VER 17-01-25JH

(software 16-01-25)

SEC SET ECOFOSS A/S

CAM-MIB3V2 Kamera interface for div. VAG biler med MIB3 10+10,4+12,9" monitor. Bl.a VW Crafter, MAN TGE 2025-

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CAM-MIB3V2





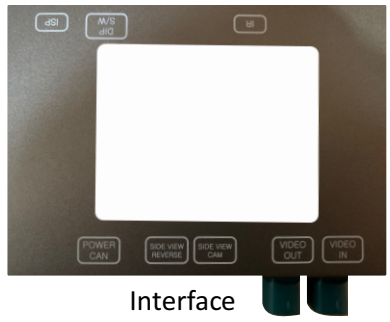
Overview

This interface is a front and rear in terface (with active parking lines) that integrates into the factory media screen in the 2020 > VW CARS with 10" & 1 2.9" & 10.4" fitted with (MIB3) MMI system. Installaton is performed rear of the MMI module.

Kit Contents



Infrared Receiver

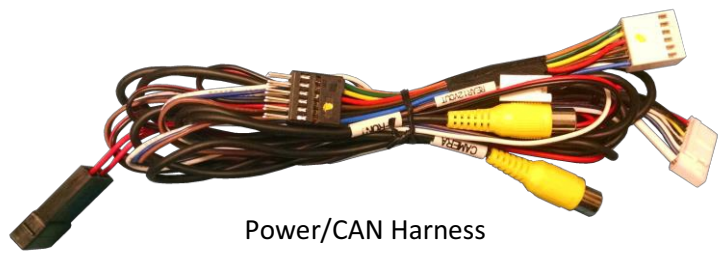


Interface



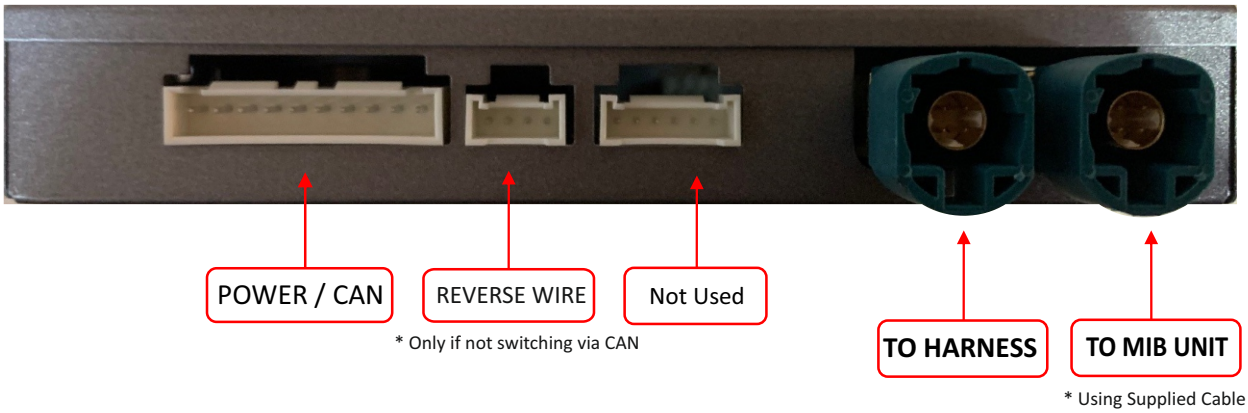


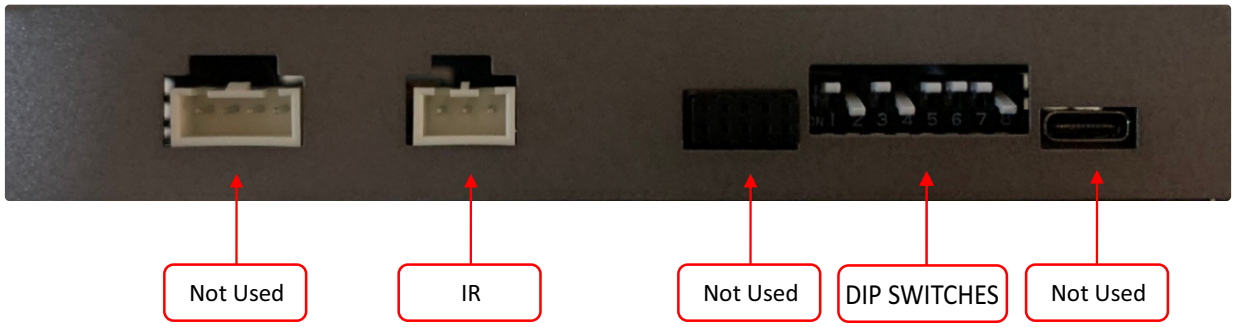
OSD Menu Remote



Power/CAN Harness

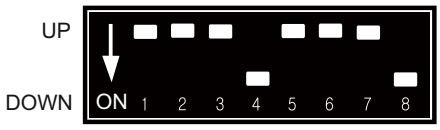
Interface Connectors



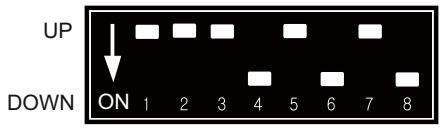


Dip Switch Settings (configure prior to installation)

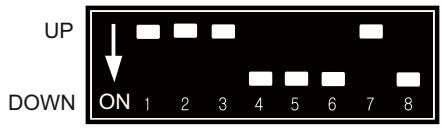
Dip SW:	1	2	3	4	5	6	7	8
UP	**12v+ OUT (REVERSE)**	AV OFF	**MANUAL**	OEM RVC	**VEH SETTINGS SEE BELOW**			
DOWN	12v+ OUT (ACC)	AV ON	AUTO	**ADDING RVC**				**KEEP DOWN**



GOLF 8



Skoda Kodiaq 12.9”



VW CRAFTER (MY2025) 10.4"
MAN TGE (MY2025) 10.4"

FOR CERTAIN CARS YOU WILL HAVE TO TRIGGER THE REVERSE VIA THE GREEN WIRE TO THE REAR REVERSE LAMP *(IN CERTAIN CASE THIS MAY ALSO REQUIRE A RELAY)*

Installation

The installation takes place at the rear of the factory MMI unit. Certain trims and fixings will have to be removed in order to gain access to MMI unit (GOLF 8 - Remove glove box and the MMI Unit is on a bracket above the glovebox)

PLEASE ENSURE YOU CONNECT THE LVDS CABLE AT THE MMI UNIT AND NOT THE SCREEN.

Installation Diagram

LVDS (VIDEO CABLE) CONNECTIONS

MIB3 MEDIA DRIVE

FACTORY HARNESS

CONNECT TO PINK FAKRA

SUPPLIED LVDS HARNESS



NOTE:
The purple OEM Fakra connector will require the Keyway to be trimmed.

CAM-MIB3V2



iR REMOTE



WIRE FUNCTIONS

- RED (12v+)
- BLACK (GND)
- BROWN (12v+ OUTPUT)
- BLUE (CAN HIGH)
- WHITE (CAN LOW)
- GREEN (12v+ REVERSE LAMP)

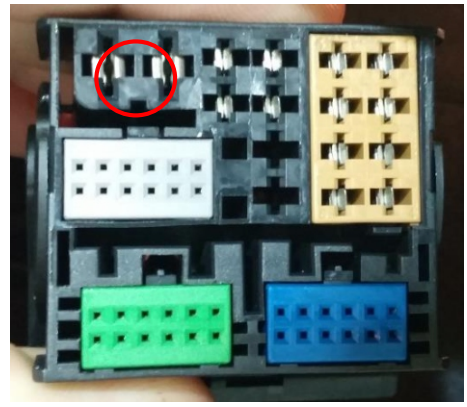
ONLY CONNECT IF IT WILL NOT SWITCH VIA CAN

- RCA (REAR CAMERA IN)
- RCA (FRONT CAMERA IN)

Installation Diagram

POWER / CAN CONNECTIONS

Use the provided ***'Power/CAN Harness'*** from the kit. Connect the following wires to the *car:*



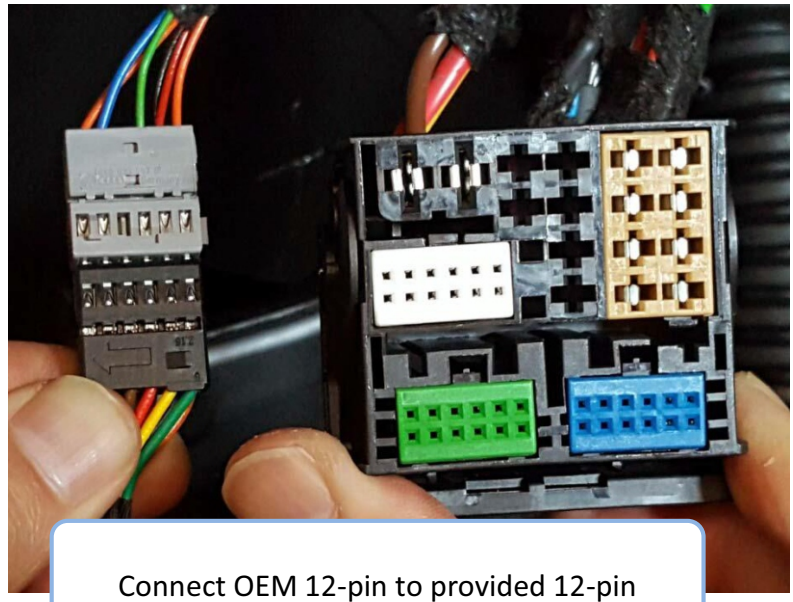
Interface wires	Connect to car	Location
Black	Chassis Ground	Radio plug
Red	ACC 12v (+)	Black/White or Black/Blue @ pass fuse box
*Green (Rev 12v in)**	*Reverse Lamp (+)*	

***Note: this Green wire is ONLY used if CAN connection does not switch display to reverse image while in reverse.**





Remove grey OEM 12-pin



Connect OEM 12-pin to provided 12-pin T-Harness

Connect ground and power for your camera, you may use the provided ***brown*** wire (labeled 'REAR12VOUT') for power for convenience. ***NOTE:*** *This power source will only supply 12v when the vehicle is in reverse.*

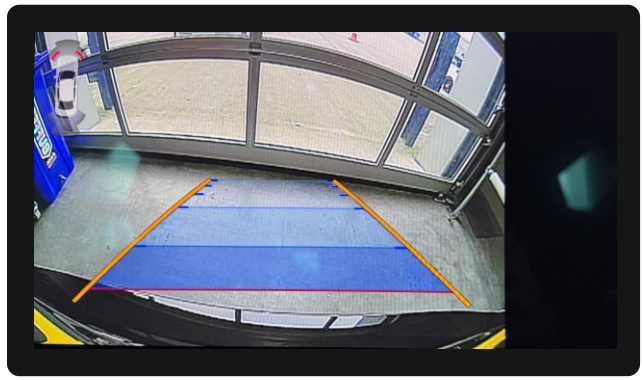
Skoda Kodiaq 12.9” screens

THE SCREEN HAS 2 DISPLAY MODES (SEE BELOW)

PRESS AND HOLD THE **“SILVER”** BUTTON ON THE STEERING WHEEL FOR **3 SECS** TO SWITCH THE SCREEN VIEW WHEN IN REVERSE



PDC & MOVING GUIDELINES (DEFAULT)



PDC & NO GUIDELINES FULL SCREEN



OPERATION

2024 CRAFTER

DISPLAYS ON FULL SCREEN
ACTIVE MOVING GUIDELINE AND PDC



PDC & MOVING GUIDELINES (DEFAULT)

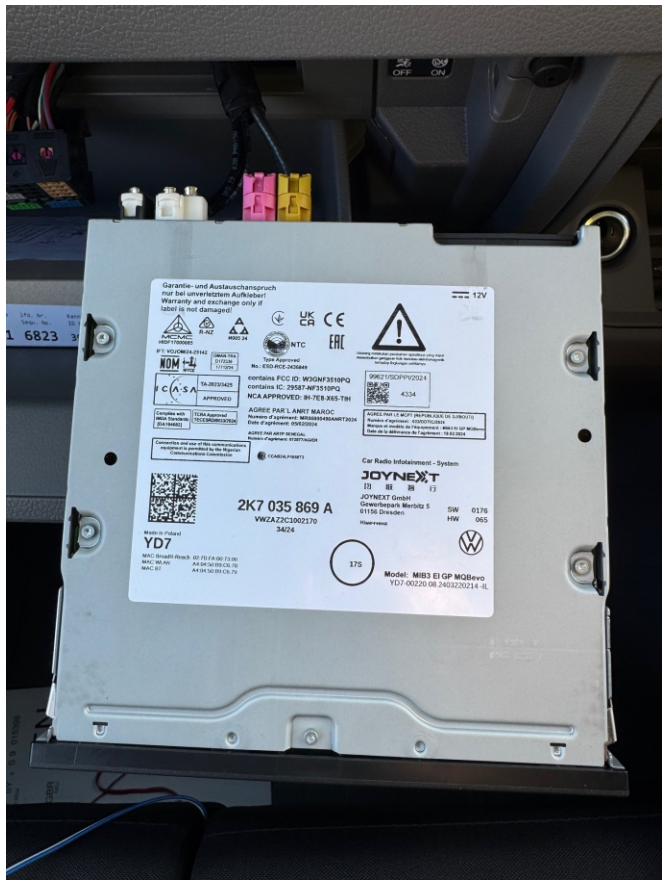
Installation

The installation takes place at the rear of the factory MMI unit. Certain trims and fixings will have to be removed in order to gain access to MMI unit. VW CRAFTER - Open Glove box and locate the MMI drive, use removal keys and pull forward the MMI drive to access the rear where all the connections are made.

PLEASE ENSURE YOU CONNECT THE LVDS CABLE AT THE MMI UNIT AND NOT THE SCREEN.

Installation

MMI DRIVE VW CRAFTER (IN GLOVE BOX)



FRONT VIDEO INPUT

(ENSURE DIP SWITCH 2 IS TURN ON)

PRESS AND HOLD THE
“RETURN” BUTTON ON THE
STEERING WHEEL FOR **3 SECS**
TO ACTIVATE THE FRONT VIDEO INPUT

VW GOLF 8



SKODA OCTAVIA



VW CRAFTER



CAM-MIB3V2 (EXTRA NOTE - VW iD3)

Overview

This note explains where to pick up the CAN in order to have active moving guidelines and PDC overlay on the VW iD3

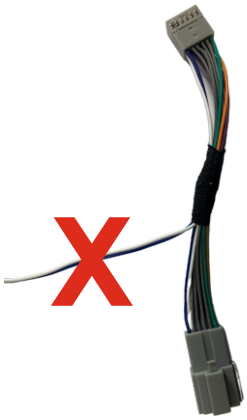
How To

CONNECT THE CAN AT A DIFFERENT POSITION

Firstly you will have to cut off the CAN T-harness that normally goes to the MIB unit (shown below).

Once this is cut off **EXTEND** the WHITE wire and the BLUE wire (enough to get to the windscreen wiper stalk). Once you have run the extended wire to the windscreen wiper stalk, connect them as below.

CUT OFF NOT USED



CAM-MIB3V2 HARNESS	-	**iD3 WIPER STALK**
BLUE WIRE (CAN HIGH)	-	GREEN WIRE
WHITE WIRE (CAN LOW)	-	ORANGE/BROWN WIRE



WIPER PLUG



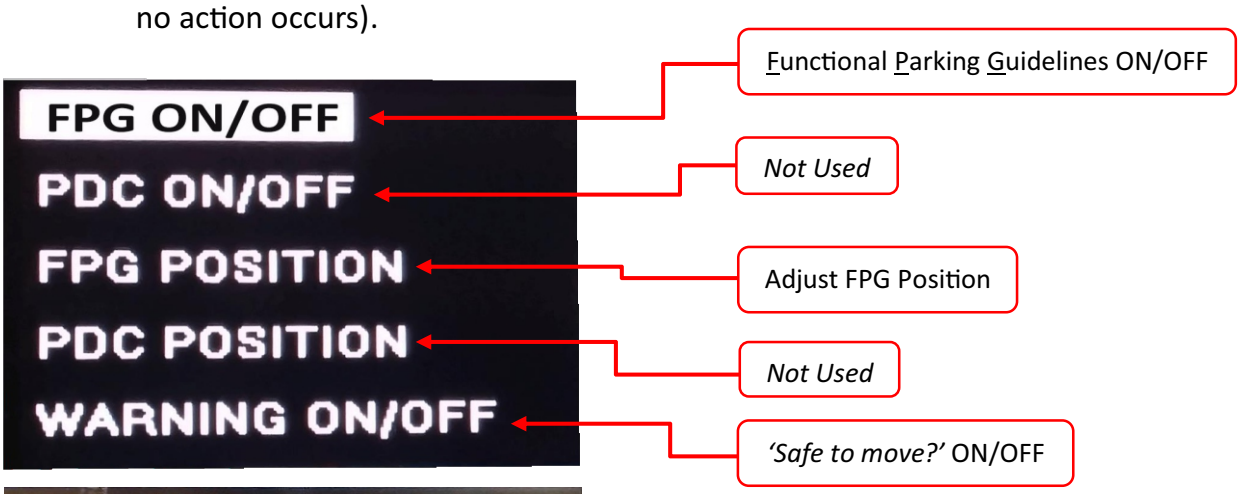
CAN CONNECTIONS

MENU

Before you start:



- The IR-Eye must be connected
- Make sure the car's ignition is on and radio is on
- You must be in ***Reverse Camera*** mode (place vehicle in reverse)
- Press the ***OK BUTTON*** 4 times (numbers will display per press), then press ***POWER***.
- The ***OSD Menu*** will appear on screen (auto-time out in about 5 seconds if no action occurs).





To activate ***Front Camera timer,*** scroll down using the remote arrow keys when in the menu to ***FRONT CAMERA***. Once in this setting, press OK and choose (up/down) between 5, 7, 9 or 11 seconds for ***auto-front switching timeout*** (once the vehicle leaves reverse gear, the front camera input will stay active for pre-defined amount of time).

NOTE: ENSURE "DIP SWITCH 2" IS IN THE DOWN POSITION

NOTE: Once you have finished adjusting your settings, you must press the "POWER" button to save your settings.

EXTRA NOTE - HOW TO WIRE A RELAY

