...connecting to the aftermarket

CAM-LR3-AD

Rear View Camera-Input & Video-In-Motion

Application:

Land Rover Range Rover 2015 - 2016, Evoque 2015 - 2016

For Touch Screen Navigation Version 4.0 Head Units without Meridian Sound System

www.connects2.com

CAM-LR3-AD

Rear View Camera-Input and Video-In-Motion for Land Rover Vehicles 2015> with Touch-Screen Navigation Version 4. Add on Camera interface designed to allow the addition of an aftermarket reverse camera to the OEM screen - compatible with NTSC cameras only.

Prior to Installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure you use the correct tools to avoid damage to the vehicle or product.

Connects2 can not be held responsible for the installation of this product.

Technical Support

Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much Information as possible. This will speed up the process and help us to help you.

Please use our dedicated online technical support centre: support.connects2.com

YouTube Subscribe to our YouTube Channel for installation guides and tips... **www.youtube.com/connects2**

Setting the Dip Switches of the Interface

Vehicle/ navigation	Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6
Video-in-motion permanent	ON	ON	OFF	OFF	ON	ON
Video-in-motion selective*	OFF	ON	OFF	OFF	ON	ON

* With Dip1 set to "OFF", the included green cable is used to activate the video in motion function

Dipswitch Functionality

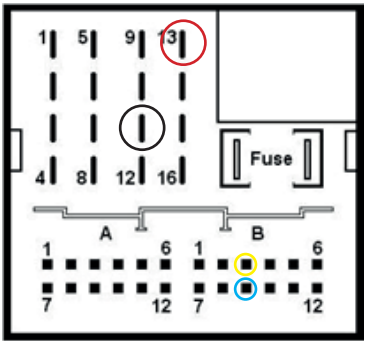
Dip 1 – activation TV-free
Dip 2 – rear-view camera existing
Dip 3 – no function
Dip 4 – no function
Dip 5 – CAN-bus termination resistor on the vehicle side
Dip 6 – CAN-bus termination resistor on the head-unit side

Setting Dip2 to "ON" codes the factory rear-view camera input, which is located on the blue double Fakra male connector of the head unit.
When reverse gear is engaged, the navigation will automatically switch to this input.

Pin Configuration

Quadlock Connector:

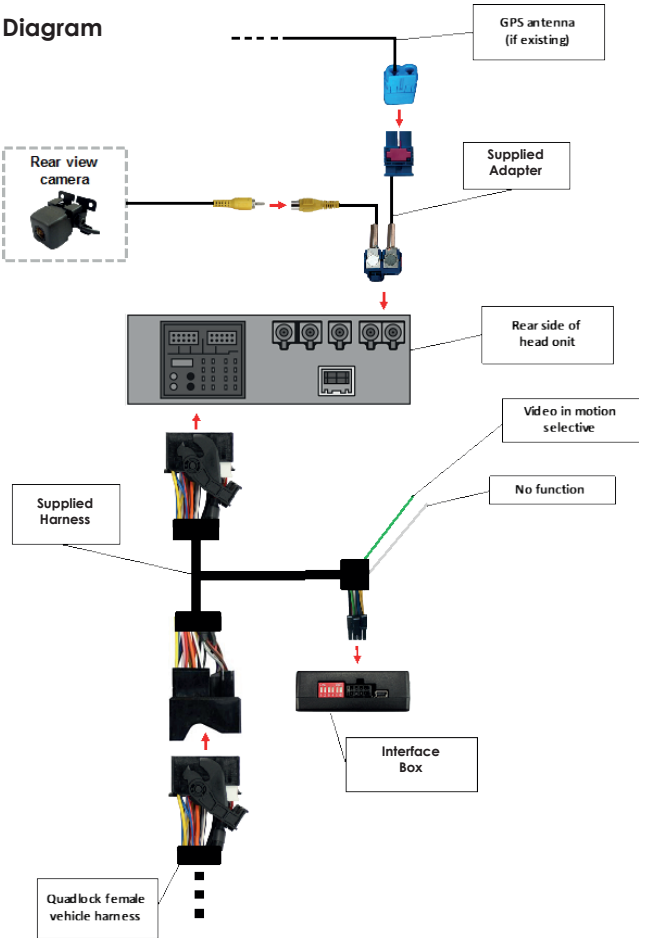
Function	Pin-No.
CAN-HIGH	Pin 3 (chamber B)
CAN-LOW	Pin 9 (chamber B)
+12V permanent	Pin 13
Ground	Pin 11



Interface Pin Configuration

Cable Colour	Pin-No.	Assignment
Yellow	Pin 4	CAN-HIGH – connection to the head-unit
Blue	Pin 3	CAN-LOW – connection to the head-unit
Yellow/Black	Pin 8	CAN-HIGH – connection to the vehicle
Blue/Black	Pin 7	CAN-LOW – connection to the vehicle
Red	Pin 1	+12V Permanent
Black	Pin 5	Ground
Green	Pin 6	Activation of the video-in-motion function (+12V = TV-free activated)
White	Pin 2	No function

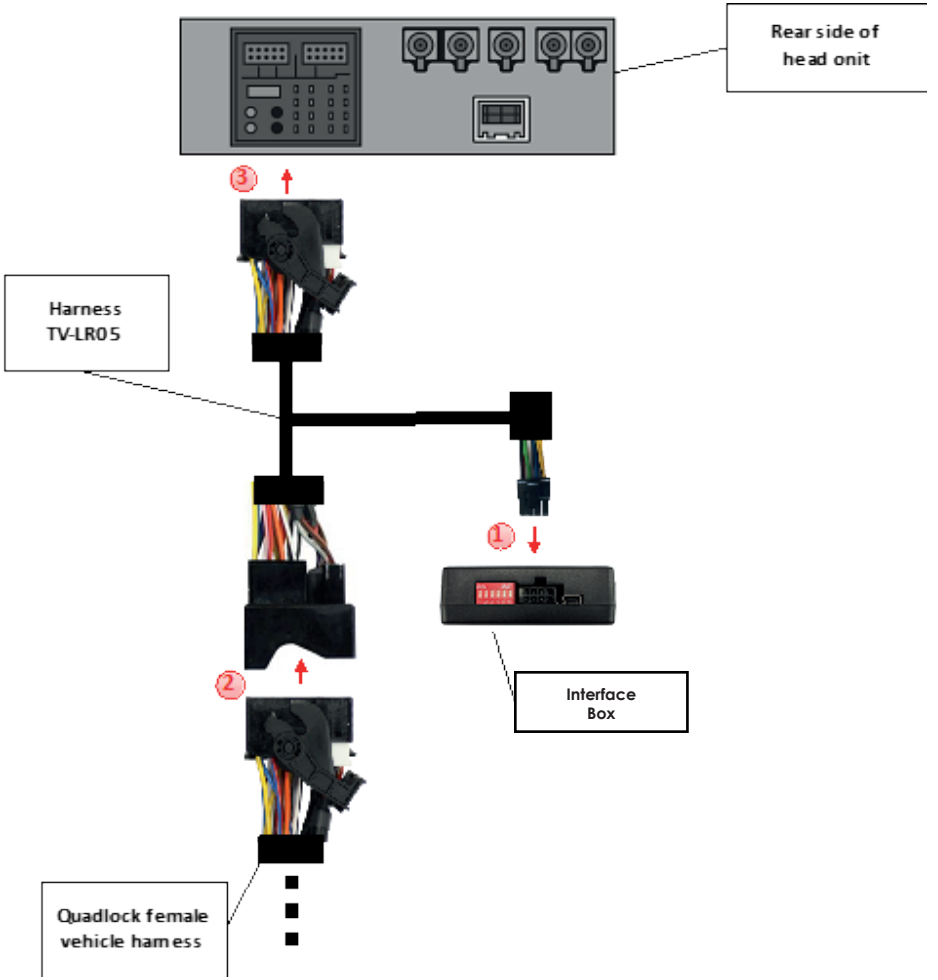
Connection Diagram



NB: Before installation, switch off ignition, disconnect the vehicle battery and remove the vehicle's head unit.

The interface is installed behind the vehicle's head unit.

Connecting the CAN-Box, Harness and Factory Head Unit

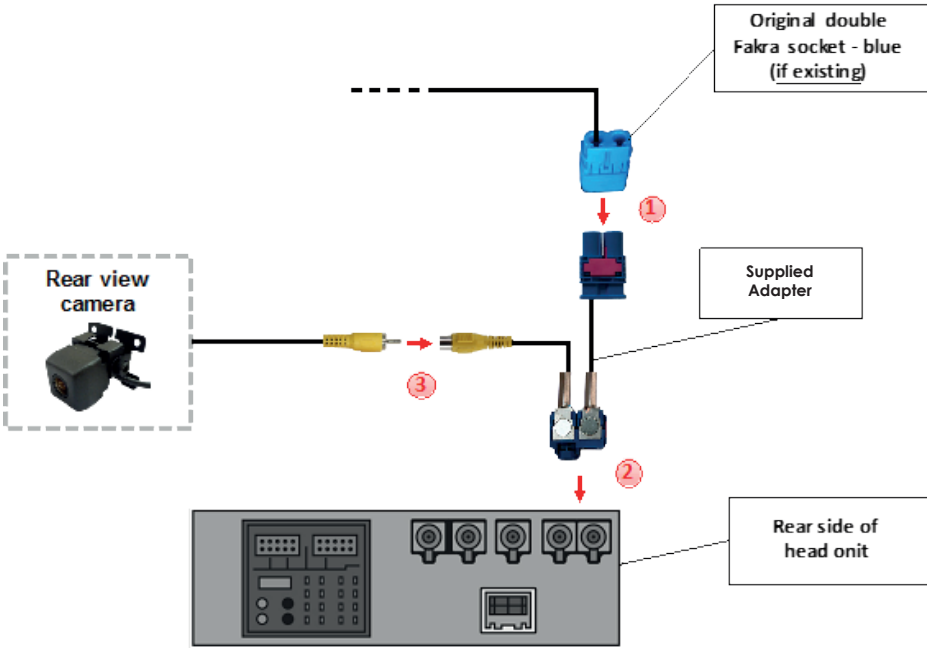


INSTALLATION

1. Connect the female 8pin Molex connector of the harness to the male 8pin Molex connector of the Interface.

2. Transfer the Quadlock connector of the vehicle harness from the rear of the head unit into the male Quadlock connector of the harness.

3. Plug the female Quadlock connector of the harness into the male Quadlock connector on the rear of the head unit.



If existing, disconnect the original blue double Fakra socket from the Head Unit and connect it to the double Fakra male plug of the supplied adapter.

Connect the double Fakra socket of the supplied adapter to the double blue Fakra-connector on the rear of the head unit.

Connect the video RCA of the rear-view camera to the female RCA connector of the supplied adapter

Note: Only compatible with NTSC cameras.

Activating Video in Motion

The video-in-motion can be activated and deactivated by Dip 1 or alternatively by the included loose green cable in connection with a switch (not included in delivery).

Video-in-motion permanent
With dip1 to ON the video-in-motion function is activated permanently without disturbing the navigation performance.

Video-in-motion selective
With dip1 to OFF the included green cable is used to activate the video-in-motion function.

Connect a switch to the green cable and connect the green cable to +12V ACC.
- +12V = TV-Free is activated
- 0V = TV-Free is not activated

Note: The loose white cable is not required and must be isolated.

NOTES