

NAVLINKZ OBD-SY3 Rear View Camera Input Compatible



# NAVLINKZ OBD-SY3 Rear View Camera Input Compatible Instruction Manual

[Home](#) » [NavLinkz](#) » NAVLINKZ OBD-SY3 Rear View Camera Input Compatible Instruction Manual 

## Contents

- [1 NAVLINKZ OBD-SY3 Rear View Camera Input Compatible](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FAQs](#)
- [5 Delivery contents](#)
- [6 Legal Information](#)
- [7 Vehicle And Accessories](#)
- [8 Place of installation](#)
- [9 Camera coding](#)
- [10 LED information](#)
- [11 Connection](#)
- [12 Technical Support](#)
- [13 CONTACT](#)
- [14 Documents / Resources](#)
  - [14.1 References](#)
- [15 Related Posts](#)



**NAVLINKZ OBD-SY3 Rear View Camera Input Compatible**



## Product Information

### • Specifications

- **Product Name:** OBD-SY3
- **Rear-view** camera input compatible with Ford Sync3

### • Delivery Contents:

- OBD dongle
- PNP adapter
- **Serial Number:** [To be filled by user]
- **Version:** 31.10.2023

### • Legal Information

- Changes/updates of the vehicle's software can cause malfunctions in the interface.
- We offer free software updates for our interfaces for one year after purchase.
- To receive a free update, the interface must be sent in at its own cost.
- Labor costs for and other expenses involved with the software updates will not be refunded.

### • Compatibility

- **Brand:** Ford

### • Compatible vehicles:

- C-Max since model year 2018
- Ecosport since model year 2017
- Fiesta since model year 2018 since 07/2017
- Focus since model year 2017
- Galaxy since model year 2016
- Kuga since model year 2018
- Mondeo since about 2017
- Mustang since model year 2017
- Puma Ranger since model year 2017
- S-Max since model year 2016
- Tourneo Connect
- Tourneo Custom
- Transit since model year 2017

- Transit Custom since facelift 2018
- Other vehicles with Infotainment systems

- **Place of Installation**

- The place of 54pin pnp adapter cable installation differs depending on the Sync3 version.
- Sync3 full version as ALL-IN-ONE Head-Unit Installation location is behind the head unit at the APIM module which is attached as a sandwich to the back of the monitor.
- Sync3 full version with tablet monitor and separate APIM module Installation location is at the APIM module which depending on the vehicle is located:
- Behind the centre console e.g., Focus (climate panel must be removed)

- **Behind the glove box**

- Behind the Tacho unit (e.g., Puma, Ecosport)

## Product Usage Instructions

- **Camera Coding**

- Once the camera is connected, you will see the camera image on the monitor.
- If no camera is connected, within 20 seconds of putting the gear in reverse, the radio screen will switch to a blue screen with the message "Service Rear Vision System."
- This means that the RVC was coded successfully.

- **To reverse the coding, repeat the following steps:**

- [Step 1]
- [Step 2]
- [Step 3]
- [Step 4]
- [Step 5]
- [Step 6]
- [Step 7]

- **Notes:**

- After disconnecting the factory 54pin factory harness, it may take up to 2 minutes for the radio to perform self-diagnostic and reboot.
- After the first use, the OBD dongle is personalized to this vehicle and can be used unlimited times to code or reverse code on this vehicle.

- **LED Information**

- **LED Green:** Coding procedure completed
- **LED Red:** The coding process is running
- **LED Green + Red:** Remove coding procedure completed
- **Status Lights Flashes:** Coding process failed / license violation
- **Lights Flashes:** CAN Communication Error! – Abort the diagnostic session
- **Note:** View of internal LED is possible through the small opening in the housing of the OBD dongle

- **Attention**

- **Only proceed with further installation steps after the following confirmation of successful coding has taken place:**
  - **Engage reverse gear** – a change of the factory image to blue-screen follows.
  - **Disengage reverse gear** – a change from the Bluescreen to the factory screen follows (possibly in

conjunction with a displayed message).

## FAQs

- **Q: How long is the warranty period for the OBD-SY3?**
  - **A:** The warranty period for the OBD-SY3 is one year from the date of purchase.
- **Q: Can the OBD-SY3 be used with vehicles other than Ford?**
  - **A:** No, the OBD-SY3 is specifically designed for Ford vehicles with compatible infotainment systems.
- **Q: How do I update the software of the OBD-SY3 interface?**
  - **A:** To receive a free software update, you need to send in the interface at your own cost within one year of purchase. Labor costs and other expenses involved with the software updates will not be refunded.

## Delivery contents



Take down the serial number of the interface and store this manual for support purposes:

## Legal Information

- Changes/updates of the vehicle's software can cause malfunctions in the interface.
- We offer free software updates for our interfaces for one year after purchase.
- To receive a free update, the interface must be sent in at its own cost.
- Labor costs and other expenses involved with the software updates will not be refunded.

## Vehicle And Accessories

### Check the compatibility of the vehicle and accessories

#### Compatibility

Brand	Compatible vehicles	Infotainment systems
<b>Ford</b>	<b>C-Max</b> since model year 2018 <b>Ecosport</b> since model year 2017 <b>Fiesta</b> since model year 2018 since 07/2017 <b>Focus</b> since model year 2017 <b>Galaxy</b> since model year 2016 <b>Kuga</b> since model year 2018 <b>Mondeo</b> since about 2017 <b>Mustang</b> since model year 2017 <b>Puma</b> <b>Ranger</b> since model year 2017 <b>S-Max</b> since model year 2016 <b>Tourneo Connect</b> <b>Tourneo Custom</b> <b>Transit</b> since model year 2017 <b>Transit Custom</b> since facelift 2018 and other vehicles with	Sync3 full version with APIM and with 7inch or 8inch tablet or non-table monitor – <b>Plug &amp; Play installation</b>

## Limitations

- **Video input signal** Only NTSC cameras compatible

## Place of installation

- The place of 54pin adapter cable installation differs depending on the Sync3 version.

### Sync3 full version as ALL-IN-ONE Head-Unit

- The installation location is behind the head unit at the APIM module which is attached as a sandwich to the back of the monitor.

### Sync3 full version with tablet monitor and separate APIM module

Installation location is at the APIM module which depending on the vehicle is located:

- behind the center console e.g., Focus (climate panel must be removed)
- behind the glove box
- behind the Tacho unit (e.g., Puma, Ecosport)

## Camera coding

1. Locate the OBD port and take away the cover
2. Turn the key to the ON position (do not start the engine) and turn off the headlights
3. Turn on the radio and wait until it is in its normal operation
4. Plug in the OBD dongle into the OBD port
5. Wait until you see a solid GREEN LED then remove the OBD dongle from the OBD port
6. Turn the key to the OFF position, remove the key, open the driver's door then close it again.
7. Open the driver door, start the engine, and put the gear in REVERSE. If a camera is connected, you will see the

camera image on the monitor. If no camera is connected, within 20 seconds of putting the gear in reverse, the radio screen will switch to a blue screen with the message “Service Rear Vision System”. This means that the RVC was coded successfully.

To reverse the coding repeat steps 1.-7.

#### Notes:

- After disconnecting the factory 54pin factory harness, it may take up to 2 minutes for the radio to perform self-diagnostic and reboot.
- After the first use, the OBD dongle is personalized to this vehicle and can be used unlimited times to code or reverse code on this vehicle.

#### LED information

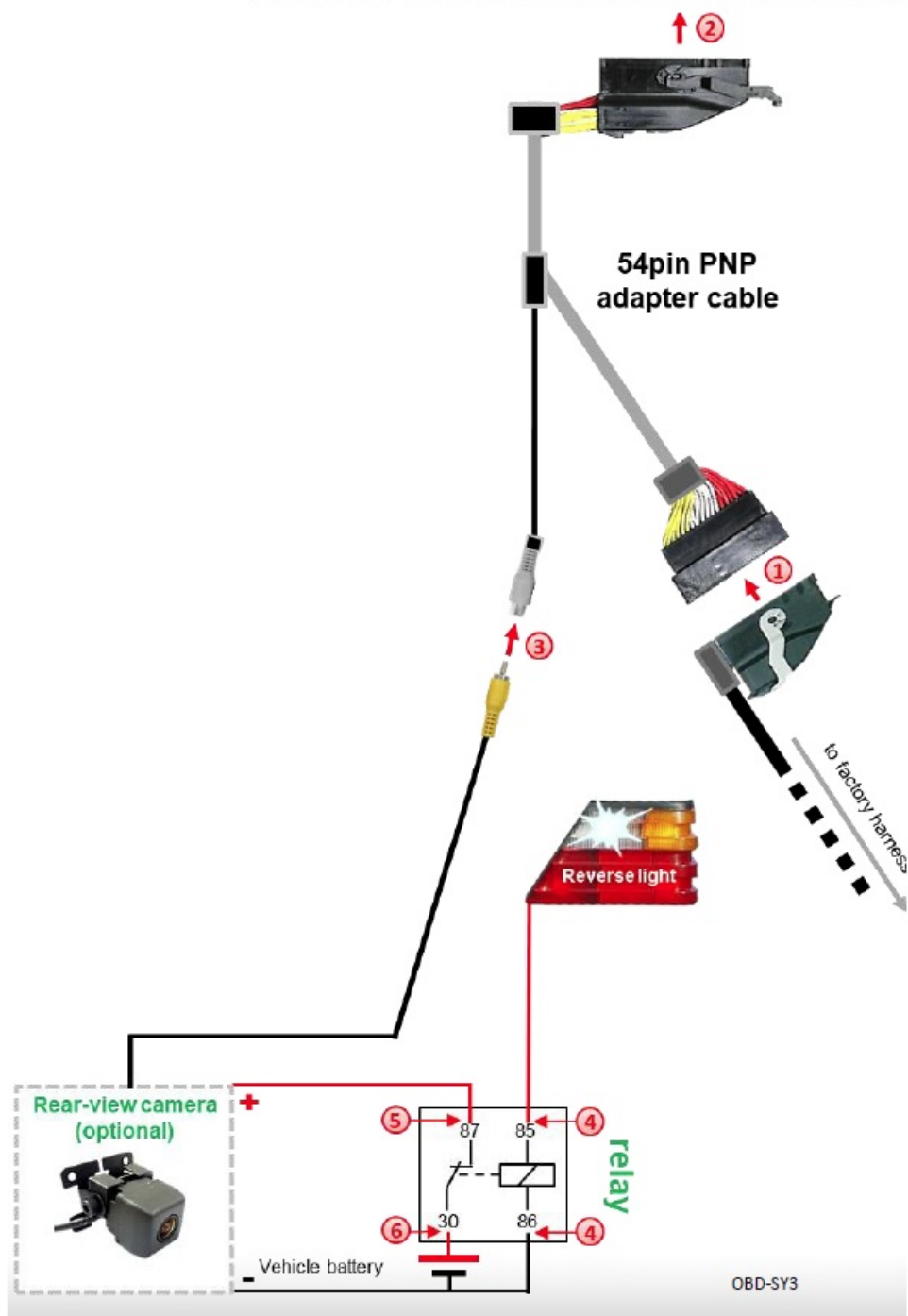
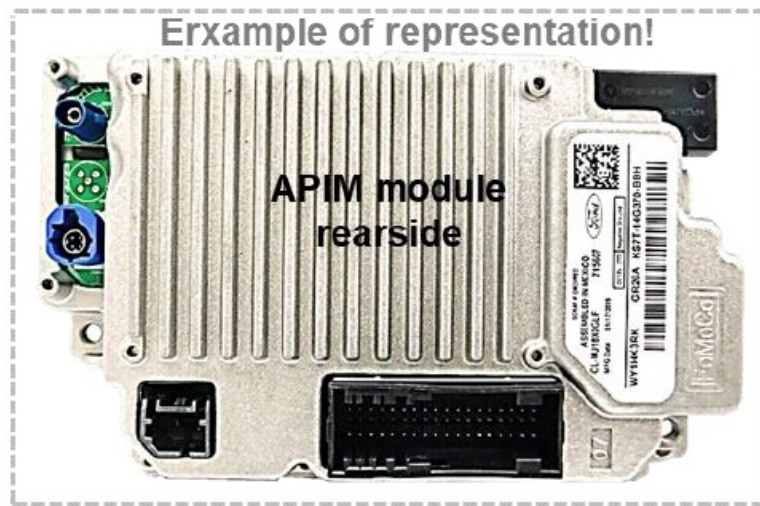
LED	Status	Explication
Green	Lights	The coding procedure completed
	Flashes	The coding process is running
Red	Lights	Remove coding procedure completed
	Flashes	Coding process failed / license violation
Green + Red	Lights	CAN Communication Error! – Abort the diagnostic session

- **Note:** View of internal LED is possible through the small opening in the housing of the OBD dongle
- **Attention:** Only proceed with further installation steps after the following confirmation of successful coding has taken place.
- **Engage reverse gear** – a change of the factory image to blue-screen follows.
- **Disengage reverse gear** – a change from the Bluescreen to the factory screen follows (possibly in conjunction with a displayed message).

#### Connection

##### Connection of the 54pin PNP adapter cable

- As the reverse gear light's power supply isn't
- Voltage stable all the time, an ordinary open relay (e.g. AC-RW-1230 with wiring AC-RS5) or filter (e.g. AC-PNF-RVC) is required.
- The diagram below shows the connection type of the relay.



1. Disconnect the female 54-pin connector of the factory harness at the rear side of the APIM module and connect it to the male 54-pin connector of the enclosed adapter cable.

2. Connect the opposite female 54-pin connector of the enclosed adapter cable to the previously free male 54-pin connector of the Apim module.
3. Connect the white female Cinch connector of the enclosed 54pin adapter cable to the male Cinch connector of the rear-view camera
4. Connect the Reverse light's power-cable to the coil (85) and the vehicle's ground to the coil (86) of the relay.
5. Connect the output connector (87) of the relay to the rear-view camera's power-cable.
6. Connect permanent power+12V to the relay's input connector (30).

## Technical Support


### Technical support for business customers

- Please note that direct technical support is only available for products purchased directly from NavLinkz GmbH.
- For products bought from other sources, contact your vendor for technical support.

## CONTACT

- NavLinkz GmbH
- distribution/tech dealer-support
- Heidberghof 2
- D-47495 Rheinberg
- **Tel** +49 2843 17595 00
- **Email** [mail@navlinkz.de](mailto:mail@navlinkz.de).
- **Version** 31.10.2023
- OBD-SY3

## Documents / Resources

	<p><a href="#">NAVLINKZ OBD-SY3 Rear View Camera Input Compatible</a> [pdf] Instruction Manual  OBD-SY3, OBD-SY3 Rear View Camera Input Compatible, Rear View Camera Input Compatibl  e, View Camera Input Compatible, Input Compatible</p>
-------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## References

- [User Manual](#)