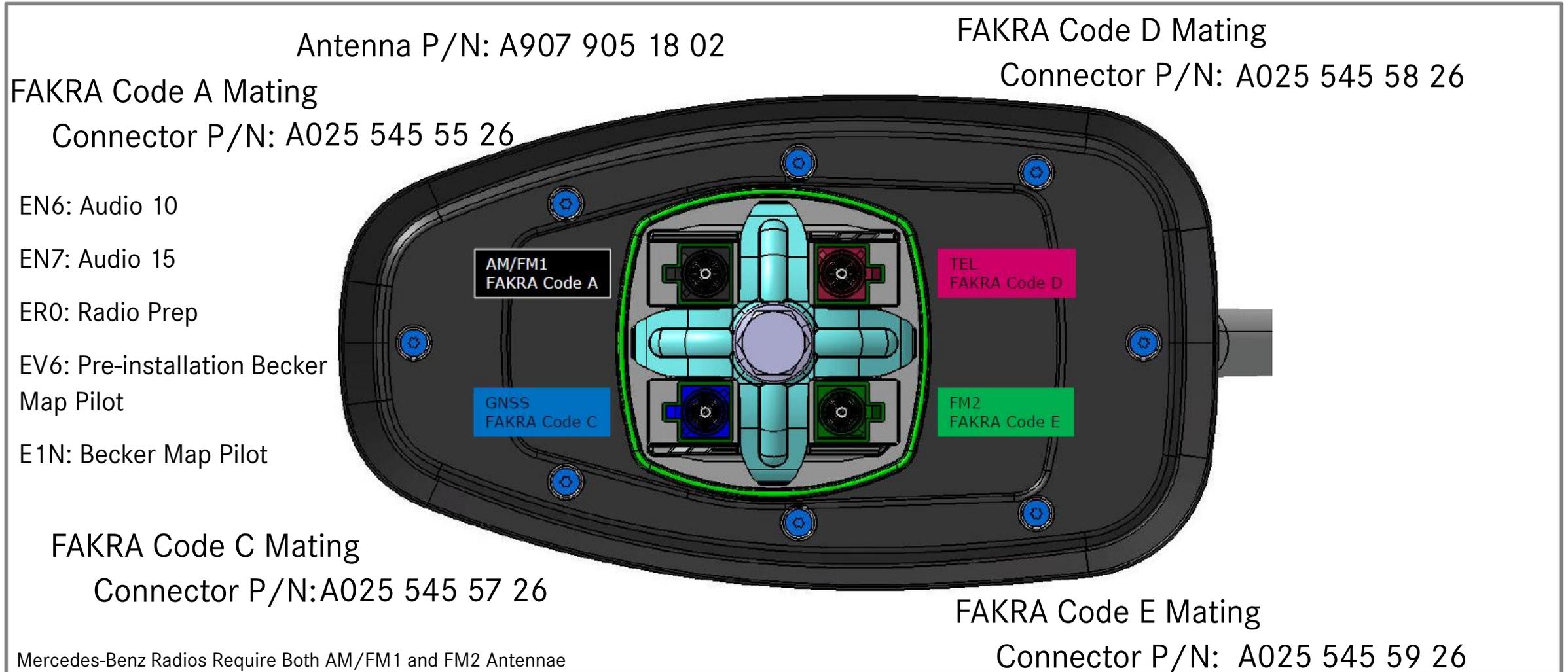
FAKRA Code E Mating

Connector P/N: A025 545 59 26

Mercedes-Benz Radios Require Both AM/FM1 and FM2 Antennae

# Sprinter Retrofitting of Rear View Camera

## Wiring Interface Option Codes EV6/E1N + EN6/EN7/ER0



Mercedes-Benz Radios Require Both AM/FM1 and FM2 Antennae