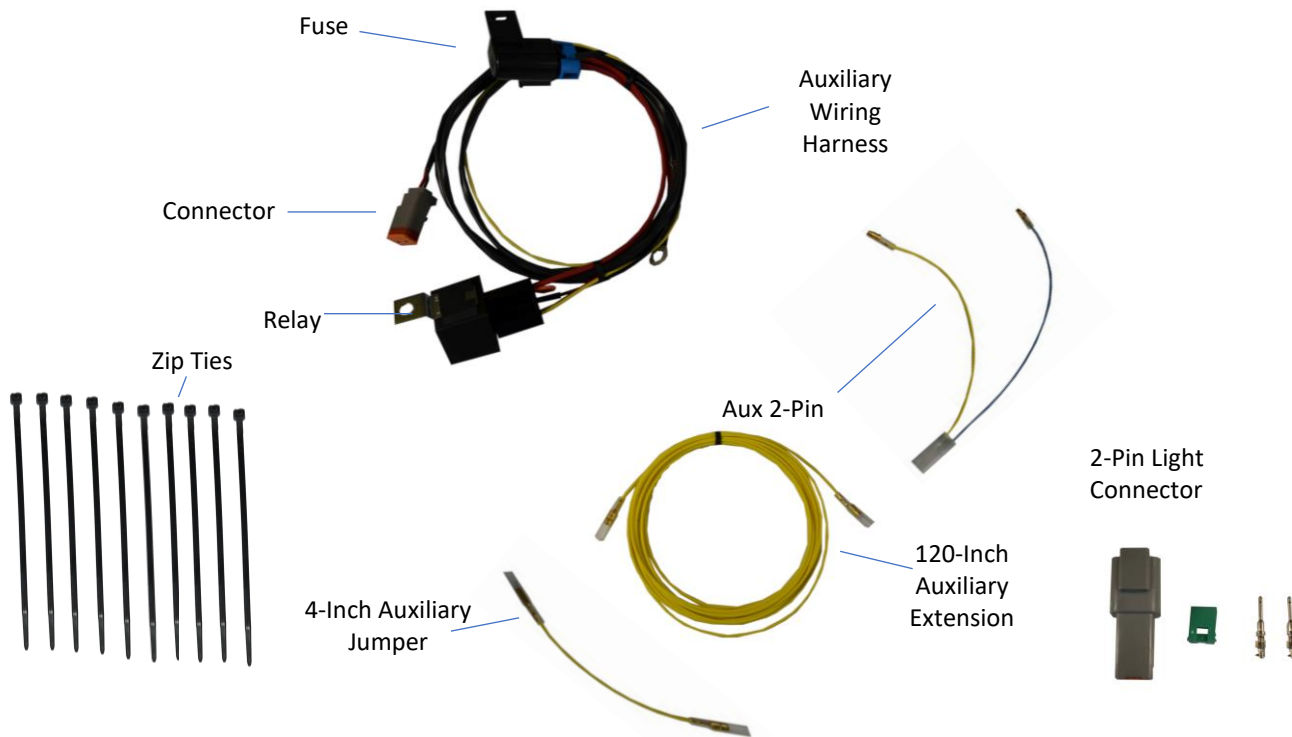




CAN-AM Defender Aux Kit

Installation Manual 282-108

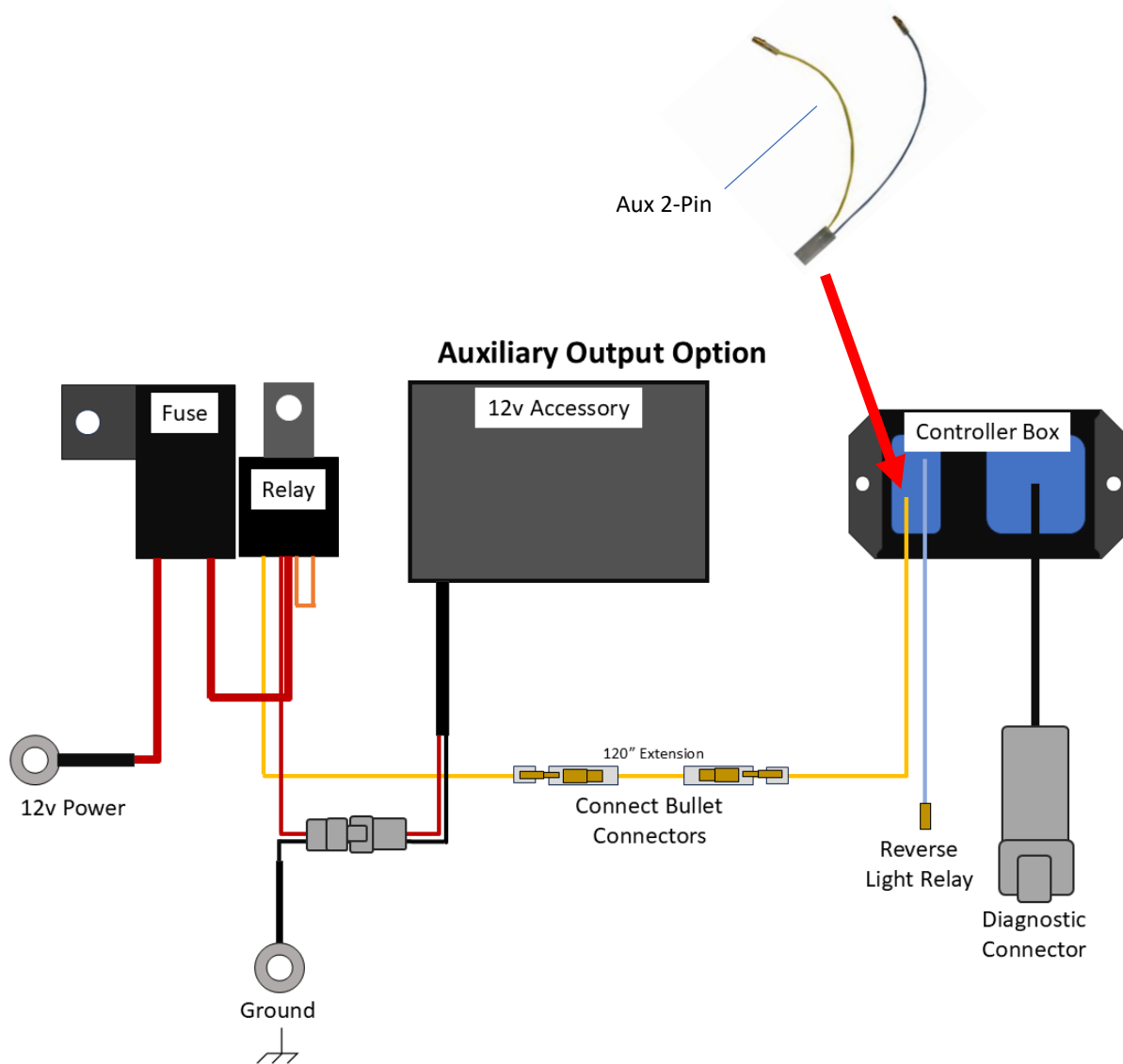


Disclaimer: This is an aftermarket product being installed out of our control. By installing this product, you are assuming liability for any damage that may occur. If you are not comfortable with the install process, please contact your vehicle dealer for assistance. Straightline Performance is not liable for any damage during assembly or as a result of this kit.

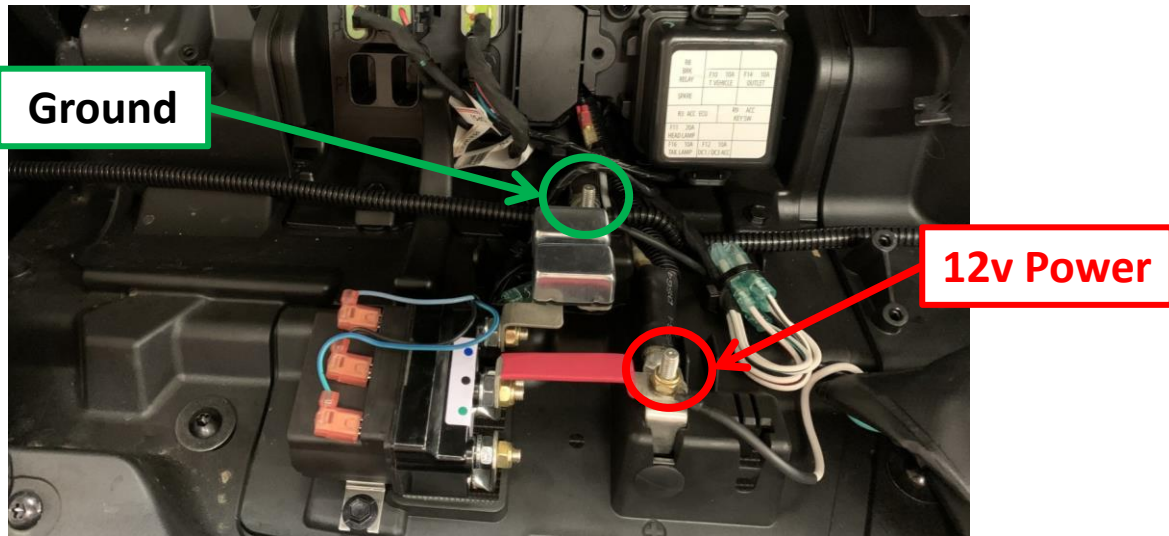
Read entire manual before beginning the installation process.

Step 1: Update Controller Wiring

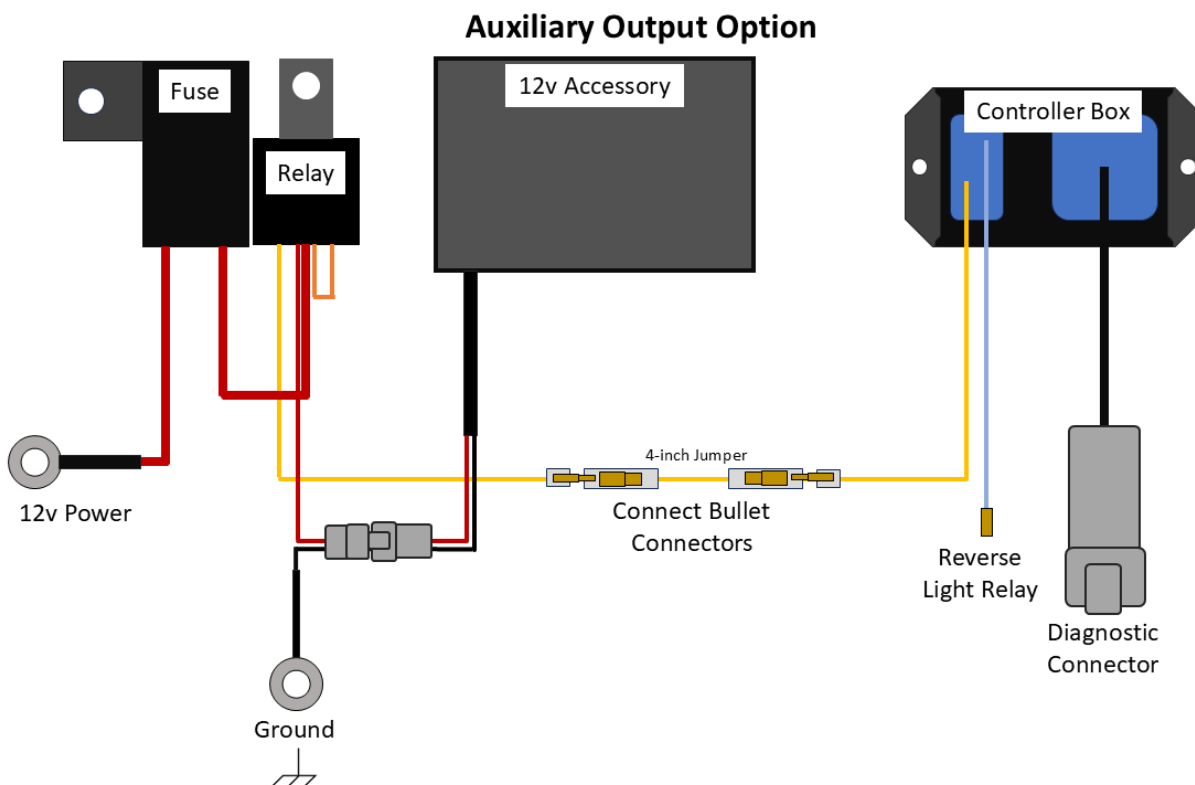
- 1) Unplug the connector with the single blue wire going into the control box and discard. Plug in the blue/yellow wire connector included with the aux kit.
- 2) Reconnect the blue wire to the backlight wiring.



Auxiliary Output Option #1 For Accessory at the Front of the Vehicle

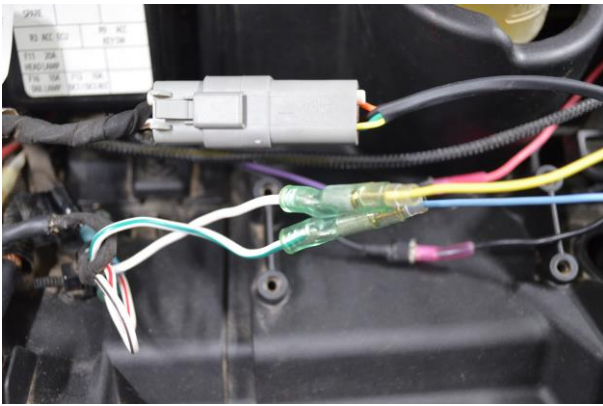


- 1) Use the 4" jumper to connect the controller to the aux wire harness.
- 2) Connect the power and ground of the aux harness to the power and ground indicated in the above picture.
- 3) Secure wiring with zip ties.

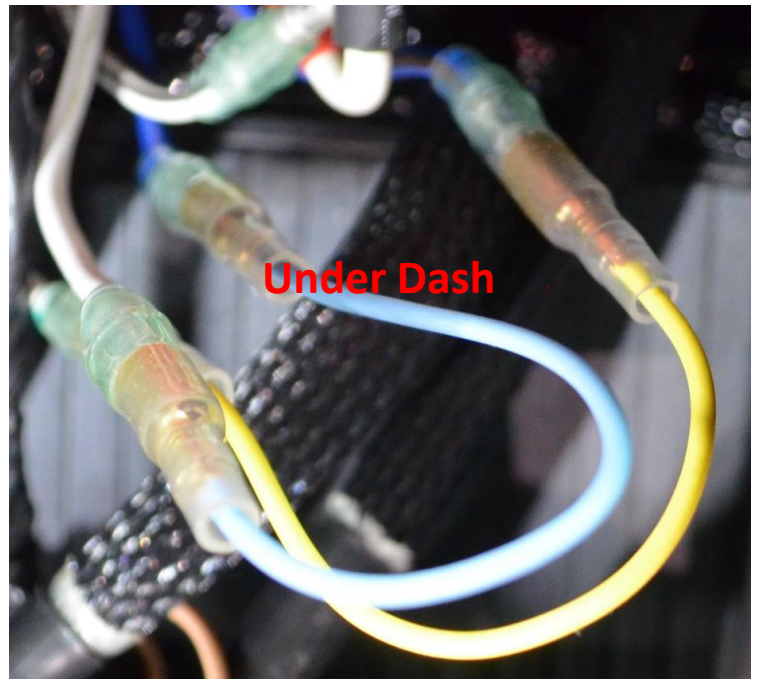


Auxiliary Output Option #2 – Rear 12V With Factory Accessory Wiring

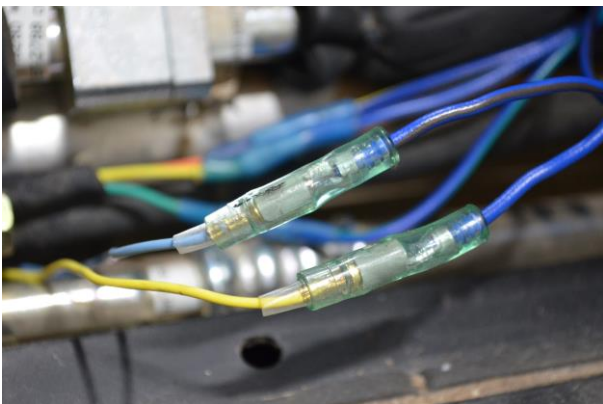
- 1) If your vehicle has the factory wiring, Plug in yellow bullet connector from the control box into the factory green & white wire.
- 2) Plug the yellow 4-inch wire into blue & brown wire and Green & White wire under the dash.
- 3) Plug in the yellow 25-inch wire off the relay into the blue & brown wire under the floorboard. For the longer vehicles, you may need an extension wire.
- 4) Secure relay & fuse under seat.
- 5) Connect the red wire to the positive side on the battery. Secure relay and wiring with zip ties.



Under Hood



Under Dash



Under Floor

Auxiliary Output Option #2 – Rear 12V Without Factory Accessory Wiring

- 1) If your vehicle does not have factory wiring installed, use the provided 120" extension to get the controller signal wire to aux harness located near the battery
- 2) Route the extension wire through the firewall. Remove the winch-control outlet to gain access - there is a rubber seal that runs across the frame, sealing the cab.
- 3) Connect the jumper wire to the yellow wire coming out of the relay.





Operation of Auxiliary Output Option

•Manual Override Function

- 1) Auxiliary output is turned ON by pressing the TRIP button two times within 1 second while in Park, Neutral, High, or Low gear

***To turn the accessory off repeat this procedure.**

Part numbers	Description	Quantity	In Box
IT-282-103	Yellow 60" with male connector on one end, female on the other	1	
IT-282-104	Yellow 120" with female connectors on both ends	1	
IT-282-107	Yellow 30" extension with relay connector on one end and male bullet on the other	1	
IT-282-108	Controller adapter with AUX (blue and yellow)	1	
IT-282-110	4" yellow adapter female bullet connectors on each end	1	
IT-287-100	60" wire harness, single connector for light, battery terminals, includes relay	1	
IT-288-105	Bagged female Deutsch connector with pins seal and lock.	1	
NP-209	zip tie 6"	10	
	Insert Yellow wire into relay. Directions in folder (SPI in house)		
Sticker	Sticker	2	
Instruction			

Note: If the ignition is turned off while the light is enabled, the lights will remain ON until the ECU enters sleep mode (approximately 30 secs to 2 minutes depending on vehicle and ECU type).