

Released

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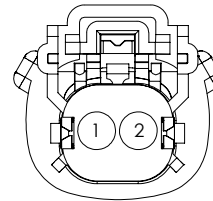
\*MFG NOTE  
ALL FEMALE  
BULLET CONNS  
TO BE GREASED

\*MFG NOTE  
LABEL TO BE 1" FROM 'A'  
LABEL TO READ: (A3)

ENGR NOTE - TOP TO BOTTOM  
WHT, RED/BLK, BLU/BLK, YEL, GRN

CIRCUIT	DESCRIPTION	ENDPOINTS	FUNCTION
000	20 WHT	A1,A6	GROUND
503	14 YEL	A4,B1	MOTOR A (UP)
504	14 GRN	A5,B1	MOTOR B (DOWN)
525	18 RED/BLK	A2,B2	CAB DOOR UNLOCK
526	18 BLU/BLK	A3,B2	CAB DOOR LOCK

PIN #	CIRCUIT	GAUGE	CAVITY	COLOR	FUNCTION
1	526	18	-	BLU/BLK	CAB DOOR LOCK
2	525	18	-	RED/BLK	CAB DOOR UNLOCK



MOLEX 33471-0201  
CONN 2 CKT  
FEMALE TERMS

BLLT #	CIRCUIT	GAUGE	TYPE	DIA	EQIV PT#	COLOR	FUNCTION
1	000	20	FEMALE NON-INSUL	.156"	TE 42581-2	WHT	GROUND

BLLT #	CIRCUIT	GAUGE	TYPE	DIA	EQIV PT#	COLOR	FUNCTION
2	525	18	FEMALE NON-INSUL	.156"	TE 42581-2	RED/BLK	CAB DOOR UNLOCK

BLLT #	CIRCUIT	GAUGE	TYPE	DIA	EQIV PT#	COLOR	FUNCTION
3	526	18	FEMALE NON-INSUL	.156"	TE 42581-2	BLU/BLK	CAB DOOR LOCK

BLLT #	CIRCUIT	GAUGE	TYPE	DIA	EQIV PT#	COLOR	FUNCTION
4	503	14	FEMALE NON-INSUL	.156"	TE 42142-1	YEL	MOTOR A (UP)

BLLT #	CIRCUIT	GAUGE	TYPE	DIA	EQIV PT#	COLOR	FUNCTION
5	504	14	FEMALE NON-INSUL	.156"	TE 42142-1	GRN	MOTOR B (DOWN)

DOOR SIDE  
POGO PIN

DOOR SIDE  
POGO PIN

DOOR SIDE  
POGO PIN

DOOR SIDE  
POGO PIN

DOOR SIDE  
POGO PIN

(A1)

(A2)

(A3)

(A4)

(A5)

4.5"

4"

3.5"

3"

2.5"

3"

TO DOOR  
HANDLE

(B2)

(A6)

(A5)

(A1)

(B)

(A)

(A6)

15"

LOOM

(A1)

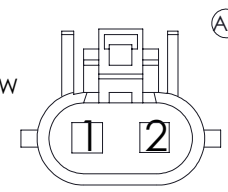
(A4)

(A3)

(B1)

ADD LABEL  
\*SEE NOTE

TO WINDOW  
MOTOR



(A2)

(B1)

(B3)

KET MG610320-5  
CONN 2 CKT

KET ST730496-3  
FEMALE TERMS

KET MG680451  
SEAL

KET MG630326-7  
TPA LOCK

PIN #	CIRCUIT	GAUGE	CAVITY	COLOR	FUNCTION
1	503	14	SEAL	YEL	MOTOR A (UP)
2	504	14	SEAL	GRN	MOTOR B (DOWN)

\*SOLDER CRIMP AND ADD HEAT SHRINK

BODY #10 RING TERM FULLY INSULATED

TERM	CIRCUIT	GAUGE	TYPE	DIA	COLOR	FUNCTION
RING	000	20	SMOOTH BORE	#10	WHT	GROUND

NOTES:

- FOR CONSTRUCTION STANDARDS PLEASE REFERENCE MORGAN OLSON ISO WEB #QES 10 06
- TXL WIRE

HARNES AND LOOM TOLERANCES  
UP TO 60" = -0/+2"  
60" TO 100" = -0/+4"  
100" TO 200" = -0/+5"  
200" TO 400" = -0/+6"  
400" TO 600" = -0/+7"  
OVER 600" = -0/+8"  
BO TO BO = -0/+2"  
TOLERANCE IS NOT ACCUMULATIVE.  
LENGTH APPLIES TO OVERALL  
HARNES LENGTH, BREAKOUT TO  
END, OR LOOM.

B	B1 - WAS YAZAKI 317-1058 B2 - WAS YAZAKI 317-1046 B3 - WAS YAZAKI 317-1044 B4 - WAS YAZAKI 317-1059	DBB	75406 02/02/22
A	1.) NODES "B1" AND "B2" REDRAWN FOR PART CONSTRUCTION CLARITY 2.) CONNECTOR AT "B1" CHANGED, WAS APTIV 54200206 3.) LABEL LOCATION CHANGED FROM "A" TO "B1" FOR CLARITY 4.) WAS 4", NOW 6" 5.) WAS 3", NOW 1.5" 6.) WAS 18", NOW 15" 7.) ADDED 0.5" TO A1, A2, A3, A4, A5	BMH	73194 12/7/2021
REL	REL TO PRODUCTION		
REV	DESCRIPTION OF CHANGE	BY	ECO# DATE

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**MORGAN OLSON**  
DO NOT SCALE DRAWING  
TOLERANCES: X.XX ±0.00, XXX ±0.00, XXXX ±0.00, ANGLES ±0.01°  
ASME Y14.5M-2004 REMOVE ALL SHARP EDGES

DRAWN: BMH DATE: 8/2/2021 ECO#: 68909  
DESCRIPTION: HARN DR CAB RHD F150  
PART#: 219084203 SHEET: 1 of 1  
REV: B