

BMW

NBT / EVO

Camera Video interface



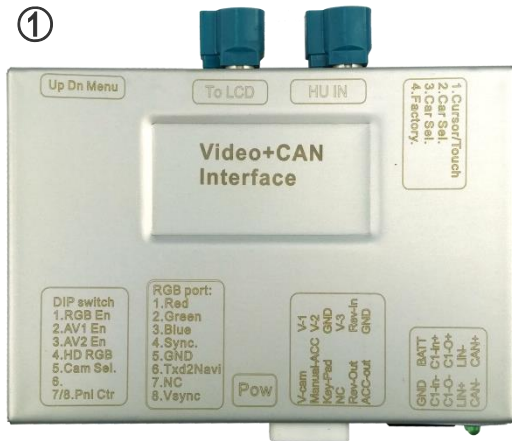
Product Name: CAM-BMW NBT (EVO)

Article code: 300 316

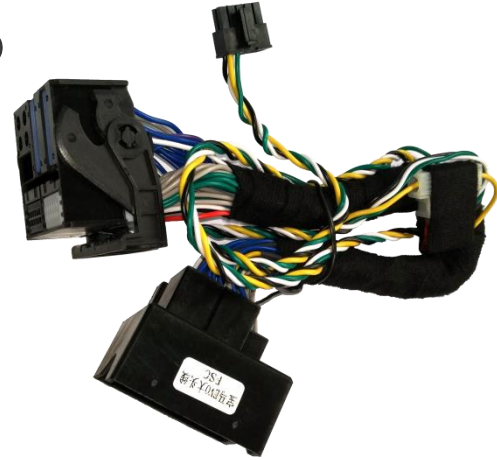
Car Types: BMW NBT / BMW EVO 6.5 inch screen, 8.8 inch screen, 10.2 inch screen; BMW 1 Series, 2 Series, 3 Series, 4 Series, 5 Series, 7 Series, X1, X3, X5, MINI, Z2, Z4, I3 between 2013 and 2018

Accessories:

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②



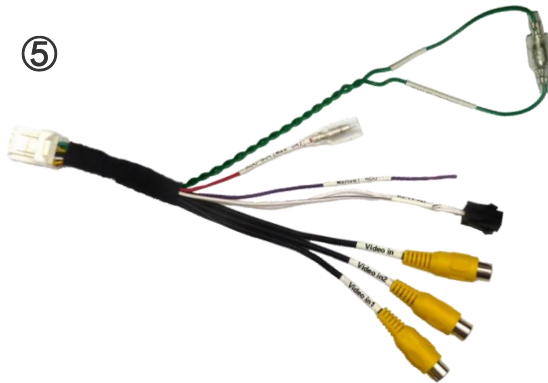
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④



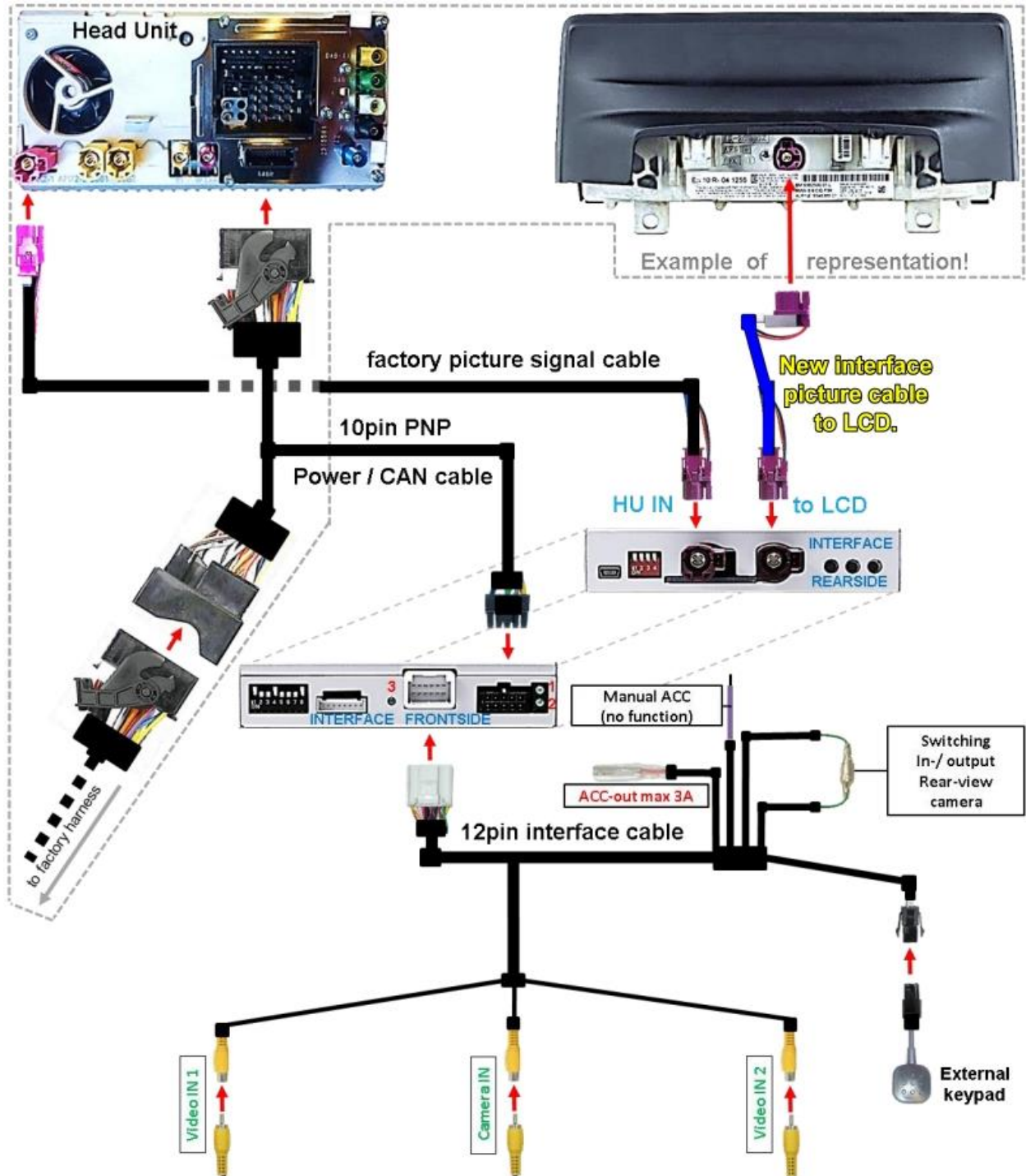
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Accessories list		
No.	Item Name	Qty
1	Interface Box	1
2	Power Harness	1
3	LVDS Cable	1
4	External Switch Button	1
5	RCA video harness	1

Connections:

Pull out the picture cable from the backside of the LCD and replace it to the HU connector of the interface. Then use the new supplied picture cable to make the connection between the LCD and interface LCD connector.



DIP-8 Settings

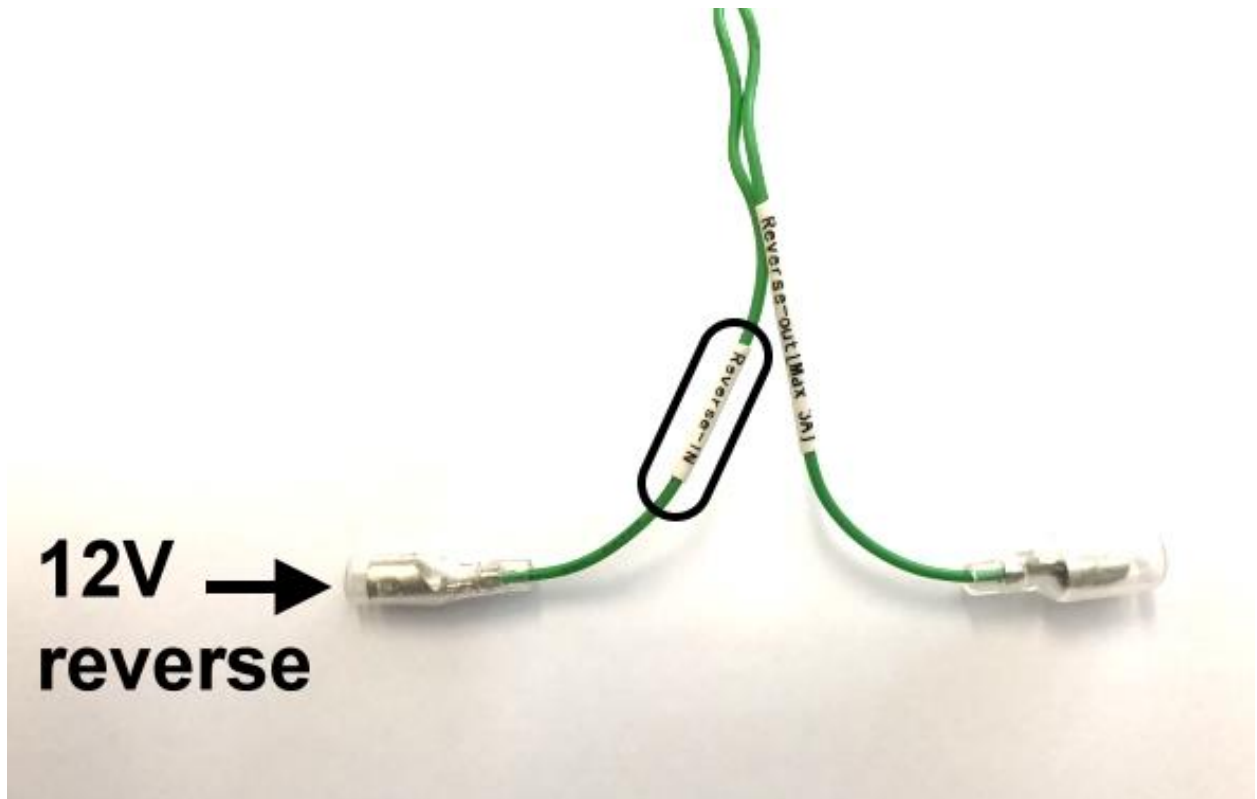
DIP Down= ON DIP UP= OFF			
DIP	ON	OFF	Default
1	PDC icon on	PDC icon off	Down
2	AV1-input activated	AV1-input skipped	UP
3	AV2-input activated	AV2-input skipped	UP
4	No function	No function	UP
5	After market REAR CAM	OEM reverse camera	Down
6	Active guidelines on	Active guidelines off	Down
7/8	Dip7 Up, Dip8 Up	10.25inch LCD	
	Dip7 Down, Dip8 Up	8.8inch LCD	
	Dip7 Up, Dip8 Down	6.5inch LCD	

Switching from OEM screen to external sources:

- Video 1/2: User may use the CALL-OFF key on the steering wheel to switch from OEM screen to external video sources.
- CAM: When put gear in Reverse the interface switches automatically to Reverse camera input, usually detected by CANbus system of the car.

Unfortunately sometimes reverse it's not reacting by CANbus because the car can have different CAN protocol/codes. Also the guidelines and PDC icon can not be guaranteed. In this case the reverse trigger wire of the interface should be connected with the analog reverse light signal like shown below, and turn off DIP 1 and 6.

When Reverse is not reacting by CANbus:




When display shows **NO SIGNAL** as below:



Change the RED dip switches 2 and 3 to get the BMW radio/navi image back on the screen.

If needed, try all the 4 possibilities (2+3 ON , 2+3 OFF , 2-ON/3-OFF , 2-OFF/3-ON).

After changing the DIPs please repower the interface.

DIP Down= ON DIP UP= OFF			
DIP	ON	OFF	Default
1	No function	No function	UP
2/3	Dip2 Up, Dip3 Up	EVO System	
	Dip2 Down, Dip3 Down	NBT System	
	Dip2 Up, Dip3 Down	NBT updated to EVO System	
4	No function	No function	UP