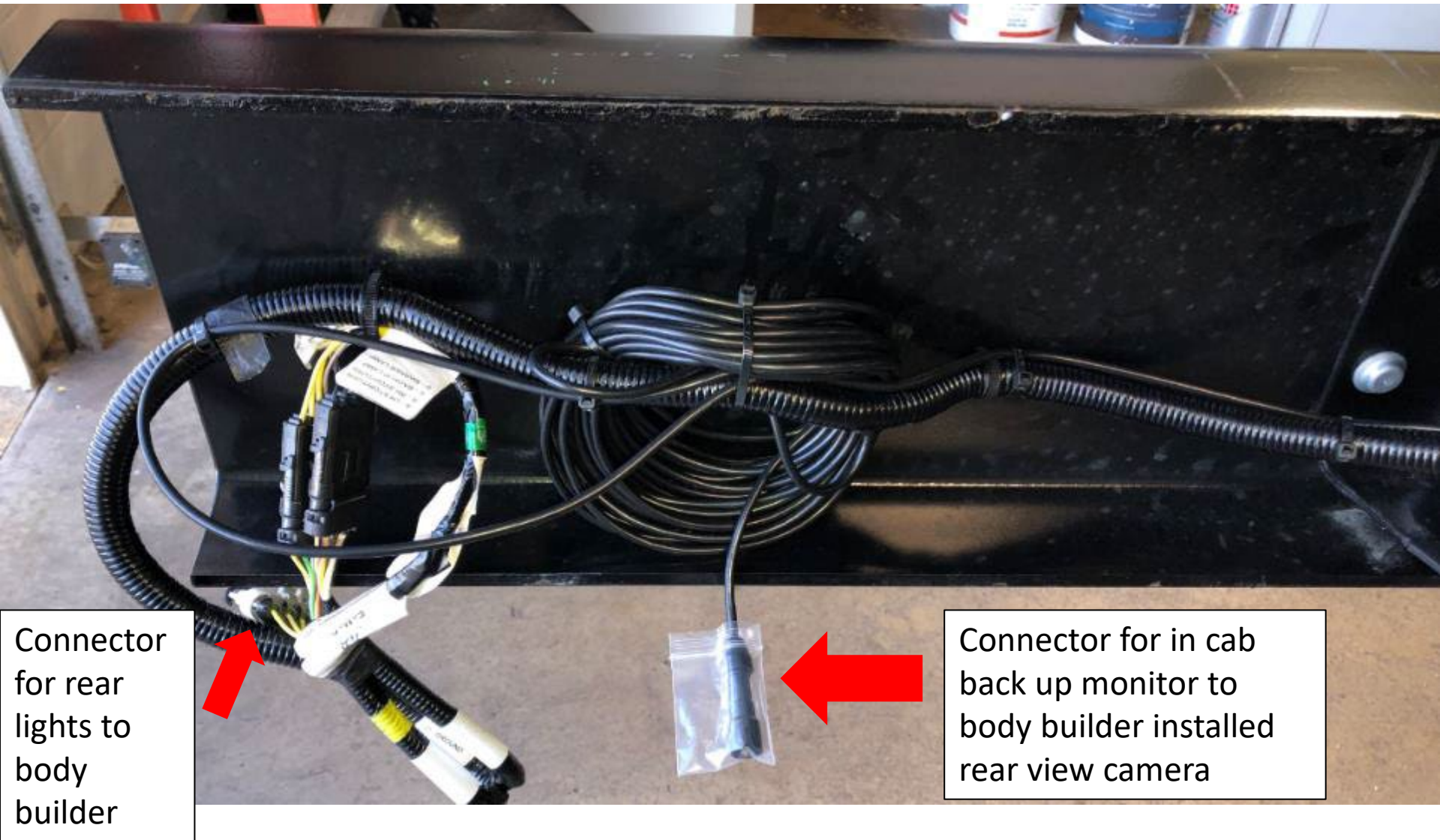


F650 end of frame wiring

Model Years 2019 and newer

NOTE: The rear tail light stop/turn electrical used by the body builder is the *Trailer / Tow*. Use this circuit in OASIS and when diagnosing the rear stop/turn lamps.

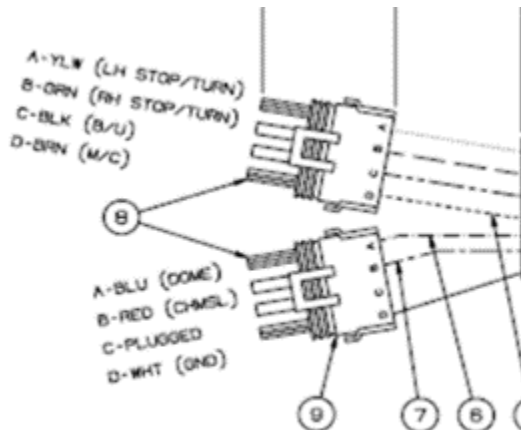
MY 19 & 21 Driver's side end of frame rail – Before Body Builder installation



Connector for rear
lights to
body
builder

Connector for in cab
back up monitor to
body builder installed
rear view camera

MY19 & 21 Connector layout



Connector pinout

Connector # 1

A LH stop/turn
B RH stop/turn
C Backup lamp
D marker lamp

Connector #2

A Strobe
B Blank
C Blank
D Ground

A Backup Lamp
B LH Stop/Turn
C RH Stop/Turn
D Marker Lamp
E Ground

LP_LH_REAR [C42M03]

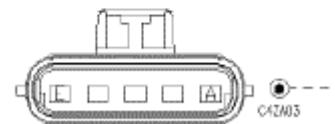
A	C4558DA	BN/BU	STAD-1.5	VSOBUD	<>
B	C4066DA	YE	STAD-1.5	VSOBUD	<>
C	C4099DA	GN	STAD-1.5	VSOBUD	<>
D	C4117DA	BN	STAD-1.0	VSOBUD	<>
E	R4088NA	WH	STAD-0.75	VSOBUD	<>

②⑤

F1HS-14A464-AA : F W/P 280 SLD : 1.00

GUST-14A468-AA : TPA : 1.00

HUST-14A624-FA : CONN 5 POS M : 1.00



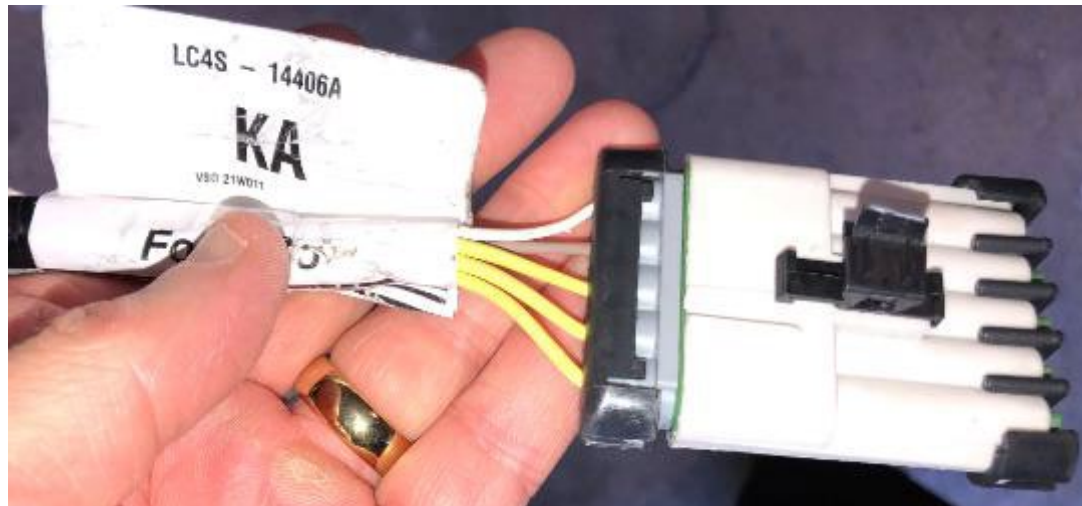
F1HS-14A464-AA

MY19 & 21 Connector to body builder for rear lights

MY19

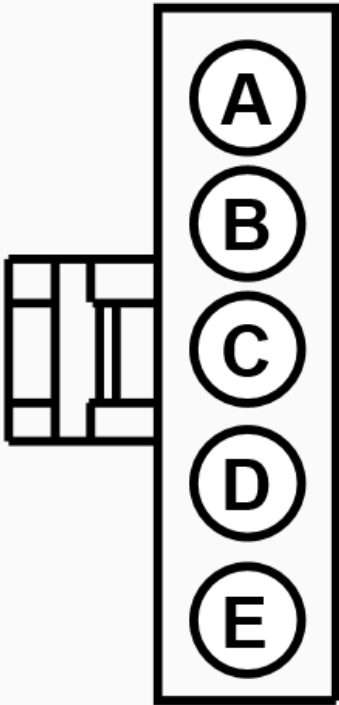


MY21





Connector:	Description	Color	Harness	Base Part #	Service Pigtail
C4035A	REAR PARK/STOP/TURN LAMP LH		14406	part# N/A	Not Available



Terminal Part Number	Service Part Number	Size
12077412	Not Available	
F2AB-14474-NA	Not Available	

Pin	Circuit	Gauge	Circuit Function	Qualifier	Terminal Part Number
A	CLS10 (GN-BN)	14	CTRL MOD. - REVERSE LEFT OR COMMON		12077412
B	CLS18 (GY-BN)	14	CTRL MOD. - STOP/TURN LEFT (INBOARD)		12077412
C	CLS19 (VT-OG)	14	CTRL MOD. - STOP/TURN RIGHT (INBOARD)		12077412
D	CLS05 (BU-GY)	16	CTRL MOD. - PARK		F2AB-14474-NA
E	GD476 (BK-WH)	14	GROUND - FRAME REAR LEFT		12077412

MY 22 Driver's side end of frame rail – Before Body Builder installation: Same as before but additional connector added for 3rd brake light



Connector
for 3rd
brake light

Connector
for rear
lights to
body
builder

Connector for in cab
back up monitor to
body builder installed
rear view camera

Connector for 3rd brake light

New plug added for stand alone brake light power. For upper middle markers on UPS lighting.

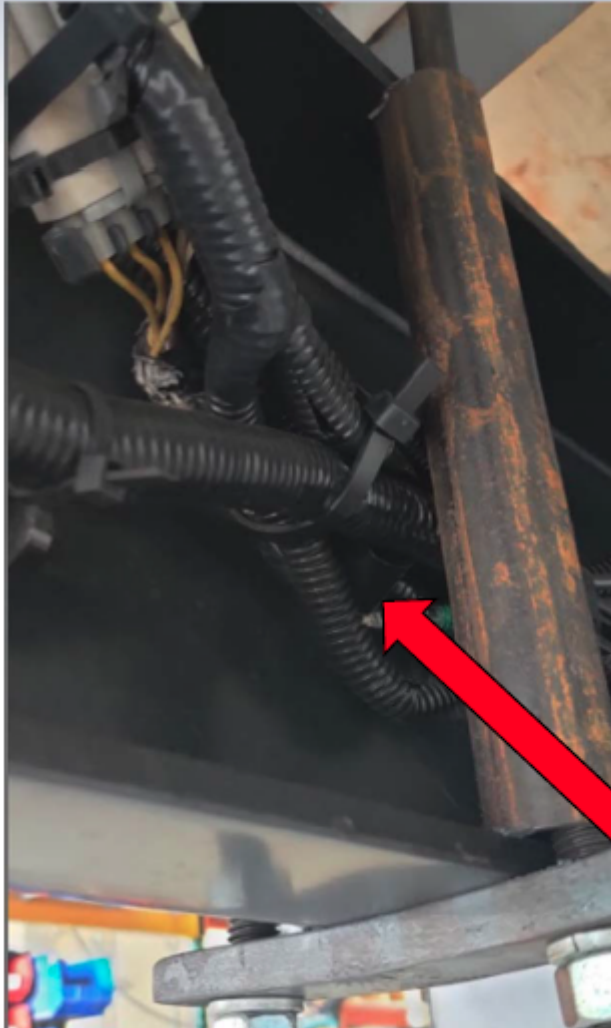
Yellow = 12V +
White = Ground



**Driver's side end of frame rail –
After Body Builder installation
Kentucky Trailer MY19 & 21**

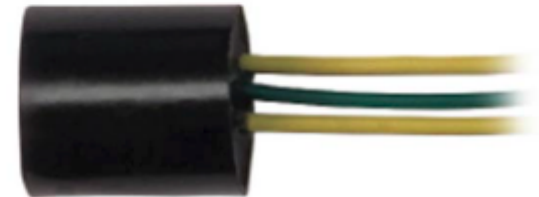


Kentucky Trailer – 3rd brake light module MY 19 & 21



The Stop function was requested to be added to the I.D. cluster on the rear frame header. This was accomplished by adding a Pacer Performance 3rd Brake Light Logic Module. The module is wired to the green and yellow circuits as inputs and sends only the stop signal out as an output.

Logic Module

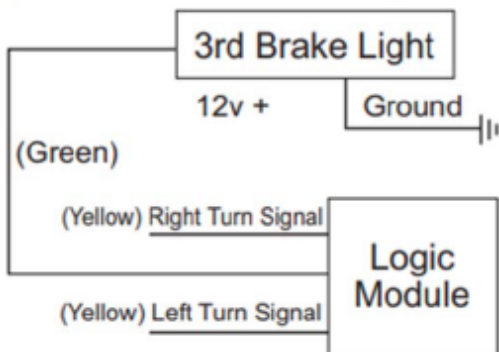


Kentucky Trailer – 3rd brake light module MY 19 & 21



LOGIC MODULE INSTALLATION INSTRUCTIONS PART # 20-702

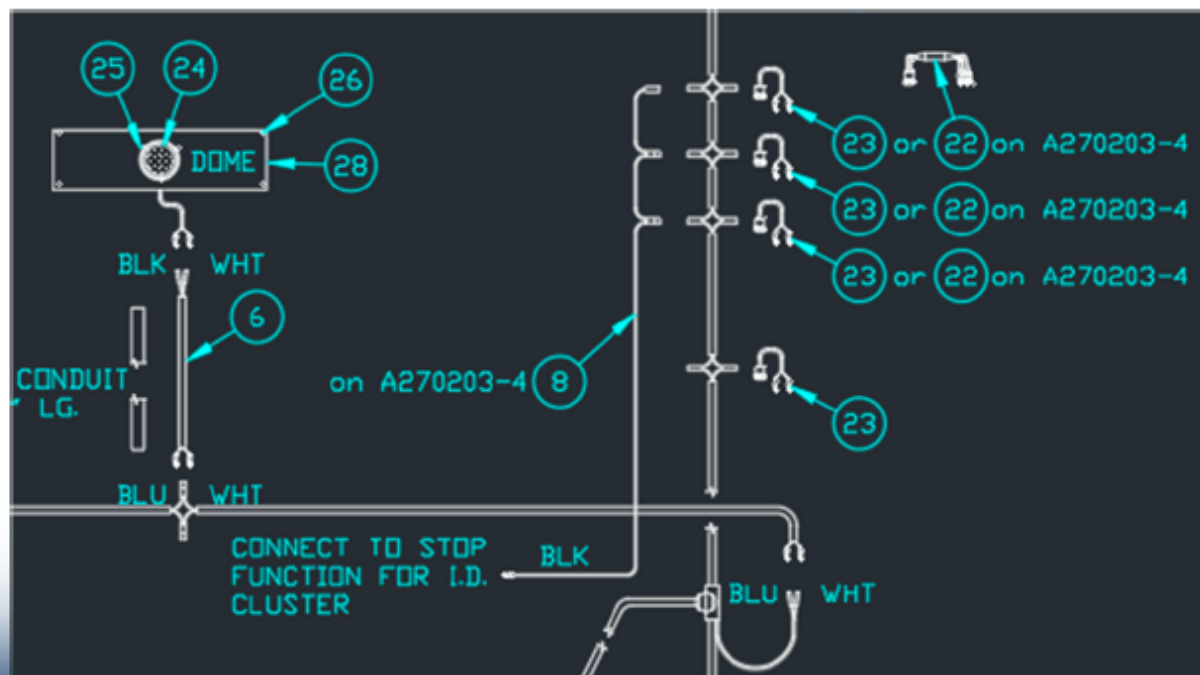
The purpose of the Logic Module is to allow the installation of a 3rd brake light. The module takes the signal from the tail lights and filters out the turn signals, therefore illuminating the 3rd brake light only when the vehicles brakes are applied.



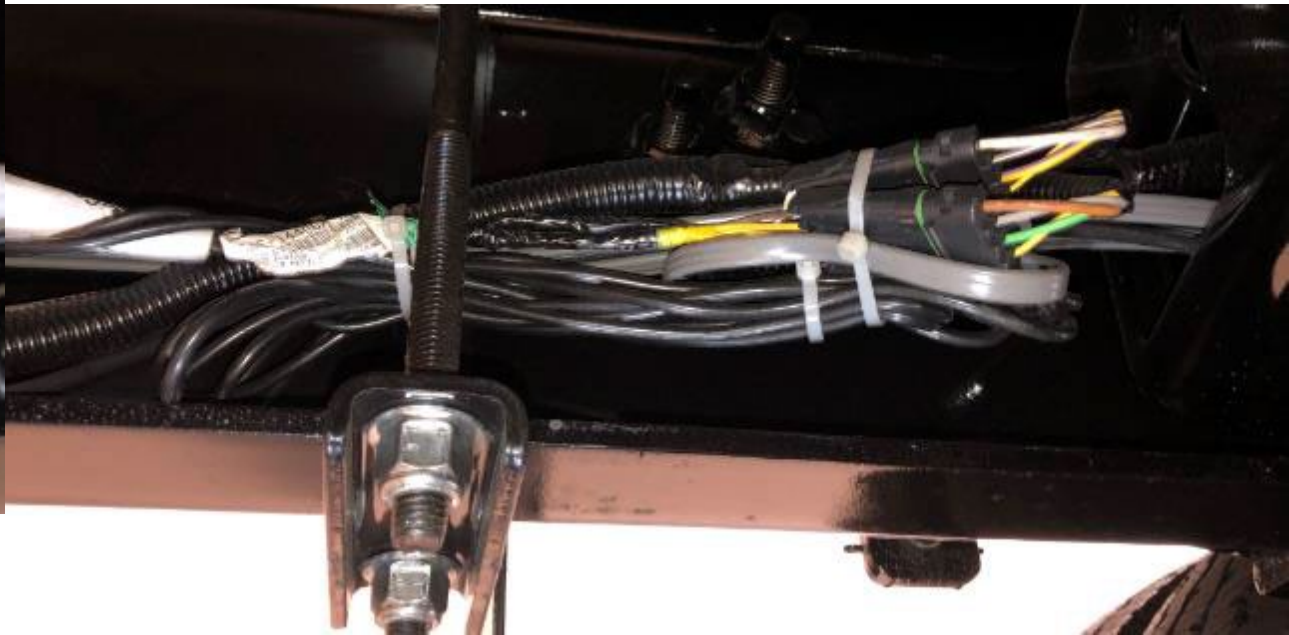
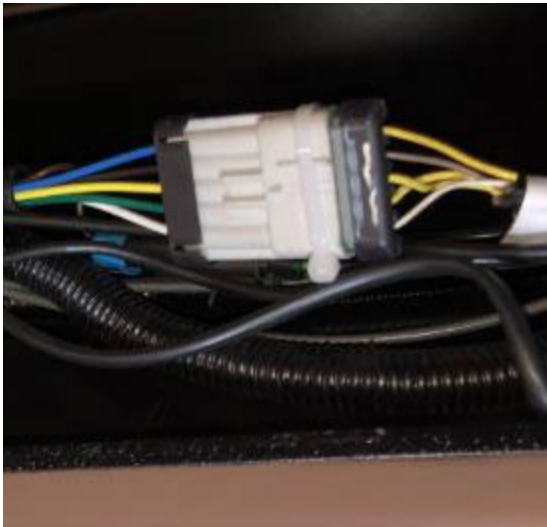
Pacer Performance Products, Los Angeles, CA
800.423.2442 • www.pacerperformance.com

20-702-instructionsheet Rev-01252017

A separate harness (Item #8 below) was run from the module to the I.D. cluster in the header and connected to the dual function I.D. lights installed.



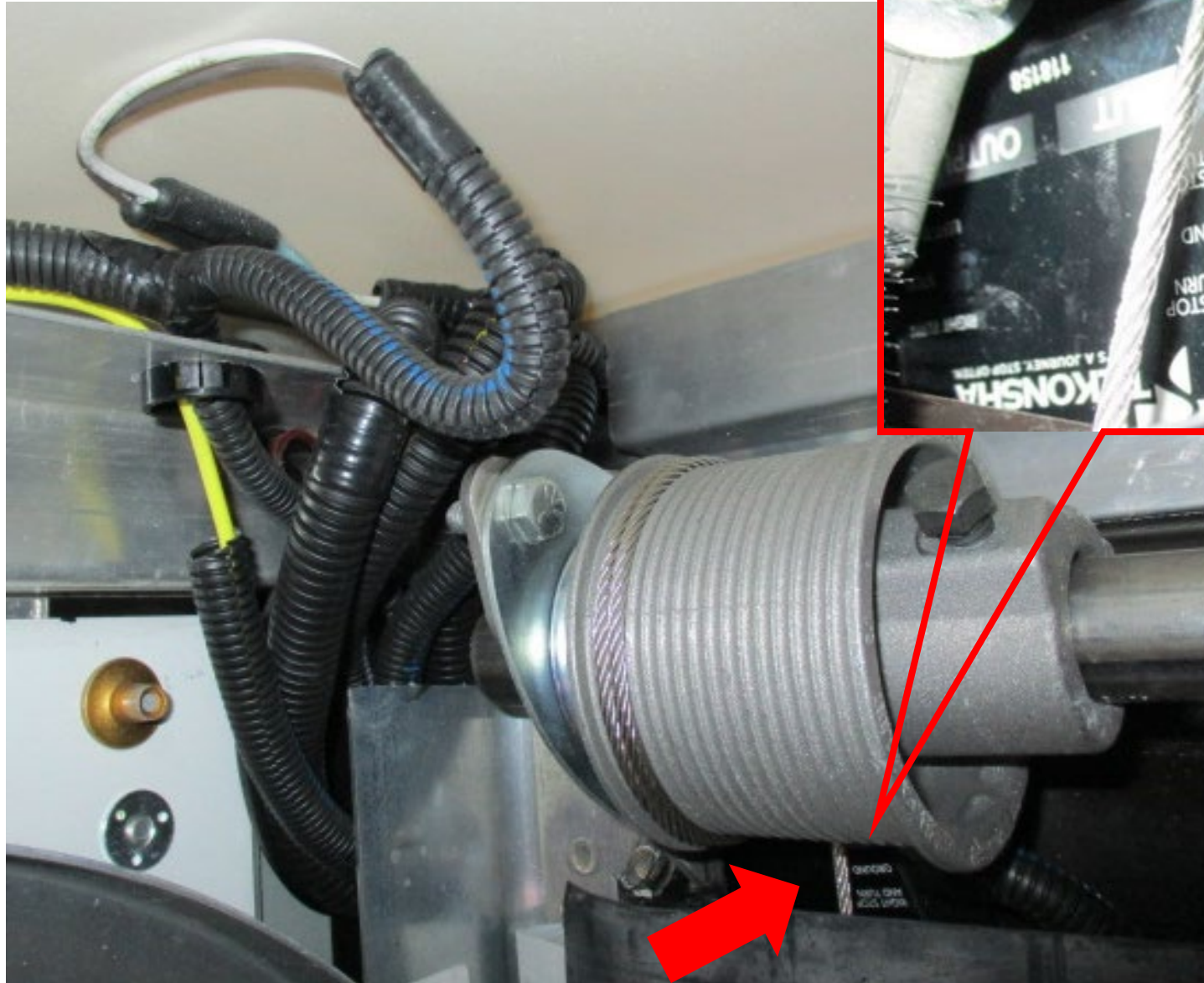
**Driver's side end of frame rail –
After Body Builder installation
Morgan MY 19 & 21**



**Driver's side end of frame rail –
After Body Builder installation
Utilimaster MY 19 & 21**



Utilimaster – 3rd brake light module MY 19 & 21



Strobe Under Dash Connector Info

Under Dash for Strobe

4-Pin Letters

C

BLUNT CUT ID LABEL	
BK/GN	TT ELEC BRK CONT (GND)
BN	UPFIT RLY 4
BN/BU	BCP LP
BN/RD	TT ELEC BRK CONT (BATT)
BN/WH	BB CAV 6
BU	CTO
BU/OG	STOPLAMP SIG
BU/WH	PTO RLY
GN	PTO RPM
GN/BN	UPFIT RLY 2
GN/WH	TRO N
GY/BN	TRO P
BN	UPFIT PASSTHR TO C2-C
VT/BN	BCP SW
VT/GN	UPFIT RLY 3
VT/OG	VS OUT
WH	BB CAV 10
?	UPFIT PASSTHR TO C2-A
WH/VT	PARK BRAKE
YE	UPFIT RLY 1
YE/BU	PTO REQ1 (GAS)
VT/WH	BCPASS3
YE/GN	VREF_C(GAS)
YE/GY	VPWR3
YE/OG	TT ELEC BRK CONT (OUT)
YE/VT	SIGRTN_C

Blank

D

Ground

A

Strobe

B

Blank

These 4 wires are not fused

