



**Installation of LVJ Motorsports
Third Brake Light Reverse Harness
Fifth Generation Ford Ranger
Stop, Tail , Turn Flasher
(Updated 9-15-2026)**



Created by Keith Mandoske

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Wire Harness Mounting Instructions

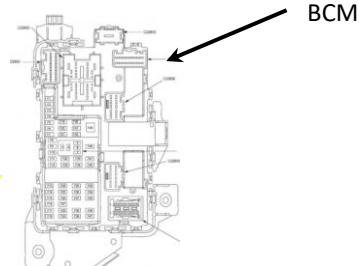
Primary Harness with STOP/ TAIL / TURN with Reverse

(Red 14ga) Connect To Aux switch wire or desired 12V switch to turn on Stop / Tail / Turn device

(Yellow 14 ga) Connect To Aux switch wire or desired 12V switch to turn on rear amber lights (Flashing)

(Blue 14ga) Connect To Aux switch wire or desired 12V switch to turn on rear amber lights (Solid)

See detail on next page for connection points



BCM

M

Momentary Switch, Press to change flashing pattern, (optional extension cable available)

(Right-Side Amber)

(Left -Side Amber)

(Cargo Light)

Connector (Typical)

White Wire

Installer Note: USE FORD UPFITTER WIRES IN CAB FOR CONNECTIONS TO UPFITTER SWITCHES

Scan below for Video of functionality of switches and how the unit works

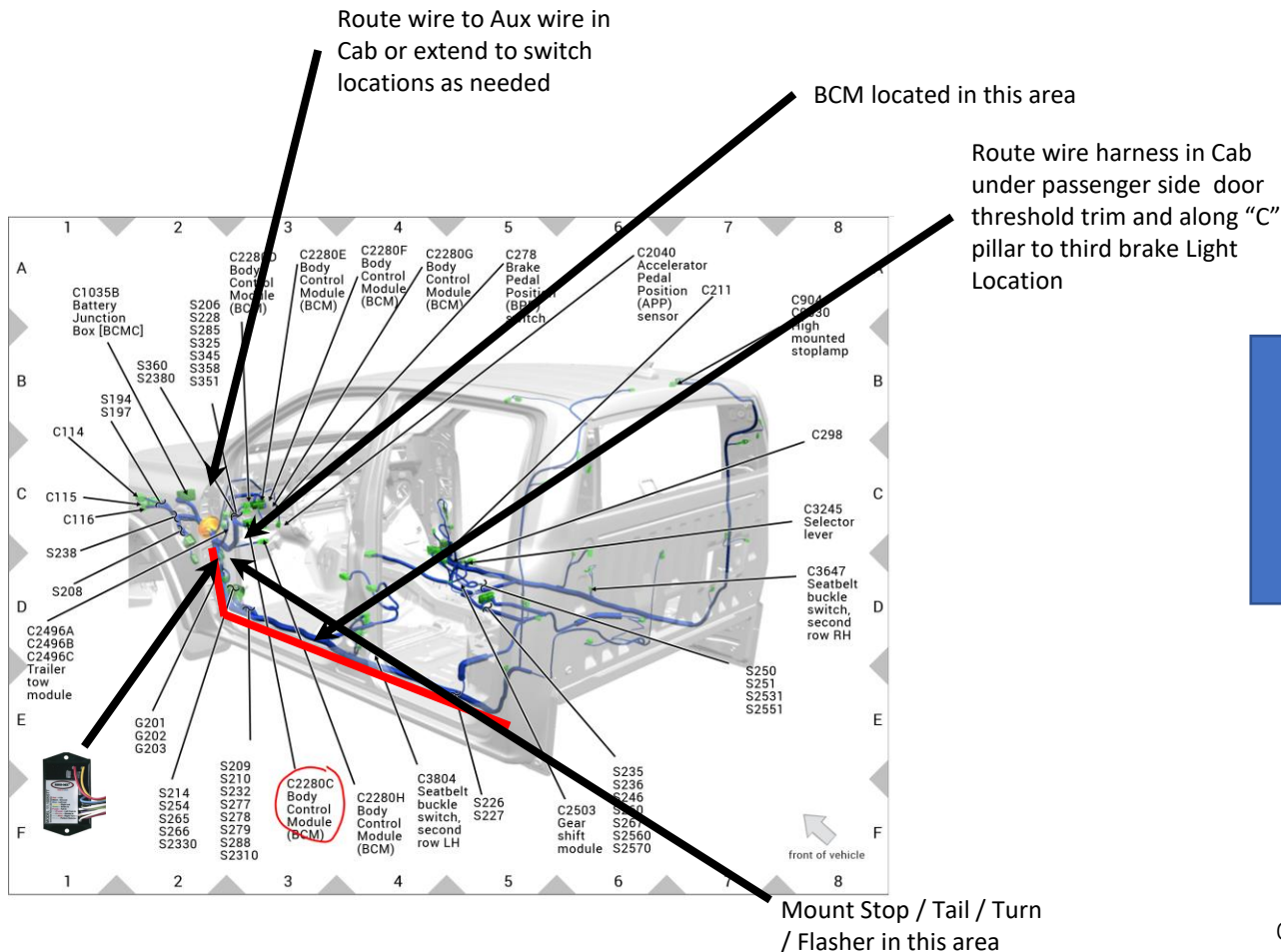


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Wire Harness Mounting Instructions

Primary Harness with STOP/ TAIL / TURN with Reverse



Use ground lug on "A" pillar near BCM

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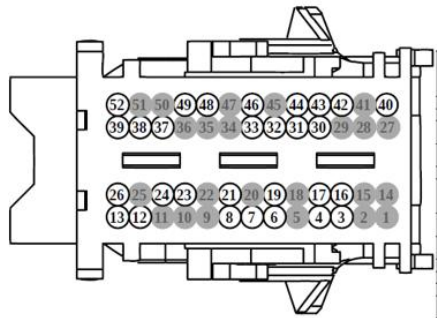
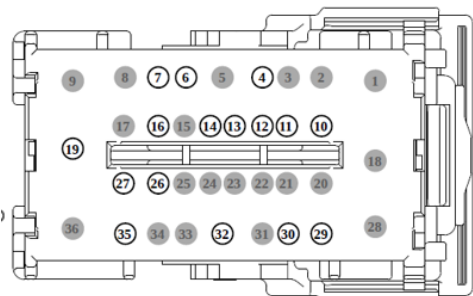
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BCM Control Connection Points

(Fuse Panel located in Passenger side foot well on the A-Pillar)

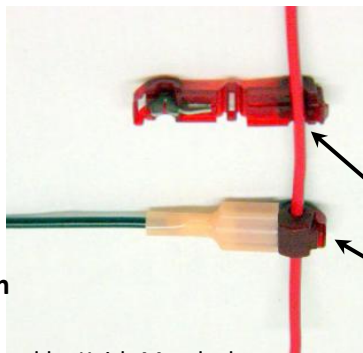
2024-2026 Ford Ranger (From Ford Wiring Book)				
Wire Color	Use	Connector	Pin Number	Ford Wire Color
White	Reverse	C2280C	#11	GN-BN
White with Purple	Left Turn	C2280E	#26	GY-OG
White with Red	Right Turn	C2280E	#52	GN-OG
Purple	Tail / Running Lamp	C2280C	#12	VT-GN

Key
BU=Blue
WH=White
BN=Brown
GN=Green
YE= Yellow
VT=Violet
OG=Orange
GY=Grey

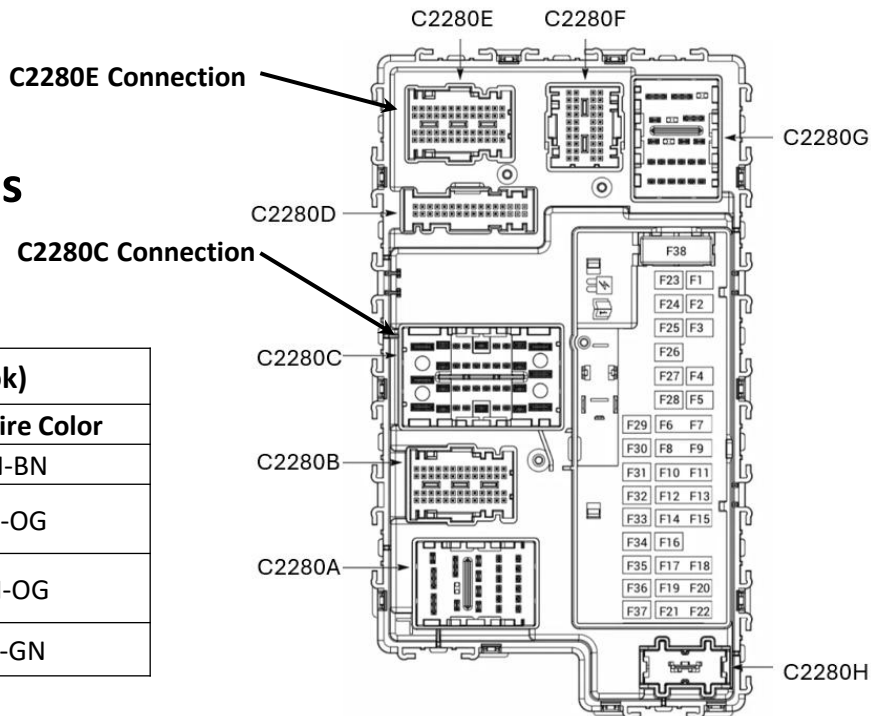


C2280C Connection

C2280E Connection



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- Step 1-** Locate the correct connector and incoming / outgoing wire and remove the outer wire wrap exposing about 2" of wire to make room for the new Tap connector and so you can see the wire colors.
- Step 2-** Locate the correct wire from the Chart attached, double check the wire color and its correct pin location of the plugs below.
- Step 3-** Insert / place the Tap Connector around the wire and squeeze closed.
- Step -4** Connect the correct wire from the supplied harness to the new Tap connector



For Questions or Comments Contact

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