

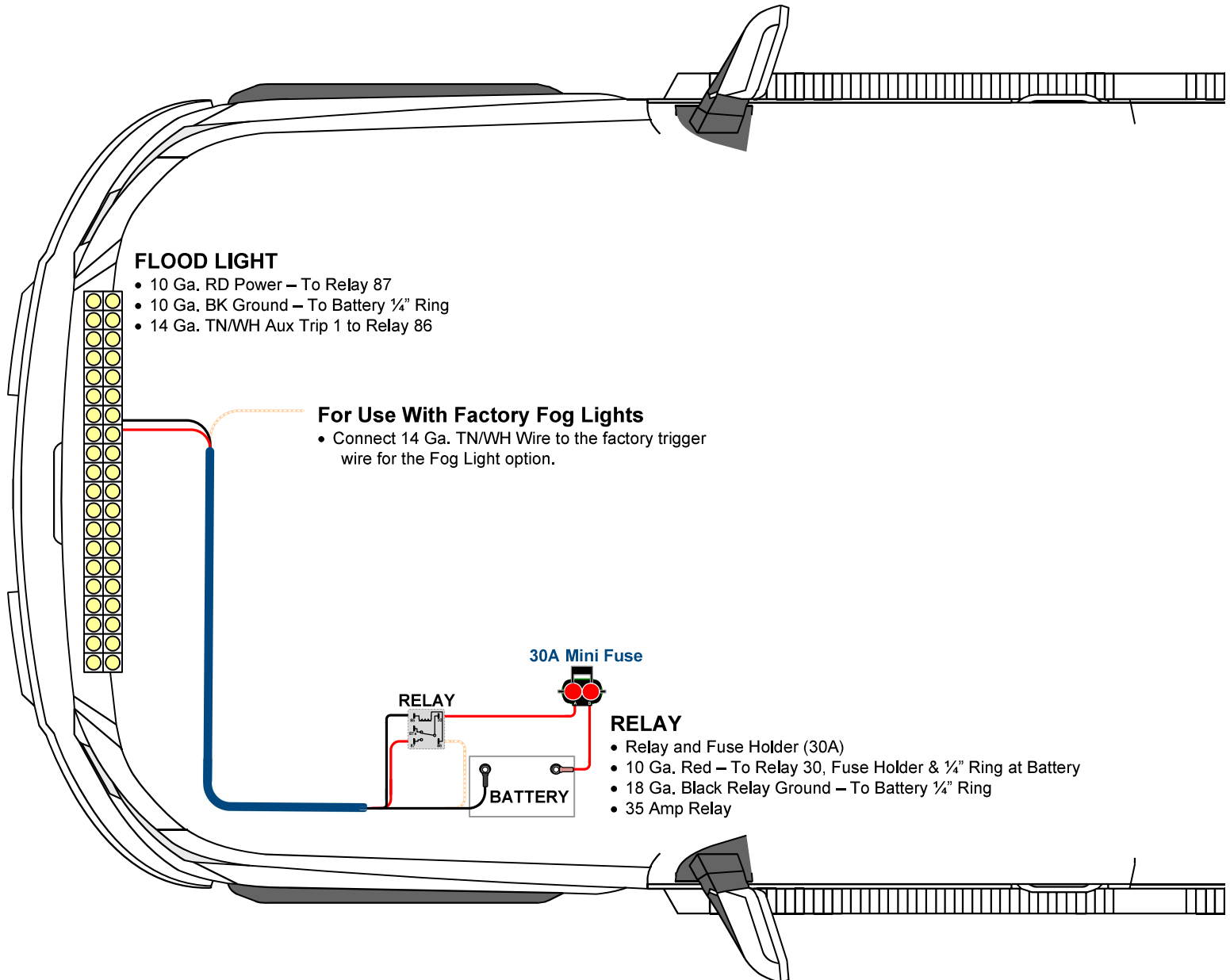
AFS

ALL FLEET SOLUTIONS



Commercial Truck Harnesses for Lighting & Power Components





TECHNICAL SUPPORT & SALES CONTACT:

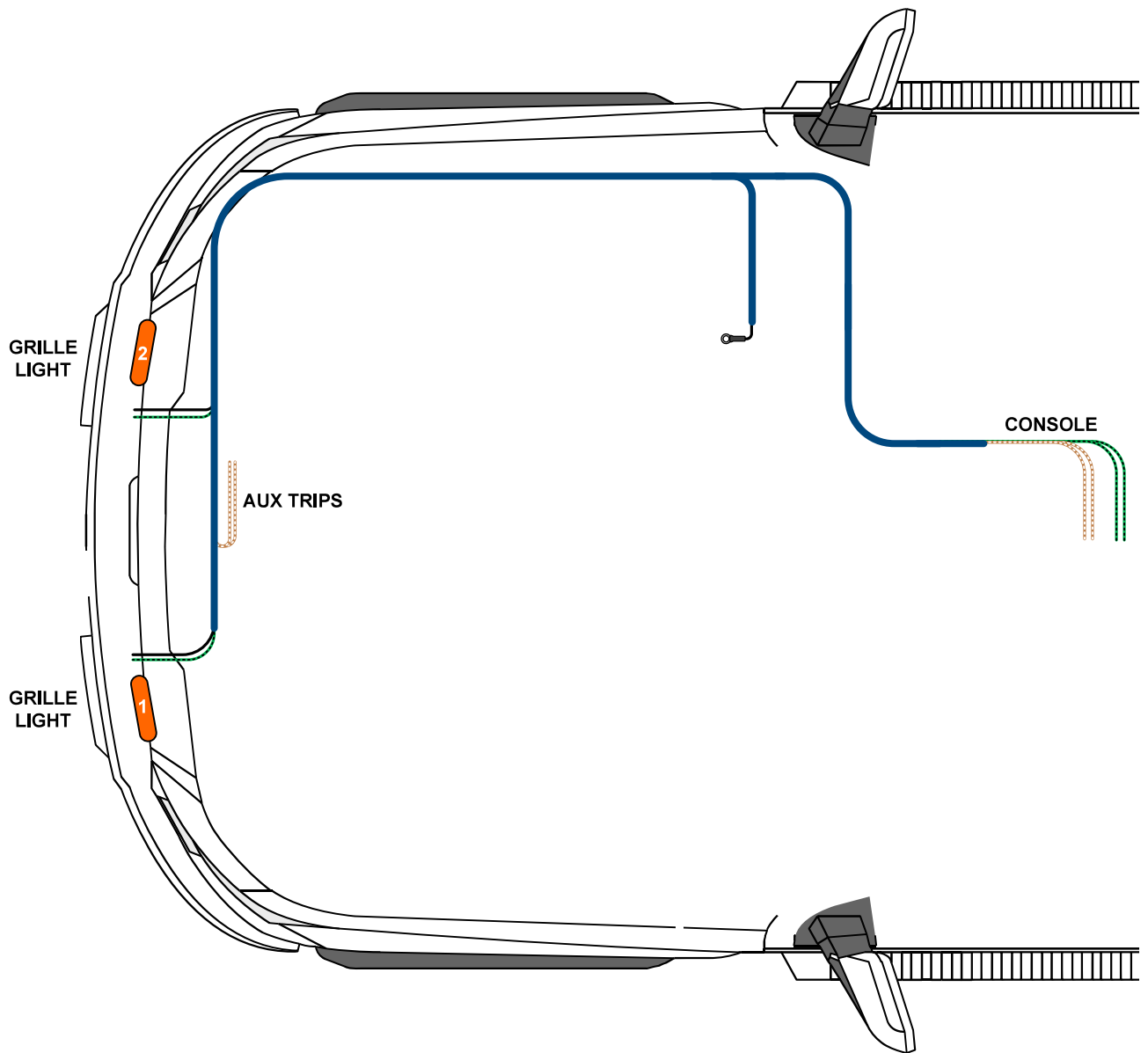
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 041620

ECN 000000



CENTER CONSOLE:

The braiding stops at the console with the exposed wires running to the rear of the vehicle. The harness can be cut to length for use in a wide array of vehicles and lighting controller mounting locations.

LIGHT & SIREN CONTROLLER:

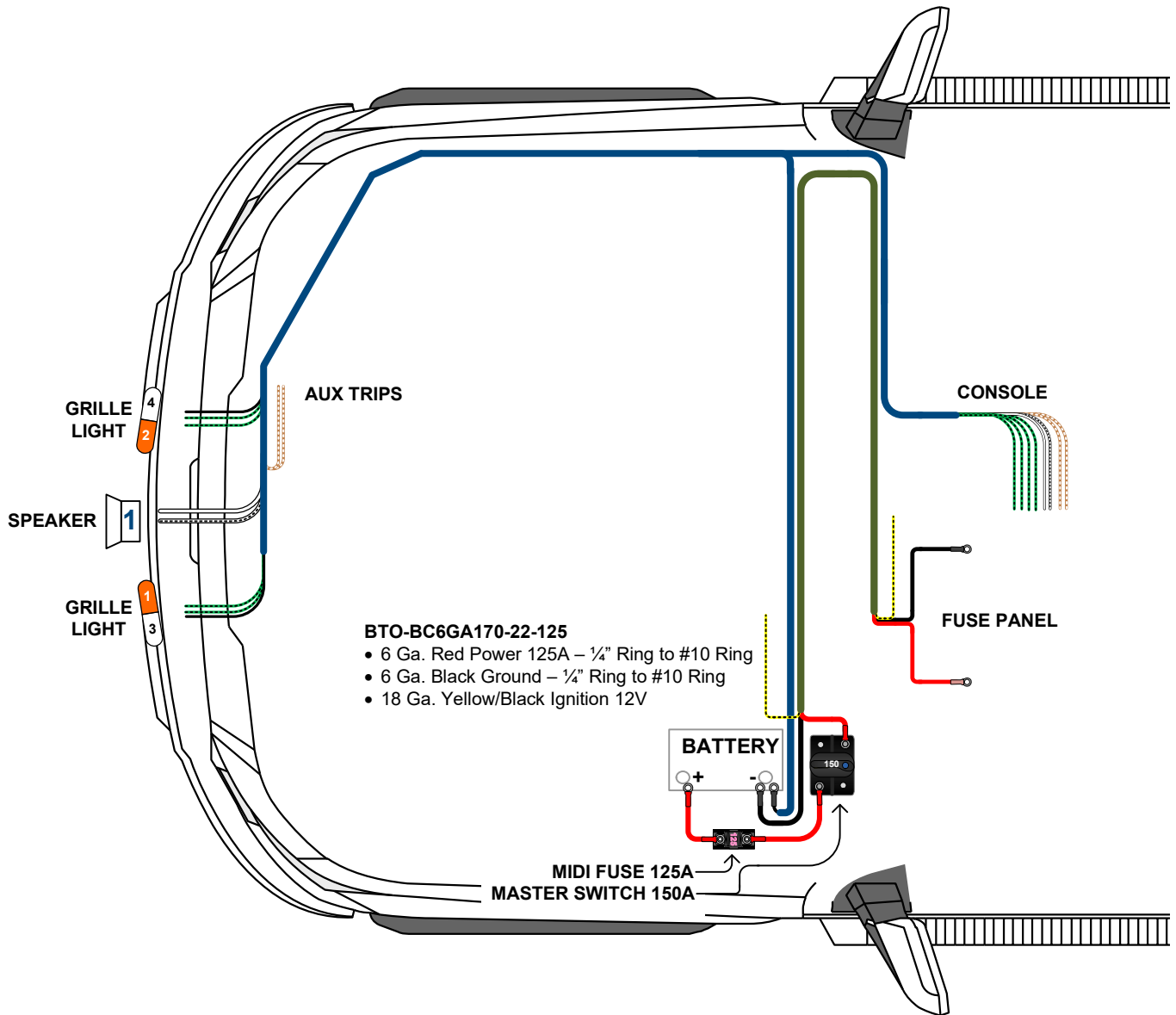
GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light 1 "LT 1" to Console
- 18 Ga. BK Grille Light 1 Ground "LT 1 GND" to Battery
- 18 Ga. GN/BK Pass. Grille Light 2 "LT 2" to Console
- 18 Ga. BK Grille Light 2 Ground "LT 2 GND" to Battery

AUX TRIPS

- 14 Ga. TN/WH Aux Trip 1 "AUX TRIP 1" to Grille
- 14 Ga. TN/WH Aux Trip 2 "AUX TRIP 2" to Grille

Utilize Spare Triggers Grille Lt. 3 & 4 for Sync



CENTER CONSOLE:

The braiding stops at the console with the exposed wires running to the rear of the vehicle. The harness can be cut to length for use in a wide array of vehicles and lighting controller mounting locations.

CONSOLE CIRCUITS:

GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light 1 "LT 1" to Console
- 18 Ga. GN/BK Driver Grille Light 3 "LT 3" to Console
- 18 Ga. BK Grille Light 1 Ground "LT 1 GND" to Battery
- 18 Ga. GN/BK Pass. Grille Light 2 "LT 2" to Console
- 18 Ga. GN/BK Pass. Grille Light 4 "LT 4" to Console
- 18 Ga. BK Grille Light 2 Ground "LT 2 GND" to Battery

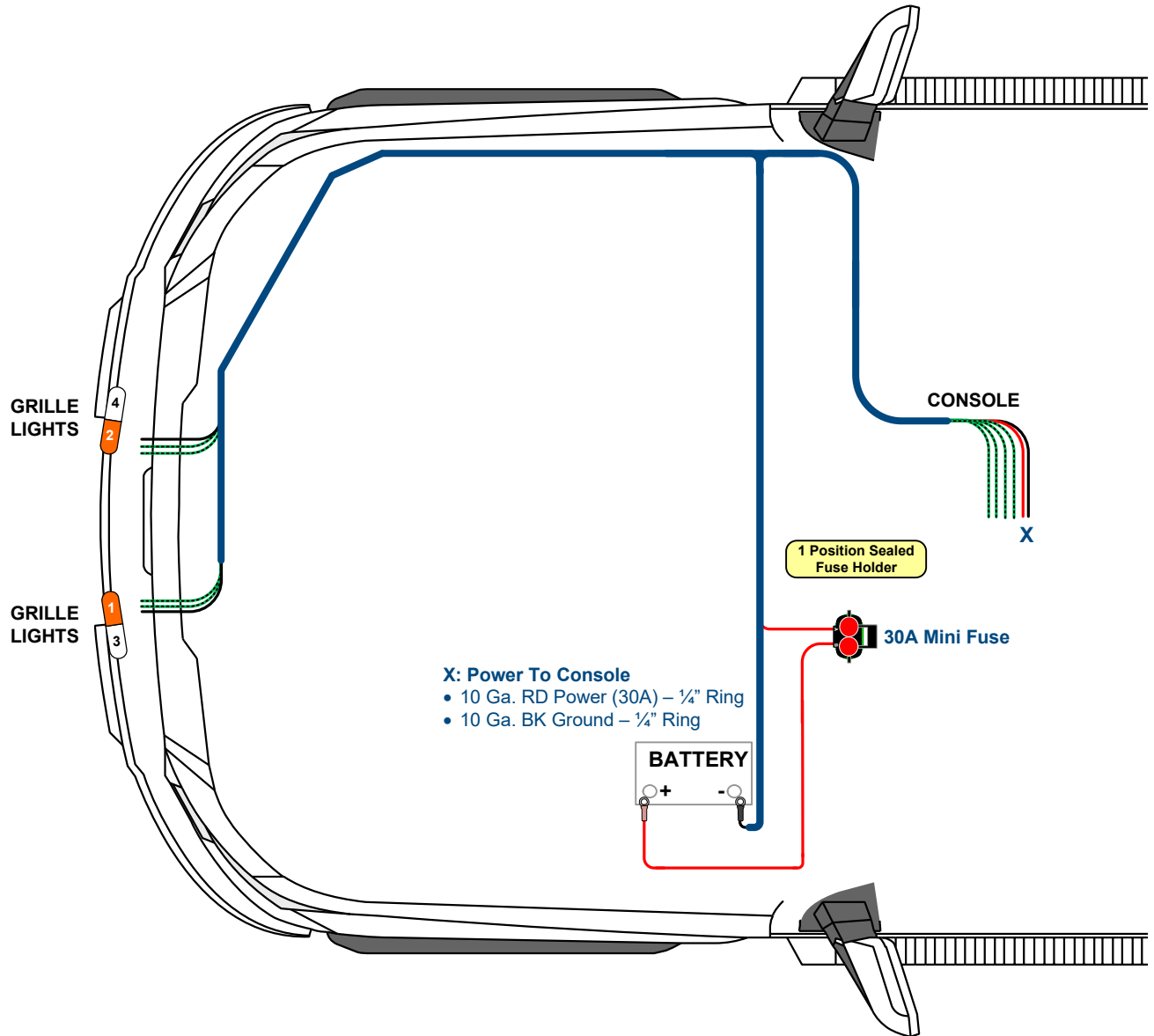
AUX TRIPS

- 14 Ga. TN/WH Aux Trip 1 "AUX TRIP 1" to Grille
- 14 Ga. TN/WH Aux Trip 2 "AUX TRIP 2" to Grille

SPEAKER

- 16 Ga. WH Speaker Common "SPKR 1 COM" to Speaker
- 16 Ga. WH/BK Speaker Positive "SPKR 1 POS" to Speaker

Utilize Spare Triggers Grille Lt. 3 & 4 for Sync



CENTER CONSOLE:

The braiding stops at the console with the exposed wires running to the rear of the vehicle. The harness can be cut to length for use in a wide array of vehicles and lighting controller mounting locations.

CONSOLE CIRCUITS:

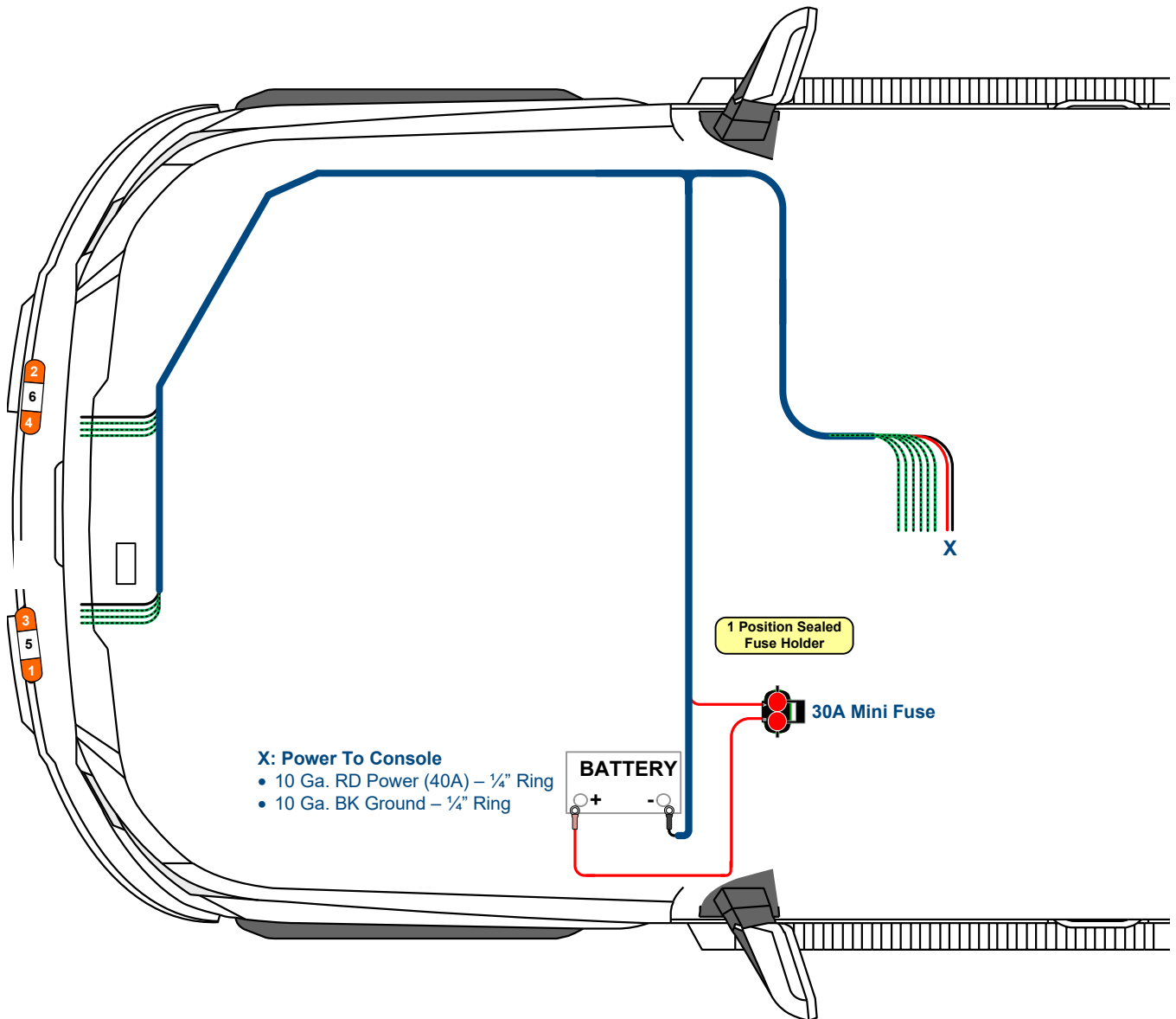
GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light 1 "LT 1" to Grille
- 18 Ga. GN/BK Driver Grille Light 3 "LT 3" to Grille
- 18 Ga. BK Grille Light 1 Ground "LT 1 GND" to Battery
- 18 Ga. GN/BK Pass. Grille Light 2 "LT 2" to Grille
- 18 Ga. GN/BK Pass. Grille Light 4 "LT 4" to Grille
- 18 Ga. BK Grille Light 2 Ground "LT 2 GND" to Battery

RADIO

- 10 Ga. RD Radio Power "RADIO PWR" to Battery
- 10 Ga. BK Radio Ground "RADIO GND" to Battery

Utilize Spare Triggers Grille Lt. 5 & 6 for Sync

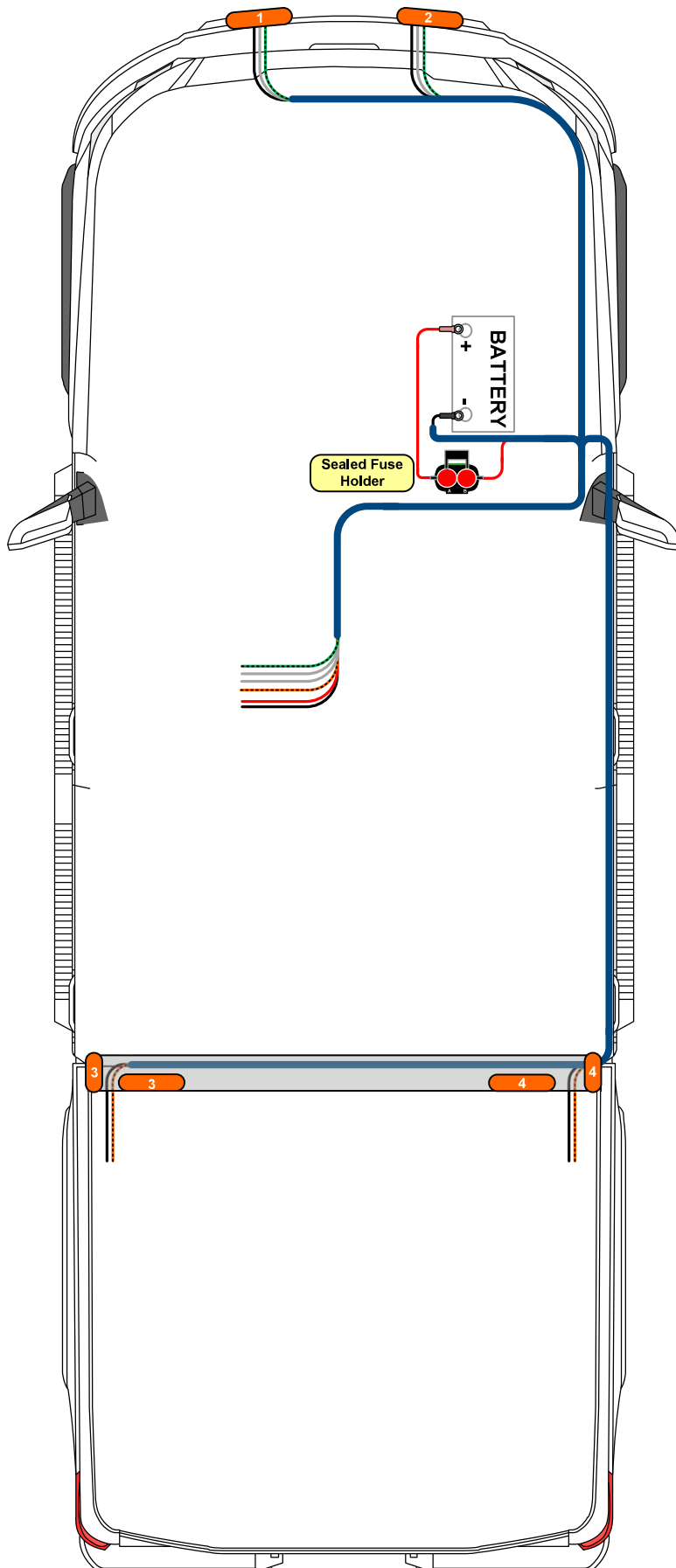


CENTER CONSOLE:

The braiding stops at the console with the exposed wires running to the rear of the vehicle. The harness can be cut to length for use in a wide array of vehicles and lighting controller mounting locations.

CONSOLE CIRCUITS:

- GRILLE LIGHTS**
- 18 Ga. GN/BK Driver Grille Light 1 "LT 1" to Grille
 - 18 Ga. GN/BK Driver Grille Light 3 "LT 3" to Grille
 - 18 Ga. GN/BK Driver Grille Light 5 "LT 5" to Grille
 - 18 Ga. BK Grille Light 1 Ground "LT 1 GND" to Battery
 - 18 Ga. GN/BK Pass. Grille Light 2 "LT 2" to Grille
 - 18 Ga. GN/BK Pass. Grille Light 4 "LT 4" to Grille
 - 18 Ga. GN/BK Pass. Grille Light 6 "LT 6" to Grille
 - 18 Ga. BK Grille Light 2 Ground "LT 2 GND" to Battery
- RADIO**
- 10 Ga. RD Radio Power "RADIO PWR" to Battery
 - 10 Ga. BK Radio Ground "RADIO GND" to Battery



FRONT LIGHTING:

GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light "GRL LT 1" from Console
- 18 Ga. GY Driver Grille Light Sync "LT 1 SYNC" from Console
- 18 Ga. BK Driver Grille Light Ground "LT 1 GND" from Ground Assembly
- 18 Ga. GN/BK Pass. Grille Light "GRL LT 2" from Console
- 18 Ga. GY Pass. Grille Light Sync "LT 2 SYNC" from Console
- 18 Ga. BK Pass. Grille Light Ground "LT 2 GND" from Ground Assembly

CONSOLE POWER

- 10 Ga. RD Console Power, (30A) "POWER" to Console
- 10 Ga. BK Console Ground "GROUND" to Console

CONSOLE COMPONENTS:

GRILLE LIGHTS

- 18 Ga. GN/BK Front Grille Lights "GRILLE LTS" to Front Grille
- 18 Ga. GY Driver Grille Light Sync "LT 1 SYNC" to Front Grille
- 18 Ga. GY Pass. Grille Light Sync "LT 2 SYNC" to Front Grille

CONSOLE POWER

- 10 Ga. RD Console Power, (30A) "POWER" from Battery
- 10 Ga. BK Console Ground "GROUND" from Battery

BACK RACK LIGHTS

- 18 Ga. OR/BK Back Rack Lights "RACK LTS" to Back Rack

Note: The braiding stops at the console with the exposed wires running to the rear of the vehicle. The harness can be cut to length for use in a wide array of vehicles and lighting controller mounting locations.

REAR LIGHTING:

BACK RACK LIGHTS

- 18 Ga. OR/BK Driver Back Rack Lights "RACK LT 3" from Console
- 18 Ga. BK Driver Rack Lights Ground "LT 3 GND" from Ground Assembly
- 18 Ga. OR/BK Pass. Back Rack Lights "RACK LT 4" from Console
- 18 Ga. BK Pass. Rack Lights Ground "LT 4 GND" from Ground Assembly

TECHNICAL SUPPORT & SALES CONTACT:

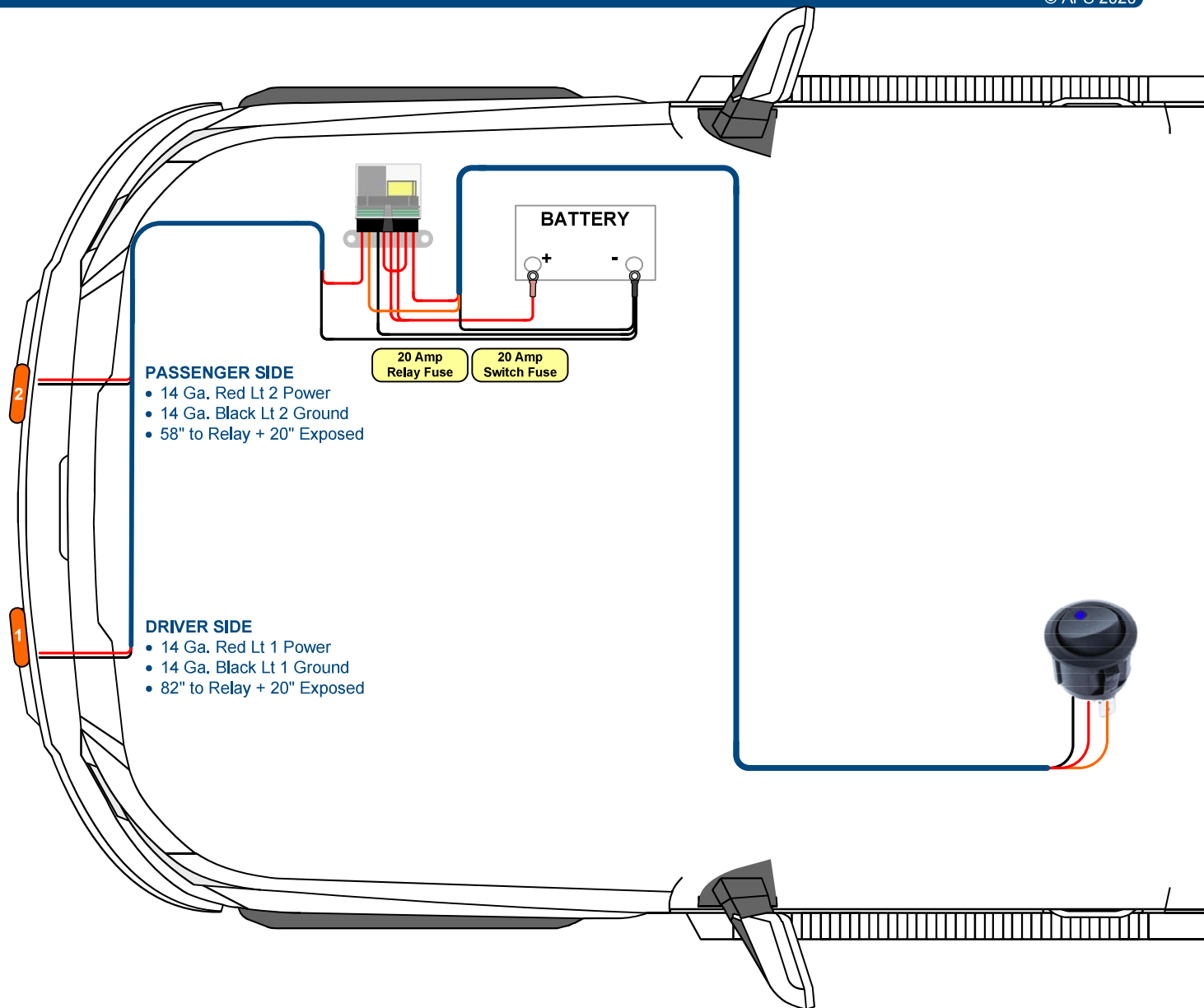
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 031523

ECN 000000



- (2) SSDT-FP2 – 2 Position Female Plug Connector
- (2) SSDT-PW2 – 2 Position Female Wedgelock
- (4) SSDT-SOC1618 – Female Socket Terminal
- (2) SSDT-MR2 – 2 Position Male Receptacle Connector
- (2) SSDT-RW2 – 2 Position Male Wedgelock
- (4) SSDT-PIN1618 – Male Pin Terminal
- (4) SSBC-1416PS 14-16Ga. Ins. Splice

PRODUCTS SHOWN ON LAYOUT:

Front Lighting Harness: 12-OR2FL
 Rocker Switch: SW-SPST-20
 Connector Kit: 12-2FL

TECHNICAL SUPPORT & SALES CONTACT:

Phone: 844-423-7200

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Web: www.allfleetsolutions.com

EDD 072921

ECN 000000

12V ROUND BODY ROCKER SWITCH

- Pin 1 – 14 Ga. Red Switch Power
- Pin 2 – 14 Ga. Orange Lt Trigger
- Pin 3 – 14 Ga. Black Switch Ground
- 12" Exposed
- 78" to Relay + 10" Exposed

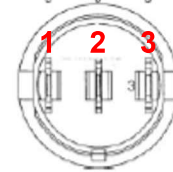
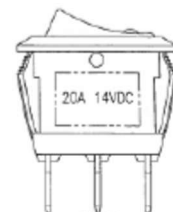
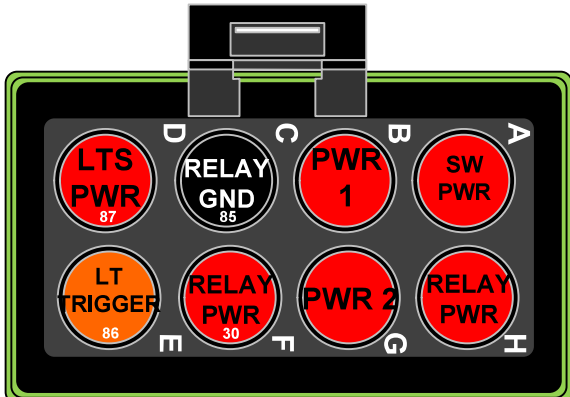


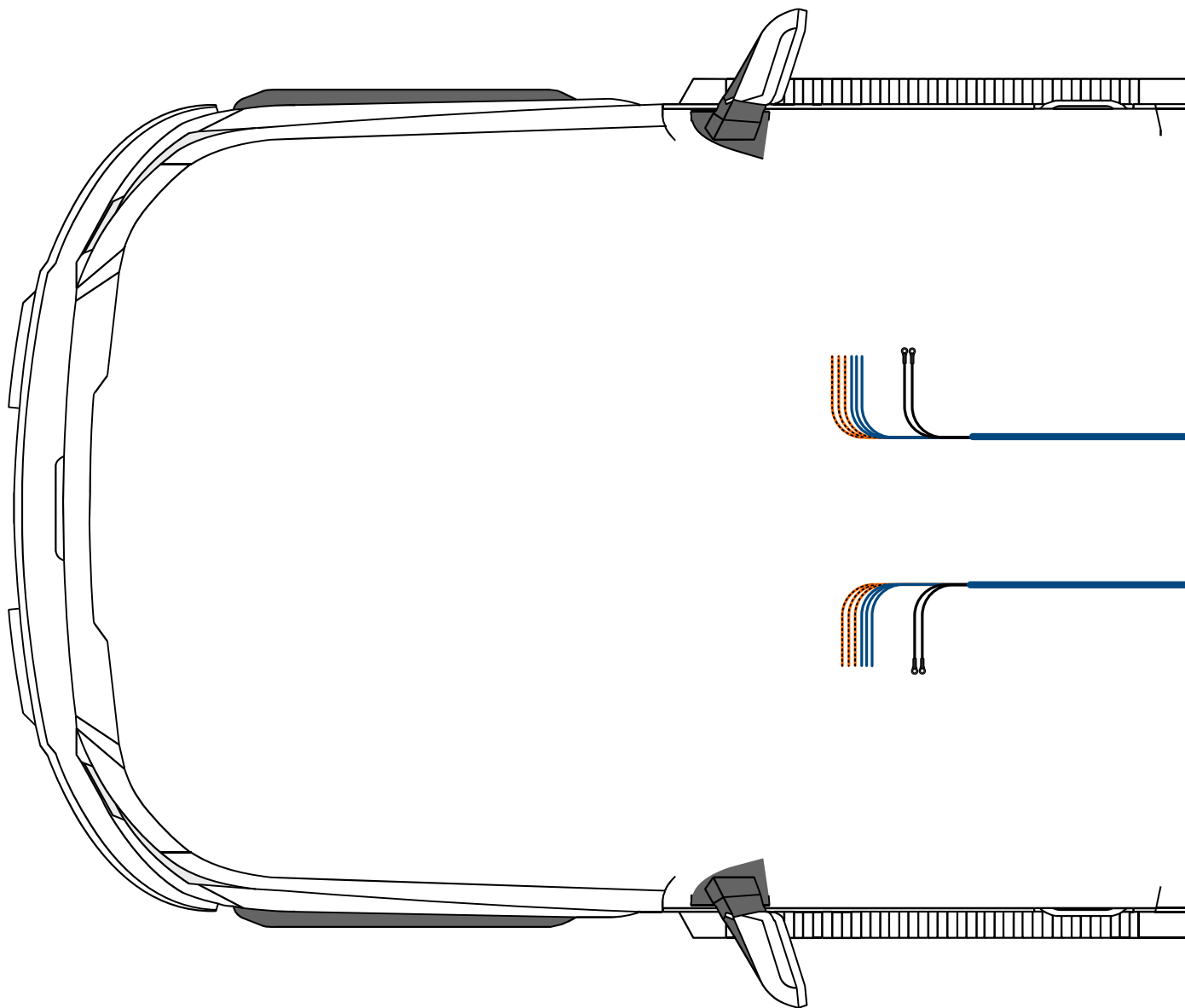
Ground

Light Trigger

Switch Power

Note: Relay connector & switch shown in rear view.





CONSOLE CIRCUITS:

TLH01-P

- 18 Ga. BK Pass. Rear Warning Lights 2 Ground "LT 64 GND"
- 18 Ga. OR/BK Pass. Rear Warning Lights 2 "RER W LT64"
- 18 Ga. OR/BK Pass. Rear Warning Lights 2 "RER W LT66"
- 18 Ga. OR/BK Pass. Rear Warning Lights 2 "RER W LT68"
- 18 Ga. BK Pass. Rear Warning Lights 1 Ground "LT 70 GND"
- 18 Ga. BL Pass. Rear Warning Lights 1 "RER W LT70"
- 18 Ga. BL Pass. Rear Warning Lights 1 "RER W LT72"
- 18 Ga. BL Pass. Rear Warning Lights 1 "RER W LT74"

TLH01-D

- 18 Ga. BK Driver Rear Warning Lights 2 Ground "LT 63 GND"
- 18 Ga. OR/BK Driver Rear Warning Lights 2 "RER W LT63"
- 18 Ga. OR/BK Driver Rear Warning Lights 2 "RER W LT65"
- 18 Ga. OR/BK Driver Rear Warning Lights 2 "RER W LT67"
- 18 Ga. BK Driver Rear Warning Lights 1 Ground "LT 69 GND"
- 18 Ga. BL Driver Rear Warning Lights 1 "RER W LT69"
- 18 Ga. BL Driver Rear Warning Lights 1 "RER W LT71"
- 18 Ga. BL Driver Rear Warning Lights 1 "RER W LT73"

PRODUCTS SHOWN ON LAYOUT:

Driver Side Harness: TLH01-D

Passenger Side Harness: TLH01-P

TECHNICAL SUPPORT & SALES CONTACT:

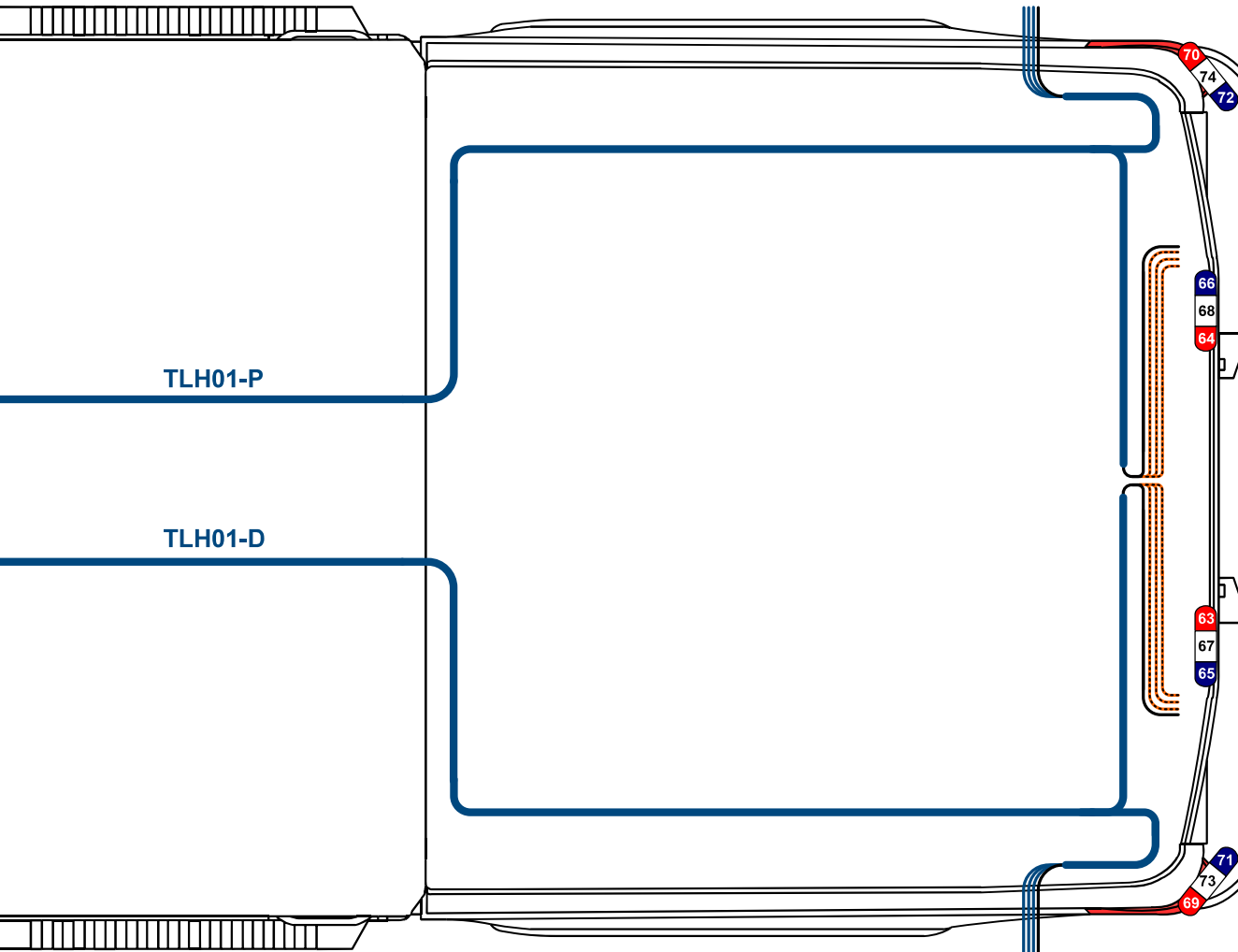
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

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ECN 000000



HARNESS APPLICATIONS:

TRUCK WARNING AND WORK LIGHTS

The TLH Series can be utilized for pick-up and chassis cab installations to support lighting options for rear of the passenger cab.

- The TLH0* Part # includes (1) TLH0*-D Driver Side Harness and (1) TLH0*-P Passenger Side Harness.
- TLH Harnesses can be mixed or matched by contacting us or visiting our website.

THREE TRIGGER LIGHTS

- The TLH Series comes equipped with (3) Triggers at each Light Head location for the Rear Warning & Side Lights.
- Light Triggers support 5 Amp LED Light Heads.

REAR CIRCUITS:

PASS REAR WARNING LIGHTS 1

- 18 Ga. BL Rear Warning Light 1 "RER W LT70"
- 18 Ga. BL Rear Warning Light 1 "RER W LT72"
- 18 Ga. BL Rear Warning Light 1 "RER W LT74"
- 18 Ga. BK Rear Warning Lights 1 Ground "LT 70 GND"

DRIVER REAR WARNING LIGHTS 1

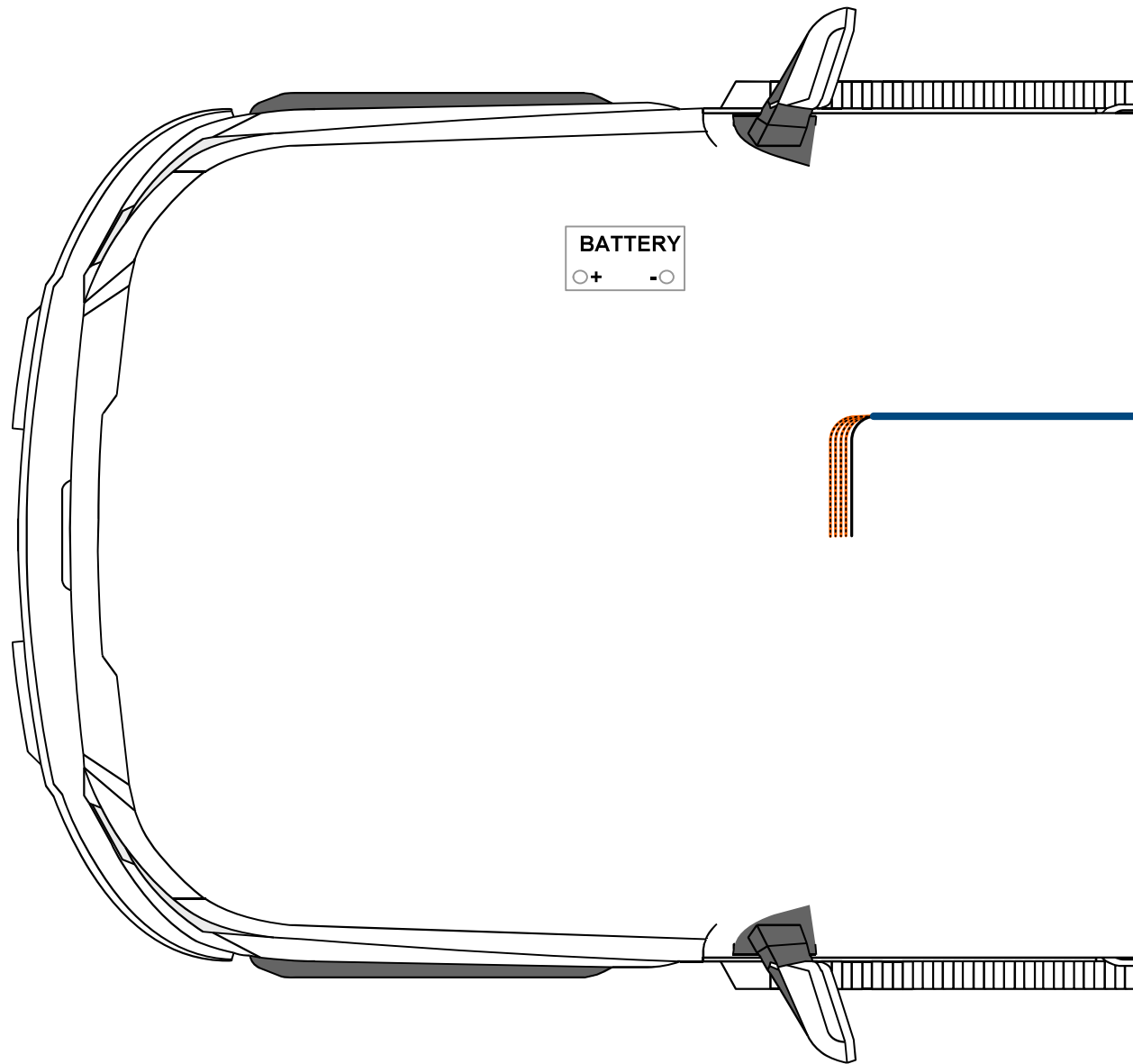
- 18 Ga. BL Rear Warning Light 1 "RER W LT69"
- 18 Ga. BL Rear Warning Light "RER W LT71"
- 18 Ga. BL Rear Warning Light 1 "RER W LT73"
- 18 Ga. BK Rear Warning Lights 1 Ground "LT 70 GND"

PASS REAR WARNING LIGHTS 2

- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT64"
- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT66"
- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT68"
- 18 Ga. BK Rear Warning lights 2 Ground "LT 64 GND"

DRIVER REAR WARNING LIGHTS 2

- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT63"
- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT65"
- 18 Ga. OR/BK Rear Warning Light 2 "RER W LT67"
- 18 Ga. BK Rear Warning Lights Ground "LT 63 GND"



CONSOLE CIRCUITS:

TLH-L2

- 18 Ga. OR/BK Driver Sill Lights 63 "SILL LT 63"
- 18 Ga. OR/BK Pass. Sill Lights 64 "SILL LT 64"
- 18 Ga. OR/BK Driver Sill Lights 65 "SILL LT 65"
- 18 Ga. OR/BK Pass. Sill Lights 66 "SILL LT 66"
- 18 Ga. BK Sill Lights Ground "LTS GND"

PRODUCTS SHOWN ON LAYOUT:

Main Harness:
Front Harness:
Rear Harness: TLH-L2
Battery Cable:

TECHNICAL SUPPORT & SALES CONTACT:

Phone: 844-423-7200

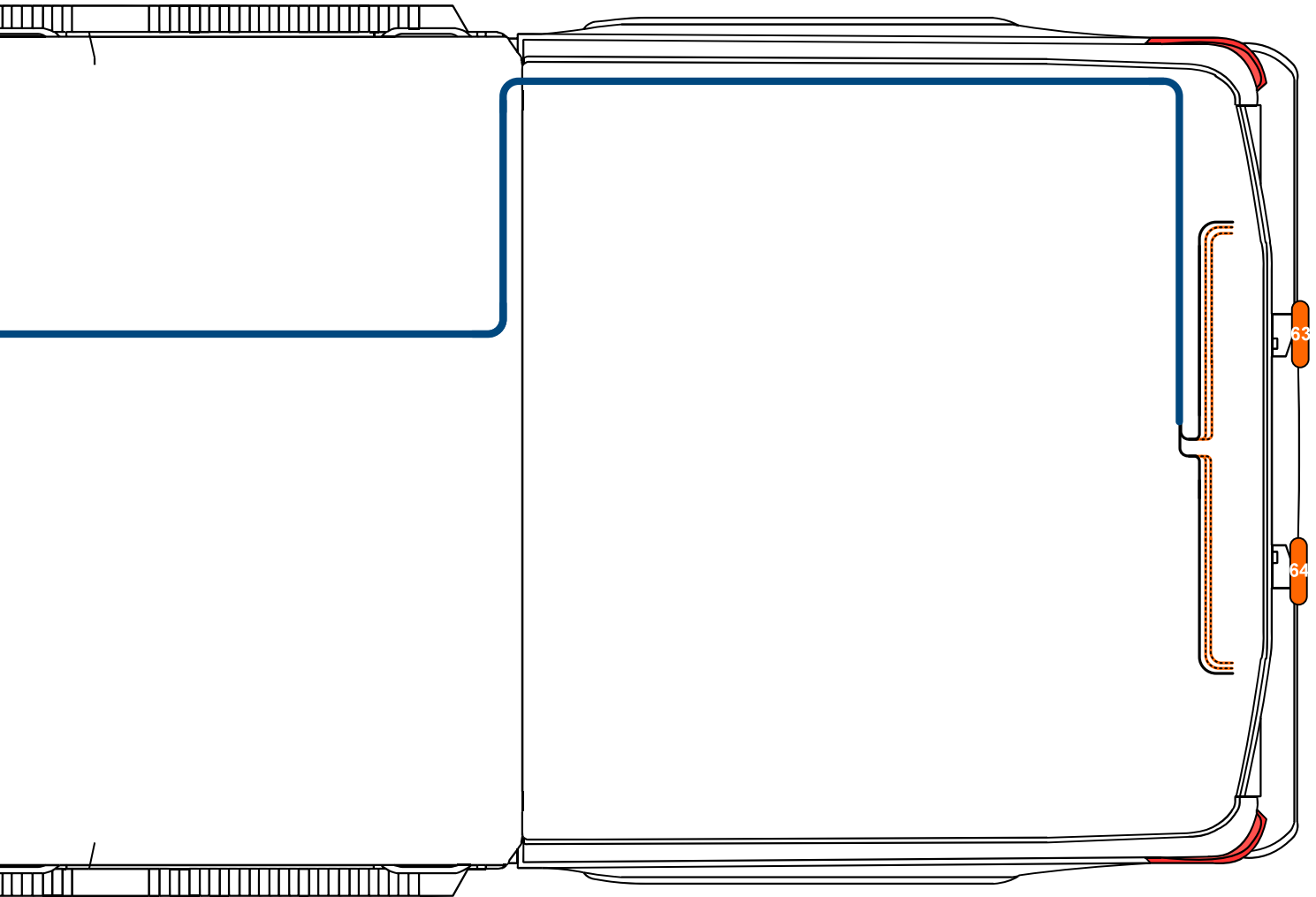
Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

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ECN 000000

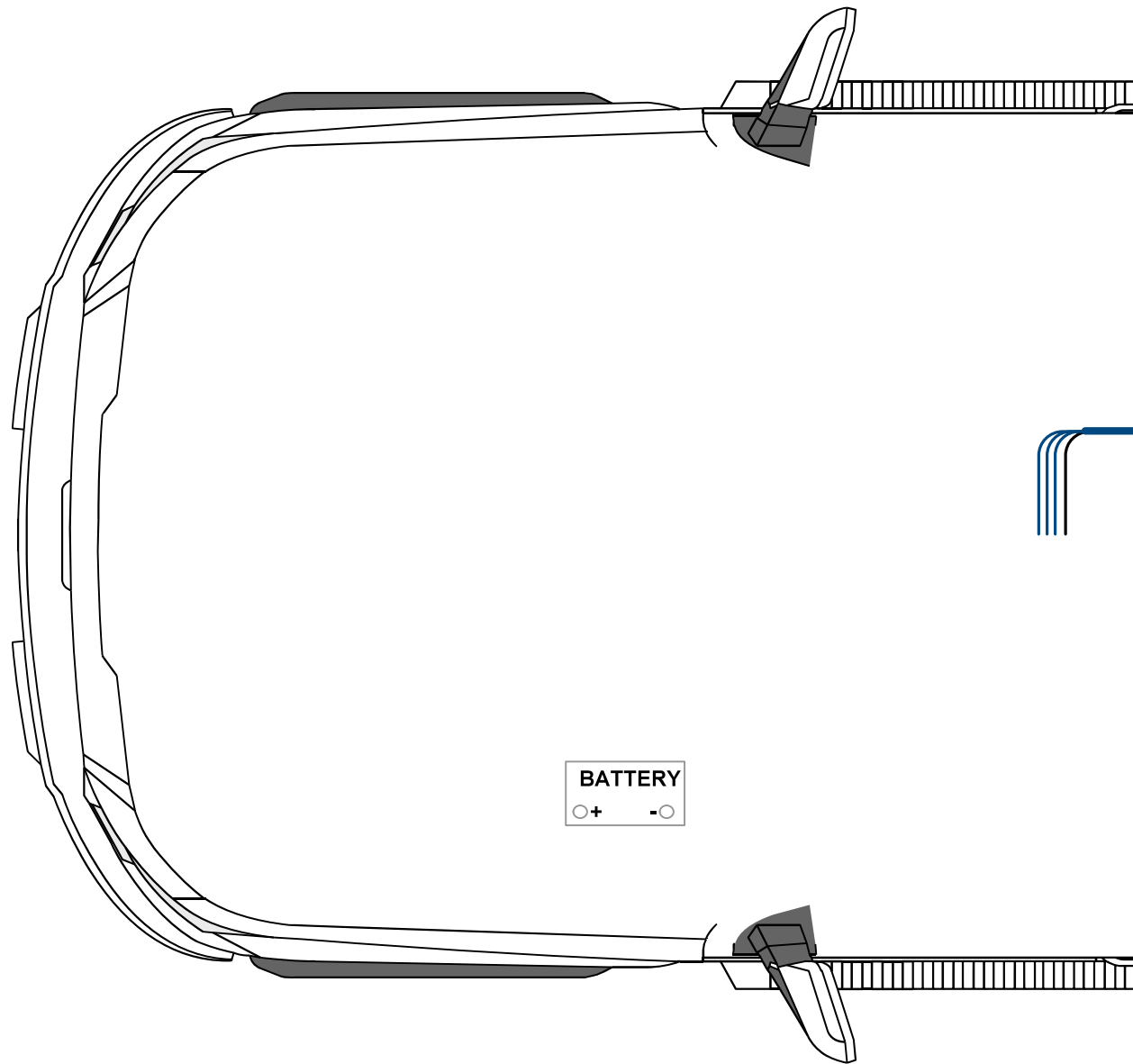
Utilize Spare Triggers Sill Lt. 65 & 66 for Sync



REAR CIRCUITS:

LICENSE PLATE LIGHTS

- 18 Ga. OR/BK Driver Sill Lights 63 "SILL LT 63"
- 18 Ga. OR/BK Driver Sill Lights 65 "SILL LT 65"
- 18 Ga. BK Driver Sill Lights Ground "LT 63 GND"
- 18 Ga. OR/BK Pass. Sill Lights 64 "SILL LT 64"
- 18 Ga. OR/BK Pass. Sill Lights 66 "SILL LT 66"
- 18 Ga. BK Pass. Sill Lights Ground "LT 64 GND"



CONSOLE CIRCUITS:

TLH-L2

- 18 Ga. BL Rear Lights 1 & 2 "REAR LTS"
- 18 Ga. BL Pass. Rear Lights 3 "REAR LT 3"
- 18 Ga. BL Driver Rear Lights 4 "REAR LT 4"
- 18 Ga. BK Rear Lights Ground "GROUND"

PRODUCTS SHOWN ON LAYOUT:

Main Harness:
Front Harness:
Rear Harness: TLH-R2
Battery Cable:

TECHNICAL SUPPORT & SALES CONTACT:

Phone: 844-423-7200

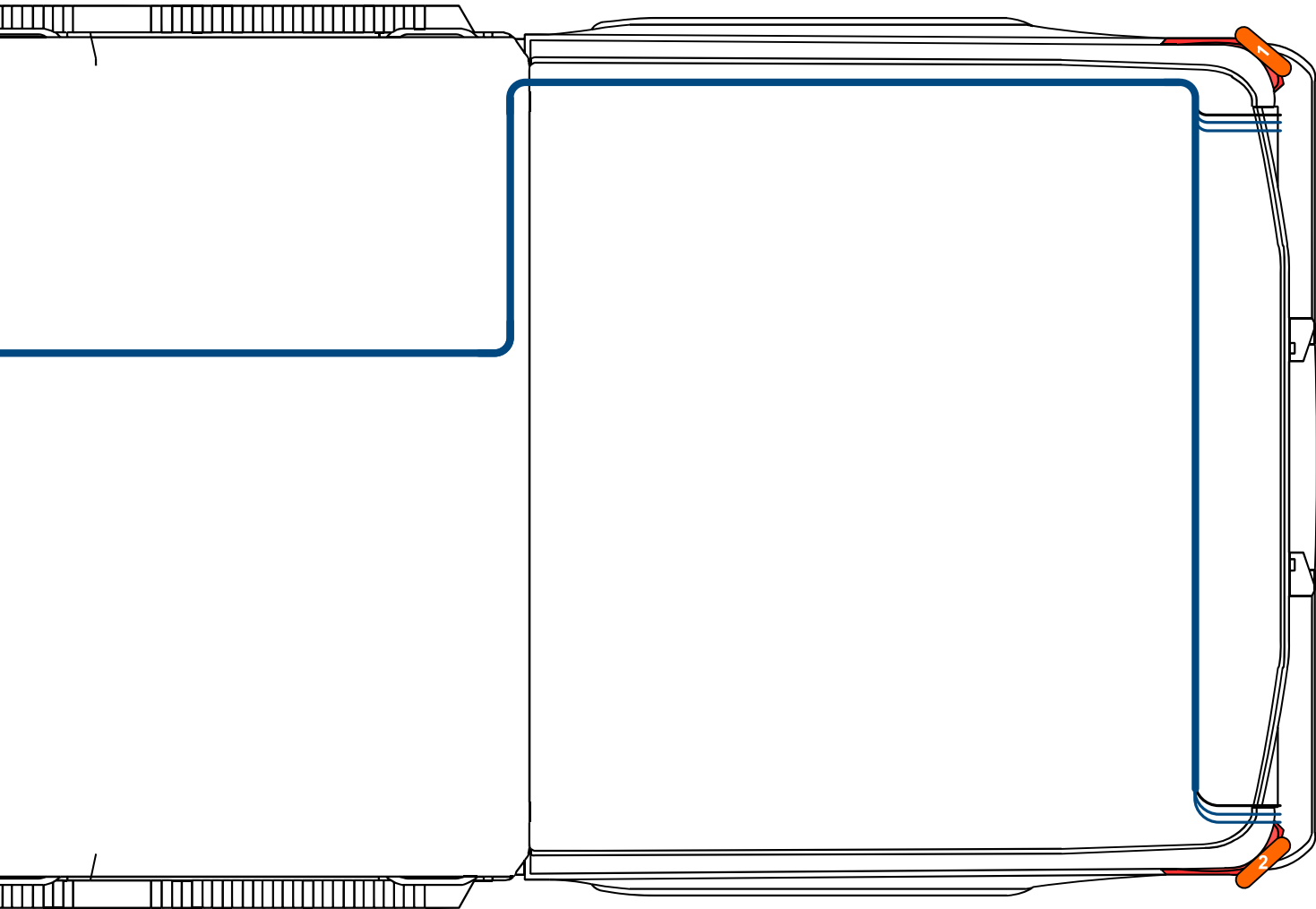
Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 120423

ECN 000000

Utilize Spare Triggers Rear Lt. 3 & 4 for Sync



REAR CIRCUITS:

REAR LIGHTS

- 18 Ga. BL Driver Rear Lights 2 "REAR LT 2"
- 18 Ga. BL Driver Rear Lights 4 "REAR LT 4"
- 18 Ga. BK Driver Rear Lights Ground "LT 2 GND"
- 18 Ga. BL Pass. Rear Lights 1 "REAR LT 1 "
- 18 Ga. BL Pass. Rear Lights 3 "REAR LT 3"
- 18 Ga. BK Pass. Rear Lights Ground "LT 1 GND"

Note: Connectors shown in rear view.

UPFITTER CONNECTIONS:

Light connections to be made underhood at supplied upfitter auxiliary connectors & pigtail wires.



FRONT LIGHTS



CONNECT
OPTIONAL HARNESS
MOD-FLH4

REAR LIGHTS



CONNECT
OPTIONAL HARNESS
MOD-RLH6

WORK LIGHTS 1 & 2



CONNECT
OPTIONAL HARNESS
MOD-W

MINI LIGHTBAR



CONNECT
OPTIONAL HARNESS
MOD-LB

UPFITTER SWITCHES:

MAIN GROUND

- 10 Ga. BK Main Ground "MAIN GND" to Ground Assembly

FRONT LIGHTS

- 14 Ga. RD Front Lights Trigger 1 "FRT LTS" to Front Lights
- 14 Ga. YW Front Lights Trigger 2 "FRT LTS" to Front Lights

REAR LIGHTS

- 14 Ga. RD Rear Lights Trigger 1 "REAR LTS" to Rear Lights
- 14 Ga. YW Rear Lights Trigger 2 "REAR LTS" to Rear Lights

WORK LIGHTS

- 14 Ga. RD Work Light 1 Power "WORK 1 PWR" to Work Light
- 14 Ga. RD Work Light 2 Power "WORK 2 PWR" to Work Light

MINI LIGHTBAR

- 14 Ga. RD Mini Lightbar Trigger 1 "LB LTS" to Rear Breakout
- 14 Ga. YW Mini Lightbar Trigger 2 "LB LTS" to Rear Breakout

OPTIONAL LIGHTING CONNECTIONS:

FRONT LIGHTS

- 14 Ga. RD Front Lights Trigger "FRT LTS" from Upfitter Switch
- 14 Ga. YW Front Lights Trigger "FRT LTS" from Upfitter Switch
- 14 Ga. GN Light Sync Wire "SYNC" from Sync Assembly
- 14 Ga. BK Front Lights Ground "FRONT GND" from Ground Assembly

REAR LIGHTS

- 14 Ga. RD Rear Lights Trigger "RER LTS" from Upfitter Switch
- 14 Ga. YW Rear Lights Trigger "RER LTS" from Upfitter Switch
- 14 Ga. GN Light Sync Wire "SYNC" from Sync Assembly
- 14 Ga. BK Rear Lights Ground "REAR GND" from Ground Assembly

WORK LIGHTS 1 & 2

- 14 Ga. RD Work Light 1 Power "WORK 1 PWR" from Upfitter Switch
- 14 Ga. BK Work Light 1 Ground "WORK 1 GND" from Ground Assembly
- 14 Ga. RD Work Light 2 Power "WORK 2 PWR" from Upfitter Switch
- 14 Ga. BK Work Light 2 Ground "WORK 2 GND" from Ground Assembly

MINI LIGHTBAR

- 14 Ga. RD Mini Lightbar Trigger 1 "LB LTS" from Upfitter Switch
- 14 Ga. YW Mini Lightbar Trigger 2 "LB LTS" from Upfitter Switch
- 16 Ga. GN Mini Lightbar Sync Wire "LB SYNC" from Sync Assembly
- 14 Ga. BK Mini Lightbar Ground "LB GND" from Ground Assembly

TECHNICAL SUPPORT & SALES CONTACT:

Phone: 844-423-7200

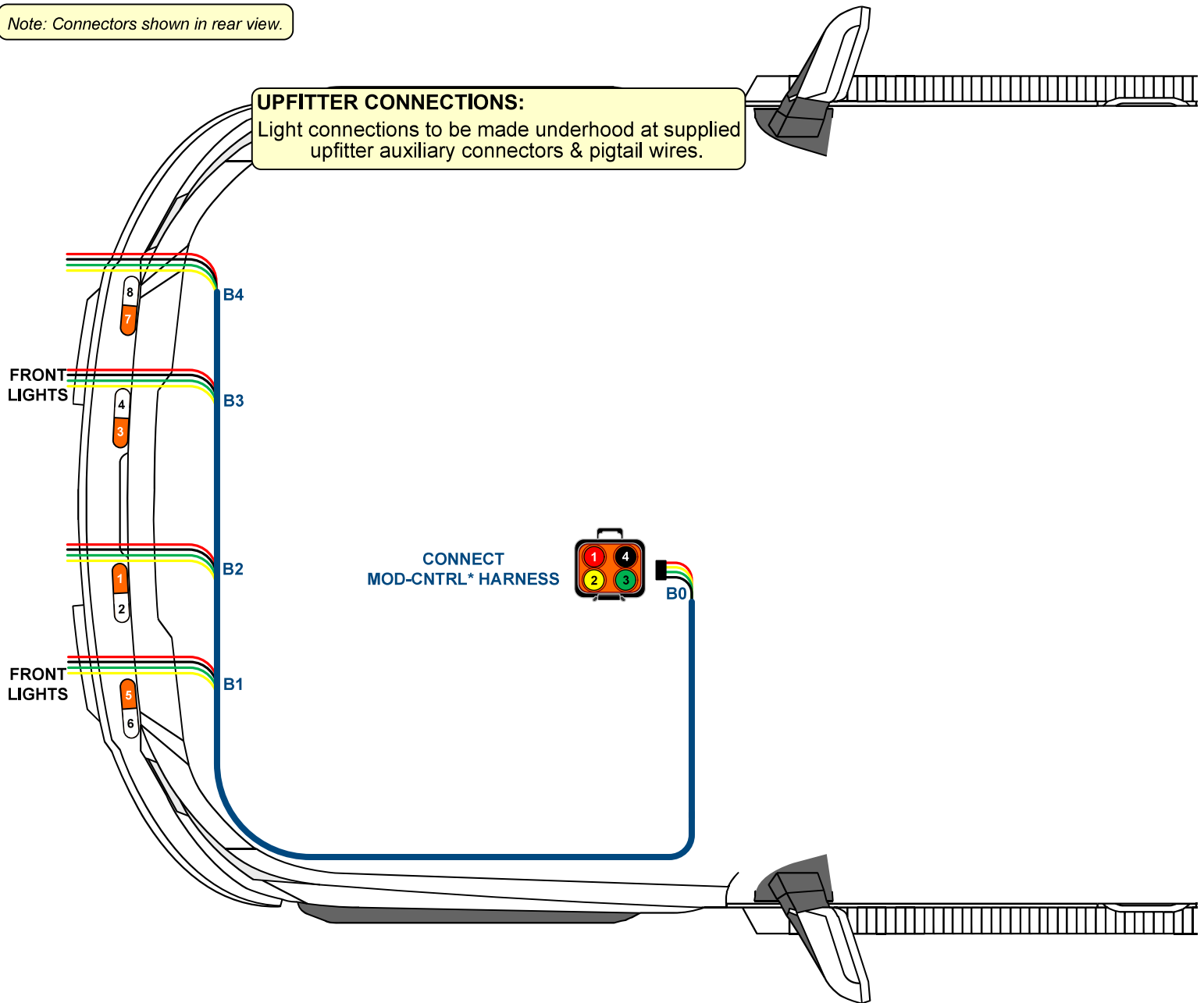
Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

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Note: Connectors shown in rear view.



FRONT LIGHTING:

FRONT LIGHTS 1-2

- 18 Ga. RD Front Lights Trigger 1 "FRT LT 1" from DT Pin 1 Assembly
- 18 Ga. YW Front Lights Trigger 2 "FRT LT 2" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 1" from DT Pin 3 Assembly
- 18 Ga. BK Front Light 1 Ground "LT 1 GND" from DT Pin 4 Assembly

FRONT LIGHTS 3-4

- 18 Ga. RD Front Lights Trigger 1 "FRT LT 3" from DT Pin 1 Assembly
- 18 Ga. YW Front Lights Trigger 2 "FRT LT 4" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 3" from DT Pin 3 Assembly
- 18 Ga. BK Front Light 3 Ground "LT 3 GND" from DT Pin 4 Assembly

FRONT LIGHTS 5-6

- 18 Ga. RD Front Lights Trigger 1 "FRT LT 5" from DT Pin 1 Assembly
- 18 Ga. YW Front Lights Trigger 2 "FRT LT 6" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 5" from DT Pin 3 Assembly
- 18 Ga. BK Front Light 5 Ground "LT 5 GND" from DT Pin 4 Assembly

FRONT LIGHTS 7-8

- 18 Ga. RD Front Lights Trigger 1 "FRT LT 7" from DT Pin 1 Assembly
- 18 Ga. YW Front Lights Trigger 2 "FRT LT 8" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 7" from DT Pin 3 Assembly
- 18 Ga. BK Front Light 7 Ground "LT 7 GND" from DT Pin 4 Assembly

TECHNICAL SUPPORT & SALES CONTACT:

Phone: 844-423-7200

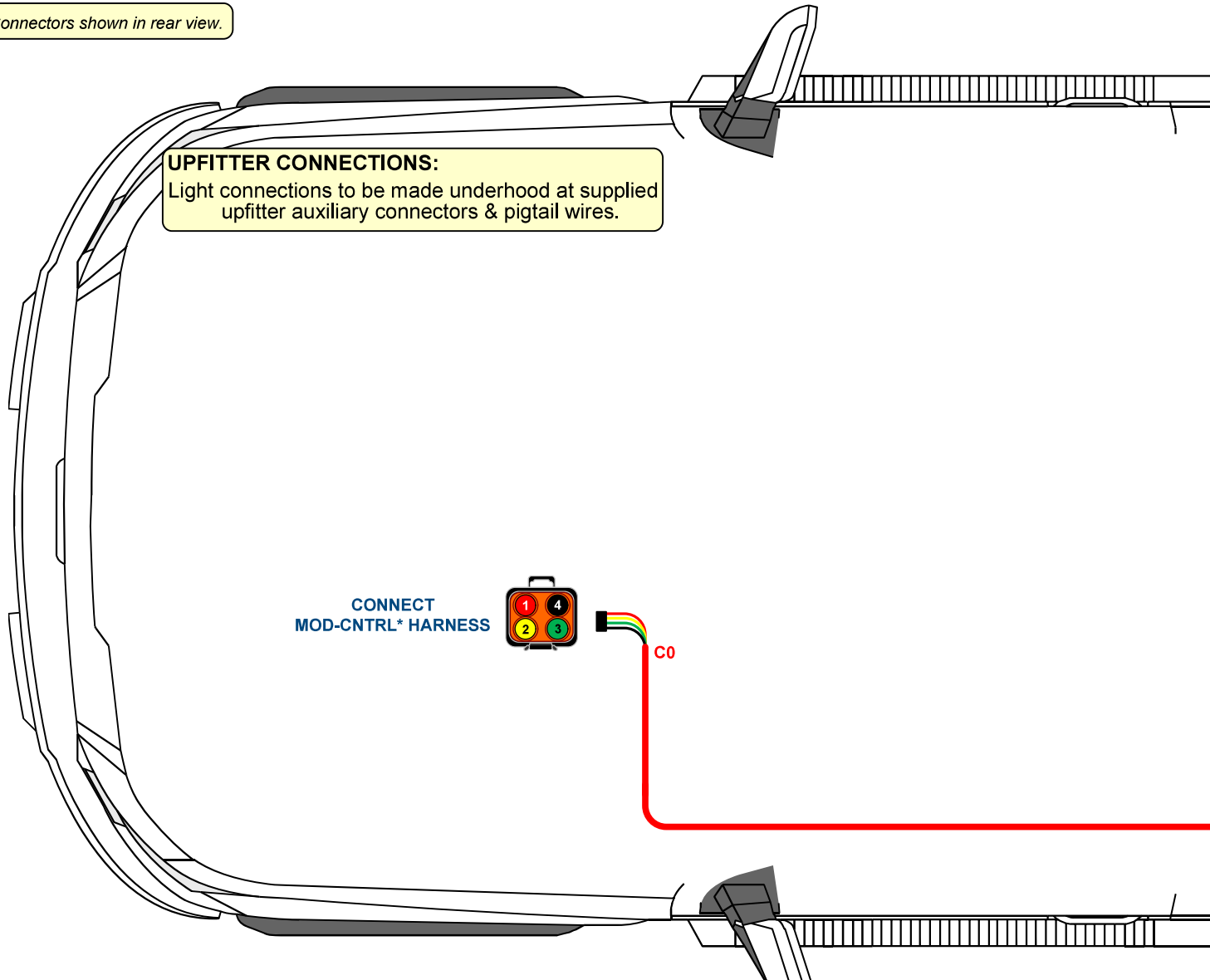
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ECN 000000

Note: Connectors shown in rear view.



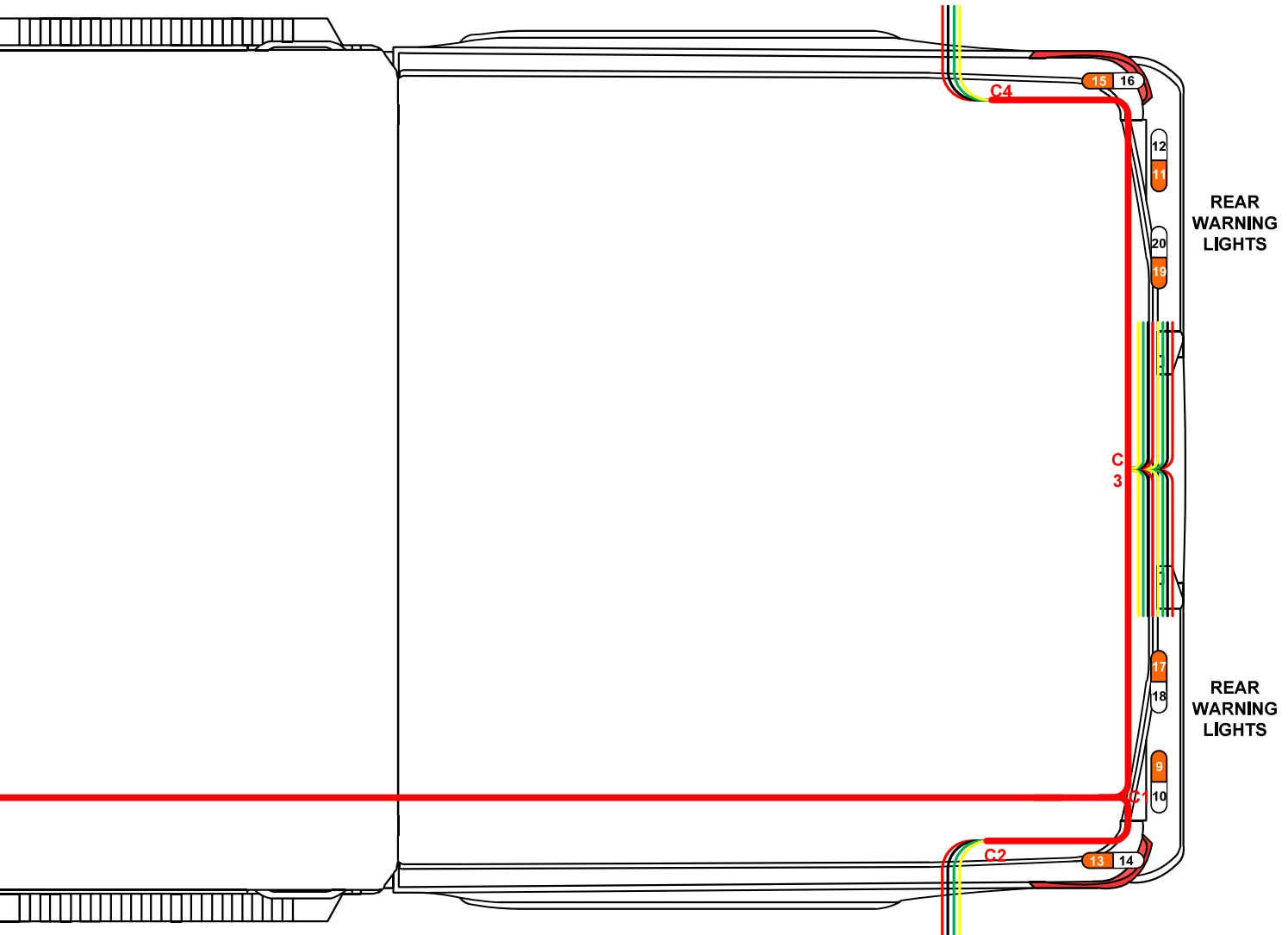
FRONT LIGHTING:

UPFITTER SWITCHES:

PRODUCTS SHOWN ON LAYOUT:**Rear Lighting Harness: MOD-RLH6****TECHNICAL SUPPORT & SALES CONTACT:****Phone: 844-423-7200****Email: sales@allfleetsolutions.com****Web: www.allfleetsolutions.com**

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ECN 000000

**REAR LIGHTING:****REAR LIGHTS 9-10**

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 9" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 10" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 9" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 9 Ground "LT 9 GND" from DT Pin 4 Assembly

REAR LIGHTS 11-12

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 11" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 12" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 11" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 11 Ground "LT 11 GND" from DT Pin 4 Assembly

REAR LIGHTS 13-14

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 13" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 14" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 13" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 13 Ground "LT 13 GND" from DT Pin 4 Assembly

REAR LIGHTS 15-16

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 15" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 16" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 15" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 15 Ground "LT 15 GND" from DT Pin 4 Assembly

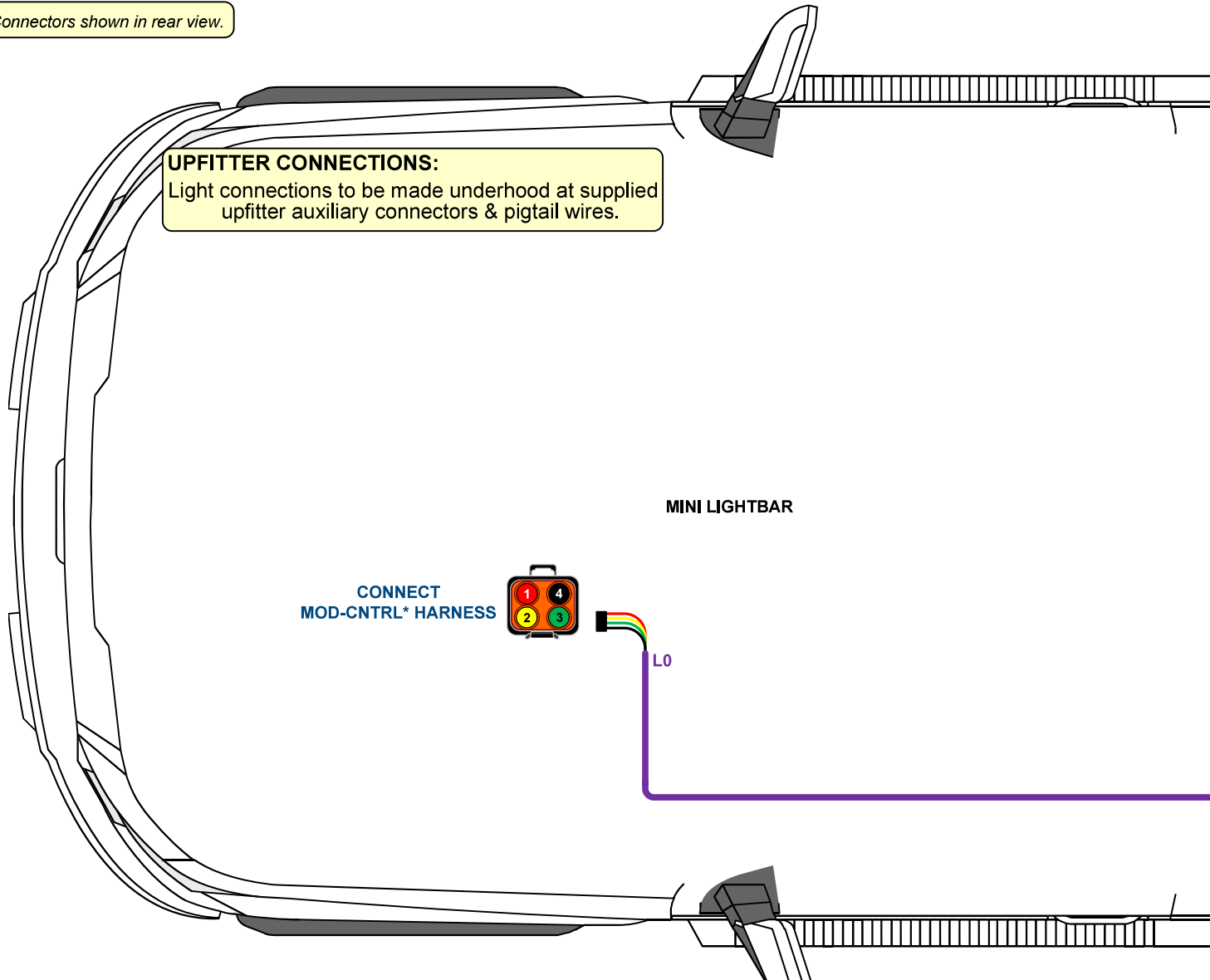
REAR LIGHTS 17-18

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 17" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 18" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 17" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 17 Ground "LT 17 GND" from DT Pin 4 Assembly

REAR LIGHTS 19-20

- 18 Ga. RD Rear Lights Trigger 1 "RER LT 19" from DT Pin 1 Assembly
- 18 Ga. YW Rear Lights Trigger 2 "RER LT 20" from DT Pin 2 Assembly
- 18 Ga. GN Light Sync Wire "SYNC 19" from DT Pin 3 Assembly
- 18 Ga. BK Rear Light 19 Ground "LT 19 GND" from DT Pin 4 Assembly

Note: Connectors shown in rear view.



FRONT LIGHTING:

UPFITTER SWITCHES:

PRODUCTS SHOWN ON LAYOUT:

Lightbar Harness: MOD-LB

TECHNICAL SUPPORT & SALES CONTACT:

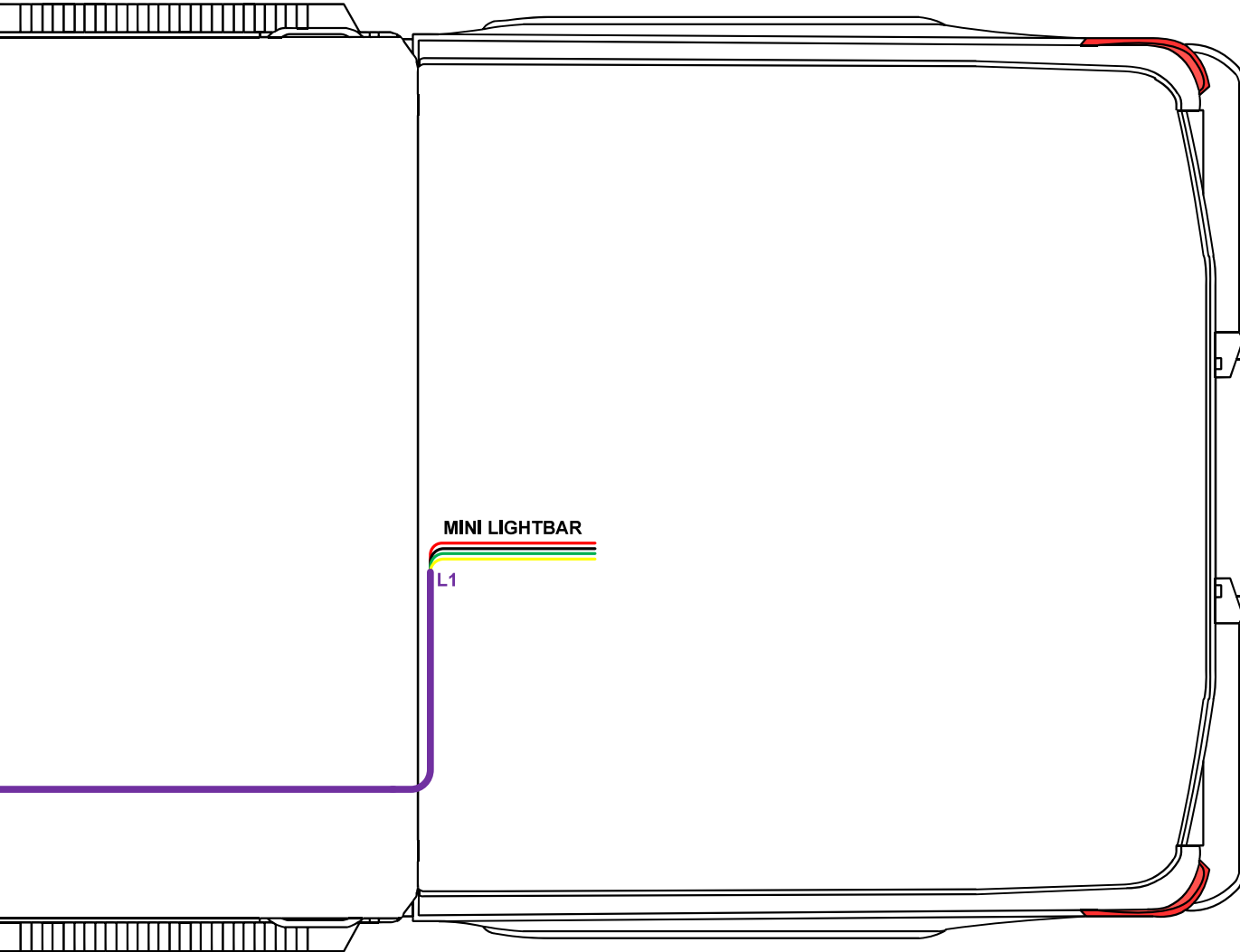
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REAR LIGHTING:

MINI LIGHTBAR

- 14 Ga. RD Mini Lightbar Trigger 1 "LB LTS" from DT Pin 1
- 14 Ga. YW Mini Lightbar Trigger 2 "LB LTS" from DT Pin 2
- 16 Ga. GN Mini Lightbar Sync Wire "LB SYNC" from DT Pin 3
- 14 Ga. BK Mini Lightbar Ground "LB GND" from DT Pin 4

Note: Connectors shown in rear view.

UPFITTER CONNECTIONS:

Light connections to be made underhood at supplied upfitter auxiliary connectors & pigtail wires.

CONNECT
 MOD-CNTRL* HARNESS



W0

FRONT LIGHTING:

UPFITTER SWITCHES:

PRODUCTS SHOWN ON LAYOUT:

Rear Lighting Harness: MOD-W

TECHNICAL SUPPORT & SALES CONTACT:

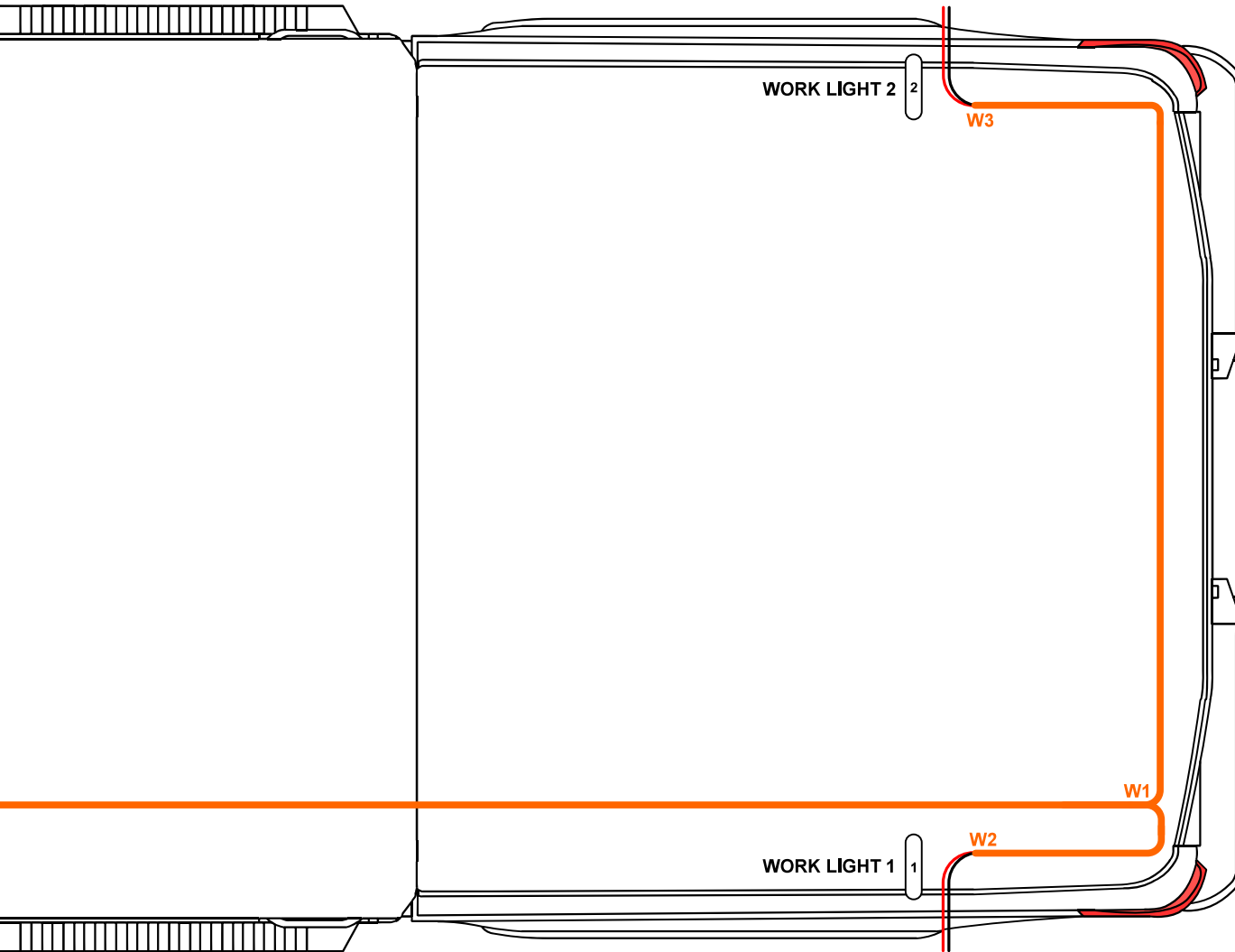
Phone: 844-423-7200

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ECN 000000



REAR LIGHTING:

WORK LIGHT 1

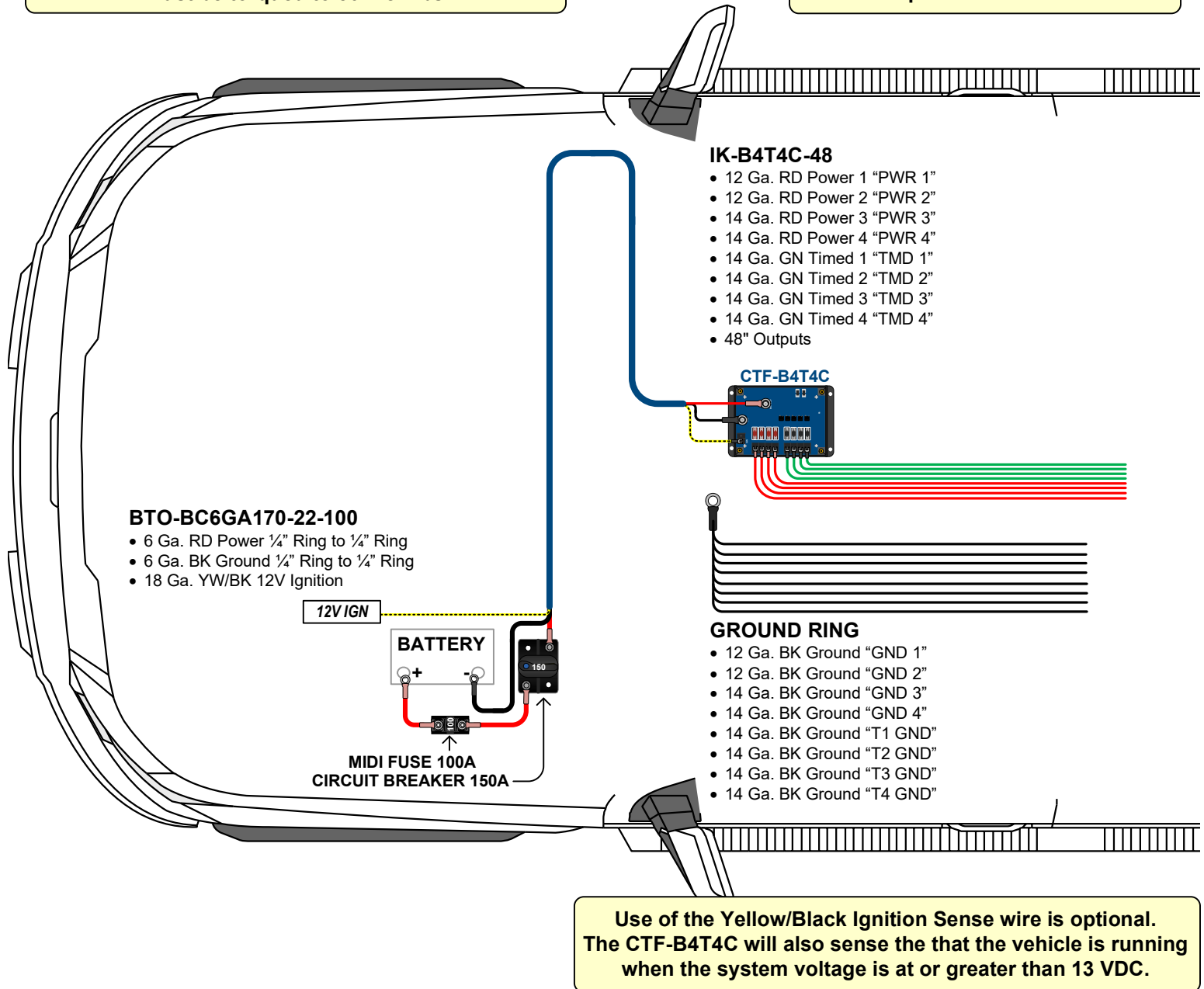
- 14 Ga. RD Work Light 1 Power "WORK 1 PWR" from DT Pin 1
- 14 Ga. BK Work Light 1 Ground "WORK 1 GND" from DT Pin 2

WORK LIGHT 2

- 14 Ga. RD Work Light 2 Power "WORK 2 PWR" from DT Pin 3
- 14 Ga. BK Work Light 2 Ground "WORK 2 GND" from DT Pin 4

All Battery Cable Connections, including at the Battery, Fuse Holder, Circuit Breaker and Fuse Panel must be torqued to 50 inch/lbs.

All Terminal Strip Connections at the CTF-B4T4C Fuse Panel must be torqued to 15 inch/lbs.



See CTF-B4T4C Instructions for maximum amp loads and installation instructions.

TECHNICAL SUPPORT & SALES CONTACT:

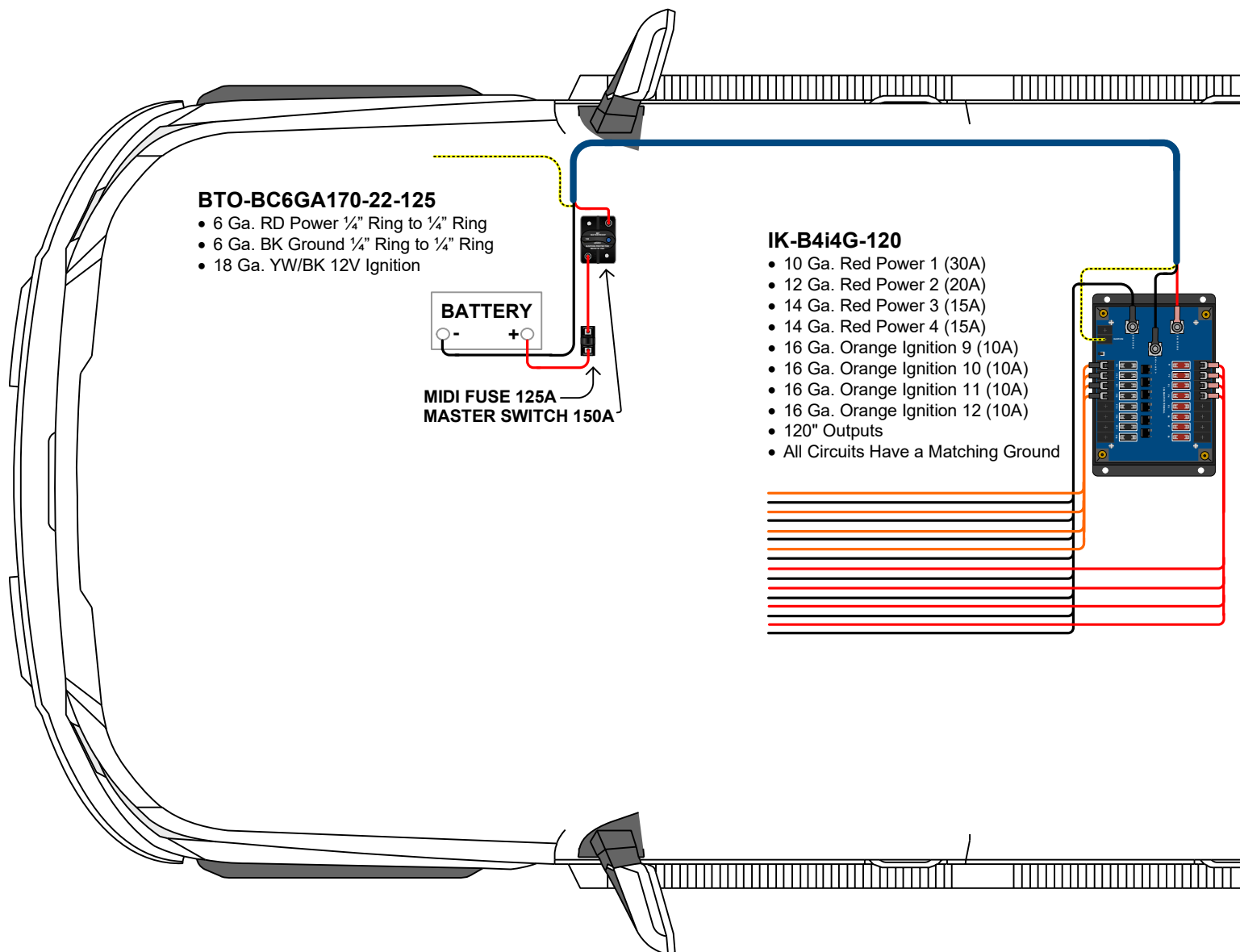
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 050725

ECN 000000



Installation Instructions:

- All Battery Cable connections, including at the Battery, Fuse Holder, Circuit Breaker, and Fuse Panel must be torqued to 50 inch/lbs.
- All Terminal Strip connections at the CTF-B8i8G Fuse Panel must be torqued to 15 inch/lbs.
- Use of the Yellow/Black Ignition Sense wire is required for operation of ignition circuits.
- See CTF-B8i8G Instructions for maximum amp loads and installation instructions.

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EDD 010524

ECN 000000

All Battery Cable Connections, including at the Battery, Fuse Holder, Circuit Breaker and Fuse Panel must be torqued to 50 inch/lbs.

All Terminal Strip Connections at the CTF Fuse Panel must be torqued to 15 inch/lbs.

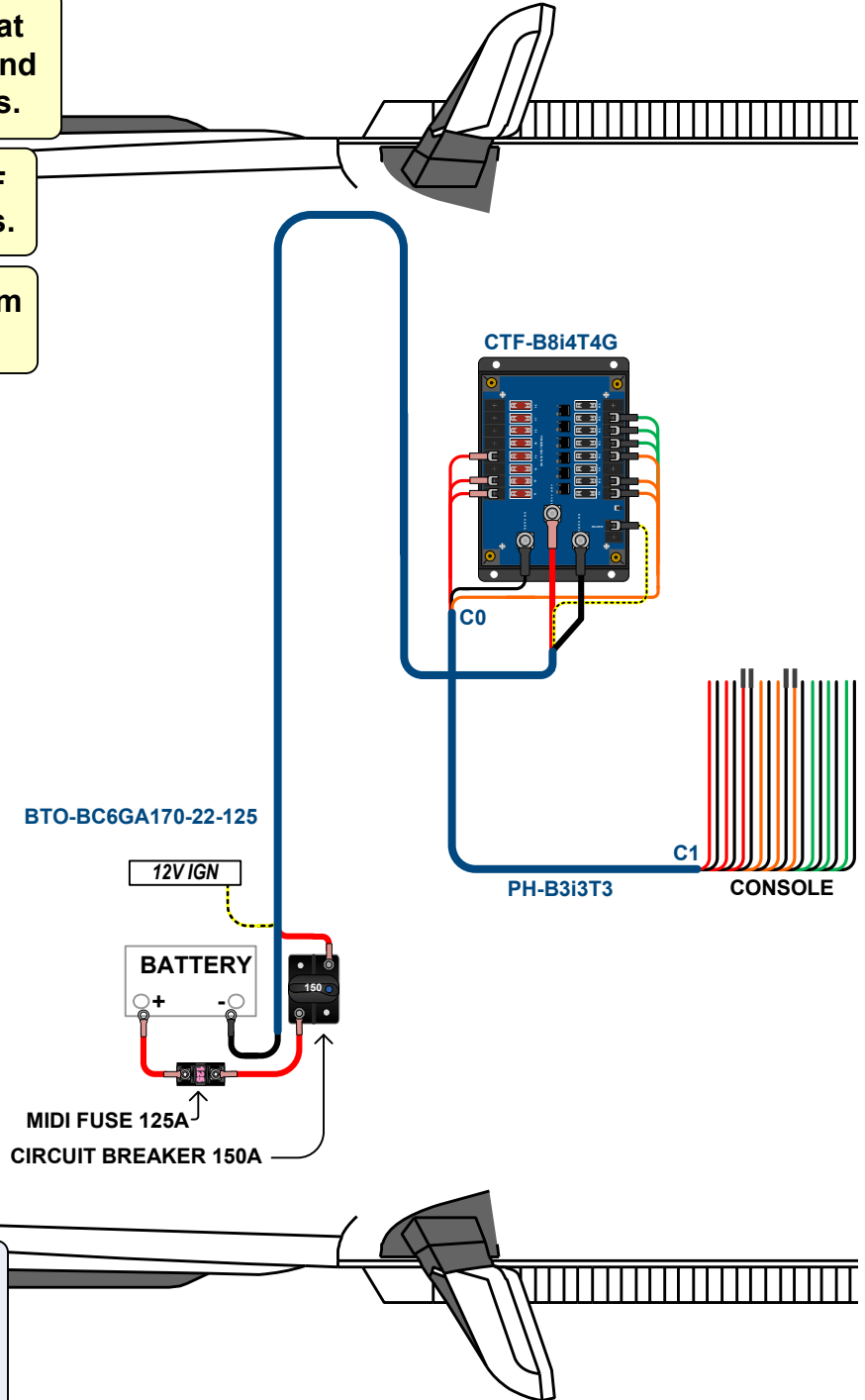
See CTF-B8i4T4G Instructions for maximum amp loads and installation instructions.

BATTERY CABLE:
BTO-BC6GA170-22-125

- 6 Ga. RD Power (125A)
- 6 Ga. BK Ground
- 18 Ga. YW/BK 12VDC
- 150 Amp Circuit Breaker
- 125 Amp Midi Fuse
- 6 Ga. Power 6" Battery to Midi Fuse
- 6 Ga. Power 12" Circuit Breaker to Midi Fuse

CONSOLE COMPONENTS:
PH-B3i3T3 OUTPUTS

- 10 Ga. RD Radio 1 Power "F1" from CTF F1
- 10 Ga. BK Radio 1 Ground "F1 GND" from Ground Assembly
- 10 Ga. RD Radio 2 Power "F2" from CTF F2
- 10 Ga. BK Radio 2 Ground "F2 GND" from Ground Assembly
- 14 Ga. RD Spare Power "F4" from CTF F4
- 14 Ga. BK Spare Ground "F4 GND" from Ground Assembly
- 14 Ga. OR Accessory 1 Ignition "F9" from CTF F9
- 14 Ga. BK Accessory 1 Ground "F9 GND" from Ground Assembly
- 14 Ga. OR Accessory 2 Ignition "F10" from CTF F10
- 14 Ga. BK Accessory 2 Ground "F10 GND" from Ground Assembly
- 14 Ga. OR Spare Ignition "F12" from CTF F12
- 14 Ga. BK Spare Ground "F12 GND" from Ground Assembly
- 14 Ga. GN Dock Timed "F13" from CTF F13
- 14 Ga. BK Dock Ground "F13 GND" from Ground Assembly
- 18 Ga. GN USB Timed "F14" from CTF F14
- 18 Ga. BK USB Ground "F14 GND" from Ground Assembly
- 18 Ga. GN Radio Head Timed "F15" from CTF F15
- 18 Ga. BK Radio Head Ground "F15 GND" from Ground Assembly



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EDD 051826

ECN 000000

All Battery Cable Connections, including at the Battery, Fuse Holder, Circuit Breaker and Fuse Panel must be torqued to 50 inch/lbs.

All Terminal Strip Connections at the CTF-B2T4U2-MB Fuse Panel must be torqued to 15 inch/lbs.

Note: Battery Cable of 170" will reach all points underhood to the center console.

BTO-BC6GA170-22-80

- 6 Ga. RD Power ¼" Ring to ¼" Ring
- 6 Ga. BK Ground ¼" Ring to ¼" Ring
- 18 Ga. YW/BK 12V Ignition

BATTERY

MIDI FUSE 80A
MASTER SWITCH 100A

CONSOLE

MB-CTF-B2

CTF-B2T2U2-MB

(2) HW-UB1.75

IK-P6-48

- 12 Ga. Red Power 1
- 14 Ga. Red Power 2
- 14 Ga. Green Timed 1
- 14 Ga. Green Timed 2
- 14 Ga. Green Timed 3
- 14 Ga. Green Timed 4
- 48" Outputs
- Matching Ground Wires

GROUND RING 1

- 12 Ga. Black Ground 1
- 14 Ga. Black Time Ground 1

GROUND RING 2

- 12 Ga. Black Ground 2
- 14 Ga. Black Time Ground 2

GROUND RING 3

- 14 Ga. Black Time Ground 3
- 14 Ga. Black Time Ground 4

See CTF-B2T4U2-MB Instructions for maximum amp loads and installation instructions.

Use of the Yellow/Black Ignition Sense wire is optional. The CTF-B2T4U2-MB will also sense the that the vehicle is running when the system voltage is at or greater than 13 VDC.

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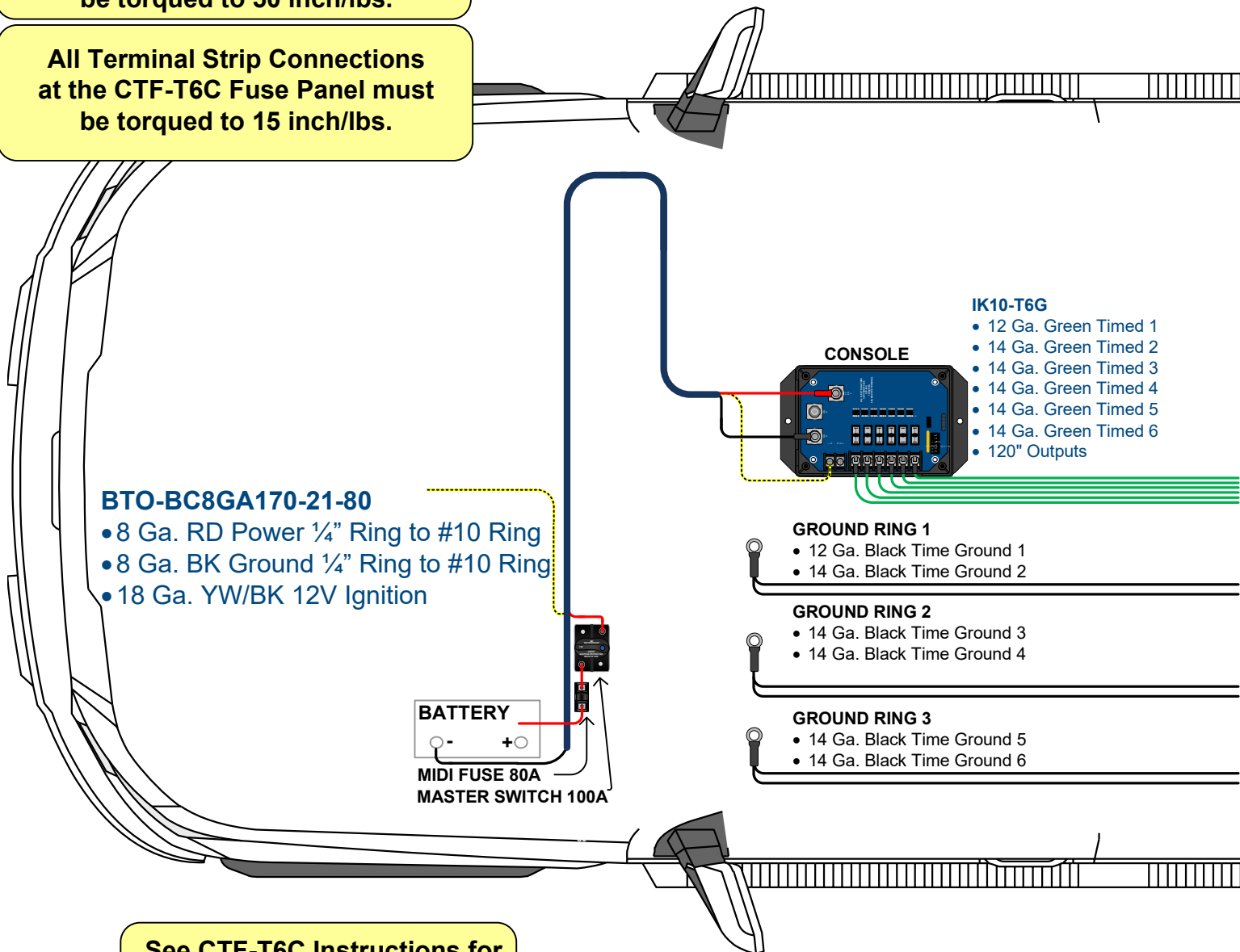
Web: www.allfleetsolutions.com

EDD 080526

ECN 000000

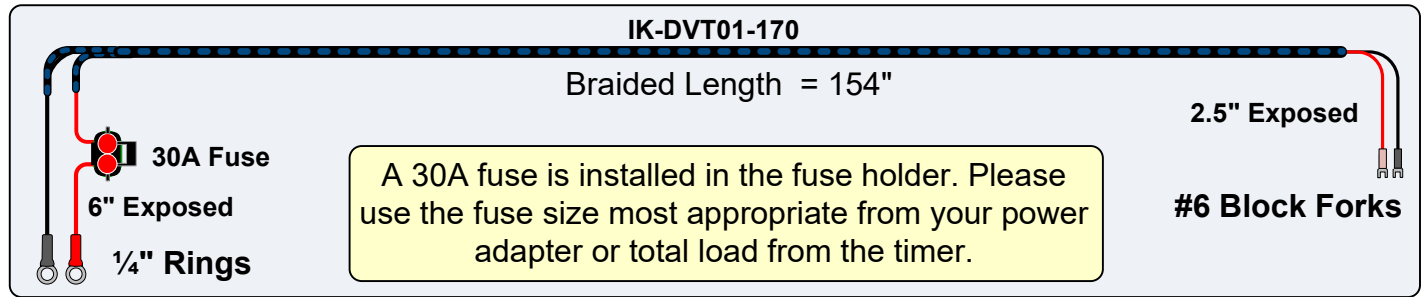
All Battery Cable Connections, including at the Battery, Fuse Holder, Circuit Breaker and Fuse Panel must be torqued to 50 inch/lbs.

All Terminal Strip Connections at the CTF-T6C Fuse Panel must be torqued to 15 inch/lbs.

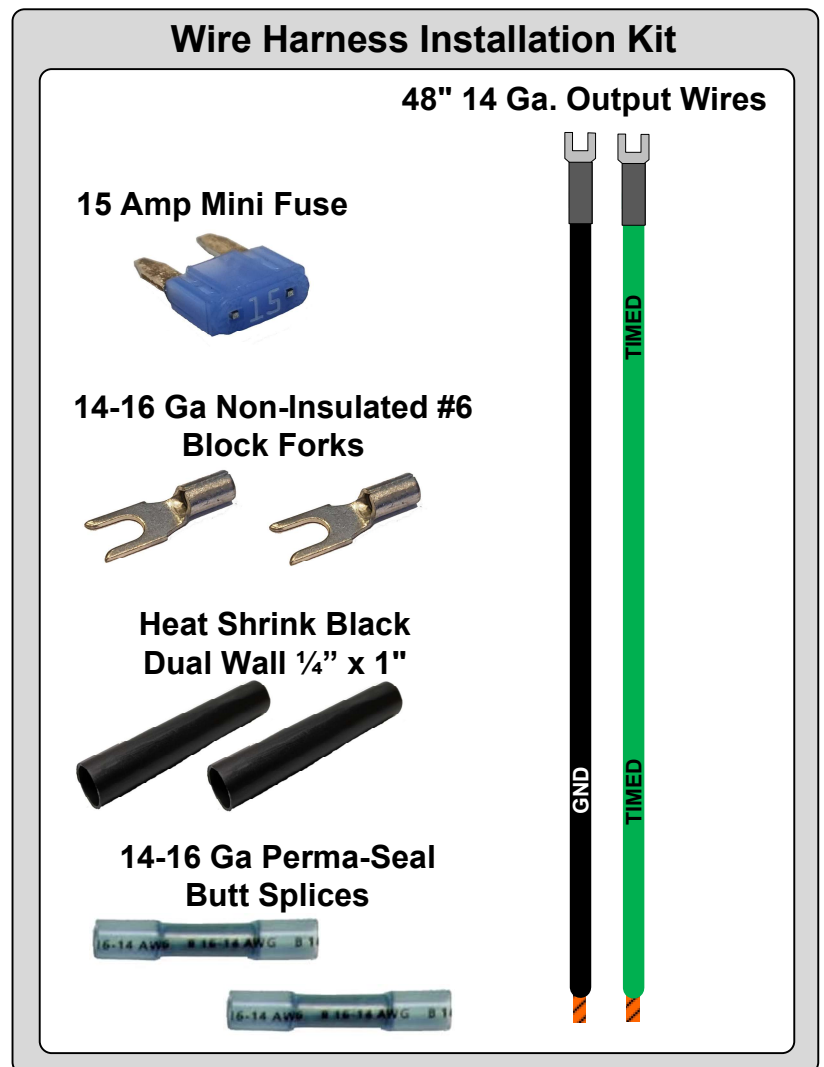
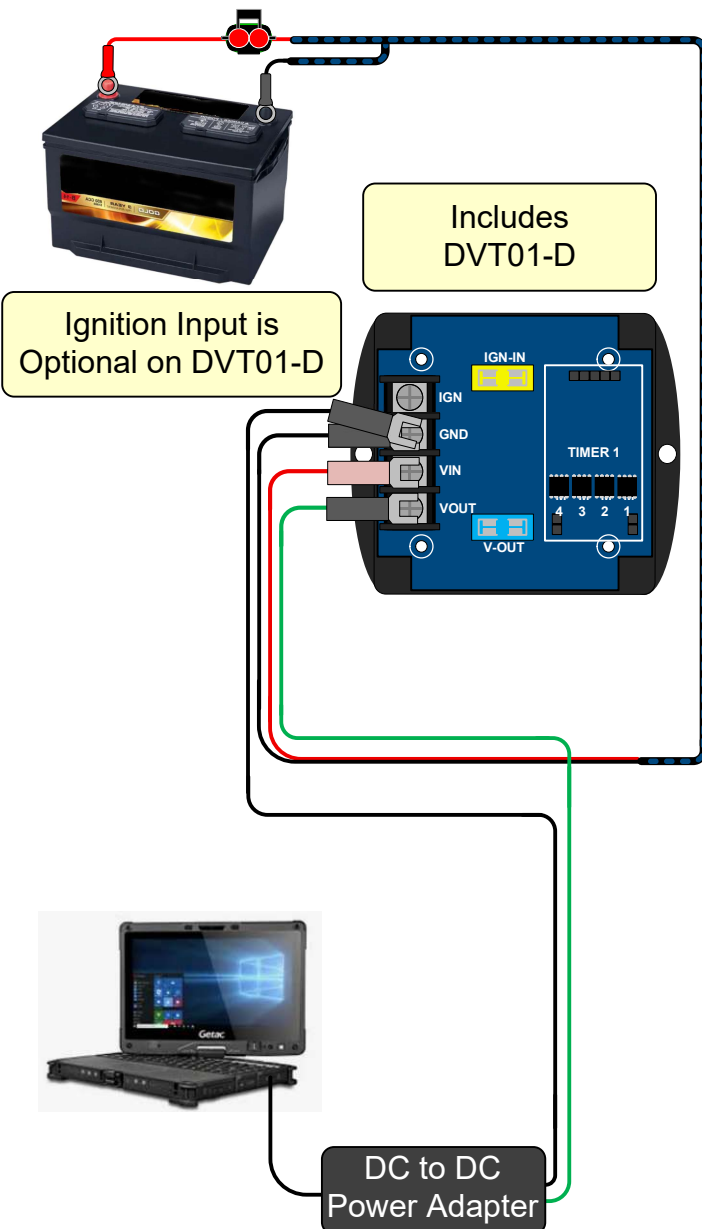


See CTF-T6C Instructions for maximum amp loads & installation instructions.

Use of the Yellow/Black Ignition Sense wire is optional. The CTF-T6C will also sense that the vehicle is running when the system voltage is at or greater than 13 VDC.



The IK-DVT01-170 Wire Kit provides a 10 gauge power feed harness from the battery to the DVT01-D Timer, and to a laptop power adapter. An installation kit with a spare fuse, pre-terminated wires and spare terminals is also provided.



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EDD 012521

ECN 073126

Recommended Application:

Weather-tight gasket for the lightbar power cable on the vehicle's roof. The 83-0115 Seal eliminates the need for silicone mounds around the lightbar line, and provides a clean finished appearance for the lightbar installation.

Technical Data:

- Shrinkage upon heat application above 120° C. Fast shrinkage at 200° C
- Continuous operating temperature range from -55° C to 135° C.
- Meets or exceeds standard specifications for Cable Entry Seals – ASTM F1837M.
- Flame Retardant with a flammability rating of non-burning – ASTM D-635.
- NEMA category 4X rated.

Installation Instructions:

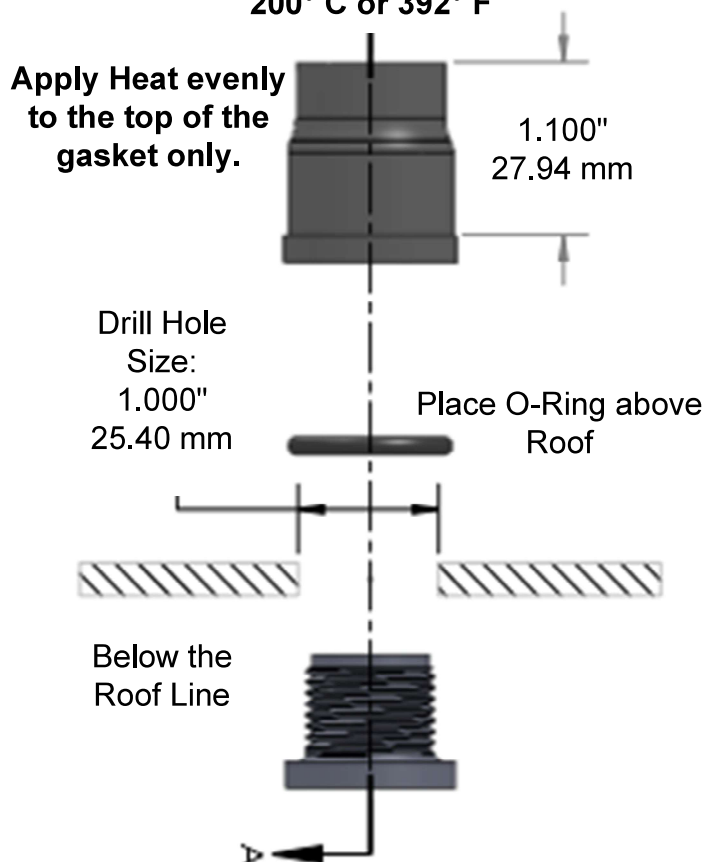
- As with all installations the technician must review the manufacturer's modifier guide before proceeding to ensure vehicle safety systems and integrity are not compromised by the installation.
- The gasket should sit directly below the lightbar wire egress. With most lightbars the top of the heatshrink will extend very slightly into the egress.
- The gasket is designed to shrink onto the lightbar cable and provide a weather tight seal. With dual cable lightbar installations cables a bead of silicone between the two wires may improve the final seal.
- When seating the gasket on the lightbar line leave a small amount of wire length that can be safely pushed into the lightbar once installed. This extra length on the lightbar cable will assist in adjusting and servicing the lightbar.
- Apply touch-up paint or similar sealant to the exposed metal edge of the hole.



Part Number:	A: Overall Nominal Length	Minimum Inside Diameter	Recovered Minimum I.D.	Nut Length	Drill/Hole Size
83-0115	1.25"	0.75"	0.25"	0.95"	1.00"

Note: The Nominal Overall Length is the height over the roof line.

**For ideal performance set Heat Gun to:
200° C or 392° F**



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EDD 120717

ECN 000000

AFS Part #	Part Description		Page #	Included in Build
00-AHFL	Accessory Lighting Harness		1	✓
A0F	Front Lighting Harness		2	
A02-S	Front Lighting Harness		3	
A02-X	Front Lighting Harness		4	
A03-X	Front Lighting Harness		5	
A02-XBR	Front & Back Rack Lighting Harness		6	
QK-2FL	Front Lighting Relay Switched Harness		7-8	
TLH01	Rear Lighting Harness		9-10	
TLH-L2	Rear Lighting Harness		11-12	
TLH-R2	Rear Lighting Harness		13-14	

MODULAR HARNESS FOR UPFITTER SWITCH UTILIZATION

MOD-CNTRL2	Modular Control Harness		15	
MOD-FLH4	Modular Front Lighting Harness Option		16	
MOD-RLH6	Modular Rear Lighting Harness Option		17-18	
MOD-LB	Modular Lightbar Harness Option		19-20	
MOD-W	Modular Work Light Harness Option		21-22	

POWER DISTRIBUTION

QK-B4T4C-100	Quick Kit Power Distribution & Outputs		23	
QK-B8i8G	Quick Kit Power Distribution & Outputs		24	
QK-B8i4T4G	Quick Kit Power Distribution & Outputs		25	
QK-B2T2U2-MB	Quick Kit Power Distribution & Outputs		26	
QK-T6C	Quick Kit Power Distribution & Outputs		27	
QK-DVT01-D-170	Quick Kit Power Distribution & Outputs		28	

ACCESSORIES

83-0115	Lightbar Gasket Seal		29	
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View www.allfleetsolutions.com for full Warranty and Return Policy.

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