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TECH SUPPORT 833-AIS-TECH

AUTOMOTIVE INTEGRATION SOLUTIONS

FD42MVMOD

6CH CAMERA INTERFACE FOR

FORD'S 4.2" RADIO W/SYNC

WARNING

RADIO MUST HAVE A FACTORY REAR THE FACTORY REAR CAMERA IN ORDER FOR THIS PRODUCT TO BE COMPATIBLE.
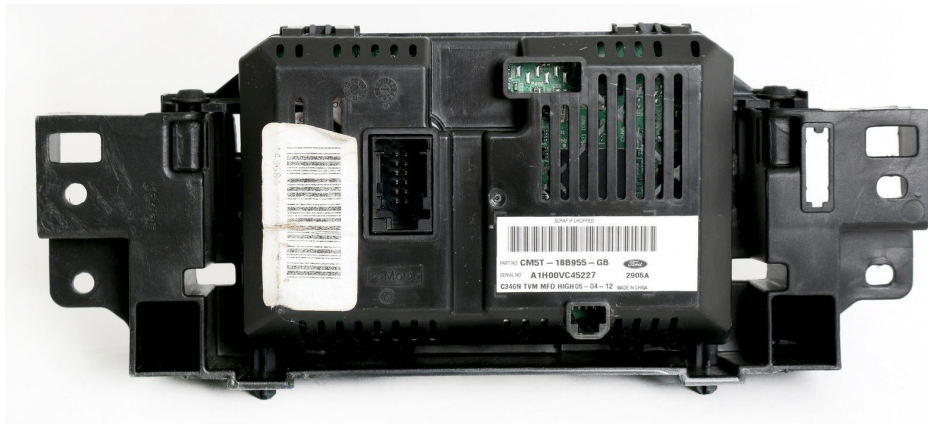
Applications

2016—2019 FORD SYNC ONE PIECE 4.2" FULL COLOR SCREEN

FORCE ACTIVATING THE CAMERAS

To force view any of the cameras installed (except the side cameras), press and hold the "SEEK UP" button for 3 seconds to turn on this feature, a quick press of the same button will then toggle to the other cameras.

NOTE: *To toggle between backup camera, cargo camera and trailer camera while in reverse gear, press and hold the SRCE button for 2-3 seconds to enter this mode, a quick press of the same button will then toggle to the other cameras.*

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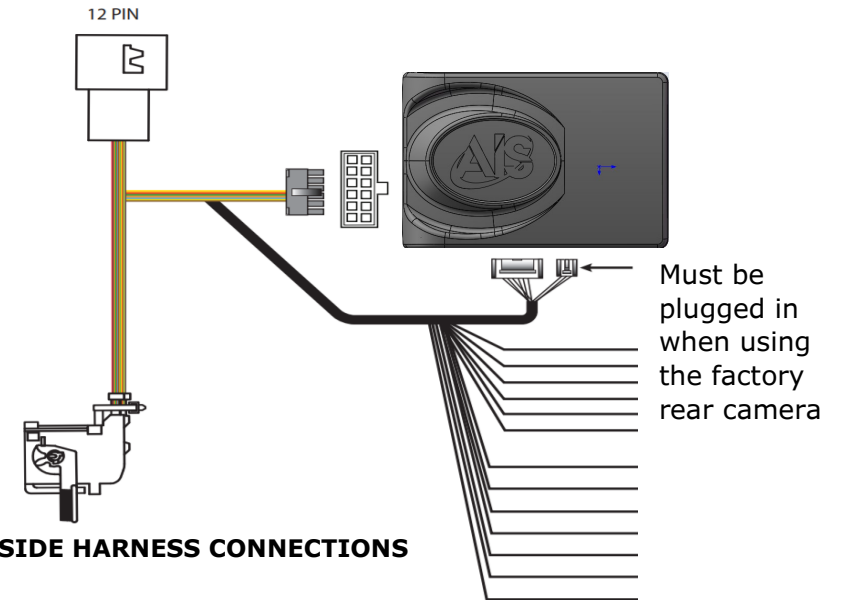
ACTIVATING TURN SIGNAL CAMERA

To enable the Left and Right turn camera view feature when the turn signal is on, you must first:

To turn OFF/ON the automatic camera trigger function, ***ACTIVATE*** the turn signal to be turned OFF/ON then press and hold the SEEK DOWN button on the SWC.
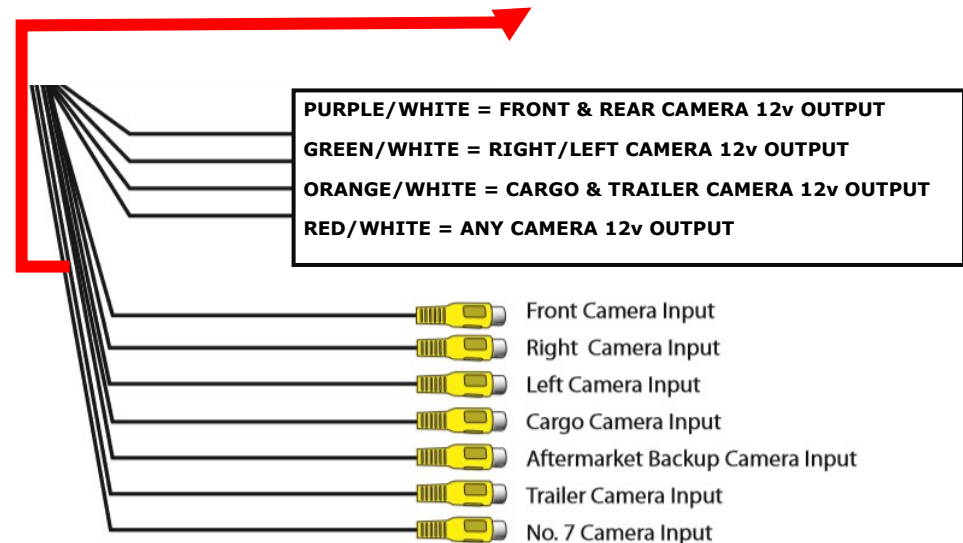
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Wiring Diagram and Installation

CAR SIDE HARNESS CONNECTIONS

12 PIN

Must be plugged in when using the factory rear camera

RADIO SIDE HARNESS CONNECTIONS

PURPLE/WHITE = FRONT & REAR CAMERA 12v OUTPUT

GREEN/WHITE = RIGHT/LEFT CAMERA 12v OUTPUT

ORANGE/WHITE = CARGO & TRAILER CAMERA 12v OUTPUT

RED/WHITE = ANY CAMERA 12v OUTPUT

Front Camera Input
Right Camera Input
Left Camera Input
Cargo Camera Input
Aftermarket Backup Camera Input
Trailer Camera Input
No. 7 Camera Input

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DIP SWITCH SETTINGS

NOTE: IF THE DIP SWITCHES ARE CHANGED, THE INTERFACE MUST BE DISCONNECTED AND RECONNECTED TO RESET.

Before you connect the interface to the T-Harness, make sure to set the dip switches first. Simply flip the dipswitch to the "ON" position on what cameras you want to activate.

DIP SW #	ON	OFF
1	N/A	SET TO OFF
2	FRONT CAMERA (ON)	FRONT CAMERA (OFF)
3	LEFT CAMERA (ON)	LEFT CAMERA (OFF)
4	RIGHT CAMERA (ON)	RIGHT CAMERA (OFF)
5	CARGO CAMERA (ON)	CARGO CAMERA (OFF)
6	TRAILER CAMERA (ON)	TRAILER CAMERA (OFF)
7	CAMERA INPUT 7 (ON)	CAMERA INPUT 7 (OFF)
8		SET TO OFF

WIRING

Step 1) Remove the factory 4.2" screen, disconnect the main harness and plug the T-Harness into the radio and car side wiring harness.

Step 2) Set the DIP switches to the "ON" position according to what cameras you are installing .

Step 3) Connect the 12v + from the camera to the corresponding wire color.

PURPLE/WHITE = FRONT & REAR CAMERA 12v OUTPUT

GREEN/WHITE = RIGHT/LEFT CAMERA 12v OUTPUT

ORANGE/WHITE = CARGO & TRAILER CAMERA 12v OUTPUT

RED/WHITE = ANY CAMERA 12v OUTPUT

Step 4) Connect the camera RCA to the corresponding RCA input.

Step 5) Plug interface into the T-Harness. If REAR factory camera is present **MAKE SURE** to plug the white 6 pin connector into the interface. You must activate RT/LT cameras before they will work. (see activating side cameras)

NOTE: *If you are installing an aftermarket rear camera **DO NOT** plug the 6pin white connector into the interface.   Instead plug the RCA from the camera into the aftermarket rear camera RCA input.*

Step 6) Reinstall radio and test.

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