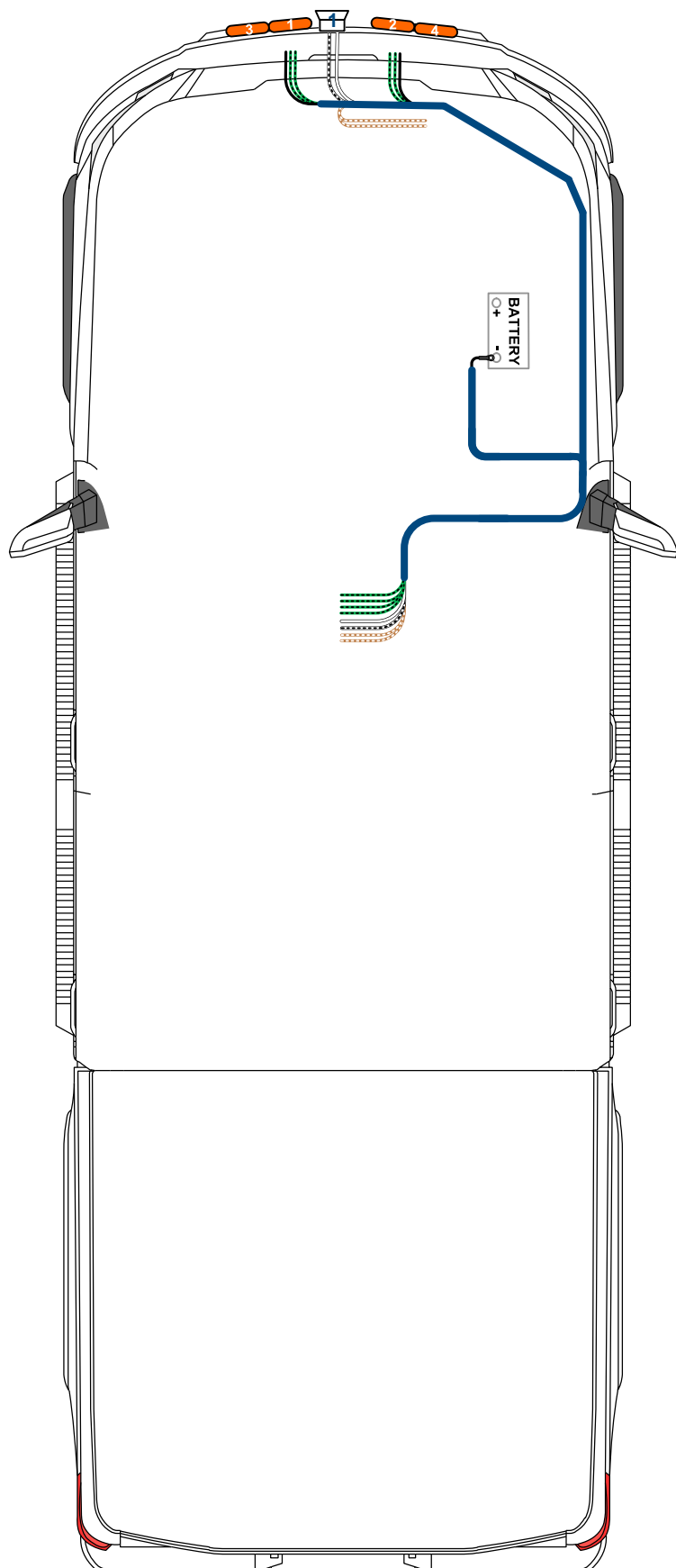


AFS

ALL FLEET SOLUTIONS



Work Truck Solutions
Lighting and Power Distribution



FRONT LIGHTING:

GRILLE LIGHTS

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

SIREN SPEAKER

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

AUXILIARY TRIPS

- 14 Ga. TN/WH Auxiliary Trip Spare "AUX TRIP 1" to Console
- 14 Ga. TN/WH Auxiliary Trip Spare "AUX TRIP 2" to Console

CONSOLE CIRCUITS:

GRILLE LIGHTS

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

SIREN SPEAKER

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

AUXILIARY TRIPS

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

TECHNICAL SUPPORT & SALES CONTACT:

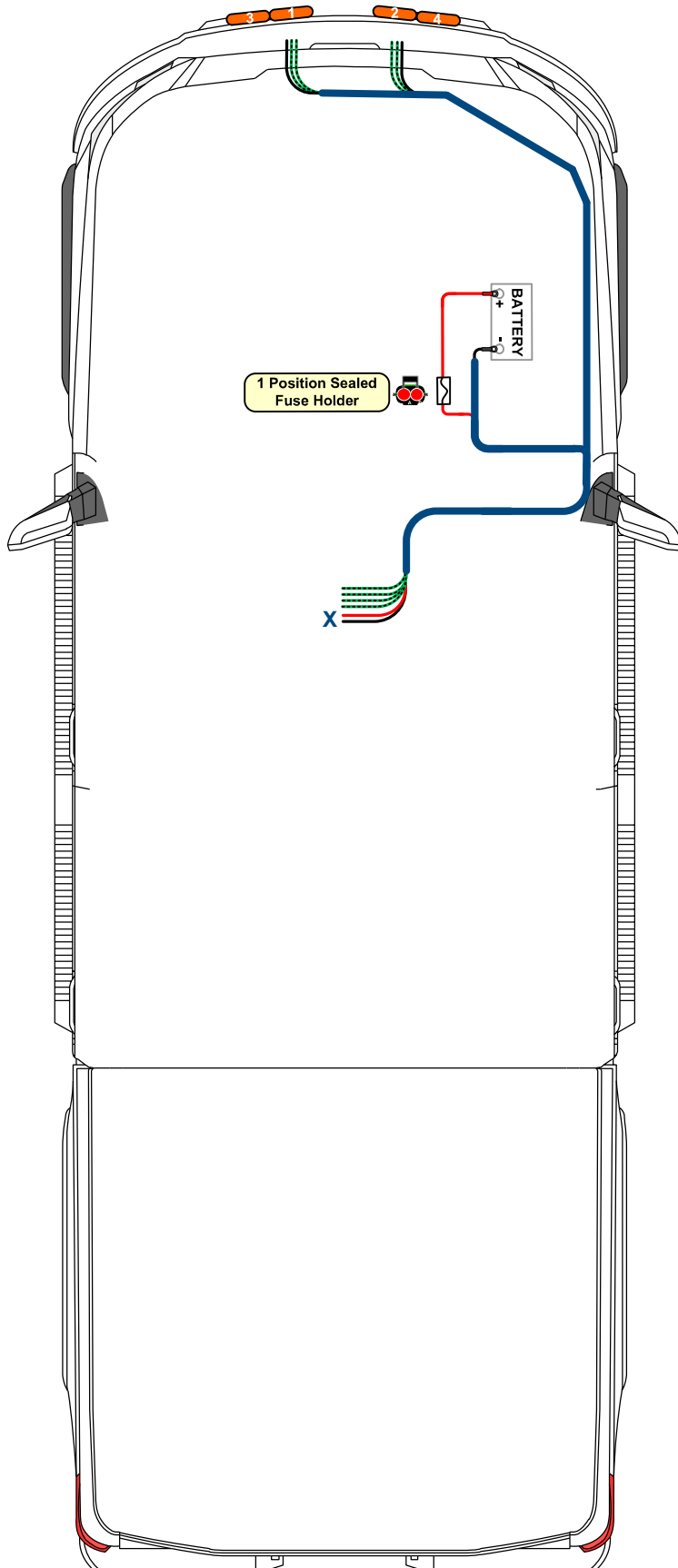
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 072921

ECN 000000



FRONT LIGHTING:

GRILLE LIGHTS

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

CONSOLE CIRCUITS:

X – RADIO POWER TO CONSOLE

- 10 Ga. RD Radio Power (30A) "RADIO PWR" to 30A Fuse
- 10 Ga. BK Radio Ground (30A) "RADIO GND" to Battery Ground

GRILLE LIGHTS

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

TECHNICAL SUPPORT & SALES CONTACT:

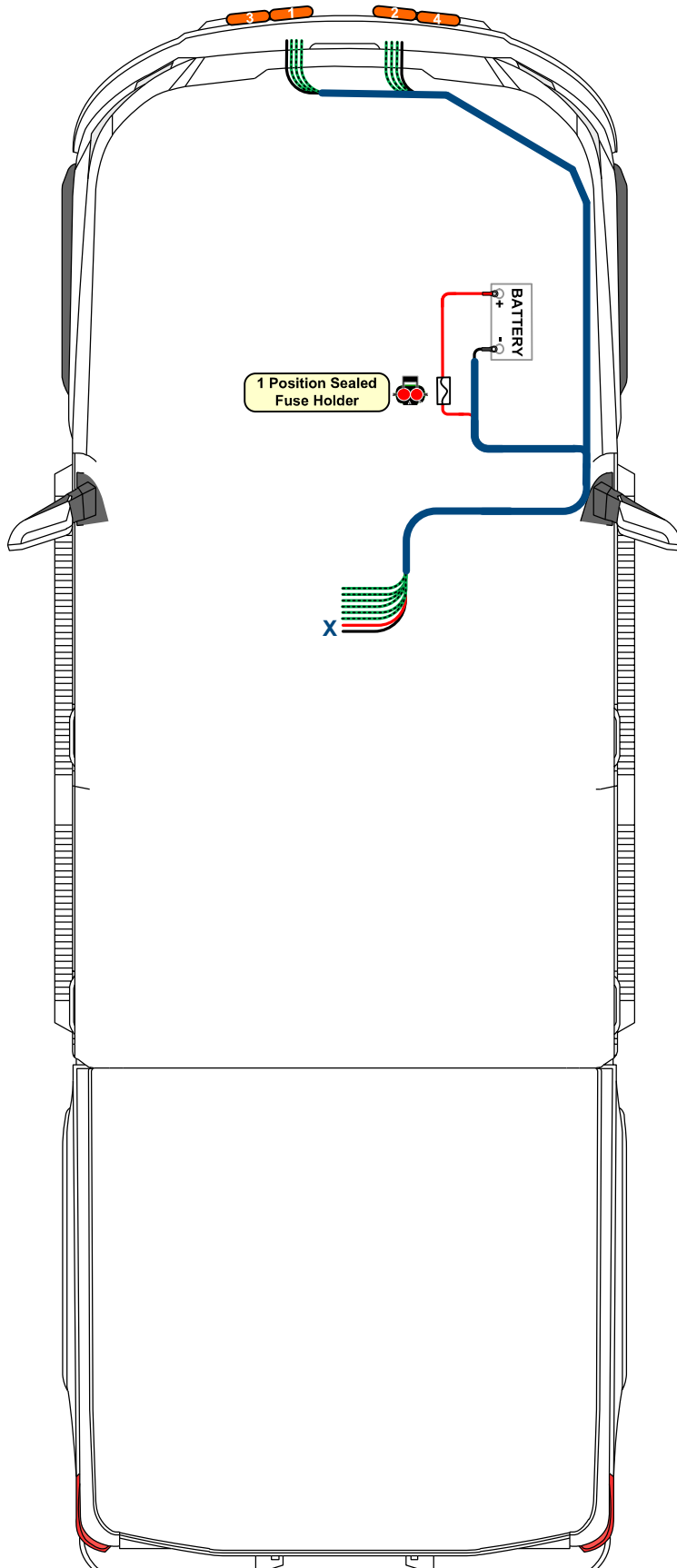
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Web: www.allfleetsolutions.com

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ECN 000000



FRONT LIGHTING:

GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light "GRILL LT 1" to Console
- 18 Ga. GN/BK Driver Grille Light "GRILL LT 3" to Console
- 18 Ga. GN/BK Driver Grille Light "GRILL LT 5" to Console
- 18 Ga. BK Driver Grille Light Ground "LT 1 GND" to Ground Assembly
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 2" to Console
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 4" to Console
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 6" to Console
- 18 Ga. BK Pass. Grille Light Ground "LT 2 GND" to Ground Assembly

CONSOLE CIRCUITS:

X – RADIO POWER TO CONSOLE

- 10 Ga. RD Radio Power (30A) "RADIO PWR" to 30A Fuse
- 10 Ga. BK Radio Ground (30A) "RADIO GND" to Battery Ground

GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light "GRILL LT 1" to Grille Light
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 2" to Grille Light
- 18 Ga. GN/BK Driver Grille Light "GRILL LT 3" to Grille Light
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 4" to Grille Light
- 18 Ga. GN/BK Driver Grille Light "GRILL LT 5" to Grille Light
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 6" to Grille Light

TECHNICAL SUPPORT & SALES CONTACT:

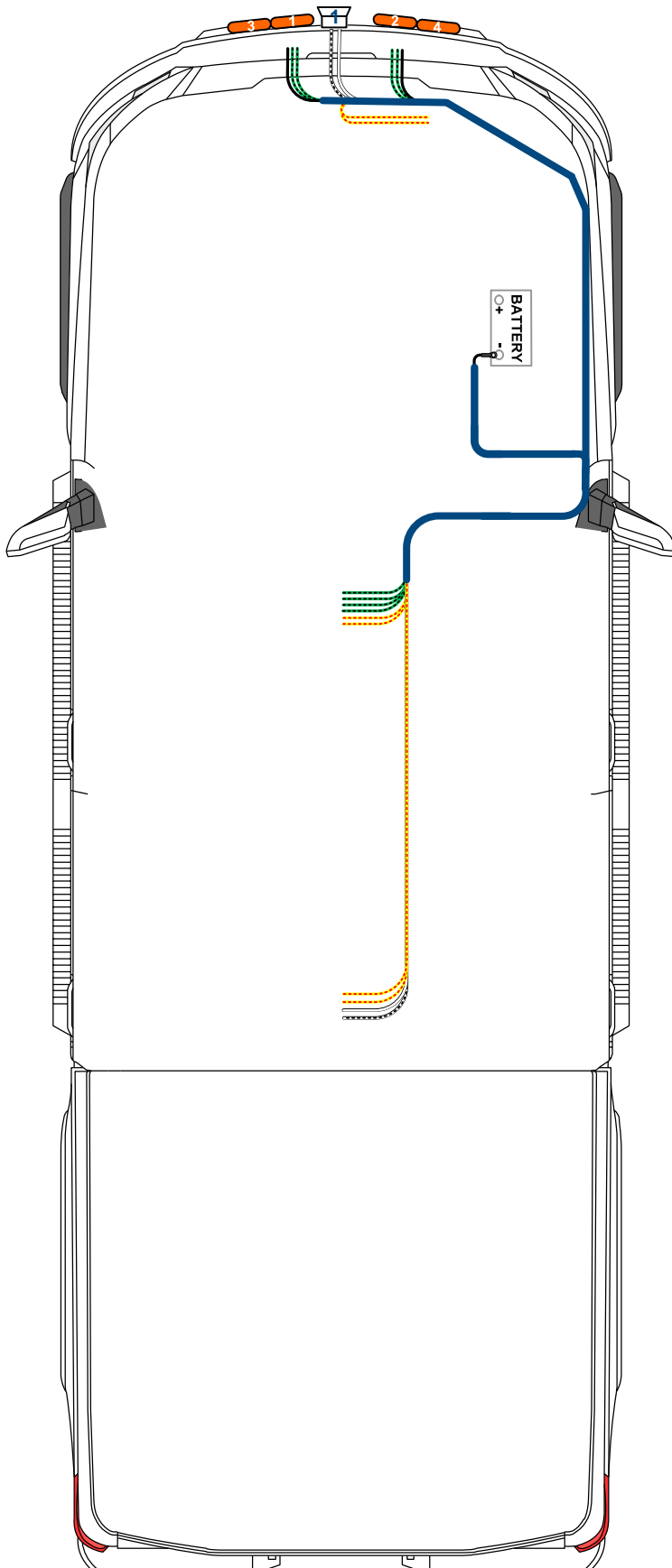
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FRONT LIGHTING:

GRILLE LIGHTS

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

SIREN SPEAKER

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

HORN RING

- 16 Ga. YW/RD Vehicle Horn "HORN 1" to Console
- 16 Ga. YW/RD Vehicle Horn Button "HORN RG 1" to Console

CONSOLE CIRCUITS:

GRILLE LIGHTS

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

HORN RING – 2nd APPEARANCE

- 16 Ga. YW/RD Vehicle Horn "HORN 2" to Console
- 16 Ga. YW/RD Vehicle Horn Button "HORN RG 2" to Console

CONSOLE EXTENDED CIRCUITS:

HORN RING – 3rd APPEARANCE

- 16 Ga. YW/RD Vehicle Horn "HORN" to Console
- 16 Ga. YW/RD Vehicle Horn Button "HORN RG" to Console

SIREN SPEAKER

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

TECHNICAL SUPPORT & SALES CONTACT:

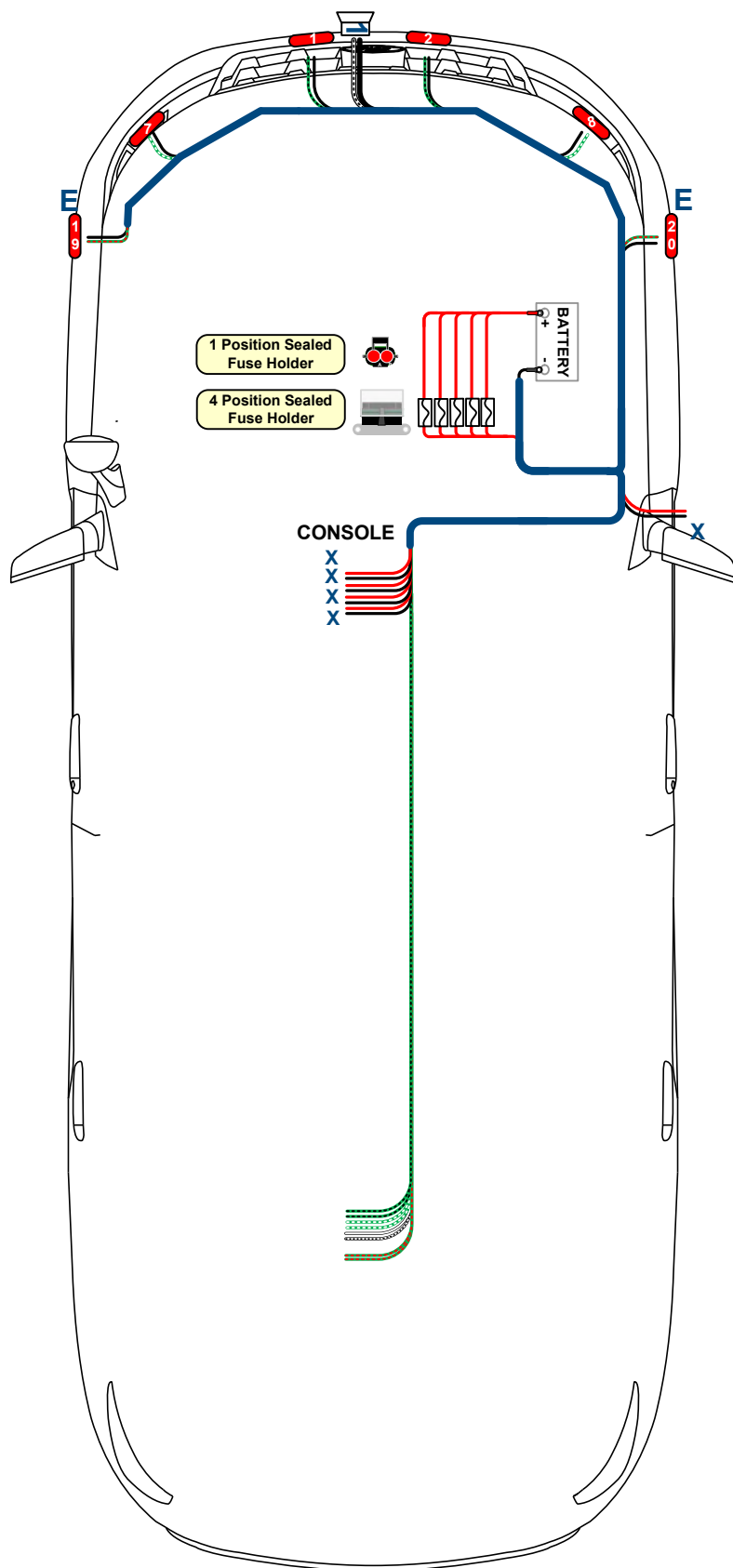
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Web: www.allfleetsolutions.com

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ECN 000000



FRONT LIGHTING:

GRILLE LIGHTS

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

CORNER LIGHTS

- 18 Ga. GN/WH Driver Corner Light "AUX LT 7" to Console
- 18 Ga. BK Driver Corner Light Ground "LT 7 GND" to Ground Assembly
- 18 Ga. GN/WH Pass. Corner Light "AUX LT 8" to Console
- 18 Ga. BK Pass. Corner Light Ground "LT 8 GND" to Ground Assembly

MARKER LIGHTS

- 18 Ga. GN/RD Driver Marker Light "MARKR LT19" to Console
- 18 Ga. BK Driver Marker Light Ground "LT 19 GND" to Ground Assembly
- 18 Ga. GN/RD Pass. Marker Light "MARKR LT20" to Console
- 18 Ga. BK Pass. Marker Light Ground "LT 8 GND" to Ground Assembly

SIREN SPEAKER

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

LIGHTBAR:

X – Lightbar Power

- 10 Ga. RD Lightbar Power (30A) "RADIO PWR" to 30A Fuse
- 10 Ga. BK Lightbar Ground (30A) "RADIO GND" to Battery Ground
- 30A power wire with ground runs out to power the lightbar.

CONSOLE POWER CIRCUITS:

(4) X – Radio Power to Console

- 10 Ga. RD Radio Power (30A) "RADIO PWR" to 30A Fuse
- 10 Ga. BK Radio Ground (30A) "RADIO GND" to Battery Ground
- There are four radio power circuits each with a matching ground wire.

CONSOLE EXTENDED CIRCUITS:

GRILLE LIGHTS

- 18 Ga. GN/BK Driver Grille Light "GRILL LT 1" to Grille Light
- 18 Ga. GN/BK Pass. Grille Light "GRILL LT 2" to Grille Light

CORNER LIGHTS

- 18 Ga. GN/WH Driver Corner Light "AUX LT 7" to Corner Light
- 18 Ga. GN/WH Pass. Corner Light "AUX LT 8" to Corner Light

MARKER LIGHTS

- 18 Ga. GN/RD Driver Marker Light "MARKR LT19" to Marker Light
- 18 Ga. GN/RD Pass. Marker Light "MARKR LT20" to Marker Light

SIREN SPEAKER

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

TECHNICAL SUPPORT & SALES CONTACT:

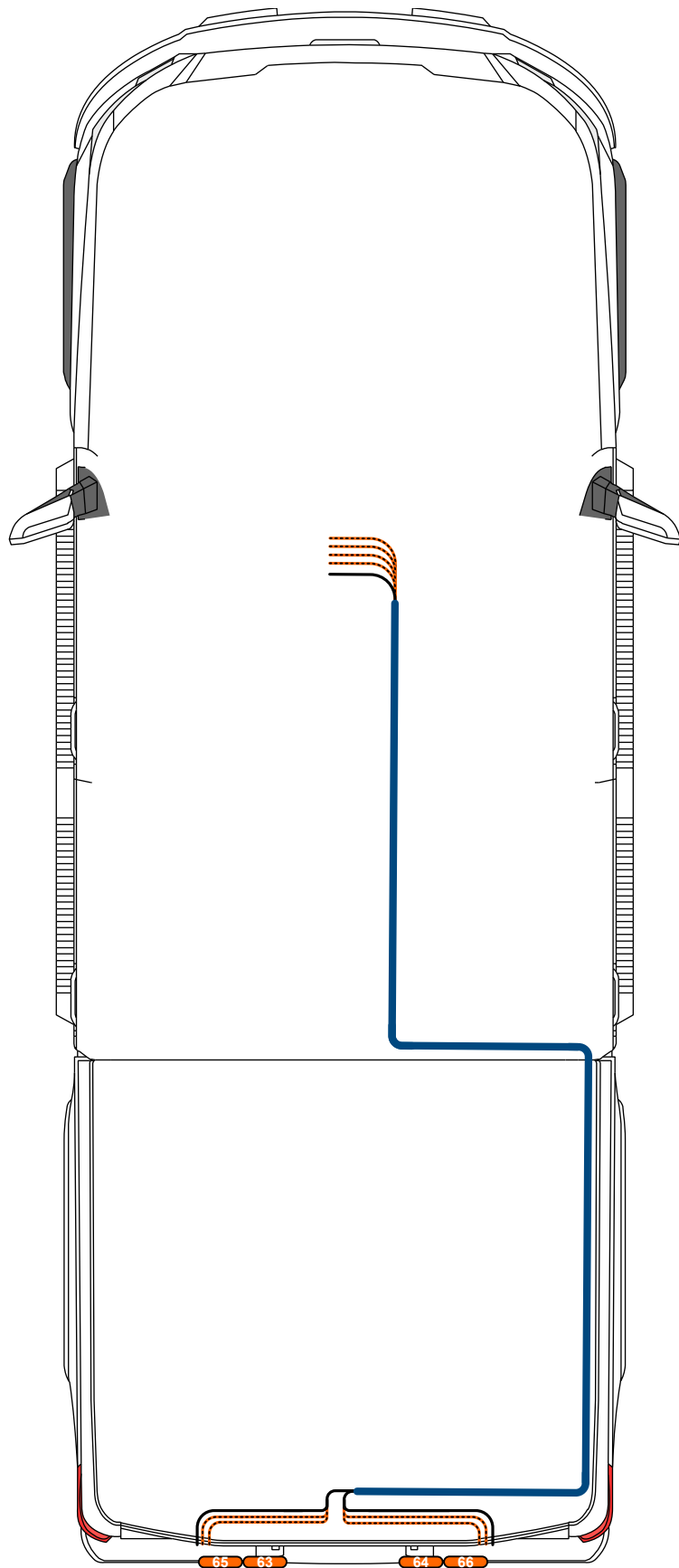
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Web: www.allfleetsolutions.com

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ECN 000000



REAR LIGHTING:

LICENSE PLATE LIGHTS

- 18 Ga. OR/BK Pass. License Plate Light "SILL LT 64" to Console
- 18 Ga. OR/BK Pass. License Plate Light "SILL LT 66" to Console
- 18 Ga. BK Pass. License Plate Light Ground "LT 64 GND" to Ground Assembly
- 18 Ga. OR/BK Driver License Plate Light "SILL LT 63" to Console
- 18 Ga. OR/BK Driver License Plate Light "SILL LT 65" to Console
- 18 Ga. BK Driver License Plate Light Ground "LT 63 GND" to Ground Assembly

CONSOLE CIRCUITS:

LICENSE PLATE LIGHTS

- 18 Ga. OR/BK Driver License Plate Light "SILL LT 63" to LP Light
- 18 Ga. OR/BK Pass. License Plate Light "SILL LT 64" to LP Light
- 18 Ga. OR/BK Driver License Plate Light "SILL LT 65" to LP Light
- 18 Ga. OR/BK Pass. License Plate Light "SILL LT 66" to LP Light
- 18 Ga. BK License Plate Lights Ground "REAR GND 5" to Ground Assembly

TECHNICAL SUPPORT & SALES CONTACT:

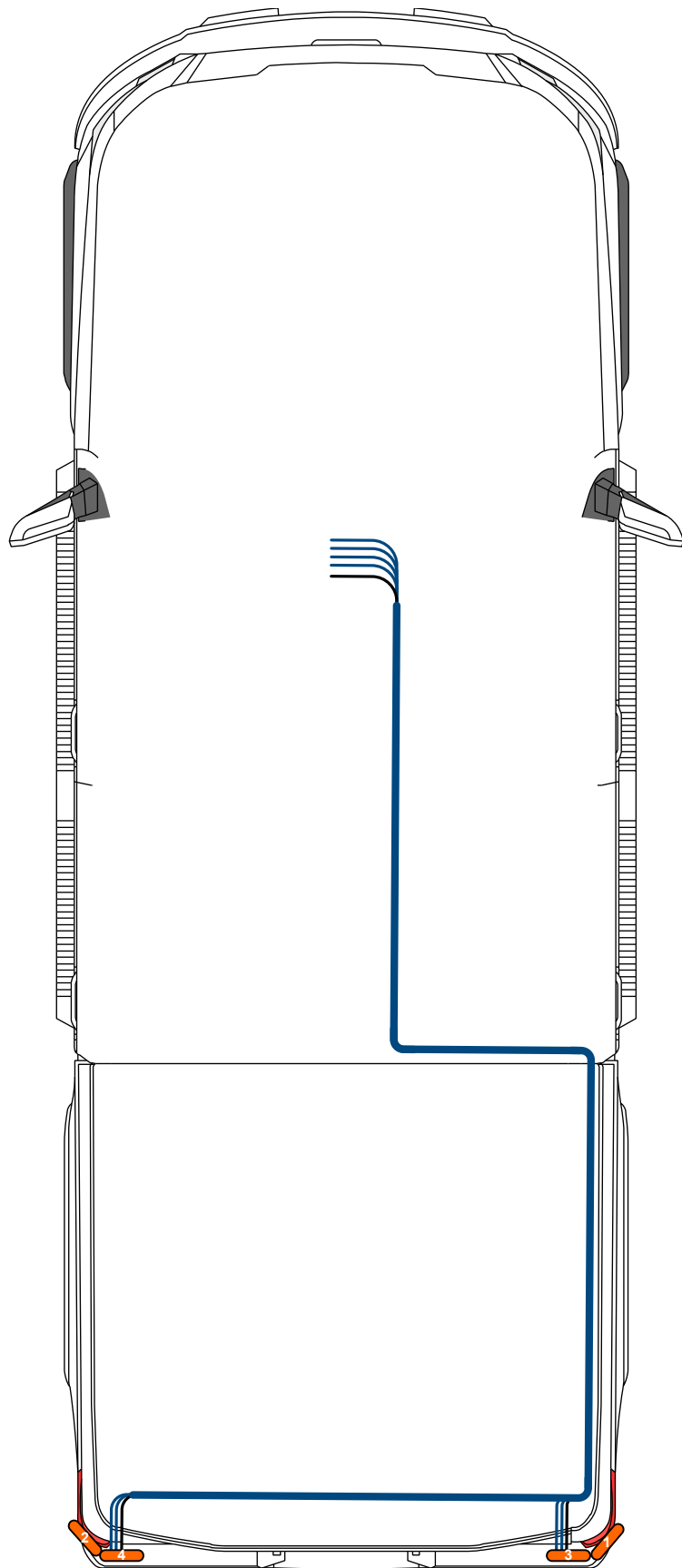
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 090920

ECN 000000



REAR LIGHTING:

REAR LIGHTS

- 18 Ga. BL Pass. Rear Light "REAR LT 1" to Power Assembly
- 18 Ga. BL Pass. Rear Light "REAR LT 3" to Console
- 18 Ga. BK Pass. Rear Light Ground "GND LT 1" to Ground Assembly
- 18 Ga. BL Driver Rear Light "REAR LT 2" to Power Assembly
- 18 Ga. BL Driver Rear Light "REAR LT 4" to Console
- 18 Ga. BK Driver Rear Light Ground "GND LT 2" to Ground Assembly

CONSOLE CIRCUITS:

REAR LIGHTS

- 16 Ga. BL Rear Lights Power "REAR LTS" to Power Assembly
- 16 Ga. BK Rear Lights Ground "GROUND" to Ground Assembly
- 18 Ga. BL Pass. Rear Light "REAR LT 3" to Rear Light
- 18 Ga. BL Driver Rear Light "REAR LT 4" to Rear Light

TECHNICAL SUPPORT & SALES CONTACT:

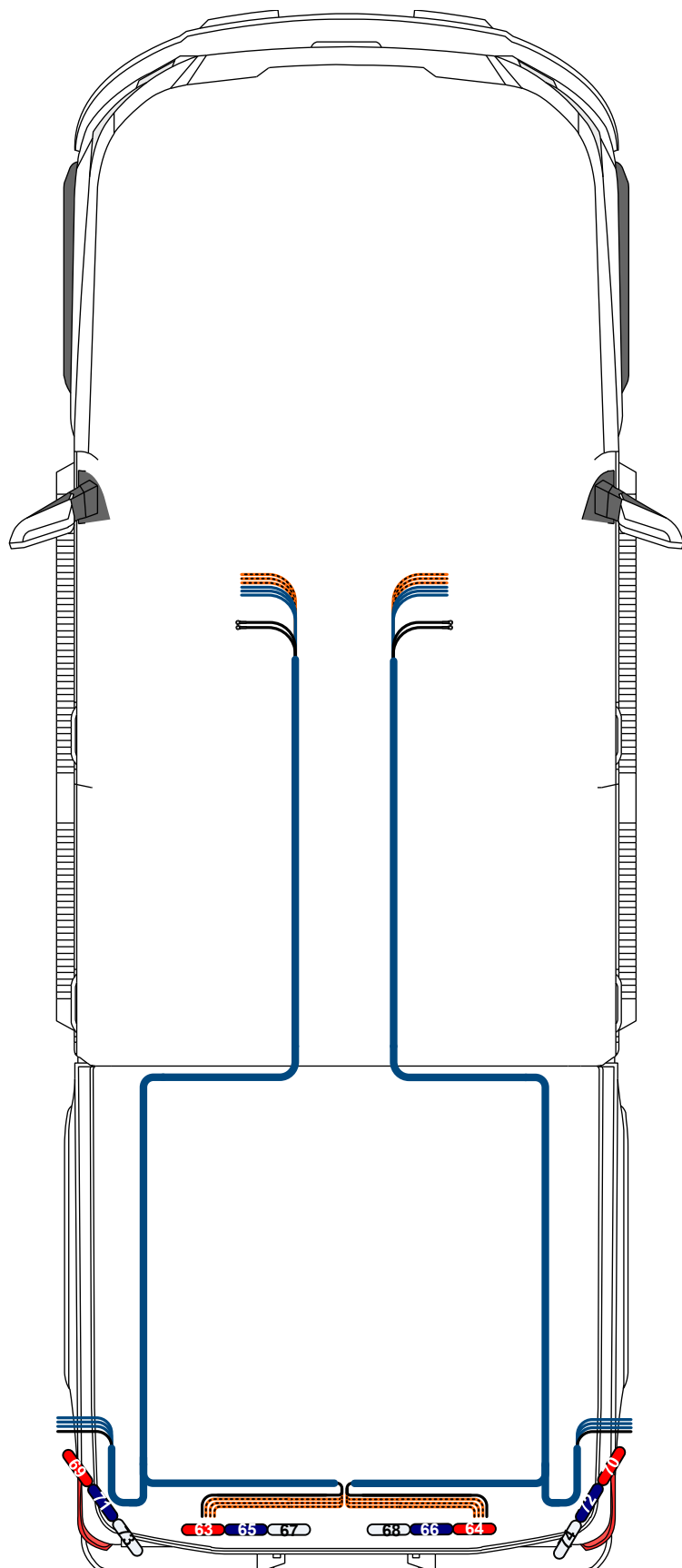
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 111720

ECN 000000



CONSOLE CIRCUITS:

TLH01-D Driver-side Harness

- 18 Ga. OR/BK Driver Sill Light "Sill LT 63" to Console
- 18 Ga. OR/BK Driver Sill Light "Sill LT 65" to Console
- 18 Ga. OR/BK Driver Sill Light "Sill LT 67" to Console
- 18 Ga. BK Rear Light Ground "GND LT 63" to Ground Assembly
- 18 Ga. BL Driver Rear Warning Light "REAR LT 69" to Console
- 18 Ga. BL Driver Rear Warning Light "REAR LT 71" to Console
- 18 Ga. BL Driver Rear Warning Light "REAR LT 73" to Console
- 18 Ga. BK Rear Light Ground "LT 69 GND" to Ground Assembly

TLH01-P Passenger-side Harness

- 18 Ga. OR/BK Pass. Sill Light "Sill LT 64" to Console
- 18 Ga. OR/BK Pass. Sill Light "Sill LT 66" to Console
- 18 Ga. OR/BK Pass. Sill Light "Sill LT 68" to Console
- 18 Ga. BK Rear Light Ground "GND LT 64" to Ground Assembly
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 70" to Console
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 72" to Console
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 74" to Console
- 18 Ga. BK Rear Light Ground "LT 69 GND" to Ground Assembly

REAR LIGHTING:

TLH01-D Driver-side Harness

- 18 Ga. OR/BK Driver Sill Light "Sill LT 63" to Console
- 18 Ga. OR/BK Driver Sill Light "Sill LT 65" to Console
- 18 Ga. OR/BK Driver Sill Light "Sill LT 67" to Console
- 18 Ga. BK Rear Light Ground "GND LT 63" to Ground Assembly
- 18 Ga. BL Driver Rear Warning Light "REAR LT 69" to Console
- 18 Ga. BL Driver Rear Warning Light "REAR LT 71" to Console
- 18 Ga. BL Driver Rear Warning Light "REAR LT 73" to Console
- 18 Ga. BK Rear Light Ground "LT 69 GND" to Ground Assembly

TLH01-P Passenger-side Harness

- 18 Ga. OR/BK Pass. Sill Light "Sill LT 64" to Console
- 18 Ga. OR/BK Pass. Sill Light "Sill LT 66" to Console
- 18 Ga. OR/BK Pass. Sill Light "Sill LT 68" to Console
- 18 Ga. BK Rear Light Ground "GND LT 64" to Ground Assembly
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 70" to Console
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 72" to Console
- 18 Ga. BL Pass. Rear Warning Light "REAR LT 74" to Console
- 18 Ga. BK Rear Light Ground "LT 69 GND" to Ground Assembly

TECHNICAL SUPPORT & SALES CONTACT:

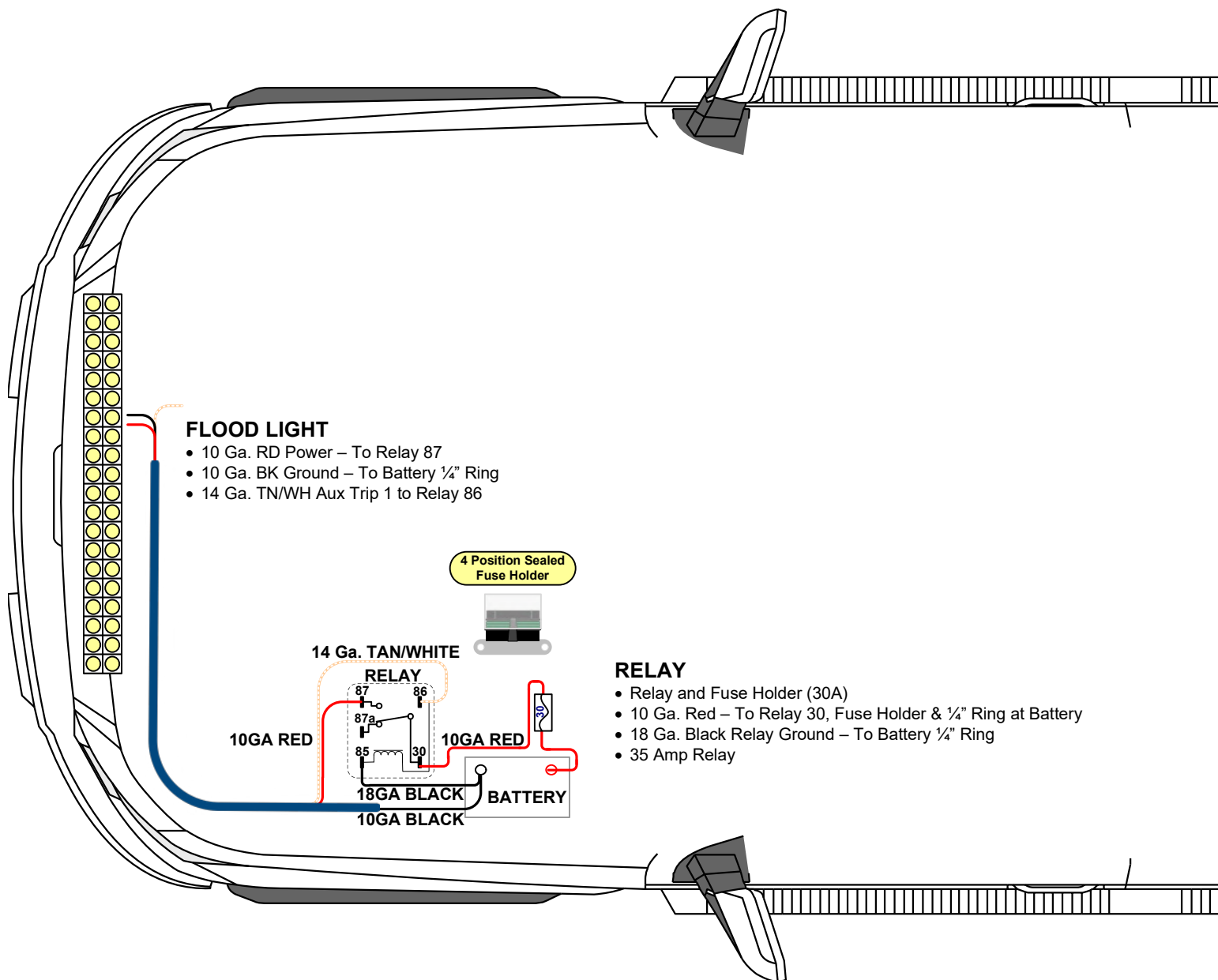
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 111720

ECN 000000



Recommended Applications:

- This Relay Harness allows a lower current switch to activate a higher current draw lightbar. This includes factory fog light switches, upfitter switches, or light and siren controllers.
- For use with factory fog light wires, connect the 14 Ga. TN/WH wire to the factory fog light trigger wire.
- For using the factory upfitter switches connect the 14 Ga. TN/WH wire to the switch trigger and connect the 10 Ga. RD power wire & 10 Ga. BK ground wire to your aftermarket lights.

TECHNICAL SUPPORT & SALES CONTACT:

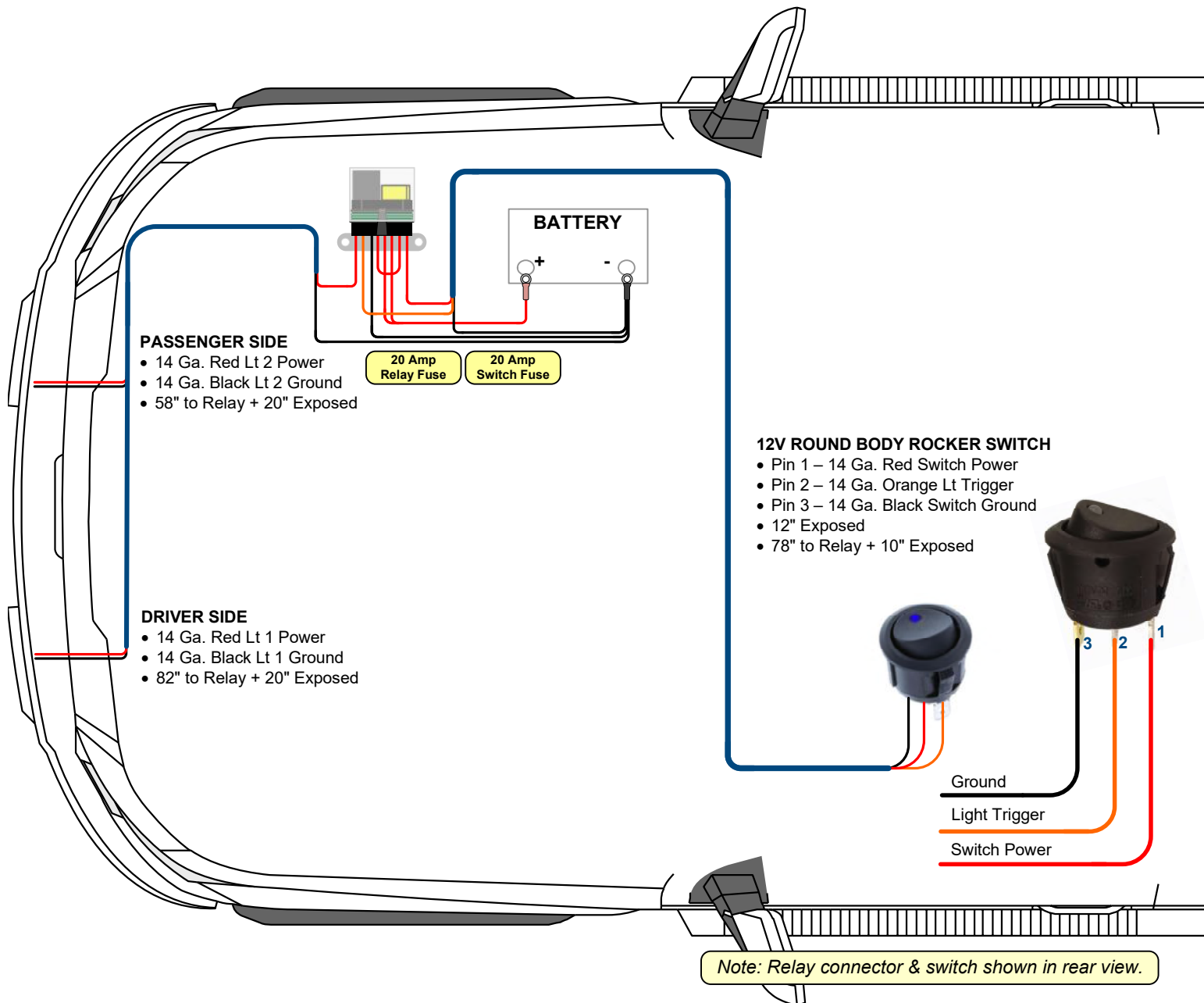
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Web: www.allfleetsolutions.com

EDD 041620

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

TECHNICAL SUPPORT & SALES CONTACT:

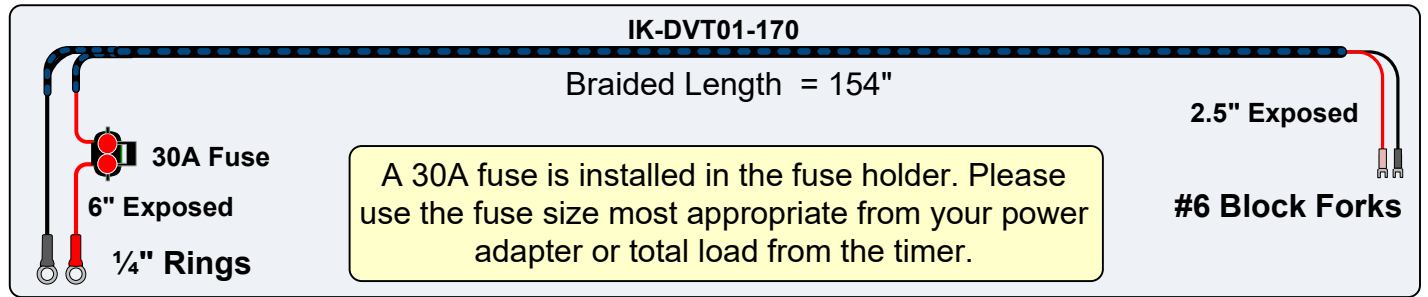
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

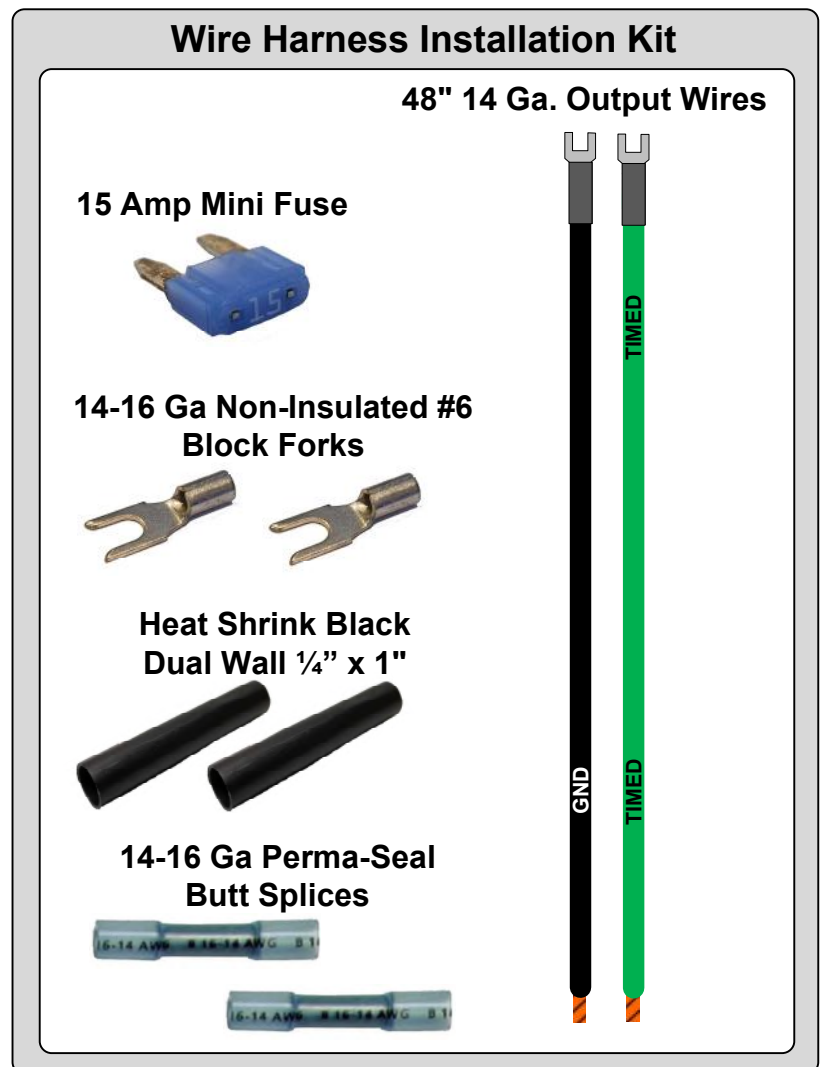
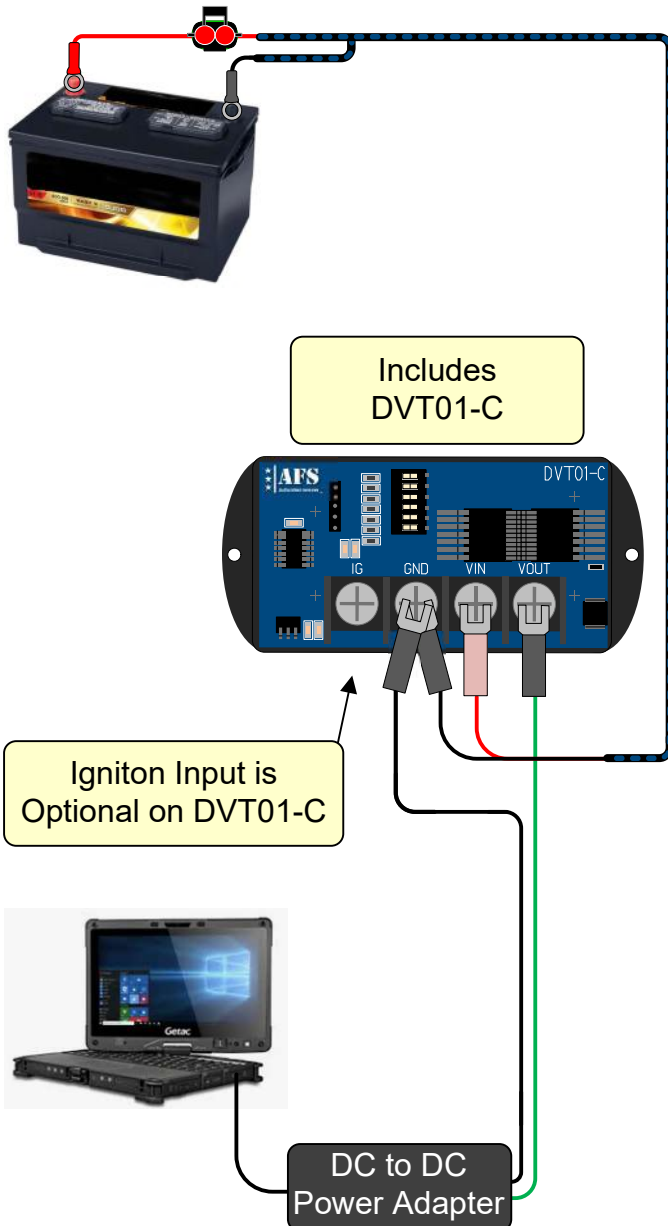
Web: www.allfleetsolutions.com

EDD 020922

ECN 000000



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



TECHNICAL SUPPORT & SALES CONTACT:

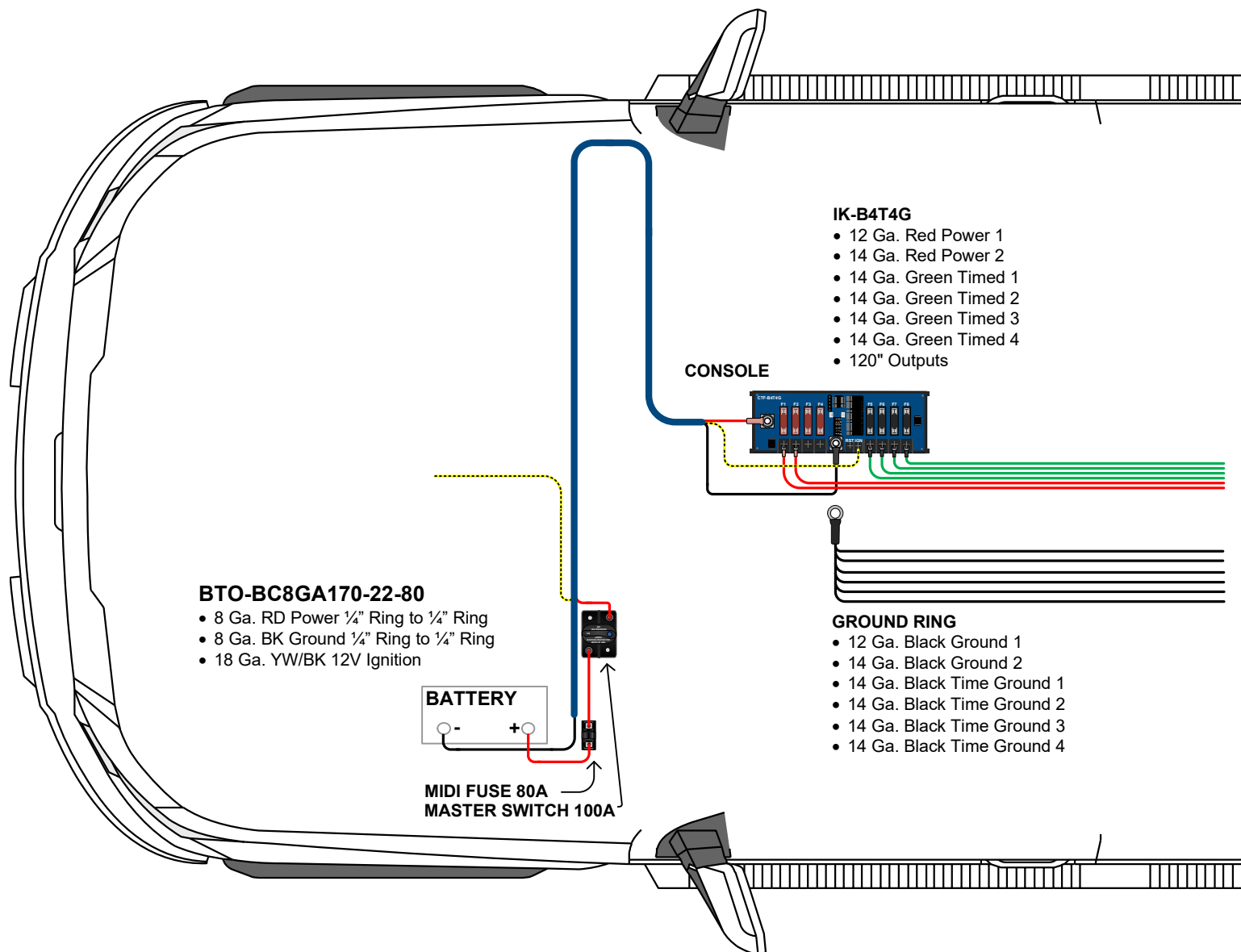
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 012521

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-B4T4G Fuse Panel must be torqued to 15 inch/lbs.
- Use of the Yellow/Black Ignition Sense wire is optional.
- The CTF-B4T4G will also sense that the vehicle is running when the system voltage is at or greater than 13 VDC.
- See CTF-B4T4G Instructions for maximum amp loads, and installation instructions.

TECHNICAL SUPPORT & SALES CONTACT:

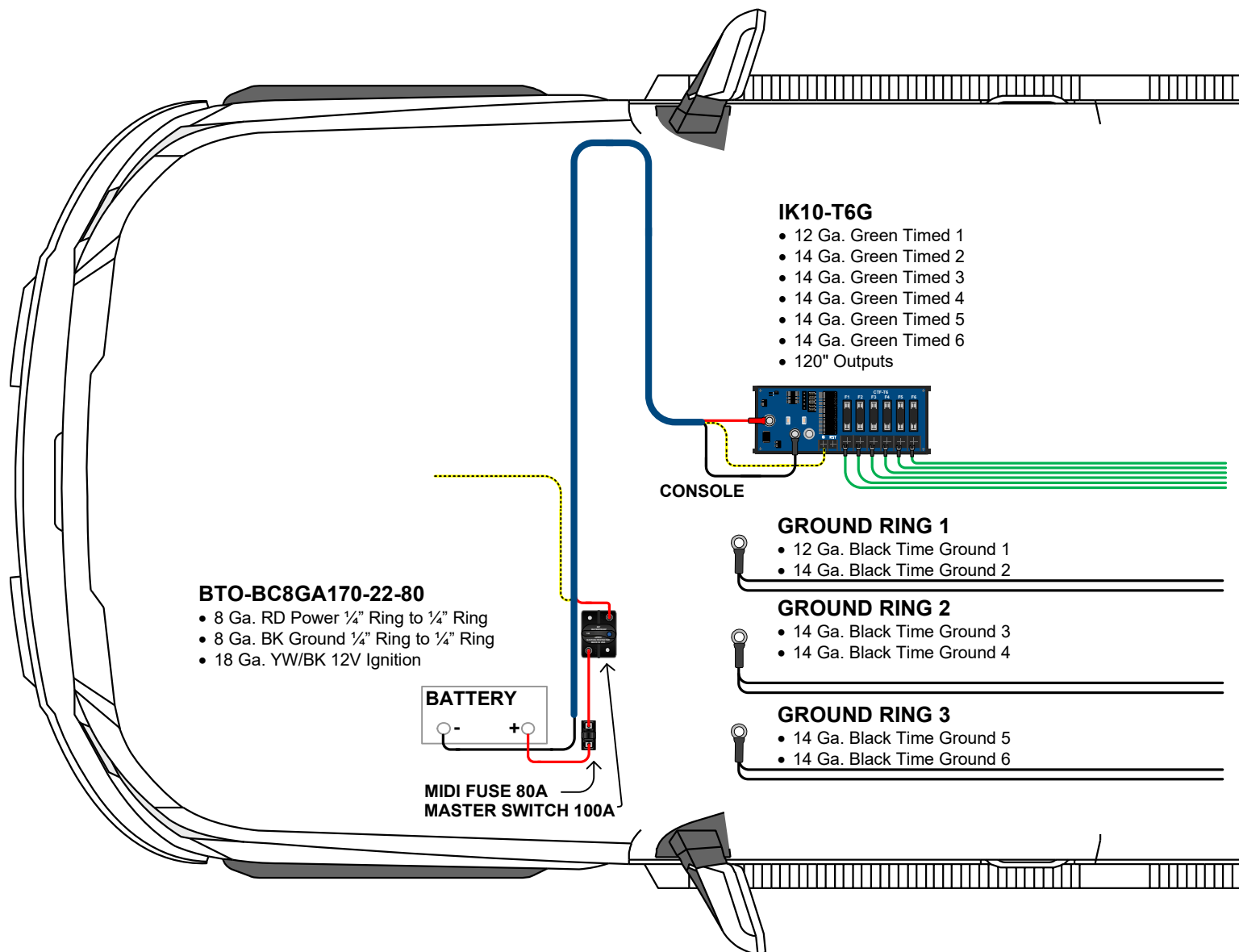
Phone: 844-423-7200

Email: sales@allfleetsolutions.com

Web: www.allfleetsolutions.com

EDD 041421

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-T6G Fuse Panel must be torqued to 15 inch/lbs.
- Use of the Yellow/Black Ignition Sense wire is optional.
- The CTF-T6G will also sense that the vehicle is running when the system voltage is at or greater than 13 VDC.
- See CTF-T6G Instructions for maximum amp loads and installation instructions.

TECHNICAL SUPPORT & SALES CONTACT:

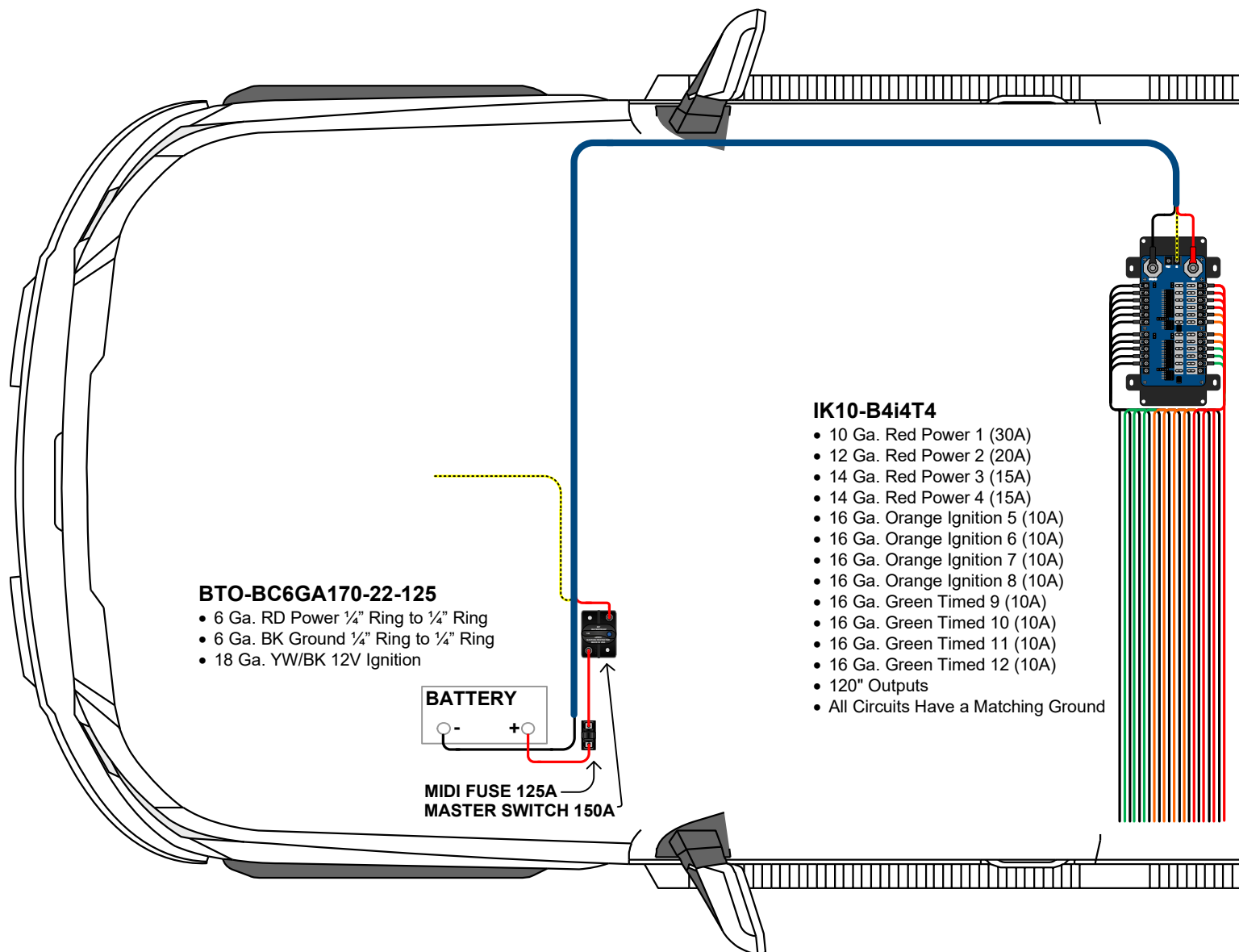
Phone: 844-423-7200

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Web: www.allfleetsolutions.com

EDD 031521

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 P12-B4i4T4 Fuse Panel must be torqued to 15 inch/lbs.
- Use of the Yellow/Black Ignition Sense wire is required for operation of ignition circuits.
- The P12-B4i4T4 timed circuits will sense that the vehicle is running when the system voltage is at or greater than 13 VDC.
- See P12-B4i4T4 Instructions for maximum amp loads and installation instructions.

TECHNICAL SUPPORT & SALES CONTACT:

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EDD 051220

ECN 000000

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:

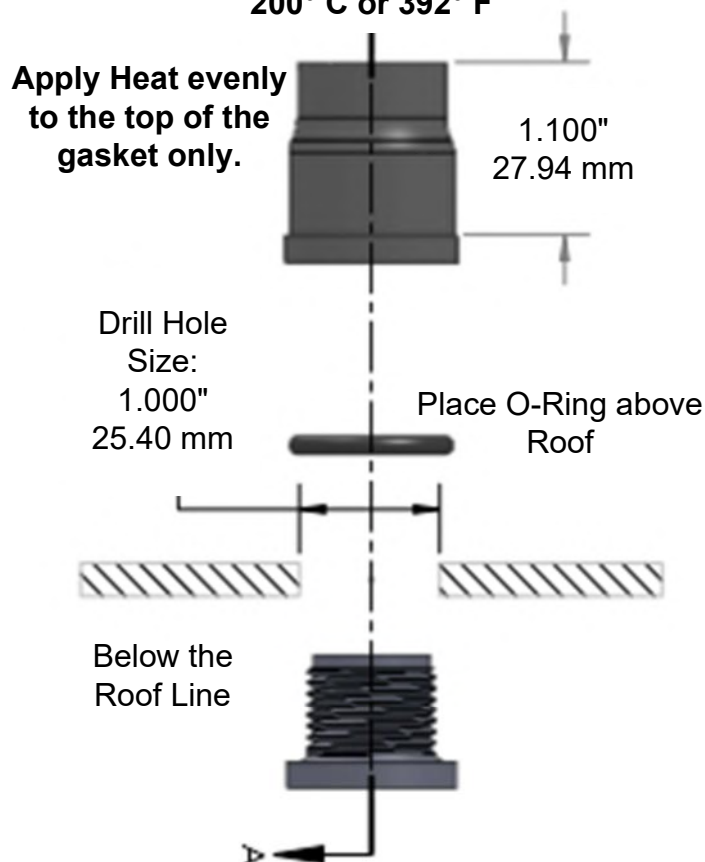
- As with all installations the technician must review the manufacturer's modifier guide before proceeding to ensure vehicle safety systems and integrity are not compromised by the installation.
- The gasket should sit directly below the lightbar wire egress. With most lightbars the top of the heatshrink 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 installation 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



TECHNICAL SUPPORT & SALES CONTACT:

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EDD 120717

ECN 000000