

Left (Driver) Side Battery B- Connector



If a high amperage cable (with a thick ring terminal) is to be installed on the left side battery B- connector, the OEM nut shown above can be replaced with a thinner nut. Use part number 06502720 (available from Mopar) which is 3mm thinner. Torque to 11.0Ft/Lbs. (\pm 2.0Ft/Lbs.).

Do not exceed 13Ft./Lbs.

Left (Driver) Side Battery B+ Connector
Do not install wiring / terminals of any kind at this location



Right (Passenger) Side Battery B+ Connector
Do not install wiring / terminals of any kind at these locations

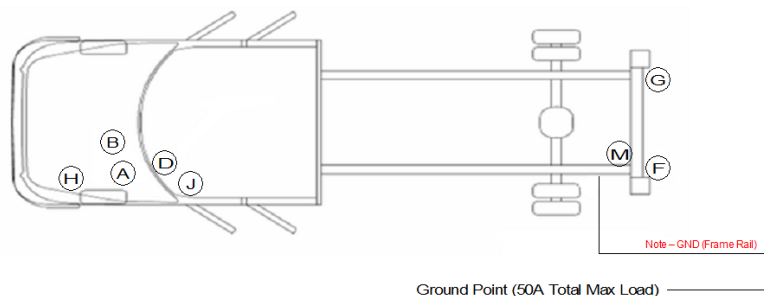


2014 UPFITTER SCHEMATIC

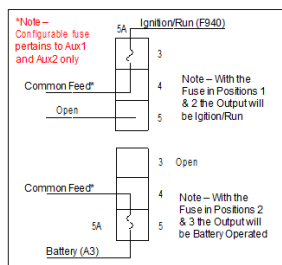
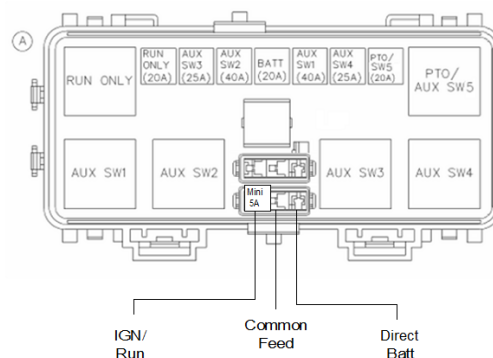
2500/3500

PICKUP

RAM Truck Upfitter Schematic



- (A) Note – Aux PDC Underhood
- (B) Note – 2 Upfitter Connectors
- (D) Note – Port Upfitters Connectors, Under Dash Board near park brake bracket / Steering Column
- (F) Note – Vehicle Wiring, Blunt Cut (with Heat Shrink) Rear of Frame
- (G) Note – Blunt Cut (with Heat Shrink) wires, along side Left (Drivers side) fender inner.
- (J) Note – VSIM Module located interior of vehicle under dash
- (M) Note – Blunt Cut (with Heat Shrink) Stop Lamp Signal – CHMSL Feed



5A Mini Fuse can be swapped between Battery and Ignition. This changes the function of AUX SW1 and AUX SW2 from Battery operated to Ignition/Run operated.

Notes –
 Max Combined Fuse "rating" allowed in box is 190A. Fuses can be relocated in box as necessary.
 Max allowable combined total continuous amperage draw is 133A.
 Max fuse "rating" in any one location is 40A.

*The upfitter/customer is responsible for placing the correct fuse in the correct location depending on the actual load.

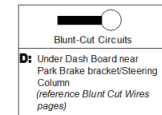
*Amperages shown in schematics are for fuses/circuits as installed for the vehicle as sold and will change as fuses are reconfigured.

MAX ALLOWABLE
 CONTINUOUS AMPERAGE
 DRAW PER FUSE RATING

FUSE RATING	MAX ALLOWABLE CONTINUOUS AMPERAGE
20A	14A
25A	17.5A
40A	28A

Date : 12/09/2013

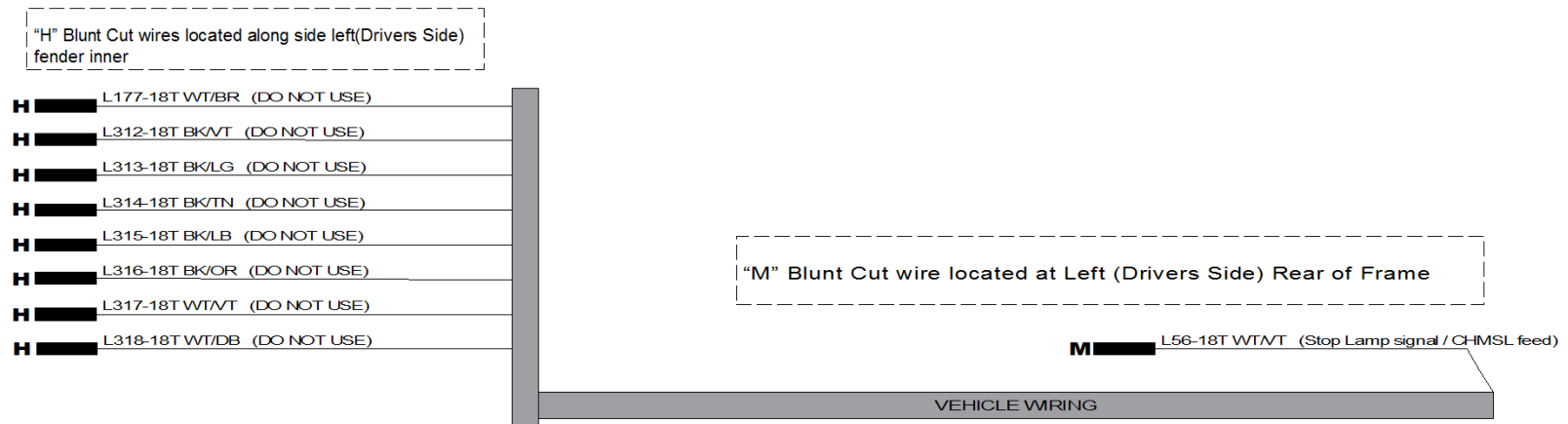
2500/3500 PICKUP



Date : 12/09/2013

2014 UPFITTER SCHEMATIC

Blunt Cut Wires
2500/3500 PICKUP Box-on
W/Snowplow Prep Option
W/O Auxiliary Switches



Date : 12/09/2013



2014 UPFITTER SCHEMATIC

Blunt Cut Wires
2500/3500 PICKUP Box-on
W/Snowplow Prep Option
W/Auxiliary Switches

"H" Blunt Cut wires located along side left(Drivers Side)
 fender inner

H [REDACTED]	L177-18T WT/BR (DO NOT USE)
H [REDACTED]	L312-18T BK/VT (DO NOT USE)
H [REDACTED]	L313-18T BK/LG (DO NOT USE)
H [REDACTED]	L314-18T BK/TN (DO NOT USE)
H [REDACTED]	L315-18T BK/LB (DO NOT USE)
H [REDACTED]	L316-18T BK/OR (DO NOT USE)
H [REDACTED]	L317-18T WT/VT (DO NOT USE)
H [REDACTED]	L318-18T WT/DB (DO NOT USE)
H [REDACTED]	T754-22T DG/GY (DO NOT USE)
H [REDACTED]	T120-20T DG/OR (TRANS PARK POSITION DETECTION)
H [REDACTED]	L950-20T LG/WT (REAR BULB OUTAGE DETECTION DISABLE)
H [REDACTED]	L779-18T WT/LB (DO NOT USE)

"M" Blunt Cut wire located at Left (Drivers Side) Rear of Frame

M [REDACTED] L56-18T WT/VT (Stop Lamp signal / CHMSL feed)

VEHICLE WIRING

G425-12T VT/YL (Spare Circuit - Pass Thru)

D

"D" Blunt Cut wires are part of the Upfitter Ports 1 & 2
 Jumpers located under Dash near Park Brake Bracket/Steering Column

Date : 12/09/2013



2014 UPFITTER SCHEMATIC
Blunt Cut Wires
2500/3500 Pickup Box-off (Sales Code XBC)

"G" Blunt Cut wires located at Right (Passenger Side) Rear of Frame

A100-14T RD/VT (Trailer Tow Battery feed)	G
B40-14T GY (Electric Brake feed)	G
L76-16T WT/BR (Trailer Tow Running/Park Lamps feed)	G
L111-16T WT/OR (Trailer Tow Back-up Lamps feed)	G
L614-18T LG (Trailer Tow Stop/Turn Right)	G
L615-18T YL (Trailer Tow Stop/Turn Left)	G
Z914-12T BK/GY (Ground)	G

MAXIMUM AMPERAGE ALLOWED FOR THESE TRAILER TOW CIRCUITS ARE AVAILABLE IN THE "ELECTRICAL POWER USAGE" CHAPTER OF ELECTRICAL/WIRING INFORMATION OF THE BODY BUILDER GUIDE

"H" Blunt Cut wires located at left/front of vehicle along side of inner fender

H	L177-18T WT/BR (DO NOT USE)
H	L312-18T BK/VT (DO NOT USE)
H	L313-18T BK/LG (DO NOT USE)
H	L314-18T BK/TN (DO NOT USE)
H	L315-18T BK/LB (DO NOT USE)
H	L316-18T BK/OR (DO NOT USE)
H	L317-18T WT/VT (DO NOT USE)
H	L318-18T WT/DB (DO NOT USE)
H	T754-22T DG/GY (DO NOT USE)
H	T120-20T DG/OR (TRANS PARK POSITION DETECTION)
H	L950-20T LG/VT (REAR BULB OUTAGE DETECTION DISABLE)
H	L779-18T WT/LB (DO NOT USE)

"M" Blunt Cut wire located at Left (Drivers Side) Rear of Frame

M L56-18T WT/VT (Stop Lamp signal / CHMSL feed)

VEHICLE WIRING

G425-12T VT/Y/L (Spare Circuit - Pass Thru)

D

"D" Blunt Cut wires are part of the Upfitter Ports 1 & 2 Jumpers located under Dash near Park Brake Bracket/Steering Column

Date : 12/09/2013

