RVCMB-78

WORKS WITH ANY
4-PIN LVDS CONNECTER

MERCEDES BENZ:
2013 - 2013 B-class (W246)
2012 - 2013 C-class (W204)
2012 - 2013 C-class (C204)
2012 - 2013 E-class (W212)
2012 - 2013 E-class (C207)
2012 - 2013 S-class (W221)
2012 - 2013 CLS (C218)
2011 - 2013 GLK (W204)
2012 - 2013 ML (W166)
2012 - 2013 S-class (W221)
2012 - 2013 SLK (R172)
2013 - 2013 SL (R231)

MERCEDES BENZ:
4-PIN LVDS CONNECTER
WORKS WITH ANY
RADIO DISC
NAVI TEL
CONNECT BEHIND
DISPLAY
Gray = Connect to Pin 12 for signal.
Brown = Connect to Pin 6 for signal.
From the reverse interface 10-Pin connector:
Wires on the factory connector behind the radio.
To activate the directional parking lines the installer must tap (2)
Connections. For powering up the camera, use the 12v output wire
into the trunk/cargo area.

TOOLS NEEDED:
- Hex Screw Set
- Phillips Screw Driver

INSTALLING THE CAMERA AND INTERFACE
1. Remove the rear lip panel.
2. Drill a 5/8 size hole in the location.
3. Fish the wires through the drilled hole and through the pass through
into the trunk/cargo area.
4. Remove the factory radio to gain access to the factory connectors.
5. Route the wires towards the radio and make the power and video
connections. For powering up the camera, use the 12v output wire
from the reverse interface.

PARKING LINES
To activate the directional parking lines the installer must tap (2)
wires on the factory connector behind the radio.
From the reverse interface 10-Pin connector:
Brown = Connect to Pin 6 for signal.
Gray = Connect to Pin 12 for signal.

OPTIONAL AUDIO INPUT FOR AUX
If the installer would like to grab the audio input of the vehicle behind
the radio rather than at the center console, we provide you the pinout.
Extra RCA cables and wires are needed for this process. Not included.

SWITCHING VIDEO INPUTS
To toggle through the video inputs on the interface please do the
following:
1. Above the media knob, Press the CLEAR button for 2 seconds to
toggle through the sources.
Menu order goes as follows: RGB - AV1 - AV2

SELECTING THE IR CODE
Press the IR button on the left side of the LVDS interface to select your
radio code. There are a total of ten different radio code settings set on
this interface. For more information please contact tech support.

TROUBLE SHOOTING
1. No video display while in reverse.
- Make sure the dip switches are in the correct position. More support contact us.

SELECTING THE IR CODE

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- Make sure the dip switches are in the correct position. More support contact us.

SELECTING THE IR CODE
REAR-VIEW INTEGRATION w/ CAMERA FOR MERCEDES BENZ 2011-2013

COMPATIBLE RADIOS:

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4-PIN LVDS CONNECTER

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DIP SWITCHES | ON (Down) | OFF (Up)
--- | --- | ---
DIP 1 | RGB Input Enable | RGB Input Disabled
DIP 2,3 | AV1/2 Input Enable | AV1/2 Input Disabled
DIP 4 | RGB Input = VGA Resolution 800 x 480 | RGB Input = NTSC resolution 480 x 240
DIP 5 | AV4 video is selected when GREEN wire goes to 12V | Vehicles OEM display is selected when GREEN is connected to 12v.
DIP 6 | Not Used/ Set to OFF | Not Used/ Set to OFF
DIP 7,8 | 7 = Up, 8 = Up | 7 = Up, 8 = Down

DISPLAY SETTINGS:
The interface allows you display settings on the LEFT hand side of the interface.

Buttons Available:

Hold the menu button to enter the display settings. Use the (+) and (-) buttons to adjust up or down.

Display Options:
- Parameter OSD
- Brightness
- Contrast
- Saturation
- Position H
- Position V
- AV1
- AV2
- RGB
- Dynamic Guide Lines

NO 8-PIN FACTORY CONNECTOR
If the vehicle you are in does not have the factory 8-Pin connector, the installer must cut the 8-Pin connector and solder the wires directly to the factory 40-Pin harness.

See overview for what wires to solder on the harness.

Wire Color Codes:
- Pink = CAN-HI
- Pink/Black = CAN-LOW
- Yellow = Constant 12v
- Black = Ground

CUT HERE
1. Open the trunk and remove (4) phillips head screws from the plastic bezel that surrounds the trunk lock. Disconnect and remove.

2. Disconnect the 8-Pin BLACK and 4-Pin BLUE LVDS connectors from the factory display unit.

3. Take the provided GREEN 4-Pin LVDS T-Harness and connect each connector to its proper location. One end goes to the factory harness and one end goes to the factory display unit.

4. Take the provided BLACK 8-Pin T-Harness and connect each connector to its proper location. One end goes to the factory harness and one end goes to the factory display unit.

5. Before removing the trunk’s chrome trim, tape the edges of the surrounding trim area to avoid any scratches when removing the chrome trim. Using a panel removal tool, slide the panel removal tool along the top to release the (4) clips holding it in.

6. With the trunk’s trim removed, drill a 22.5 hole through the right side knockout located on the bottom of the trunk’s chrome trim. Insert and lock the camera into place. Test the camera before re-installing the trunk’s liner assembly.

3. Remove (2) phillips head screws from the trunk release panel.

4. From the inside of the trunk, remove (2) Torx screws that hold the trunk release handle.