

**Backup Camera Interface for MERCEDES
(Kit # 9002-2775 v2)**

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

Items Included in the Kit:

9002-2775 v2 module
LVDS video input cable
Power/Camera 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:

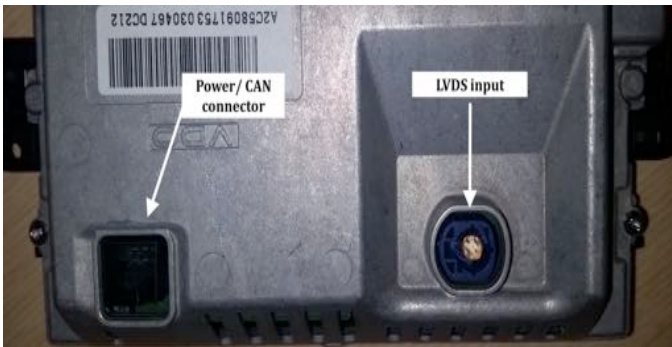
- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which 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 dash trim to gain access to the screws that mount the screen into the dash.
2. Remove the 4 screws that hold the screen into the dash.
3. Remove screen and the 2 harnesses connected to the back of it. Set aside in a safe place.
4. The round connector on the back of the screen is the LVDS video connector.
5. The square connector on the back of the screen is the CAN/power connector.



6. Plug the male LVDS harness from the 9002-2775 kit into the factory plug.



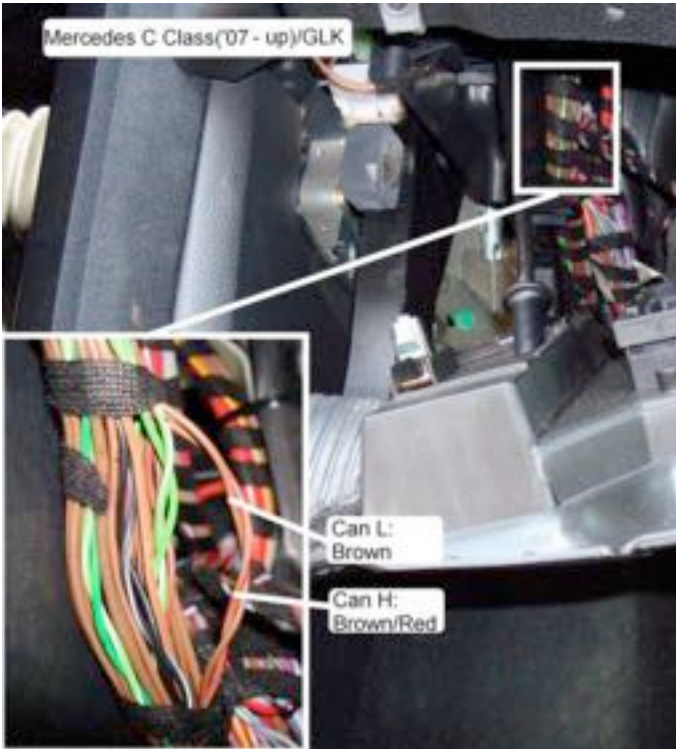
7. The other end of the harness will plug into the interface module labeled LVDS out.
8. Connect the factory LVDS connector

9. Plug the male end of the T-harness of the 9002-2775 into the power/Can connector on the factory screen.



10. Plug the factory plug into the female connector on the T-harness from the 9002-2775.
11. Connect the RED wire to accessory. Accessory can be found at the power point or in the kick panel area.
12. Connect the BLACK wire to ground.
13. Connect the PURPLE wire to a switch to trigger the front camera input on to a turn signal +12 volts to trigger a blind spot camera.
14. Connect the ORANGE wire to the reverse wire +12 volts (only if the interface is not triggering through CAN.)
15. Connect the BROWN wire and BROWN/RED wire in the passenger/driver kick panel. *(They are Hi and Lo CAN wires and will match the wire colors in the vehicle at the CAN HUB or twisted wires on their own.)*

INSTALLATION INSTRUCTIONS



16. Connect the back up camera RCA to the yellow RCA labeled REAR CAM on the power harness.

17. Connect the front or blind spot camera RCA to the yellow RCA labeled FRONT/BSD CAM on the power harness.
18. Connect the power for the camera to an accessory wire that is +12 volts anytime the key is turned on.
19. Adjust the DIP switches using the guide at the end of these instructions for vehicle type and options. Disconnect power plug from interface, then plug back in and test by placing vehicle in reverse.



※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	
Car Model Selection	OFF	OFF	OFF						All OEM 5.8" Screen vehicles
	ON	OFF	OFF						All OEM 7" Screen vehicles
	OFF	ON	OFF						B, CLA, GLA, ML(128kb) 5.8" Screen
	ON	ON	OFF						NOT USED
	OFF	OFF	ON						GLK, ML 5.8" Screen
	ON	OFF	ON						GLK, ML 7" Screen
	OFF	ON	ON						NOT USED
	ON	ON	ON						NOT USED
Front Camera				OFF ON					Front Camera (BSD) ON Normal Video Input
Reverse Detection					OFF ON				Manual Trigger Wire Use OFF (By Can signa Manual Trigger Wire Use ON
Front Detection						OFF ON			Can signal detection (Automatic) Manual Trigger Detection
Rear View Camera							OFF ON		Aftermarket Rear View Camera installation Using OEM Rear View Camera
PDC Image								OFF ON	Parking Sensor Image OFF Parking Sensor Image ON (R-CAM Screen