

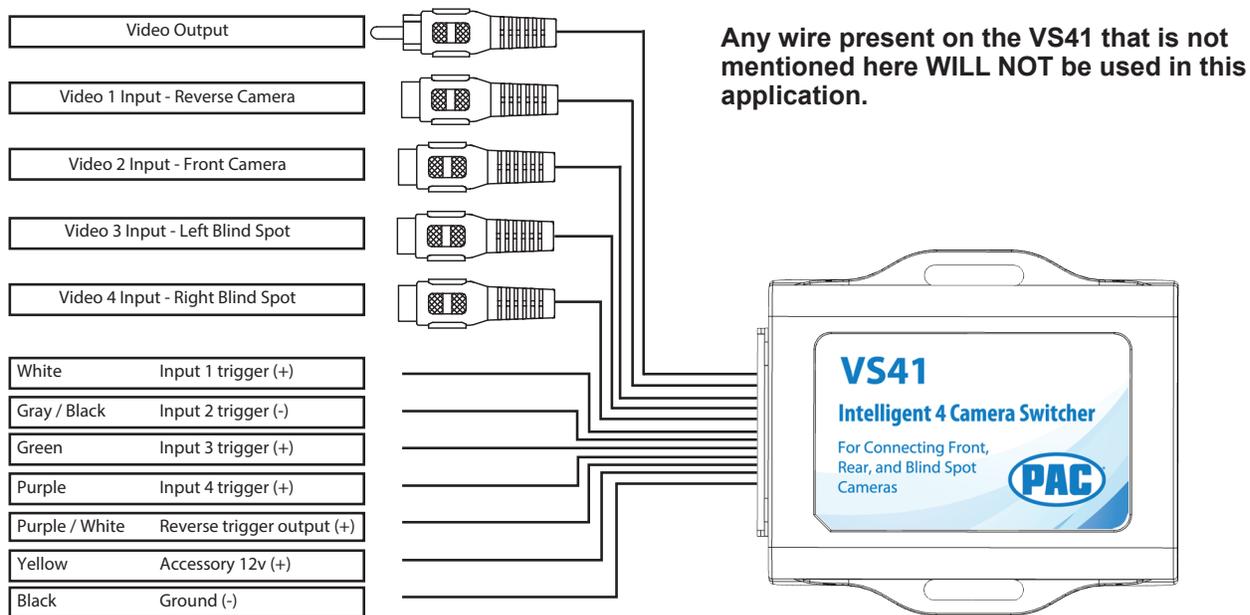
## Introduction & Features

The VS41 is an intelligent 4 camera switcher for controlling front, rear, and blind spot cameras. It is designed to be used with PAC radio replacement interfaces.

## 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:
  - 2014-2017 Toyota Tundra
- 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
<b>White</b>	<b>Reverse Trigger Input (+)</b> - Connect to the Purple / White reverse trigger output provided by the RP4.2-TY11. If you are not using the RP4.2-TY11, connect to the *Blue wire in the passenger kick panel. White 20-pin plug, Pin 20.
<b>Gray / Black</b>	<b>Front Camera Trigger (-)</b> - If you are installing a front camera, hook this wire to a 12v (-) trigger through a toggle switch.
<b>Green</b>	<b>Left Blind Spot Trigger Input (+)</b> - *Green wire at flasher relay, left of dash fuse box. White 18-pin plug, Pin 10.
<b>Purple</b>	<b>Right Blind Spot Trigger Input (+)</b> - *Beige wire at flasher relay, left of dash fuse box. White 18-pin plug, Pin 17.
<b>Purple / White</b>	<b>Reverse Trigger Output (+)</b> - Connect this wire to the aftermarket radio's reverse trigger input.
<b>Yellow</b>	<b>Accessory 12v (+)</b> - Connect to the Red accessory output provided by the RP4.2-TY11. If you are not using the RP4.2-TY11, you must find a 12v (+) accessory wire that turns on / off with the key.
<b>Black</b>	<b>Ground</b>

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

