

# The guide to install a backup camera for manual transmission

**Warning: If you are not comfortable with vehicle electronics, please refer to a local automotive professional.**

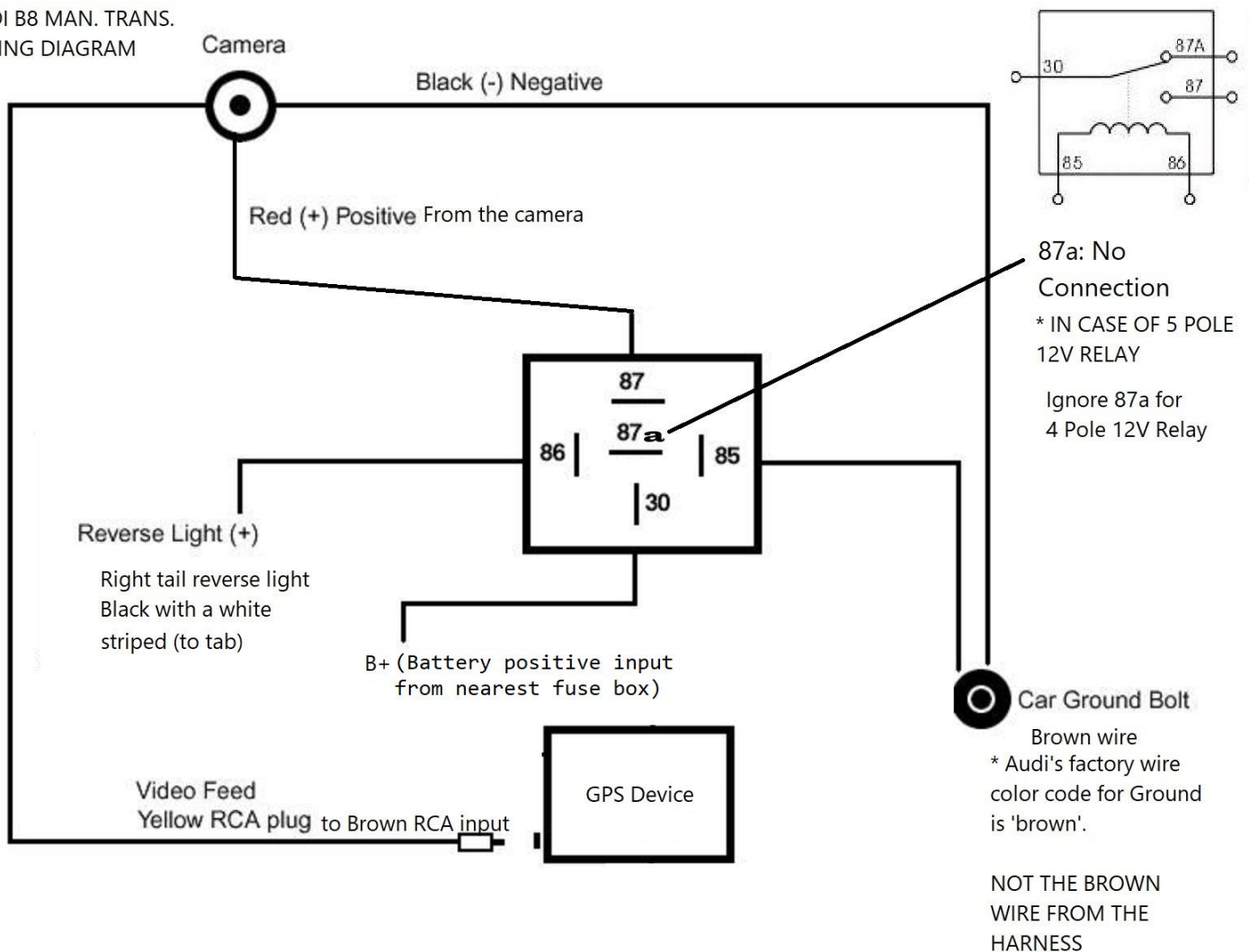
For a vehicle with manual transmission, its CAN BUS interface does not provide reverse signal information within the tangible data stream by our equipped CAN BUS decoder.

Thus, to activate the auto switch to the reverse view, a backup camera needs to be activated momentarily while reverse lights are on. In this way, the device will automatically recognize if your car is in reverse.

For our device, **There is no trigger input line to recognize the shift change**, The device will automatically recognize the car is in reverse if any video signal is present on the **'brown' color composite video input** in the harness. Once the camera becomes online, **the device will automatically switch into reverse view**.

Thus, it's necessary to wire up your camera with a 12v relay like the scheme below.

AUDI B8 MAN. TRANS.  
WIRING DIAGRAM



Any Automotive 12V 30/40 A 4 or 5 Pin SPDT socket relay with 4 or 5 Wire Socket would work for this application.

