

**Backup Camera Interface for 2015 to current
Mercedes Benz
(Kit # 9002-2776 v2)**

Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:

9002-2776 v2 module
LVDS video input cable
Power/Camera and CAN T-harness
These instructions

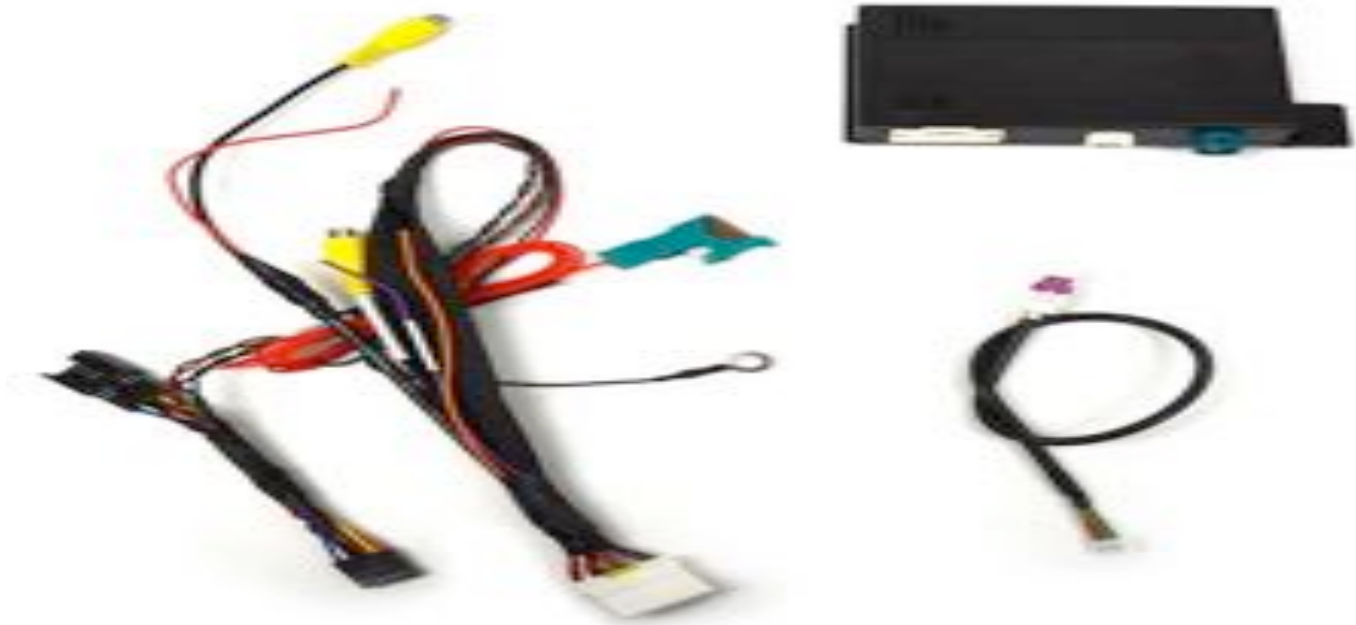
Tools & Supplies Needed:

Wire strippers
Wire cutters
Electrical tape
Zip ties
Plastic panel removal tools
Screwdriver
Socket set
Wrench

Safety Precautions:

- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.

NOTE: We strive to provide accurate and up-to-date installation instructions. For the latest full color instructions, as well as an installation video, please visit www.brandmotion.com



INSTALLATION INSTRUCTIONS

1. Remove the trim around the main command unit.
2. Remove the main command unit from the dash to gain access to the plugs on the backside of the unit.
3. Locate the main power harness and disconnect.

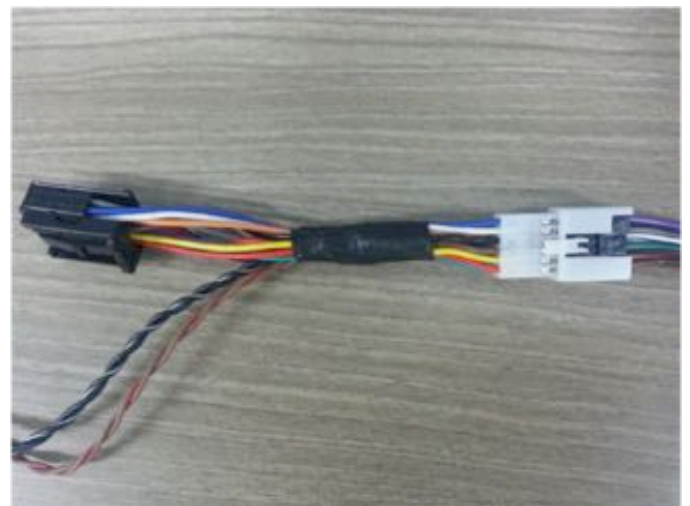


4. Separate the factory main connector and remove the small connector in the upper corner of the power harness.
5. Then remove the outer plastic sleeve from the connector to insert the new connector from the T-harness.



6. Insert the male connector from the T-harness into the factory plastic sleeve.

7. Insert the sleeve with the male connector from the T-harness into the factory main power connector.



8. Plug the factory connector that was removed into the female end of the T-harness.
9. The RED wire will be connected to accessory 12-volt power. (It can be splice to an accessory wire or tapped into the factory fuse panel.)



Power connection at fuse panel on passenger floor in CLA



Fuse plugged in on a 2015 C class

10. The BLACK wire will be connected to a good clean ground.
11. The ORANGE wire will be connected to reverse trigger. (*Only if the interface will not trigger through CAN.*)
12. The WHITE wire will be connected to a switch to turn on the front camera input (with +12 volts.) Or connect to the positive 12 volt turn signal wire if not triggered through CAN.
13. The PURPLE wire is **not** used in this install.
14. On the back of the main command unit unplug the LVDS connector labeled DISP (it is normally blue.)

INSTALLATION INSTRUCTIONS

15. Plug the LVDS connector from the 9002-2776 into the plug where the factory one was just removed.
16. Plug the Molex plug on the LVDS cable included in the 9002-2776 in to the connector labeled LVDS OUT.



17. Plug the factory LVDS cable into the connector on the interface module labeled LVDS IN.
18. Connect the camera RCA to the RCA not labeled or to the one labeled Rear Cam.
19. Adjust the DIP switches for model of vehicle using guide at end of these instructions. ALWAYS disconnect power any time DIP switches are changed. Connect power harness to interface and test system by placing vehicle in reverse.
20. Re-assemble vehicle by reversing previous steps.



*PLEASE MAKE SURE TO READ BELOW SETTINGS CAREFULLY BEFORE INSTALLATION.
 *ALL SETTINGS (COMBINATIONS) MUST BE PROPERLY SWITCHED BEFORE INSTALLATION WITHOUT POWER CONNECTION TO THE VIDEO INTERFACE
 * PLEASE PLUG OUT THE POWER CONNECTOR WHEN YOU WANT TO MAKE DIP SWITCH SETTING CHANGES AFTER INSTALLATION

No	Dip Switch Numbers								Function
	1	2	3	4	5	6	7	8	
	ON	OFF	OFF						A, B, CLA, GLA 7" Screen / CLS 8" Screen
	OFF	ON	OFF						E-CLASS (W212) 7" Screen
	ON	ON	OFF						NOT USED
	OFF	OFF	ON						NOT USED
	ON	OFF	ON						C-Class (W205) / GLC 7" Screen
	OFF	ON	ON						C-Class (W205) / GLC 8.4" Screen
	ON	ON	ON						NOT USED
Front Camera				OFF					Front Camera (BSD) ON
				ON					Normal Video Input
Reverse Detection					OFF				Manual Trigger for Reverse OFF (By Can signal)
					ON				Manual Trigger for Reverse ON
Front Detection						OFF			Can signal detection (Automatic)
						ON			Manual Trigger Detection
Rear View Camera							OFF		Aftermarket Rear View Camera installation
							ON		Using OEM Rear View Camera
PDC Image								OFF	Parking Sensor Image OFF
								ON	Parking Sensor Image ON (R-CAM Screen)