


ITEM	PART#	CIRCUIT ID	MFG	MFR PART#	QTY	DESCRIPTION
CF-001	03028514	HEAD UNIT	TE	I375820-8	1	TE CST-100 SERIES 8 POSITION PLUG
CF-001	03028550	HEAD UNIT	TE	I375819-2	4	CST-100 11 CONTACT 15 GOLD PLT
CM-001	03021790	PASS EXTN.	TE	DT04-3P-C015	1	CONN DT RCPT 3 M, DT04-3P-C015
CM-001	0312766	PASS EXTN.	TE	0460-202-1631	2	TERM DT 16M G, 0460-202-1631
CM-001	0313070	PASS EXTN.	TE	W3P-1939	1	WGLK DT 3 M, W3P-1939
CF-002	03021789	J-BOX	TE	DT06-3S-C015	1	CONN DT PLUG 3 F, DT06-3S-C015
CF-002	0313072	J-BOX	TE	0462-201-1631	2	TERM DT 16F G, 0462-201-1631
CF-002	0312765	J-BOX	TE	W3S-1939	1	WGLK DT 3 F, W3S-1939
CM-002	03021792	PASS EXTN.	TE	DT04-2P-C015	1	CONN DT RCPT 2 M, DT04-2P-C015
CM-002	0312769	PASS EXTN.	TE	0460-202-16141	2	TERM DT 16M N, 0460-202-16141
CM-002	03000993	PASS EXTN.	TE	W2P	1	WGLK DT 2 M, W2P
CM-003	03021792	E-STOP CORE-R	TE	DT04-2P-C015	1	CONN DT RCPT 2 M, DT04-2P-C015
CM-003	0312769	E-STOP CORE-R	TE	0460-202-16141	2	TERM DT 16M N, 0460-202-16141
CM-003	03000993	E-STOP CORE-R	TE	W2P	1	WGLK DT 2 M, W2P
CF-003	03021791	J-BOX	TE	DT06-2S-C015	1	CONN DT PLUG 2 F, DT06-2S-C015
CF-003	0310825	J-BOX	TE	0462-201-16141	2	TERM DT 16F N, 0462-201-16141
CF-003	0307745	J-BOX	TE	W2S	1	WGLK DT 2 F, W2S
FU-001	03028551	HEAD UNIT	Littelfuse	01530002H	1	Littelfuse 01530002H MINI Fuse Holder
FU-001	03022256	HEAD UNIT	Littelfuse	297003.WXNV	1	Littelfuse MINI Automotive Fuse, 3A, 32VDC, Vlt
	0311157	E-STOP/CAN NETWORK	TE	114017	3	CONTACT SIZE 12-16, WHITE, SEALING PLUG

- Notes:
- USE TXL WIRE.
  - L1 = Loom 1, L2 = Loom 2, L3 = Loom 3.
  - USE J1939 CAN CABLE BETWEEN CONNECTORS CF-003 AND CM-001.
  - FUSE FU-001 MUST BE ACCESSABLE OUTSIDE OF THE LOOM.
  - WIRES AT TERMINALS 1&2 AT CONNECTOR CF-001 MUST BE TWISTED AT ABOUT 1 TWIST PER INCH.
  - WIRES AT CF-001 MAY BE CHANGED TO A GAUGE AS SMALL AS 22 GAUGE.
  - LOOM TO WITHIN 2 INCHES TO CONNECTORS OR BLUNT CUT.
  - PERFORM CONTINUITY TEST.
  - PERFORM PULL TEST ON CONNECTORS.
  - LABLE EACH OF THE 3 CONNECTION NODES AS SHOWN, DD/MM/YYYY = MANUFACTURER'S LOT TRACK ID
  - PRINT WIRE FUNCTION ON INSULATION EVERY 8 INCHES, EXCEPT CAN WIRES.

01	036560	ADDED E-STOP CIRCUIT	CAB	9/26/22	
REV.	E.C.N.	DESCRIPTION	INIT.	DATE	
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PROJ. NAME: EPR-22-060 - ALTERNATE T110 REMOTE

FILE NAME: 03028531.rsd

**CORPORATE ENGINEERING**  
8503 HILLTOP DR. COOLETWAH, TN 37363  
(423) 238-4171

SCH. TYPE: Circuit	DESCRIPTION:  HARNESS, WHELEN OPTIONAL KEYPAD
DRW. DATE: 08/25/2022	
MOD. DATE: 09/30/2022	
CHK. DATE: 08/25/2022	

DRAWN BY: PAUL WAILAND	DWG SIZE <b>B</b>	DWG NO: 03028531	REV. 01
CHK BY: MICHAEL BENSON ANDERTON			

SHEET: 1 OF 1