

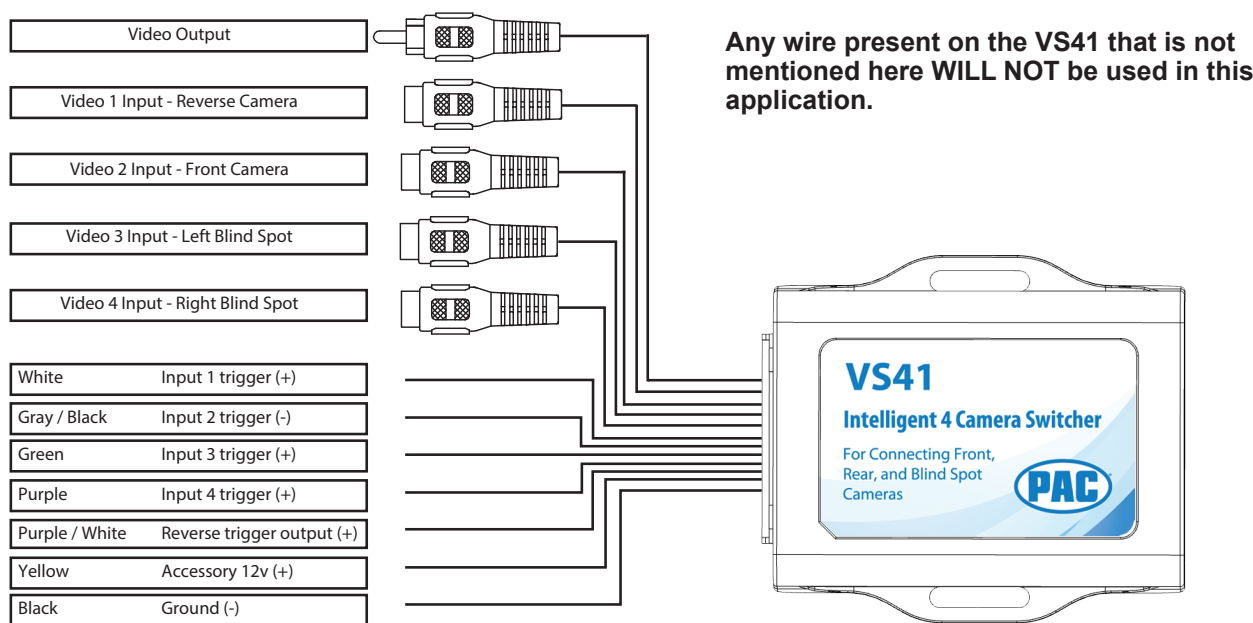
Introduction & Features

The VS41 is an intelligent 4 camera switcher for controlling front, rear, and blind spot cameras. In this application, it is designed to be used with Best Kits harness BHA7552.

Important Notes

- These instructions are specifically for adding reverse, blind spot, and front cameras (or any combination of the three) to an aftermarket radio in the following vehicles:
 - 2016-2017 Nissan Titan
- The VS41 video output will always default to the signal from Input 1 when none of the input triggers are activated. This Input is ideal for connecting the rear (reverse) camera.
- The VS41 inputs have priority in descending numerical order. For example: If you have Input 3 or 4 triggered, then you trigger a lower number input (for example Input 2), Input 2 will take priority over the higher numbered Input.
- The input triggers can accept either a pulsed or constant input, making them ideal for connecting to a turn signal as a trigger.
- The reverse trigger output will provide a 150 mA 12v (+) trigger while any of the input triggers are activated.
- Upon deactivation of the last positive or negative trigger, the last video input source and the reverse trigger output will remain active for an additional 3 seconds. (Not applicable when used with a BCI-, RP4.2-, or RP5.2- interface).
- If there is poor video quality after installation of this module, please ensure quality connections on any RCA connections.
- The positive input triggers accept input voltages in the range of 2v to 12v.

Wiring Connection Chart



VS41 Wire	Connection
White	Reverse Trigger Input (+) - Connect to the *Green / White wire in the passenger kick panel. White 100-pin plug, Pin 15
Gray / Black	Front Camera Trigger (-) - If you are installing a front camera, hook this wire to a 12v (-) trigger through a toggle switch.
Green	Left Blind Spot Trigger Input (+) - *Green / Black wire at BCM to the right of the steering column. Black 24-pin plug, Pin 13.
Purple	Right Blind Spot Trigger Input (+) - *Green / Yellow wire at BCM to the right of the steering column. Black 24-pin plug, Pin 1.
Purple / White	Reverse Trigger Output (+) - Connect this wire to the aftermarket radio's reverse trigger input.
Yellow	Accessory 12v (+) - Connect to the Red accessory output provided by the BHA7552. If you are not using the BHA7552, you must find a 12v (+) accessory wire that turns on / off with the key.
Black	Ground

*Please verify all signals with a multi-meter before connecting the VS41

