

Vehicle Applications

Late 2015 to 2016 Land Rover vehicles with InControl, Version 4 radio.

Notes

1. Only for vehicles WITHOUT factory rear-view camera.
2. Compatible with NTSC cameras only.

Navigation / Radio Compatibility

“InControl” Touch Screen Navigation radios, Version 4.



Version 1



Version 2



Version 3



Version 4

Parts Included



RVCLR-68C
CAN Interface



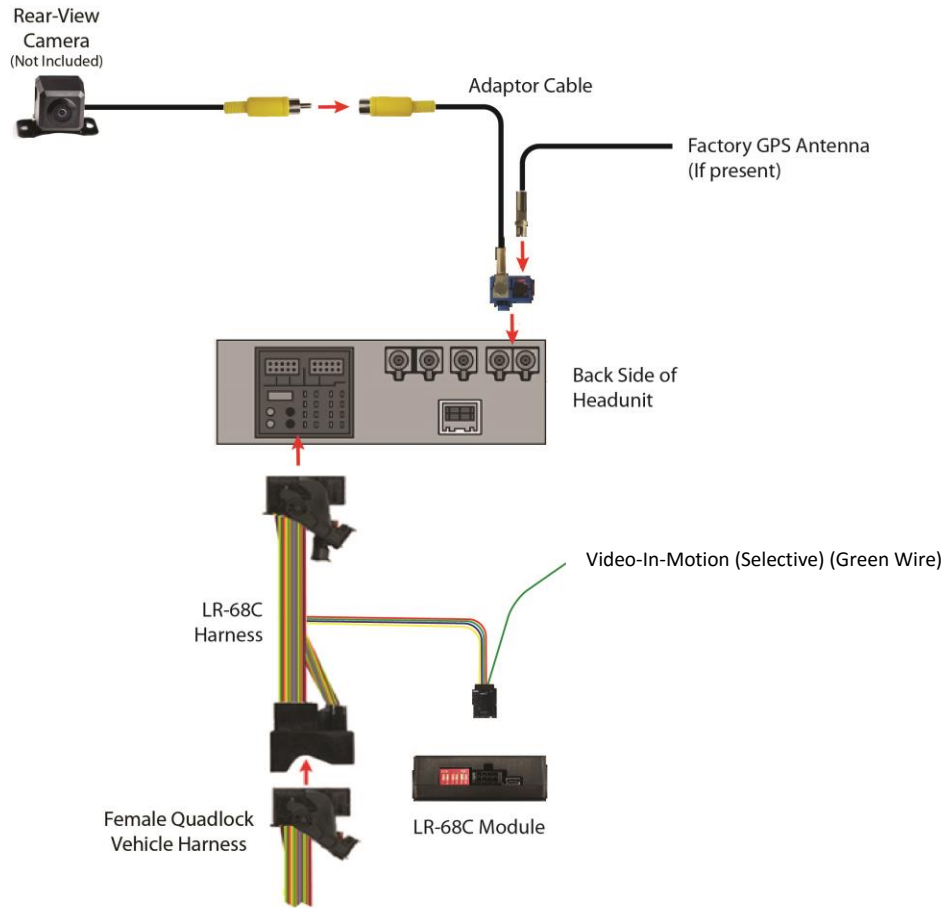
LR-68C Harness



Fakra Adaptor



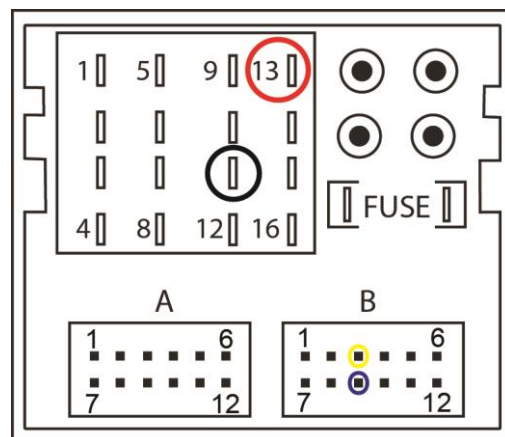
Wiring Diagram



Installation Instructions

Function	Pin-No.
CAN-HIGH (Yellow)	Pin 3 (chamber B)
CAN-LOW (Blue)	Pin 9 (chamber B)
+12V Constant (Red)	Pin 13
Ground (Black)	Pin 11

Please note that the given information must be verified by the installer. Crux Interfacing assumes no liability for changes in wire color or pin assignments made by the vehicle manufacturer.



DIP Switch Setting

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

*With DIP1 set to OFF, the Green wire is used to activate the video-in-motion function.

DIP switch functions

Dip 1 – (ON / OFF) Activate Video-In-Motion

Dip 2 – (OFF) Factory Rear-view camera present

Dip 3 – (OFF) no function

Dip 4 – (OFF) no function

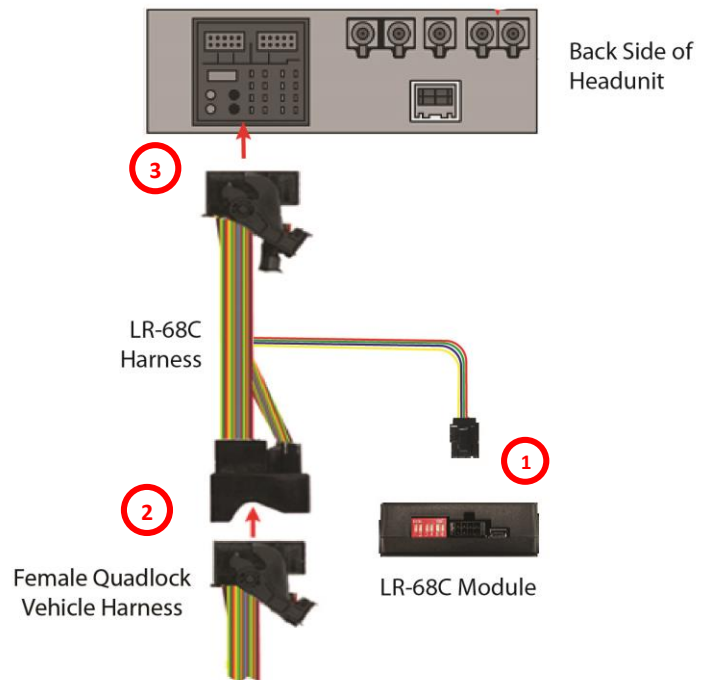
Dip 5 – (ON) CAN-bus termination resistor on the vehicle side

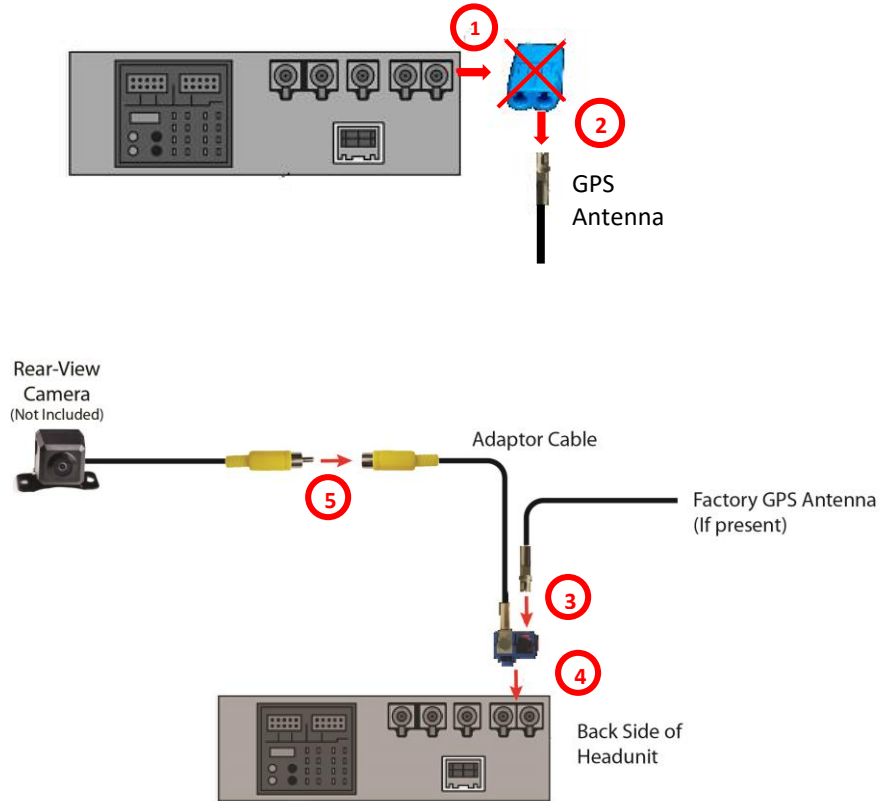
Dip 6 – (ON) CAN-bus termination resistor on the headunit side

Setting DIP 2 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.

Connecting the RVCLR-86C to the Headunit

- 1 Connect female 8 Pin Molex connector of the LR-86C harness to male 8 Pin Molex connector of the Module.
- 2 Transfer Quadlock connector of vehicle harness from rear of the headunit into the male Quadlock connector of the LR-86C harness.
- 3 Plug female Quadlock connector of the LR-86C harness into male Quadlock socket on the rear of the headunit.



Connection the GPS antenna (if present) and aftermarket rear-view camera:

- 1 If present, disconnect the original blue double Fakra socket from the Headunit.
- 2 Remove the silver Fakra plug insert from the blue Fakra plastic case (to remove the plug insert, you have to break the housing. This is no longer needed).
- 3 Plug in the original silver Fakra plug insert in to the free slot of the adapter.
- 4 Connect the double Fakra socket of the Fakra adapter cable to the double blue Fakra connector on the rear of the headunit.
- 5 Connect the video RCA of the rear-view camera to the female RCA connector of Fakra adapter cable.



Activation of the Video-In-Motion function

The video-in-motion can be activated and deactivated by DIP 1 or by the loose green wire on the harness when connected to a +12V ACC source.

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 set to OFF, the green wire is used to activate and deactivate the video-in-motion function.

Connect a toggle switch between the green wire and +12V ACC.

- +12V = Video-in-motion is activated
- 0V = Video-in-motion is not activated

“InControl” Touch Screen Navigation radio, Version 4

