

Installation Manual

Multimedia Interface for DODGE/JEEP 2018



Compatibility:

DODGE & JEEP 8.4"
New U-Connect 2018~

Components:

Interface Main*1
Sub Board*1

Interface Input / Output specification :

Input: LCD INPUT(CAR SYSTEM)*1
LVDS IN(NAVIGATION, CARPLAY)*1
CVBS(Front Camera)*1
CVBS(Rear Camera)*1

Output: LCD OUTPUT(CAR SYSTEM)*1

Power Spec:

Input Power: 8VDC ~ 18VDC
Consumption: 3.5WATT

Switch input mode:

1. External video sources skip function: Able to control input videos on and off via Dip switches
2. Able to switch videos via the remote, button switch and original OEM button
3. Able to detect the rear view camera by CAN or rear lamp cable

Product Composition



Dodge-5ch-ex
(QCPASS1378)

Multi Cable
(HARETC0305)

IR Cable
(HIRCAB0002)

Remote Control
(REMOTE0001)

Support Bracket
(PRESET0811)

Button Cable
(HARETC0001)

Jack by Jack Cable (HARETC0318) *(Optional)* Touch Cable (HARETC0268) *(Optional)*



Dodge-5ch-sub
(QCPASS1314)



FFC cable 68P
(FFCABL0082)



FFC cable 40P
(FFCBAL0039)

Remote Control



Key	Function
POWER & PIP	No use
MENU	Activate FACTORY mode
OK	Select, Changing image display
▲	Move up
▼	Move down
◀	Move left(Access to the factory mode if you press this button more than 2 seconds)
▶	Move right (Activate the data reset if you press this button more than 2 seconds)

● Factory setting



Adjust a current screen position and size.

BRIGHTNESS : Adjust brightness of screen

CONTRAST : Adjust contrast of screen

SATURATION:

Adjust the color combined with light intensity.

SHARPNESS: Adjust sharpness



Adjust rear view camera setting.

PAS TYPE : Select type of parking guide line

- *NOT USED* : No use parking guide line
- *PAS ON* : Selecting Dynamic parking guide line
- *PAS OFF* : Selecting fixed parking guide line

REAR TYPE : Choose rear camera recognition.

- *CAN* : By connecting to "CAN" cable of the car gear, changing to rear camera mode when shifting into reverse. (Connect "CAN" cable of the power cable to the "CAN" cable of the car gear.)
- *LAMP* : By connecting to the rear lamp of the car, switch to rear camera mode when shifting into rear. (Connect "Rear-C" cable of the power cable to the rear lamp of the car.)

PAS SETUP : Adjusting the position of the parking guide line

● Factory setting



FUNCTION

FACM FUNC : Set up Fcam Function ON / OFF

FCAM TIME : Set up time to show F cam



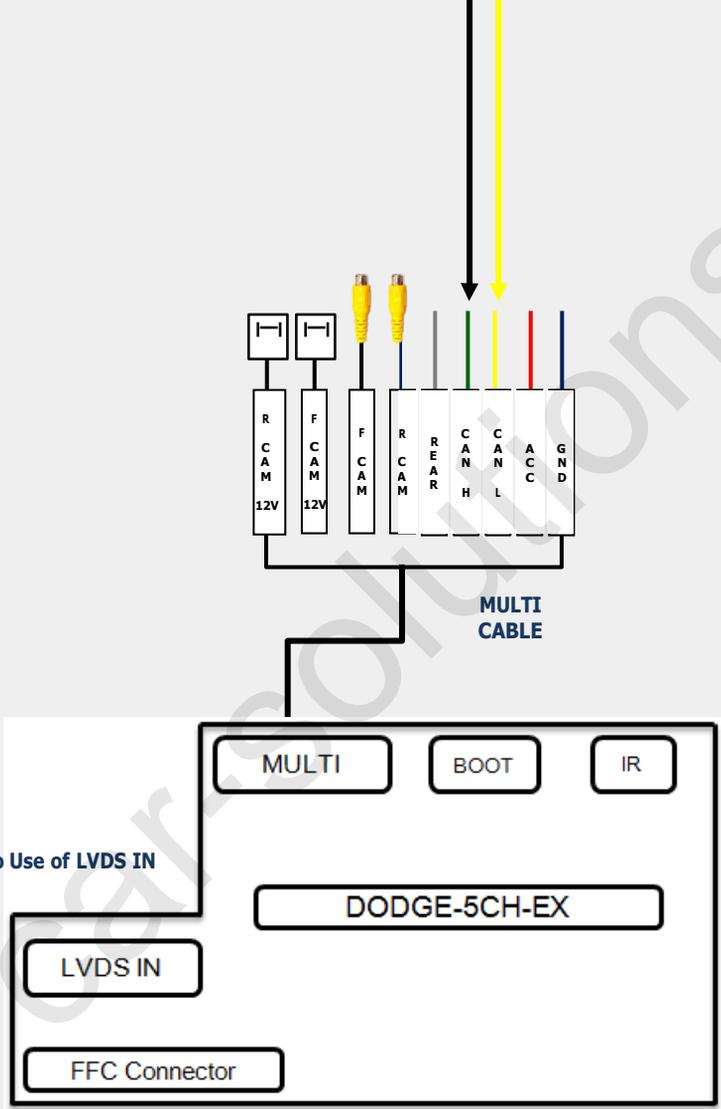
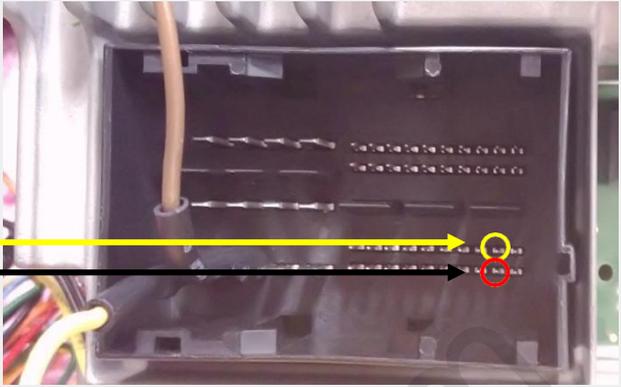
System version information

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● Installation Diagram & CAN wiring

CAN Connection is same as below.

1. CAN H wire on supplied Multi cable should be wired on OEM wire of the pin in red round.
2. CAN L Wire on supplied Multi cable should be wired on OEM wire of the pin in yellow round.



** Jack by Jack Cable (HARETC0318) is Optional.
If use jack by jack power connection, then no need to wiring cable as above.*

● Activation with OEM Button

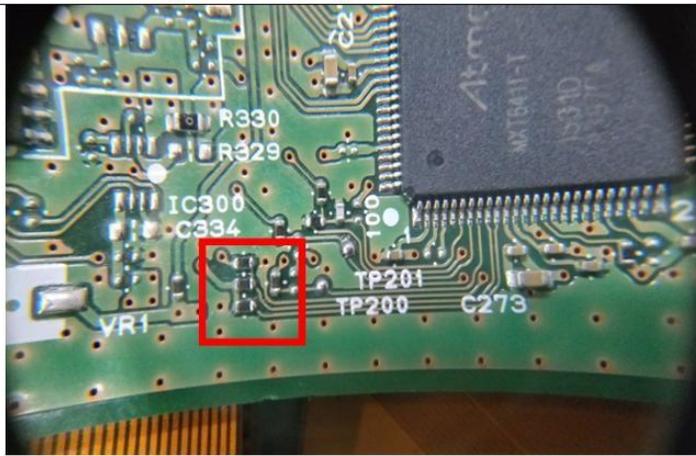


* Press `MODE_BUTTON_BROWSE_ENTER_BUTTON` for 3sec long for mode change.

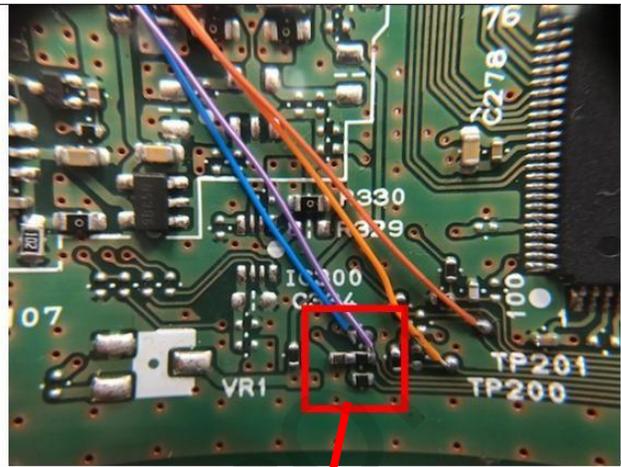
car-solutions.com

● Touch cable soldering point

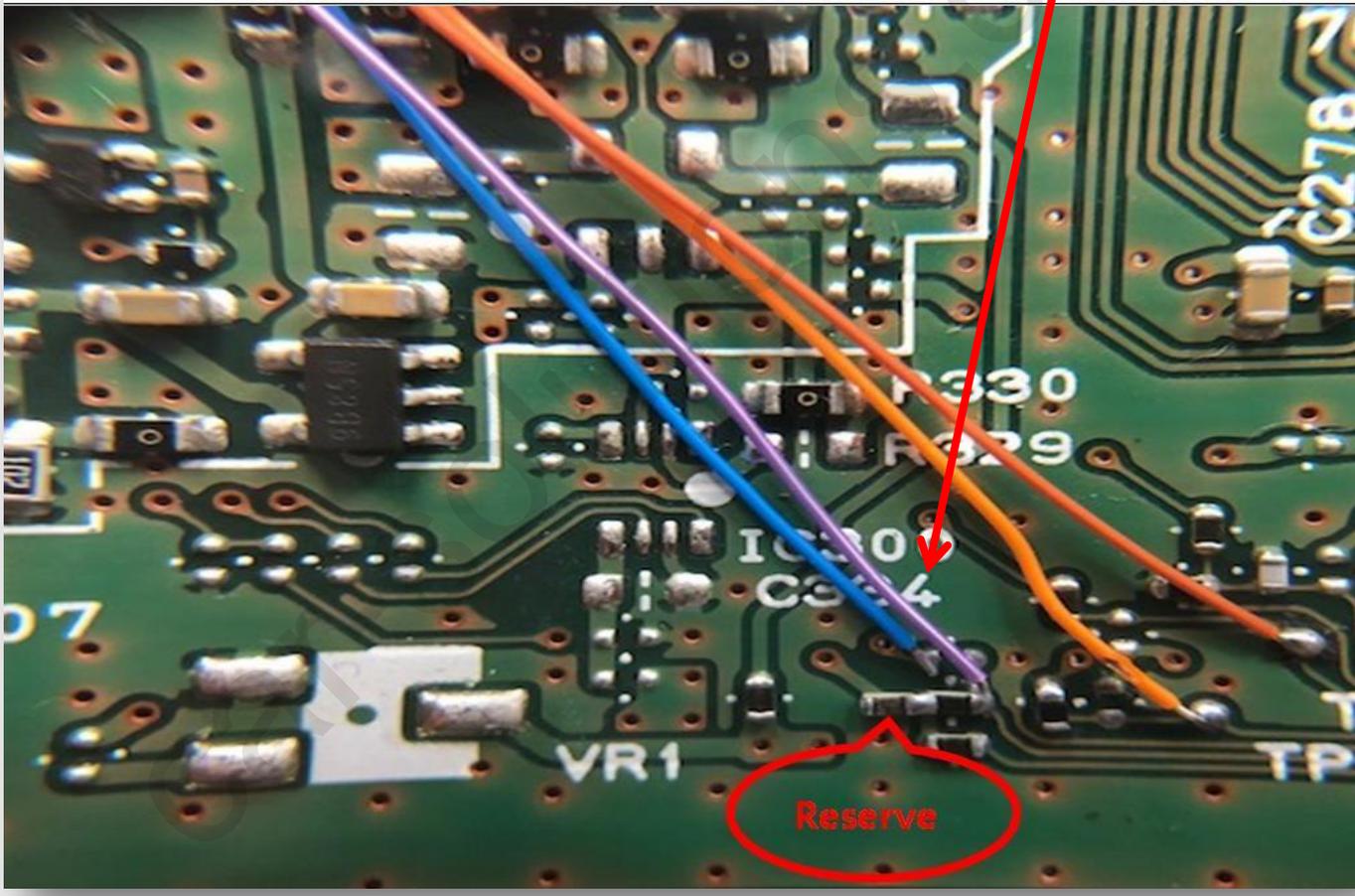
1. Original touch point



2. Touch cable connection

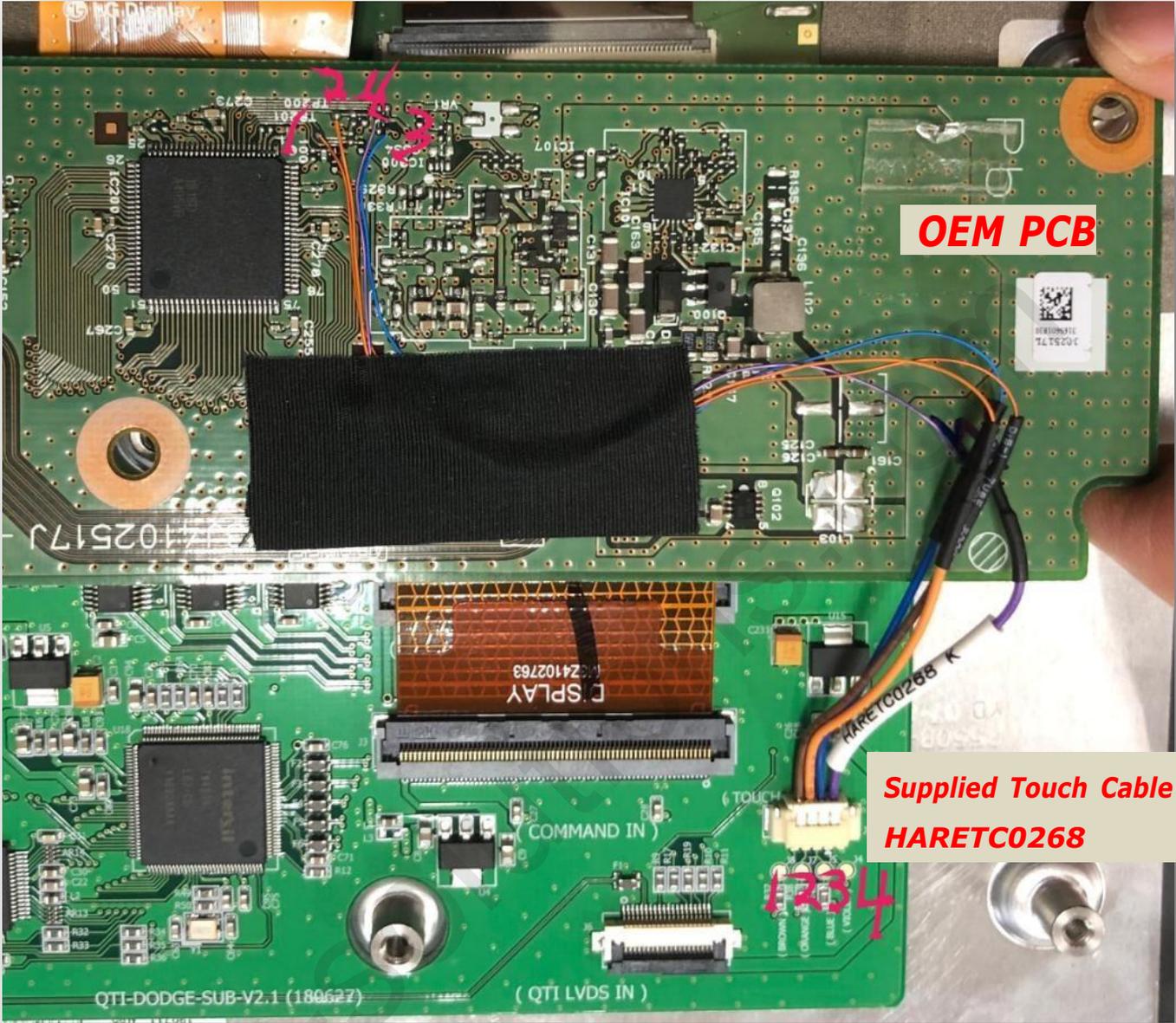


※ TOUCH POINT



1. Remove the first resistance on the OEM PCB and reserve it to the side of second resistance in case
2. Solder blue cable to the right pin of the place where first resistance removed as above

● Touch cable soldering point diagram



* Please notice the number of pin location

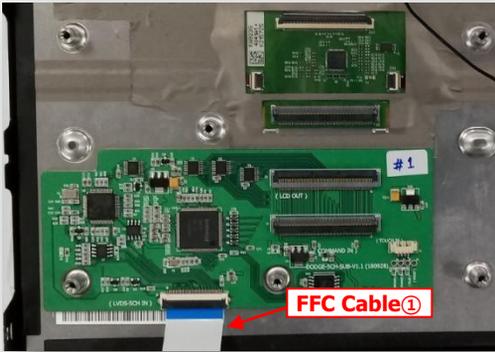
●Installation Guide



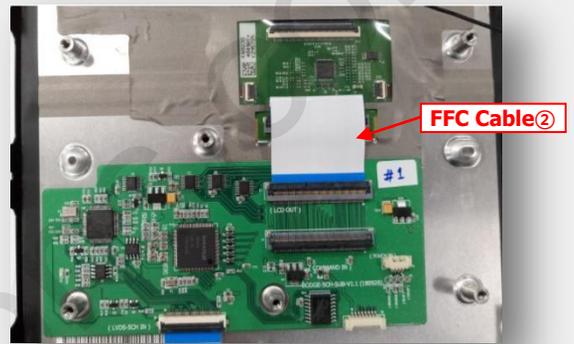
Please disassemble the monitor.



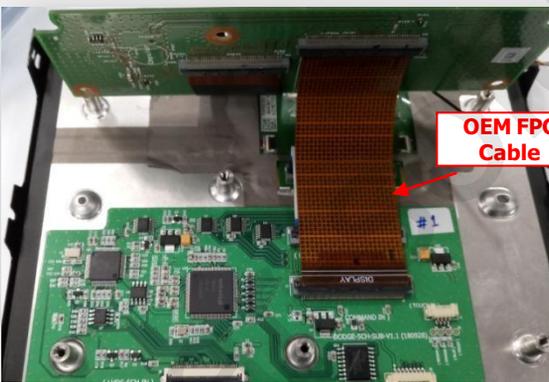
After disassembling, please place Sub board like the picture.



Please connect supplied FFC cable to the sub board.



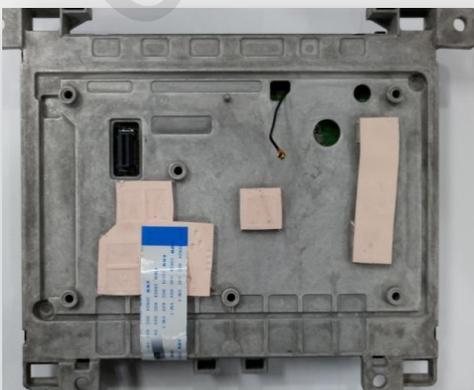
After that, please connect supplied FFC cable ② to OEM board.



Please connect OEM FPC cable like picture.



After that, the looking is same like above.



Please assemble OEM cover.



Please connect OEM FPC cable like above.

●Installation Guide



Please assemble OEM PCB.



Please assemble last OEM PCB.



Please assemble back cover.



Please connect supplied sub board like above.

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• Cautions before Installation

1. *Ignition key should be taken off before starting installation, interface power connection must be the last step in installation.*
2. *Power cable should be separated when connecting interface.*
3. *Should be no any electronic devices or magnetic pole around installation place.*
4. *All steps of installation should be done by well-trained specialist.*
5. *Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)*
6. *Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.*
7. *According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.*

• Trouble shooting

Q. I cannot change mode

A. Check connection of Ground cable and IR Cable. Check LED lamp is on, if not check connection of POWER cable.

Q. All I got on the screen is black.

A. Check second LED lamp of the interface is on, if not, check A/V sources connected are working well. (Second lamp indicates AV sources connected works well) Check interface connection has been done well.

Q. Displayed image color is not proper (too dark or unsuitable color)

A. Press ► button on the remote control for 2 seconds and check how it goes, if it does not work, inform to manufacturer.

Q. I cannot watch the rear camera on the screen

A. Set the DIP switch #7 as state "ON".

Q. Set mode not appear

A. Check DIP Switch.

Q. OEM image is not displayed.

A. Check interface's LCD In/Out cable connection. If the status keeps on, inform to manufacturer.

Q. Screen only displays white color.

A. Check LCD out cable is connected well, if this status keeps, inform to manufacturer.

Q. If no image is shown on screen after connecting CAN wire with Park gear.

A. Go on the "FACTORY MODE", check "UTIL-Rear Select". If "LAMP", change the setting as "CAN" with the remote control. (* when connecting Rear-C wire of LAMP power cable to Backup lights, Setting should be like this / CAN : if controlling rear camera with CAN wire)