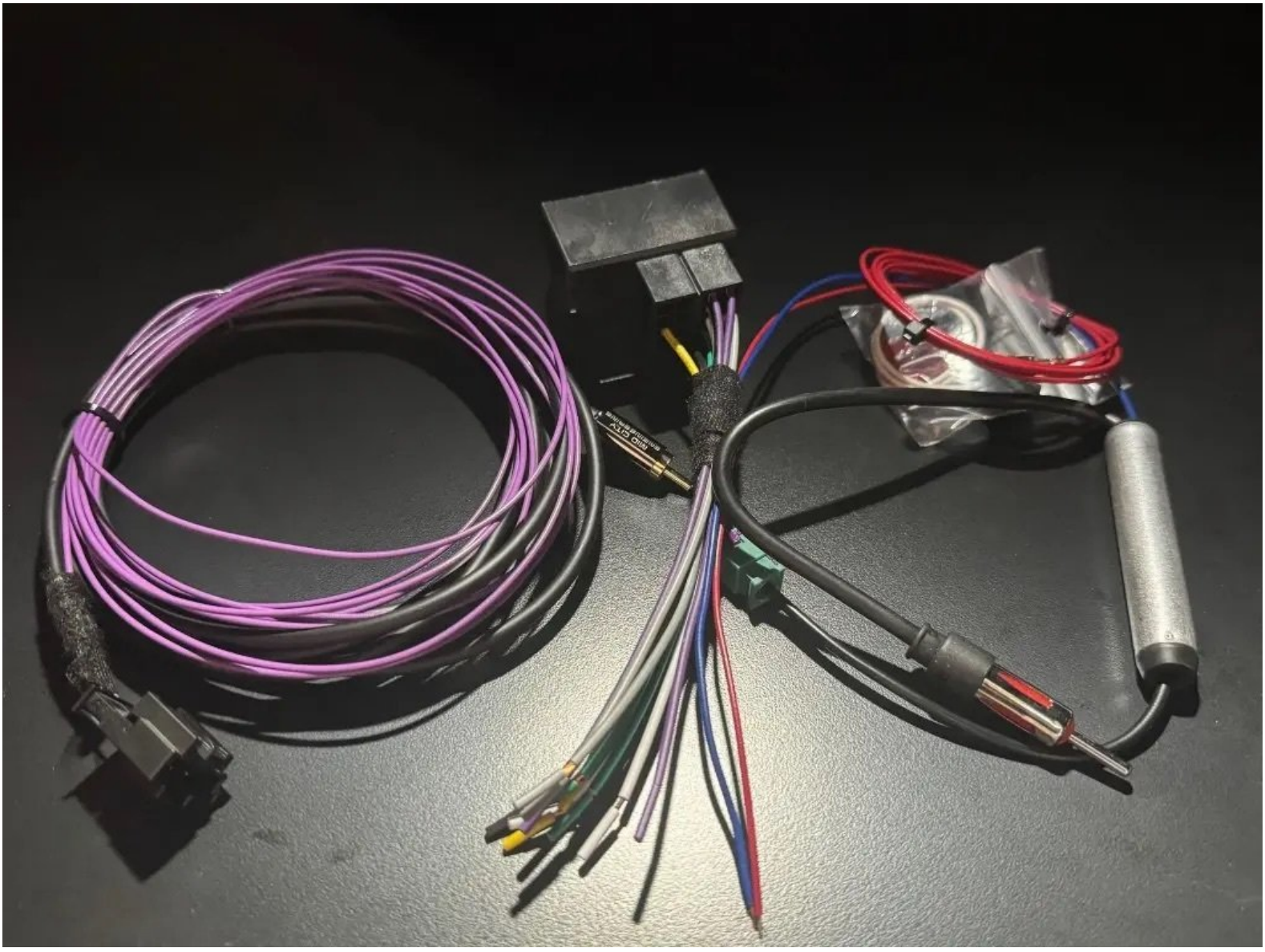
# 907RADREP Radio Replacement Kit for Sprinter (W907) Installation Instructions

Installation instructions for the 907RADREP radio replacement harness kit.

Written By: Mid City Support



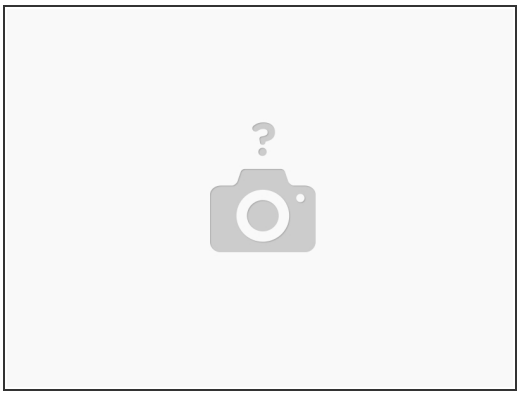
# INTRODUCTION

**The 907RAD-REP is a radio replacement harness kit that is used to replace the OEM radio (single din, non-MBUX radio) on a 2019 or 2020 Sprinter.**

***Installation involves the following:***

- OEM radio harness connection (instructions below)
- OEM camera integration to aftermarket radio (click here for guide)
- OEM antenna adapter (click here for guide)
- SOS mic bypass (click here for guide)

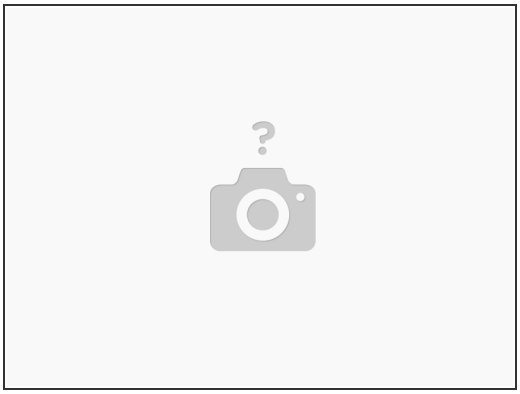
## Step 1 — Remove OEM radio



- Remove factory radio

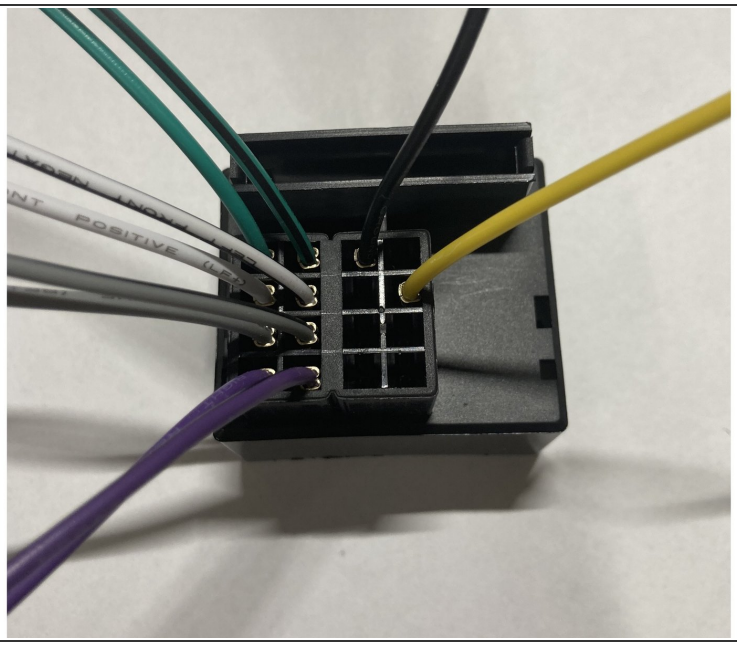
- **This kit is only compatible with the non-MBUX (single din) OEM radios. If you have the MBUX radio, please contact Mid City Engineering for more information and options**

## Step 2 — Disconnect OEM radio harness and connect provided harness



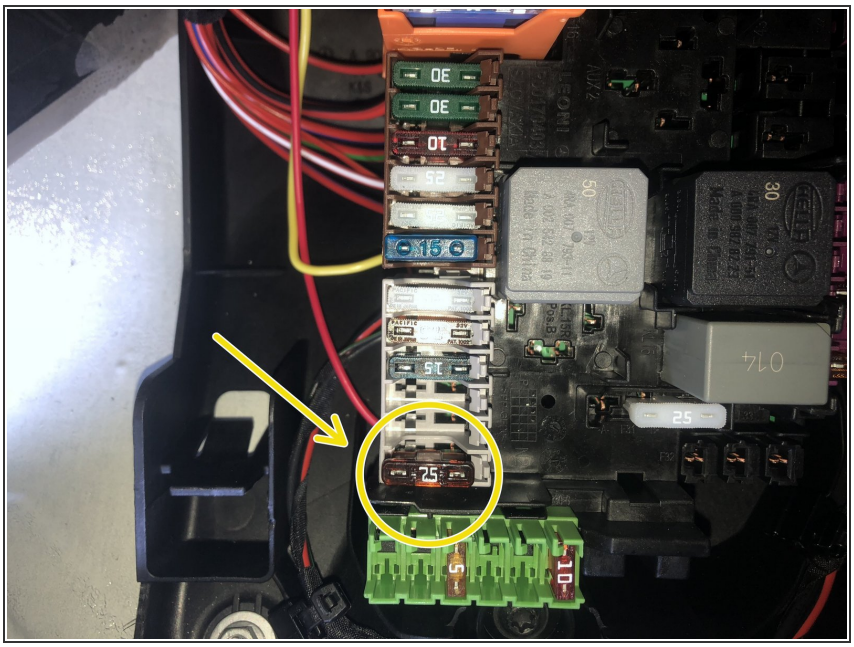
- Disconnect large radio plug from rear of OEM radio
- Disconnect blue antenna plug from OEM radio

## Step 3 — Radio harness connections



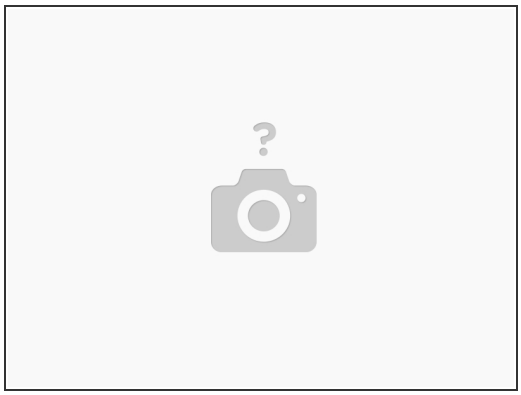
- Connect black wire from provide harness to aftermarket radio **ground** wire
- Connect speaker wires to amp or speakers
- Connect yellow wire from provided harness to **constant (battery) power** wire for aftermarket radio
- Be sure to solder and insulate these connections

## Step 4 — Connect ignition wire to fuse box




- Provided in the kit is a **red** lead with a fuse and fuse holder terminal on the end. That wire ***must*** be run to the fuse box under the passenger side floor and will provide ***ignition power*** to the aftermarket radio and ***amplification*** to the antenna
- Route fuse terminal end of the red wire from radio cavity to fuse box under passenger floor
- Pin fuse terminal into spot where **red wire** is shown in picture. Connect fuse from the top

## Step 5 — Connect red wire to radio ignition wire and antenna amplification wire

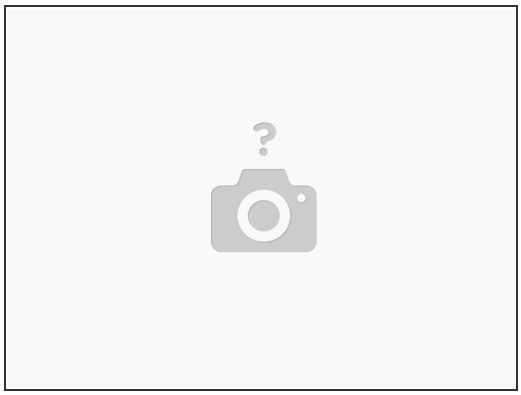


The opposite end of the red lead used in step 5 will provide ignition power to the aftermarket radio and amplification to the antenna adapter.

- Connect **red** wire to ***ignition power*** wire from aftermarket radio
- Connect **blue** wire from antenna adapter harness used in step 4 to ***red lead and ignition wire*** from radio
- **You should have 3 wires connected together**
  - Provided **red wire** that is pinned to the fuse box
  - **Ignition wire** from aftermarket radio
  - **Blue wire** from antenna adapter harness

Be sure to solder and insulate these connections.

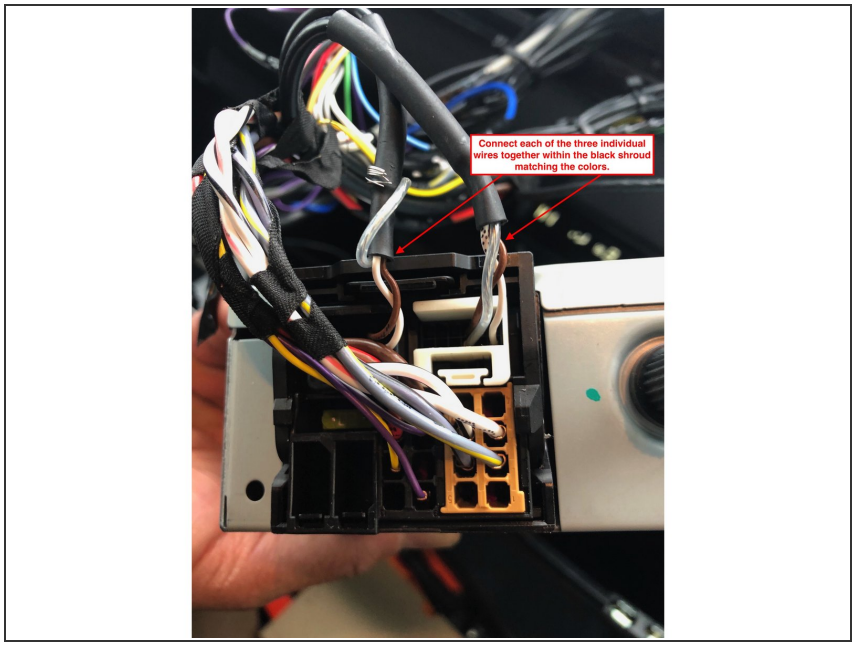
## Step 6 — Connect camera adapter harness



ⓘ The provided OEM camera adapter harness moves the OEM reverse camera video from the rear view mirror to the aftermarket radio. The harness supplies RCA video and reverse trigger for the radio

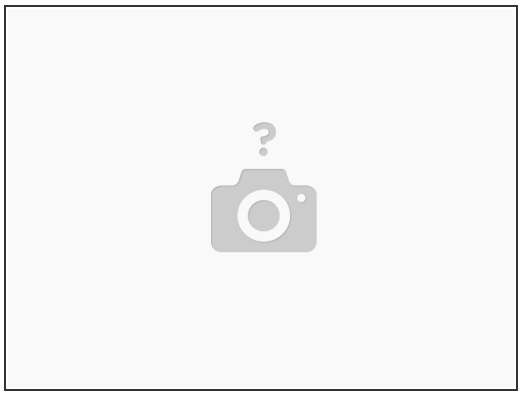
- Click here for camera adapter harness instructions

## Step 7 — Connect SOS light adapter




- Disconnect the 8 pin black plug from the OEM radio harness
- Disconnect the 8 pin white plug from the OEM radio harness
- Using the provided 8 pin adapter, connect the OEM black plug and the OEM white plug- being sure to match the wire colors across both plugs and the harness

## Step 8 — Connect, test, and mount radio



- Connect aftermarket radio harness and wired radio replacement harness to aftermarket radio
- Connect radio replacement harness to OEM radio chassis harness that was removed from the radio in step 2
- Connect blue antenna plug that was removed from OEM radio in step 2 to the adapter on the radio replacement harness
- Connect the antenna plug from the radio replacement harness to the antenna port on the aftermarket radio
- Test radio functions
- Mount radio appropriately