

VEHICLE CONNECTION ETC

Cav	Item	Wire	Length	Cav	Item	Wire	Length
A1	R	200 BK	100	D7	S	78 RD	
A2	R	201 BK	100	D8	S	63 VL	
A3	R	202 BK	100	D9	S	58 TP6V (G)	
B6	S	207 VL		D12	S	31 TP6V (L)	
B8	S	91 BU		E2	S	127 WH	100
C8	S	209 PK		F9	S	213 OR	
C9	S	59 PK		F12	S	178 OR	
C10	S	64 RD	100	G1	R	202 RD	
C11	S	188 BK		G2	R	205 RD	
C12	S	189 OR		G3	R	206 RD	
D1	S	89 TP1 VL		G4	R	207 RD	
D2	S	78 TP1 (G)		G5	R	208 RD	
				G6	R	209 RD	
				G7	R	210 RD	
				G8	R	211 RD	
				G9	R	212 RD	
				G10	R	213 RD	
				G11	R	214 RD	
				G12	R	215 RD	
				G13	R	216 RD	
				G14	R	217 RD	
				G15	R	218 RD	
				G16	R	219 RD	
				G17	R	220 RD	
				G18	R	221 RD	
				G19	R	222 RD	
				G20	R	223 RD	
				G21	R	224 RD	
				G22	R	225 RD	
				G23	R	226 RD	
				G24	R	227 RD	
				G25	R	228 RD	
				G26	R	229 RD	
				G27	R	230 RD	
				G28	R	231 RD	
				G29	R	232 RD	
				G30	R	233 RD	
				G31	R	234 RD	
				G32	R	235 RD	
				G33	R	236 RD	
				G34	R	237 RD	
				G35	R	238 RD	
				G36	R	239 RD	
				G37	R	240 RD	
				G38	R	241 RD	
				G39	R	242 RD	
				G40	R	243 RD	
				G41	R	244 RD	
				G42	R	245 RD	
				G43	R	246 RD	
				G44	R	247 RD	
				G45	R	248 RD	
				G46	R	249 RD	
				G47	R	250 RD	
				G48	R	251 RD	
				G49	R	252 RD	
				G50	R	253 RD	
				G51	R	254 RD	
				G52	R	255 RD	
				G53	R	256 RD	
				G54	R	257 RD	
				G55	R	258 RD	
				G56	R	259 RD	
				G57	R	260 RD	
				G58	R	261 RD	
				G59	R	262 RD	
				G60	R	263 RD	
				G61	R	264 RD	
				G62	R	265 RD	
				G63	R	266 RD	
				G64	R	267 RD	
				G65	R	268 RD	
				G66	R	269 RD	
				G67	R	270 RD	
				G68	R	271 RD	
				G69	R	272 RD	
				G70	R	273 RD	
				G71	R	274 RD	
				G72	R	275 RD	
				G73	R	276 RD	
				G74	R	277 RD	
				G75	R	278 RD	
				G76	R	279 RD	
				G77	R	280 RD	
				G78	R	281 RD	
				G79	R	282 RD	
				G80	R	283 RD	
				G81	R	284 RD	
				G82	R	285 RD	
				G83	R	286 RD	
				G84	R	287 RD	
				G85	R	288 RD	
				G86	R	289 RD	
				G87	R	290 RD	
				G88	R	291 RD	
				G89	R	292 RD	
				G90	R	293 RD	
				G91	R	294 RD	
				G92	R	295 RD	
				G93	R	296 RD	
				G94	R	297 RD	
				G95	R	298 RD	
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				G117	R	320 RD	
				G118	R	321 RD	
				G119	R	322 RD	
				G120	R	323 RD	
				G121	R	324 RD	
				G122	R	325 RD	
				G123	R	326 RD	
				G124	R	327 RD	
				G125	R	328 RD	
				G126	R	329 RD	
				G127	R	330 RD	
				G128	R	331 RD	
				G129	R	332 RD	
				G130	R	333 RD	
				G131	R	334 RD	
				G132	R	335 RD	
				G133	R	336 RD	
				G134	R	337 RD	
				G135	R	338 RD	
				G136	R	339 RD	
				G137	R	340 RD	
				G138	R	341 RD	
				G139	R	342 RD	
				G140	R	343 RD	
				G141	R	344 RD	
				G142	R	345 RD	
				G143	R	346 RD	
				G144	R	347 RD	
				G145	R	348 RD	
				G146	R	349 RD	
				G147	R	350 RD	
				G148	R	351 RD	
				G149	R	352 RD	
				G150	R	353 RD	
				G151	R	354 RD	
				G152	R	355 RD	
				G153	R	356 RD	
				G154	R	357 RD	
				G155	R	358 RD	
				G156	R	359 RD	
				G157	R	360 RD	
				G158	R	361 RD	
				G159	R	362 RD	
				G160	R	363 RD	
				G161	R	364 RD	
				G162	R	365 RD	
				G163	R	366 RD	
				G164	R	367 RD	
				G165	R	368 RD	
				G166	R	369 RD	
				G167	R	370 RD	
				G168	R	371 RD	
				G169	R	372 RD	
				G170	R	373 RD	
				G171	R	374 RD	
				G172	R	375 RD	
				G173	R	376 RD	
				G174	R	377 RD	
				G175	R	378 RD	
				G176	R	379 RD	
				G177	R	380 RD	
				G178	R	381 RD	
				G179	R	382 RD	
				G180	R	383 RD	
				G181	R	384 RD	
				G182	R	385 RD	
				G183	R	386 RD	
				G184	R	387 RD	
				G185	R	388 RD	
				G186	R	389 RD	
				G187	R	390 RD	
				G188	R	391 RD	
				G189	R	392 RD	
				G190	R	393 RD	
				G191	R	394 RD	
				G192	R	395 RD	
				G193	R	396 RD	
				G194	R	397 RD	
				G195	R	398 RD	
				G196	R	399 RD	
				G197	R	400 RD	

- NOTES:
- HARNES IS DRAWN AND IS TO BE PRODUCED PER WACKER WIRE HARNES STANDARD DEE-47 UNLESS OTHERWISE SPECIFIED.
  - WIRES: PER SAE J1128 GXL (TXL ACCEPTABLE IF THIN WIRES ARE REQUIRED)
  - ALL DIMENSIONS ARE IN MILLIMETERS
  - PROVIDE LABELS, FOR WIRE DESIGNATION, ON AN UNSOCKETABLE AREA OF THE CONNECTOR OR WIRE.
  - CUT INSULATION 10mm FROM END AND LEAVE INSULATION ON WIRE
  - CHANGES DONE TO THIS WIRE HARNES MUST ALSO BE DONE TO SCHEMATIC 599 07 81-01.
  - BACK BRAID ENDS WHERE NOTED
  - TETHERS (BZ) IS TO BE INSTALLED ON LEFT SIDE AS VIEWED FROM THE FUSE INSERTION SIDE

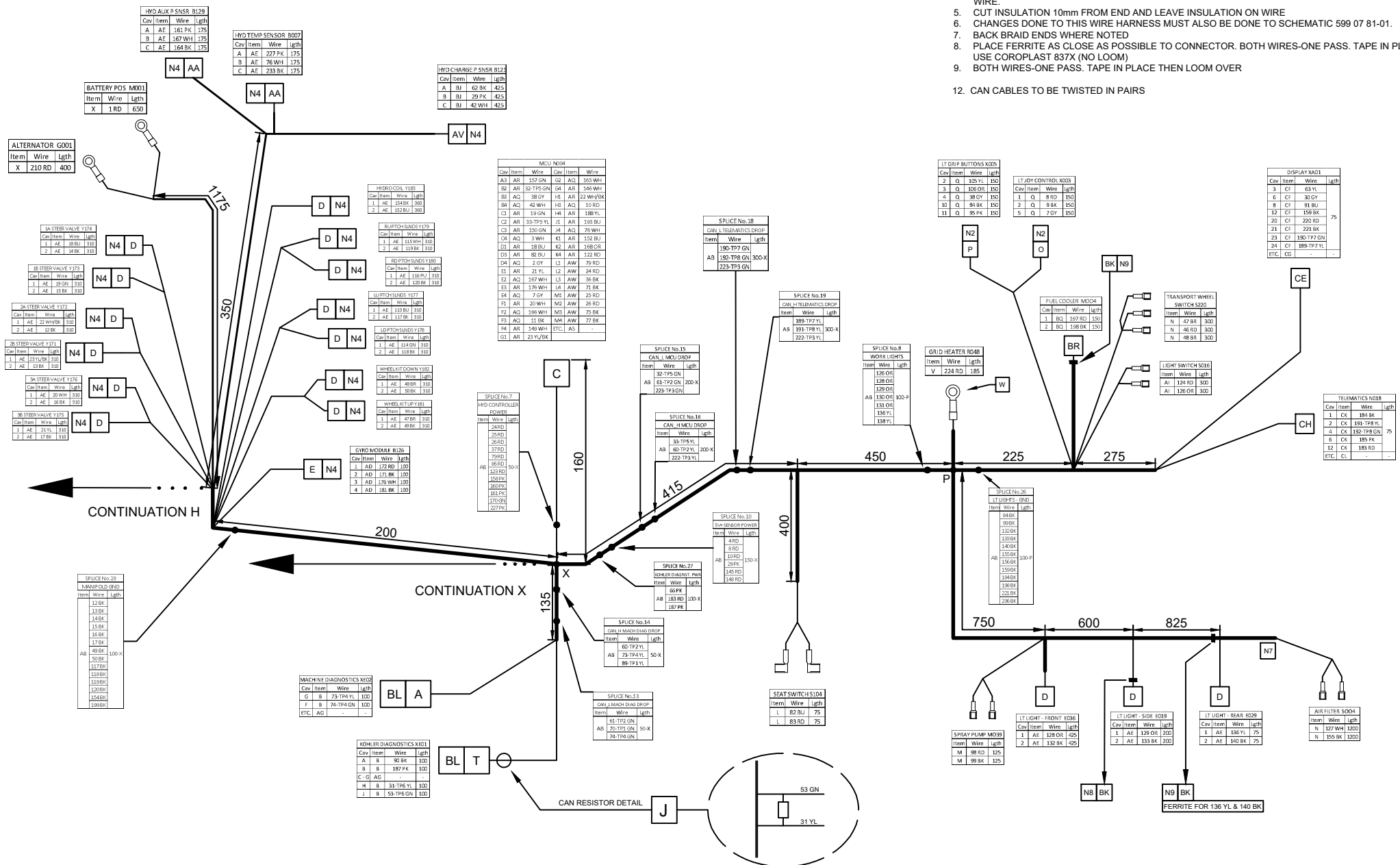
F	Formal revision due to the release of the schematics in Husqvarna format	MB	MB	2024-04-09
E.002	Items AX and K changed part number, some cables thickened and their terminals adjusted	MB	TE	2023-06-07
E	Correction of notes on ferrites	MB	TE	2023-10-16
Rev.	Description	Design	Check	Date

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Design By	MB
Checked By	TE
Approved By	LL
Date	2023-06-20

Title	Wire harness
	Main circuit
	CRT60-74LX

Function		Article No.		Rev.
Location		599 07 81-01		F
Printed 9 April 2024 at 14:41		Sheet No		1 Of 3
CRT60-Harness-AfterCoolingSol.dwg		Items shown in this drawing must not contain substances classified as "banned" or "restricted" according to the Husqvarna Group Restricted Materials List (see www.purchase.husqvarna.com)		



- NOTES:
2. WIRES: PER SAE J1128 GXL (TXL ACCEPTABLE IF THIN WIRES ARE REQUIRED)
  3. ALL DIMENSIONS ARE IN MILLIMETERS
  4. PROVIDE LABELS FOR WIRE DESIGNATION ON AN UNSOCKETABLE AREA OF THE CONNECTOR OR WIRE.
  5. CUT INSULATION 10mm FROM END AND LEAVE INSULATION ON WIRE
  6. CHANGES DONE TO THIS WIRE HARNESS MUST ALSO BE DONE TO SCHEMATIC 599 07 81-01.
  7. BACK Braid ENDS WHERE NOTED
  8. USE FERRITE AS CLOSE AS POSSIBLE TO CONNECTOR. BOTH WIRES-ONE PASS. TAPE IN PLACE, USE COROPLAST 837X (NO LOOM)
  9. BOTH WIRES-ONE PASS. TAPE IN PLACE THEN LOOM OVER
  12. CAN CABLES TO BE TWISTED IN PAIRS

F	Formal revision due to the release of the schematics in Husqvarna format	MB	MB	2024-04-09
E.002	Items AX and K changed part number, some cables thickened and their terminals adjusted	MB	TE	2023-06-07
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**Husqvarna**

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Design By	MB
Checked By	TE
Approved By	LL
Date	2023-06-20

Title

Wire harness

Main circuit

CRT60-74LX

Function

Location

Article No.

599 07 81-01

Rev.

F

Printed 9 April 2024 at 14:41

Sheet No

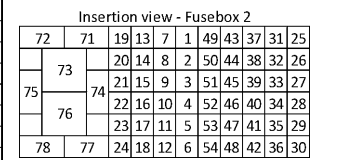
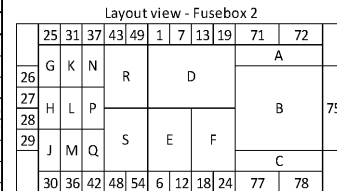
2 Of 3

Connectors, Terminals, Fuses

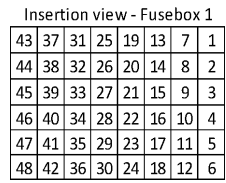
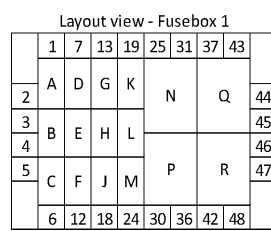
Item	Qty	Description	Manufacturer	Manufacturer No	Item	Qty	Description	Manufacturer	Manufacturer No	
A	1	Connector, Receptacle	TE/Deutsch	HD14-9-96PE	AK	1	Ring terminal #6, 22-16 AWG	TE	0-036152-0	
B	6	Terminal, Male, 20-16 AWG	TE/Deutsch	0460-202-16141			Terminal Fusebox, 20-18 AWG	TE	968855	
C	1	Receptacle	Molex	64320-1311	AL	70	Terminal Fusebox, 16-14 AWG	TE	968857	
	1	Wire Cap	Molex	64320-1301				Terminal Fusebox, 12 AWG	TE	1-968859-3 (SILVER)
D	19	Plug	TE/Deutsch	DT06-2S-CE06	AM	70	Seal Fusebox, 20 AWG	Delphi/Aptiv	15324976	
		Locking Wedge	TE/Deutsch	W25-P012				Seal Fusebox, 18-14 AWG	TE	828905-1
E	1	Plug	TE/Deutsch	DTM06-4S	AN	29	Seal Fusebox, 12 AWG	TE	638865-2 or 828905-1	
		Locking Wedge	TE/Deutsch	WM-4S				Cavity plug	TE	828922-1
F	2	Disconnect, Female, 12-10 AWG	TE	4-520447-2	AP	1	Connector, 3 way	Delphi/Aptiv	12110293	
G	1	Terminal, Female, 18 AWG	Delphi/Aptiv	12124512			1	TPA	Delphi/Aptiv	12052845
H	1	Connector, Female, 5 way	Delphi/Aptiv	2973422-B			3	Cable seal	Delphi/Aptiv	12048086
I	2	Terminal, Female, 12 AWG	Delphi/Aptiv	12124518	AQ	11	Terminal, Female, 20 AWG	Molex	64322-1039	
J	1	Resistor, 120 Ω, 0.5 W	Yageo USA	CFR-50JB-52-120R		AR	19	Terminal, Female, 18 AWG	Molex	64322-1029
K	1	Relay, NO	Song-Chuan	898H-1AH-C-R1-U04-12VDC	AS	10	Cavity plug seal, 0.635	Molex	64325-1010	
L	2	Flag Disconnect, Female, 1/4"	TE	2-520128-2	AT	1	Connector, 6 way	Delphi/Aptiv	12162210	
M	2	Tab Disconnect, Male, 1/4"	TE	2-520102-2	AU	6	Terminal, Female	Delphi/Aptiv	12124075	
N	12	Disconnect, Female, 22-18 AWG	TE	2-520183-2	AV	1	Connector, Metri-pack 150	Delphi/Aptiv	12065287	
O	2	Connector Body, 12 pin	AMP	174045-2			1	Cable seal	Delphi/Aptiv	12065285
P	2	Connector Body, 16 pin	AMP	174046-2	AW	8	Terminal, Female, 16 AWG	Molex	64323-1039	
Q	16	Terminal, Socket, 20-22 AWG	AMP	175062-2	AX	1	Fuse, 30 A	Optifuse	APM-30A	
R	4	Terminal, Male	Molex	MX 150L-19431-001	AY	1	Relay	Panasonic	CB1AH-R-12V	
S	15	Terminal, Male	Molex	MX 150-33000-1002	AZ	2	Fuse-micro 2A	Littelfuse	297002	
T	1	Connector, HD, 9 pin	TE/Deutsch	HD 14-9-1939 PE	BA	5	Fuse-micro 5A	Littelfuse	-	
U	1	Connector, 66 pin	Molex	93792-6006	BB	1	Fuse-micro 25A	Littelfuse	-	
V	1	Ring Terminal, 1/4", AWG 8	TE	52041-1	BC	1	Fuse-micro 10A	Littelfuse	-	
W	1	Alternator Boot	VTE	214N2V02	BD	5	Fuse-micro 15A	Littelfuse	-	
X	2	Ring Terminal, 3/8", AWG 6	Molex	190670052	BE	2	Fuse-micro 20A	Littelfuse	-	
Y	8	Relay-micro, 5-pin	Song Chuan	301-1C-C-R1 U01 12VD	BF	1	Fuse-micro 3A	Littelfuse	-	
AA	4	Plug	TE/Deutsch	DT06-3S-CE06	BG	2	Power cavity plug, 12-8 AWG	Molex	93732-0001	
	4	Locking wedge	TE/Deutsch	W35-P012	BH	45	MX150 Cavity plug seal, 20-14 AWG	Molex	34345-0001	
AB	21	Weld splice	-	-	BI	2	Term-ring, non-ins, 10.5mm, 10-8 AWG	Delphi/Aptiv	12103501	
AC	2	Terminal, Female	TE/Deutsch	12084200	BJ	3	Terminal, Female	Delphi/Aptiv	12103881	
AD	4	DTM socket	TE/Deutsch	1062-20-0144	BK	4	Solid ferrite	Fair-Rite	2631540002	
AE	47	Terminal, Female	TE/Deutsch	1062-16-0122	BL	2	Dust cap	TE/Deutsch	HDC9-JDL082397	
AF	1	Fuse, 60 A	Littelfuse	299060	BM	2	Terminal, Female, 10 AWG	Delphi/Aptiv	15336748	
AG	12	Cavity plug, 20-12 AWG	TE/Deutsch	114017				Seal, 10 AWG	Delphi/Aptiv	15324999
AH	1	Fuse, 50 A		299050	BN	2	Terminal, Female, 10 AWG	TE	967590	
AI	3	Female disconnect 1/4", 16-14 AWG	TE	3-350819-				Seal, 10 AWG	TE	1355437-1
AJ	1	Terminal, Female, 18 AWG	Delphi/Aptiv	12048074	BQ	4	Terminal, Female, 14-12 AWG	TE/Deutsch	1062-12-0166	

Item	Qty	Description	Manufacturer	Manufacturer No
BP	2	Terminal, Female, 12 AWG	TE	1241416
		Seal, 12 AWG	TE	1394512-2
BR	2	Plug	TE/Deutsch	DTPO6-2S
	2	Locking wedge	TE/Deutsch	WP-2S
BS	1	PDM Label, 48 way	Chief Enterprises	P721
BT	1	Connector	Sumitomo	6189-0176
BU	2	Terminal, Female, 12 AWG	Sumitomo	8100-0594
BV	2	Seal	Delphi/Aptiv	15324973
BW	1	Fuse/Relay Box, BRIC Fusion	Chief Enterprises	C1233
BX	1	Cover, BRIC Fusion, custom	Chief Enterprises	C1467
BY	1	TPA - Base, BRIC Fusion	Chief Enterprises	P345
BZ	2	Tether	Chief Enterprises	P348
CA	1	Fuse/Relay Box, 48 way	Chief Enterprises	C749
CB	1	Cover, 48 way, custom	Chief Enterprises	C1466
CC	4	TPA for BRIC Base Fusion	Chief Enterprises	P343-1
CD	1	PDM Label - Fusion	Chief Enterprises	P722
CE	1	Connector, Plug	TE	3-1437290-7
CF	8	Terminal, Female, 18-16 AWG	TE	3-1447221-3
CG	18	Cavity Plug Seal	TE	4-1437284-3
CH	1	Connector, Plug, 22-16 AWG	TE/Deutsch	DTM06-12SD
	1	Locking wedge	TE/Deutsch	WM-12S
CJ	1	Ring terminal 1/4", 22-18 AWG	Molex	19057-0015
CK	5	Terminal, Female, 22-16 AWG	TE/Deutsch	1062-20-0222
CL	7	Cavity Plug Seal	TE/Deutsch	0413-204-2005
CM	4	Terminal, Female	Aptiv	12129414
CN	4	Seal	Aptiv	15324998

Fuse/Relay Box 2			X002
Position	Item	Description	
A	AF	60A FUSE	F001
B	AY	12V+ RELAY	K001
C	AH	50A FUSE	F002
D	K	GRID HEATER RELAY	K156
E	Y	KOHLER ECU PWR	K157
F	Y	STARTER RELAY	K155
G	BA	EGR SIGNAL	F003
H	BA	IGNITION SIGNAL	F004
J	BE	MCU POWER	F005
K	BB	WORK LIGHTS	F006
L	BD	WHEEL KIT	F007
M	BD	ACCESSORY OUTLET	F008
N	BD	FUEL COOLER	F009
P	AX	OIL COOLER FUSE	F010
Q	AZ	GRIP PWR FUSE	F011
R	Y	HYD OIL COOLER FAN	K053
S	Y	SPRAY PUMP RELAY	K173



Wire Chart																	
No.	Color	Size [AWG]	No.	Color	Size [AWG]	No.	Color	Size [AWG]	No.	Color	Size [AWG]	No.	Color	Size [AWG]	No.	Color	Size [AWG]
1	RED	6	33-TP5	YELLOW	18	65	RED	18	97	WHITE	20	129	ORANGE	16	161	PINK	20
2	GRAY	20	34	RED	12	66	PINK	18	98	RED	18	130	ORANGE	16	162	BLACK	20
3	WHITE	20	35	BLACK	10	67	RED	18	99	BLACK	18	131	ORANGE	16	163	BLACK	20
4	RED	20	36	BLACK	16	68	GREEN	18	100	RED	18	132	BLACK	16	164	BLACK	20
5	BLACK	20	37	RED	18	69	GRAY	12	101	RED	18	133	BLACK	16	165	WHITE	20
6	PINK	20	38	GRAY	20	70-TP1	GREEN	18	102	RED	18	134	BLACK	16	166	WHITE	20
7	GRAY	20	39	RED	12	71	BLACK	16	103	RED	18	135	BLACK	16	167	WHITE	20
8	RED	20	40	RED	8	72	PINK	18	104	RED	18	136	YELLOW	16	168	ORANGE	18
9	BLACK	20	41	RED	8	73-TP4	YELLOW	18	105	YELLOW	20	137	RED	14	169	RED	18
10	RED	20	42	WHITE	20	74-TP4	GREEN	18	106	ORANGE	20	138	YELLOW	16	170	GREEN	18
11	BLACK	20	43	RED	14	75	BLACK	16	107	YELLOW	20	139	RED	12	171	BLACK	18
12	BLACK	18	44	RED	14	76	WHITE	20	108	ORANGE	20	140	BLACK	16	172	RED	18
13	BLACK	18	45	BLACK	16	77	BLACK	16	109	BLACK	18	141	RED	18	173	RED	18
14	BLACK	18	46	RED	18	78	RED	18	110	BLACK	18	142	BLACK	16	174	BLACK	18
15	BLACK	18	47	BROWN	18	79	RED	16	111	BLACK	18	143	RED	16	176	WHITE	18
16	BLACK	18	48	BROWN	18	80	BLACK	20	112	BLACK	18	144	BLACK	18	177	ORANGE	18
17	BLACK	18	49	BLACK	18	81	RED	18	113	BLUE	18	145	RED	18	178	ORANGE	18
18	BLUE	18	50	BLACK	18	82	BLUE	18	114	GREEN	18	146	WHITE	18	179	RED	8
19	GREEN	18	51	RED	16	83	RED	18	115	WHITE	18	147	BLACK	18	180	RED	12
20	WHITE	18	52	RED	18	84	BLACK	20	116	PURPLE	18	148	RED	18	181	BLACK	18
21	YELLOW	18	53-TP6	GREEN	18	85	RED	18	117	BLACK	18	149	WHITE	18	182	GREEN	18
22	WHITE/BLACK	18	54	RED	16	86	RED	20	118	BLACK	18	150	GREEN	18	183	RED	20
23	YELLOW/BLACK	18	55	RED	12	87	RED	12	119	BLACK	18	152	BLUE	18	184	BLACK	20
24	RED	16	56	RED	12	88	BLACK	12	120	BLACK	18	154	BLACK	18	185	PINK	20
25	RED	16	57	RED	16	89-TP1	YELLOW	18	121	RED	16	155	BLACK	18	186	RED	18
26	RED	16	58	BLACK	12	90	BLACK	18	122	RED	18	156	BLACK	18	187	PINK	18
27	RED	18	59	PINK	16	91	BLUE	18	123	RED	16	157	GREEN	18	188	YELLOW	18
28	PINK	18	60-TP2	YELLOW	18	92	PINK	18	124	RED	14	158	PINK	20	189-TP7	YELLOW	18
29	PINK	20	61-TP2	GREEN	18	93	PINK	18	125	RED	12	159	BLACK	18	190-TP7	GREEN	18
30	GRAY	18	62	BLACK	20	94	PINK	20	126	ORANGE	14	160	PINK	20	191-TP8	YELLOW	18
31-TP6	YELLOW	18	63	YELLOW	18	95	PINK	20	127	WHITE	18						
32-TP5	GREEN	18	64	RED	18	96	BLACK	18	128	ORANGE	16						



Fuse/Relay Box 1			X001
Position	Item	Description	
A	BA	PWR SUPPLY SIGNAL	F012
B	AZ	GYRO MODULE	F013
C	BE	PWR RELAY (ENGINE)	F014
D	BD	STARTER COMMAND	F015
E	BF	KOHLER DIAGNOSTICS	F016
F	BC	PITCH PWR FUSE	F017
G	BD	SPRAY PUMP FUSE	F018
H	BA	MCU IGN PWR	F019
J	BA	SEAT SWITCH	F020
K		-	
L		-	
M		-	
N	Y	LEFT PITCH UP	K161
P	Y	LEFT PITCH DOWN	K162
Q	Y	RIGHT PITCH UP	K163
R	Y	RIGHT PITCH DOWN	K164

F	Formal revision due to the release of the schematics in Husqvarna format	MB	MB	2024-04-09
E.002	Items AX and K changed part number, some cables thickened and their terminals adjusted	MB	TE	2023-06-07
E	Correction of notes on ferrites	MB	TE	2023-10-16
Rev.	Description	Design	Check	Date

This drawing is our exclusive property and is to be returned on request. It must not in any form be used to the prejudice of our interests. ©

Design By	MB
Checked By	TE
Approved By	LL
Date	2023-06-20

Title  
Wire harness  
Main circuit  
CRT60-74LX

Function		Article No.		Rev.	
Location		599 07 81-01		F	

Items shown in this drawing must not contain substances classified as "banned" or "restricted" according to the Husqvarna Group Restricted Materials List (see www.purchase.husqvarna.com)

Printed 9 April