CAM-MIB3



Overview

This interface is a front and rear view camera interface with active parking guidelines. that integrates into the factory media screen in the 2020 > VW CARS with 10" screen fitted with (MIB3) MMI system. Installation is performed rear of the MMI module.

Kit Contents



Infrared Receiver



Interface



LVDS
Video
Cable

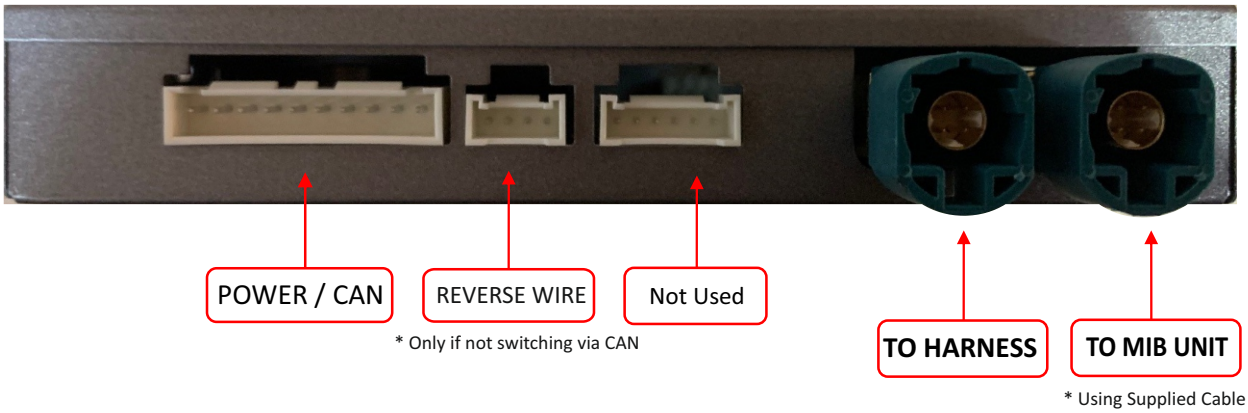


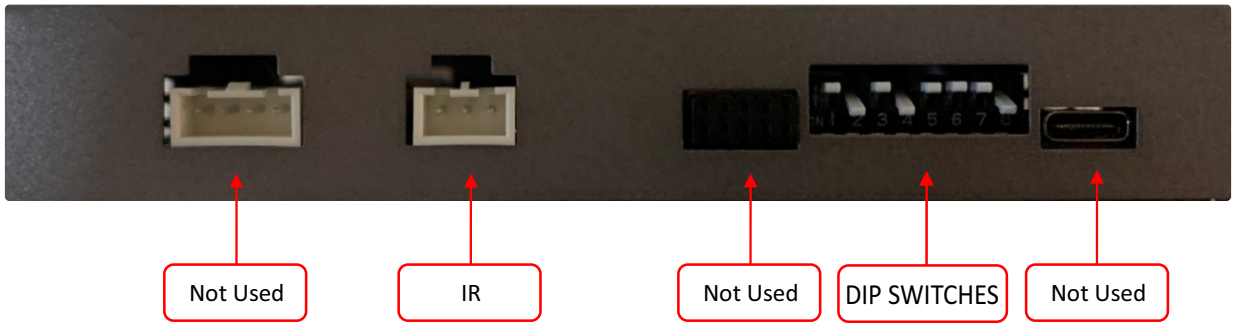
OSD Menu Remote



Power/CAN Harness

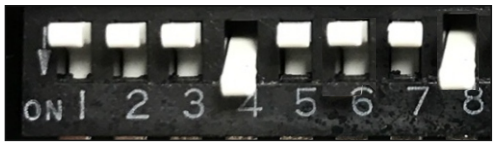
Interface Connectors





Dip Switch Settings

Dip SW:	1	2	3	4	5	6	7	8
UP	**MENU OFF**	**AV OFF**	**VEH**	OEM RVC	**CAN TYPE**	**N/A**	**N/A**	
DOWN	MENU ON	**AV ON**	**TYPE**	**ADDING RVC**				**Keep DOWN**



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)*

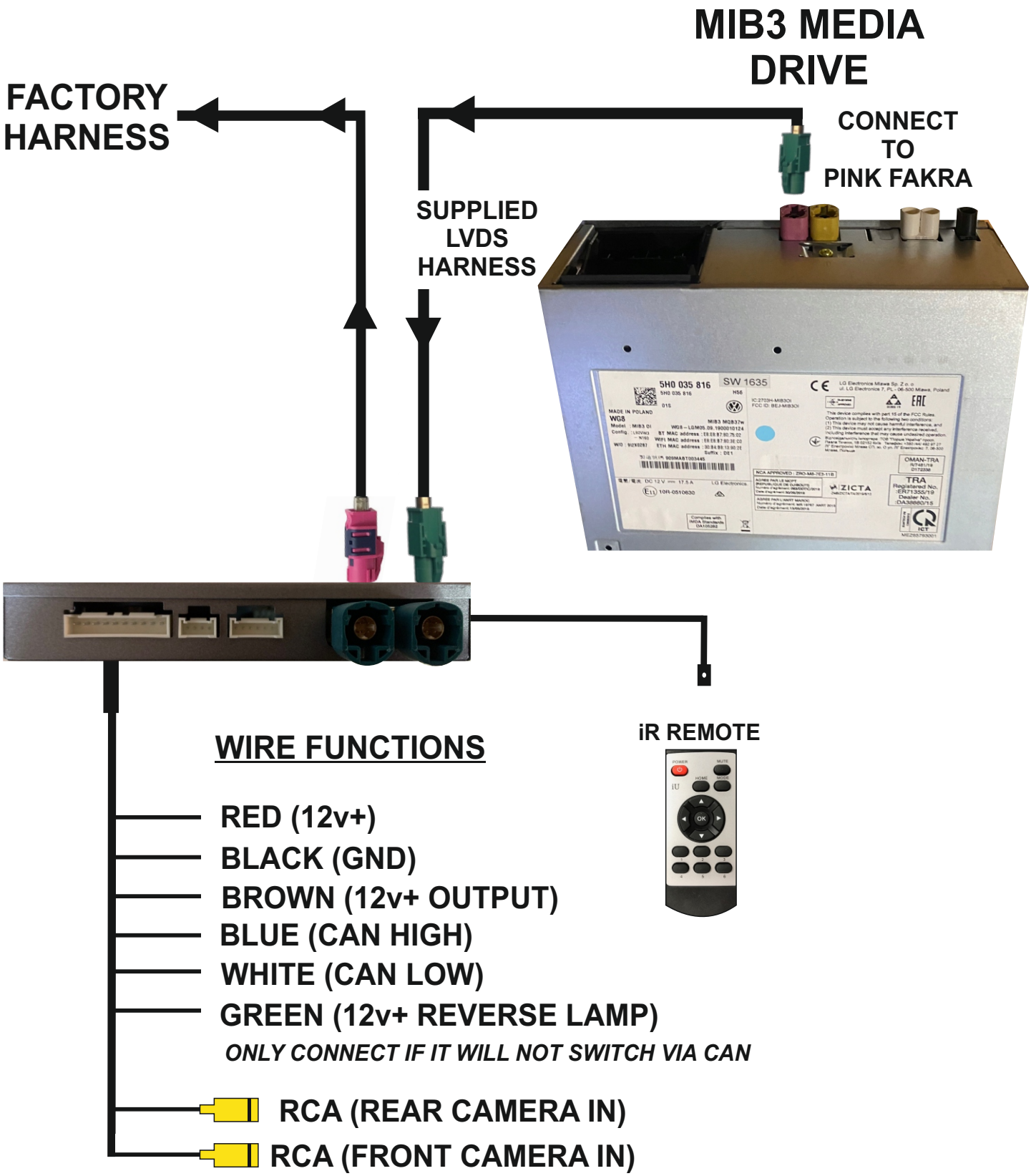
Installation

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 (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

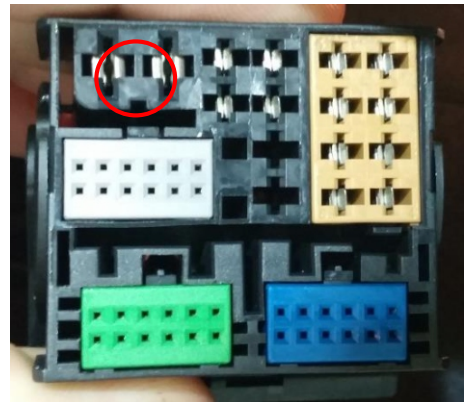
LVDS (VIDEO CABLE) CONNECTIONS



Installation Diagram

POWER / CAN CONNECTIONS

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



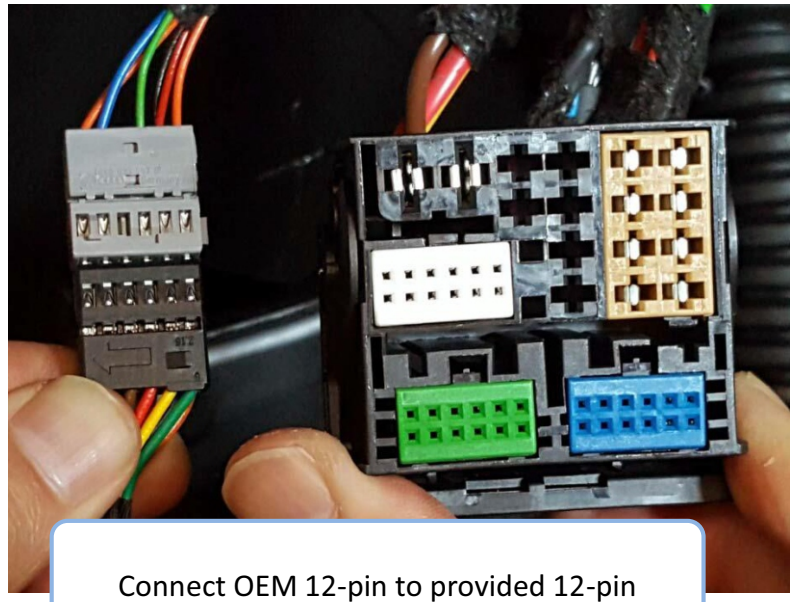
Interface wires	Connect to car	Location
Black	Chassis Ground	Radio plug
Red	ACC 12v (+)	Black/White or Black/Blue @ pass fuse box
*Green (Rev 12v in)**	*Reverse Lamp (+)*	

***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.*

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Menu Adjustments

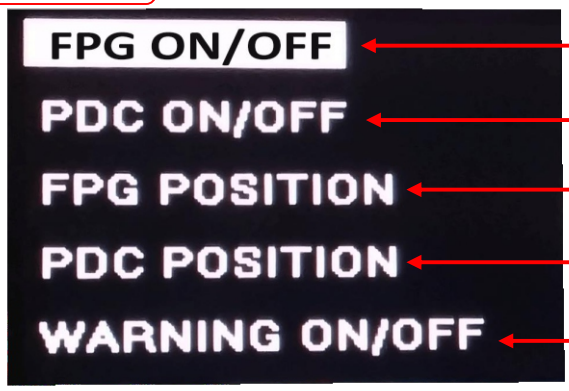
Before you start:

- 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 ***OR AUX Video*** mode (see below):
  - ***Reverse Camera Mode*** adjusts Reverse Camera Settings
  - ***AUX Video Mode*** adjusts AUX Video Settings
- 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).



Return (AUX VID menu control)

RVC Menu



Functional Parking Guidelines ON/OFF

Parking Distance Control ON/OFF (while in reverse)

Adjust FPG Position

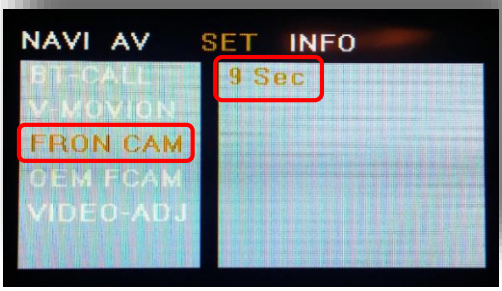
Adjust PDC Position

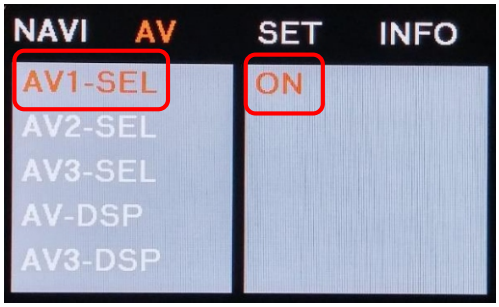
'Safe to move?' ON/OFF

PDC



AUX VIDEO Menu





If adding a front camera OR Aux Video source:

1. Disconnect POWER/CAN Harness from interface
2. Place DIP SWITCH 1 in the DOWN position, reconnect power
3. Press the ***"OK"*** button on the **Steering wheel** to activate *the Input*
4. Press ***OK*** button on remote 4 times, then press ***POWER***

SET – FRON CAM must be turned on if adding a *front camera* ***and the user wishes for automatic front camera switching.*** Options for 5, 7, 9 or 11 seconds are user-selectable for the length of time the front camera input stays active once the vehicle is placed out of reverse.

If the user wants only an AUX video input ***without front camera***, set dip switch 1 to on (down).

Once finished with settings, place DIP SWITCH 1 back into the ***UP position*** and reset power to interface.

Operation

- If a rear camera was installed, placing the vehicle in reverse will show the connected camera's image, with dynamic guidelines for convenience.
- See below for activating additional video inputs:



Press & hold *the "OK" button* for 2-3 secs to cycle through installed & active video input options. Order: ***OEM-AV1-OEM***

*Please ensure dip switch 2 is in the Down (ON) position.

(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

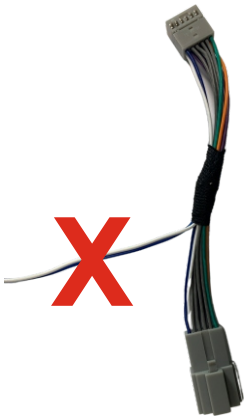
How To

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.

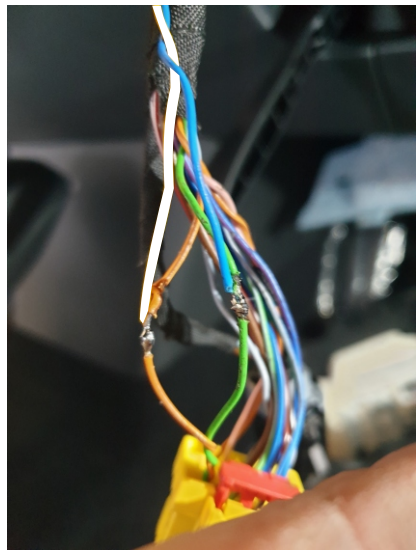
CUT OFF NOT USED



MIB3 HARNESS	-	**iD3 WIPER STALK**
BLUE WIRE (CAN HIGH)	-	GREEN WIRE
WHITE WIRE (CAN HIGH)	-	ORANGE/BROWN WIRE



WIPER PLUG



CAN CONNECTIONS