907OBD360 On-Demand 360 Camera Programmer for 2019-2024 Sprinter with OEM 360 Camera (MBUX)

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Written By: Mid City Support



INTRODUCTION

The 907-OBD-360 is an OBD programmer to allow for on-demand use of the OEM 360 degree camera at speeds above 10 MPH (from factory the camera button cannot activate the 360 degree camera view above 10MPH).

There are 2 different programming options and ways to use this feature plus the option to program the vehicle back to OEM specs.

Default programming (option 1):

- Allows camera button on OEM radio to activate the 360 camera above 10 MPH. Please note: If the camera is on below 10 MPH (either from the button or from the gear position) once the vehicle reaches 10 MPH, the camera will shut off automatically and can be turned back on using the button above 10 MPH.
- For example, if you shift into reverse and then to drive the 360 degree camera will be on automatically in drive- with this programming option, the 360 camera view will turn off automatically when the vehicle reaches 10 MPH (same as the OEM spec). Once the vehicle is above 10 MPH, the 360 camera view can be turned back on using the camera button- the 360 camera view will stay on until a) the button is pressed again or b) the vehicle travels below 10 MPH and then back above 10 MPH.

Additionally- if the 360 camera view is turned on at a speed less than 10 MPH using the button, the camera view will shut off when the vehicle reaches 10 MPH- but again can be turned back on using the button above 10 MPH.

”Always-on” programming (option 2):

- The alternative programming method removes the 10 MPH cutoff and any time the 360 camera is on it needs to be turned off manually by pressing the camera button.
- For example, if you shift into reverse and then to drive the 360 degree camera will be on automatically in drive- with this programming option, the 360 camera view will stay on until it is manually turned off.

The third programming option returns the 360 camera settings to factory "specs.

During the programming procedure, the turn signal stalk position determines which programming is performed.

- **Turn signal stalk position neutral** (not pushed up (right turn signal) or down (left turn signal) is the **default programming.** Do not move the turn signal stalk at all during programming if you want to program the default setting for this feature programmer
- **Turn signal stalk pushed down (left turn signal)** during programming is for the **"always on" programming (option 2).** If this option is desired, have the turn signal stalk pushed down (left turn signal) during the programming procedure
- **Turn signal stalk pushed up (right turn signal)** during programming will **return the 360 camera settings to OEM specs.** If this option is desired, have the the turn signal stalk pushed up (right turn signal) during the programming procedure

PARTS:

- 907OBD360 (1)

Step 1 — Turn vehicle ignition on and position turn signal stalk



- Press push to start button 2X (ignition on)

ⓘ Verify that ignition is on by confirming that warning lights are illuminated on instrument cluster

- At this point, you will position the turn signal stalk based on which programming option is desired. You will leave the stalk in this position throughout the programming procedure.
  - For **default programming (option 1)** ***do not move the turn signal position (neutral)***
  - For **“always on” programming (option 2)** push the turn signal ***down (left turn signal)***
  - To program the 360 camera option to **factory specs**, push the turn signal **"up (right turn signal)"**

ⓘ **If the programming does not work: there is an alternate programming. Push the stalk forward during programming, this will activate the alternate programming**.

For details on the different programming options see the guide introduction above

Step 2 — Turn ignition off and plug in OBD programmer



- Press push to start button 1X to turn ignition off
- Plug OBD programmer into OBD port

Steps 2 and 3 should be completed in under 10 seconds. If too much time elapses, the programming may not work

Step 3 — Turn ignition on



- Press push to start button 2X to turn ignition on
- LED inside OBD programmer case
- After programming is complete, LED on programmer will turn off
  - Typically programming only takes a few seconds, but can take up to 5 minutes in some cases

If LED is off and you have not seen it turn on, it likely has already programmer (programming can happen within seconds of turning ignition on)

Steps 2 and 3 should be completed in under 10 seconds. If too much time elapses, the programming may not work. If LED does not turn off in 5 minutes after being plugged in, start over and try to complete steps 2 and 3 faster

Step 4 — REMOVE OBD PROGRAMMER

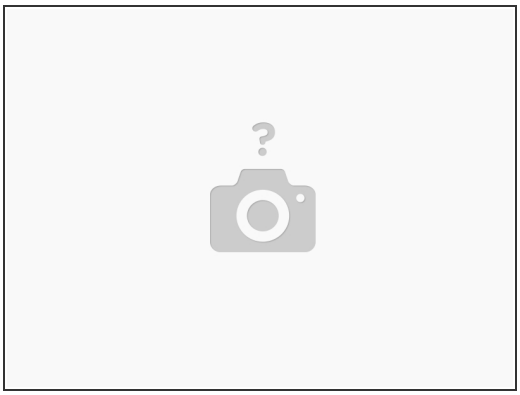


- Turn ignition off and remove OBD programmer

⚠ DO NOT START ENGINE OR DRIVE VEHICLE WITH OBD PROGRAMMER PLUGGED IN

- The turn signal stalk (if moved) can be returned to the neutral position

Step 5 — Test operation



- Make sure that OBD programmer is removed before starting vehicle or driving
- Test OEM 360 camera button above 10MPH making sure that 360 degree camera turns on

Attention: The OBD programmer should be removed after use. Do not start engine or drive vehicle with OBD programmer installed.

For support, contact Mid City Engineering:

www.midcityengineering.com/support

312-421-1114