R04-7G.A3 Rear View Camera Interface

Version Information

Model Name	R04-7G.A3
Latest Firmware Date	2018 - 10 - 20
Manual Version	Rev. 2.3
Manual Release Date	2018 - 11 - 02

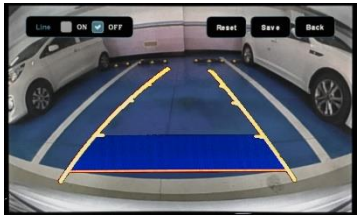
DIP Switch Settings

OFF / ON ON: ▼ OFF: ▲

No.1	Rear View CAM	ON(▼) / OFF(▲)
No.2	Front View CAM	ON(▼) / OFF(▲)
No.3	Selection of car model	ON(▼) / OFF(▲)
No.4	**Select PAS Line**	
No.5		
No.6	Selection of car model	ON(▼) / OFF(▲)

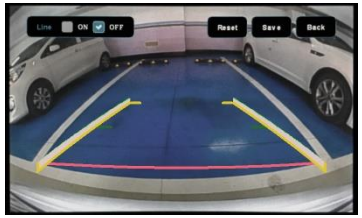
No.3	No.4	No.5	No.6	Car models
OFF(▲)	**Select PAS Line**		OFF(▲)	VW Golf (5.8-inch)
ON(▼)			OFF(▲)	VW Golf (8-inch)
ON(▼)			OFF(▲)	Golf / Polo(6.5-inch)
OFF(▲)			ON(▼)	Audi A3 (5.8-inch)
ON(▼)			ON(▼)	Audi A3 (7-inch)

Audi Style



No.4	No.5
OFF(▲)	OFF(▲)

Volkswagen Style_1



No.4	No.5
ON(▼)	OFF(▲)

Volkswagen Style_2

No.4	No.5
OFF(▲)	ON(▼)

Components

R04-7G.A3

POWER CAN Cable

LVDS Cable

RVC Cable

CVBS Cable

KEY PAD

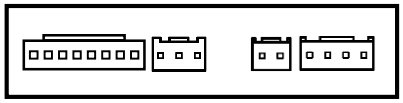
Setting Mode for Volkswagen

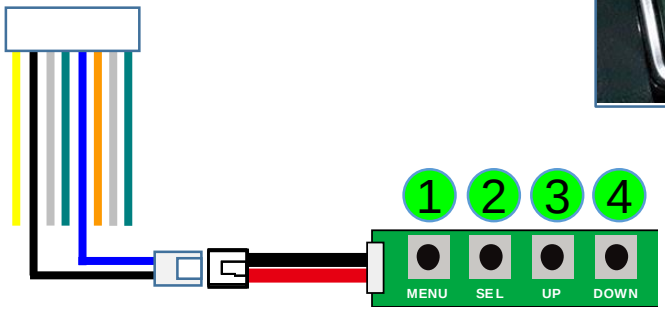
Steering wheel buttons

Buttons	Function
OK	Enter into the setting menu. (press the button 5 seconds)
	Select the setting menu and setting values.
	Back to previous menu.
Arrow buttons (△, ▽, ◁, ▷)	Move the menu-pointer and Adjust the setting values.
Down arrow button(▽)	Change the mode to FVC(AV1) (press the button 2 seconds)

Setting Mode for Audi A3 , Volkswagen

POWER / CAN





Steering wheel buttons

Button	Function
MENU 1	Enter into the setting menu. (press the button 5 seconds)
SEL 2	Select the setting menu and setting values.
UP 3	Move the menu-pointer and adjust the setting values
DOWN 4	Move the menu-pointer and adjust the setting values
i NAV	Change the mode to FVC(Front View Camera / AV1), when press the button 2 seconds.

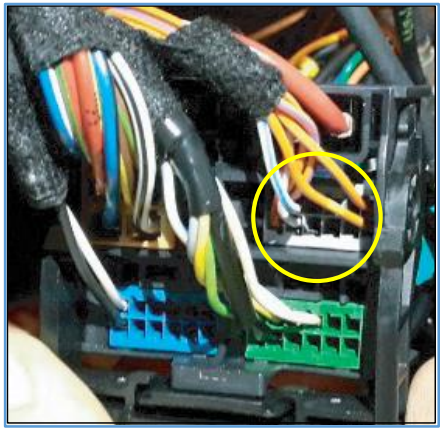
INDIWORK
INDIVIDUAL WORKSHOP

R04-7G.A3 Rear View Camera Interface

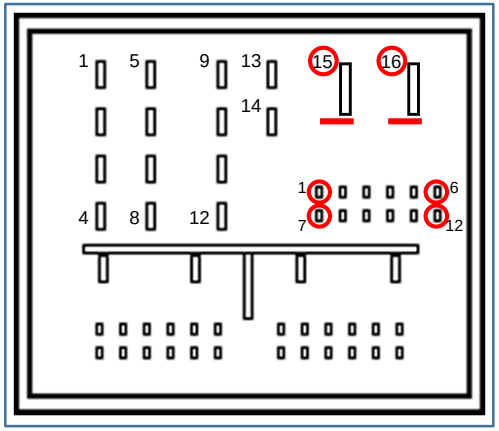
INDIWORK
INDIVIDUAL WORKSHOP

Installation Diagram

Head Unit(in the glovebox) – Main connector



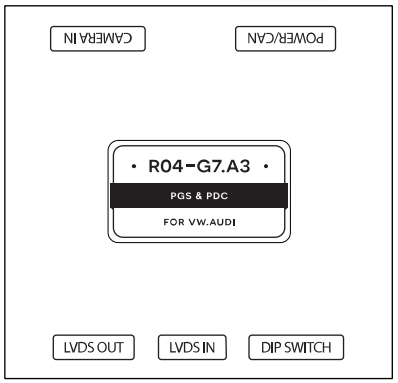
CAN wires Information

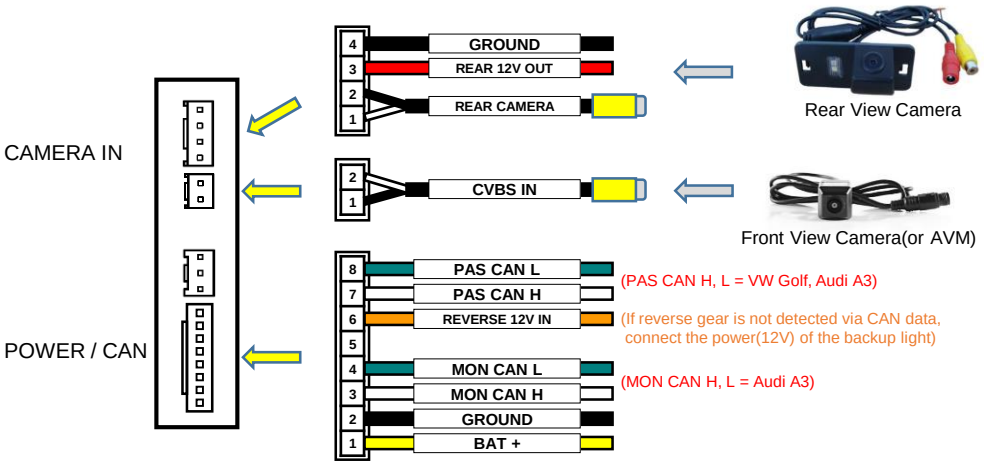
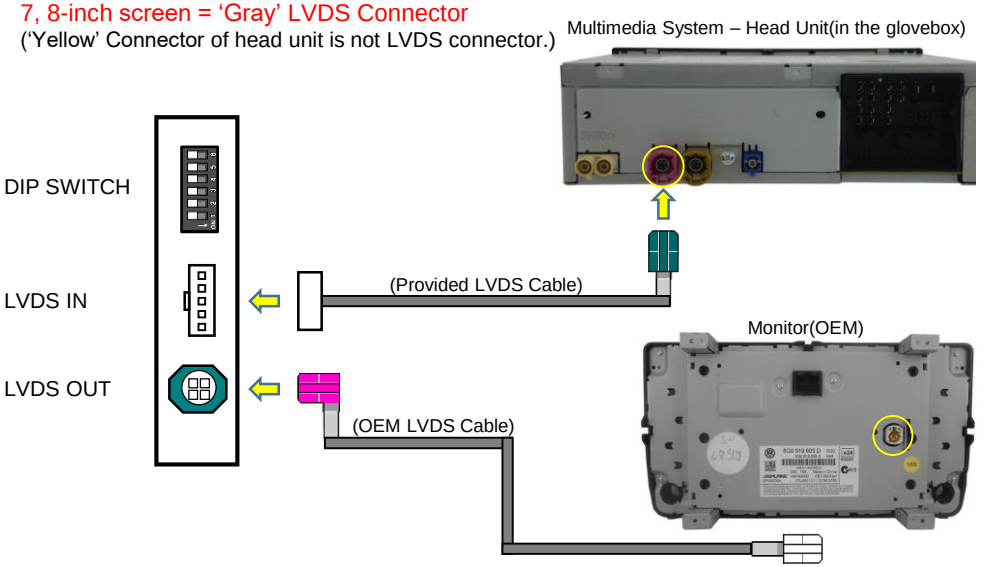


GROUND(Black)
BAT+(Yellow)
PAS CAN H(White)
PAS CAN L(Green)
(*Audi A3) MON CAN H(White)
(*Audi A3) MON CAN L(Green)
REVERSE 12V IN(Orange)✖
(*Not necessary)

Pin # 15 = GND(Brown)
Pin # 16 = B+ POWER(Red)
Pin # 6 = CAN HIGH(Orange / Purple)
Pin # 12 = CAN LOW(Orange / Brown *Yellow dotted line)
Pin # 1 = MON CAN HIGH(Orange / Black)
Pin # 7 = MON CAN LOW(Orange / Brown *Blue dotted line)
*You should connect the 'MON CAN wires' in case of 'Audi A3' only.

*The wires color might be different depends on models.
You have to splice the CAN wires with twisted wires each pins exactly.





5.8-inch screen = 'Purple' LVDS Connector
7, 8-inch screen = 'Gray' LVDS Connector
('Yellow' Connector of head unit is not LVDS connector.)