

Fuse/Relay Box							
Cavity	Item	Wire	Length (mm)	Cavity	Item	Wire	Length (mm)
1	D	-	25	C/Y	43 PK	350	
2	C/Y	38 RD	350	26	C/Y	45 RD	350
3	C/Y	39 RD	350	27	C/Y	56 BR	350
4	C/Y	29 RD	350	28	C/Y	57 RD	350
5	D	-	29	D	-	-	
6	C/Y	63 RD	350	30	D	-	
7	C/Y	21 PK	350	31	D	-	
8	C/Y	49 RD	350	32	D	-	
9	D/Y	-	33	C/Y	46 RD	350	
10	D/Y	-	34	C/Y	44 PK	350	
11	C/Y	63 RD	350	35	C/Y	58 RD	350
12	C/Y	55 RD	350	36	C/Y	23 PK	350
13	D/Y	-	37	C/Y	25 BU	350	
14	D/Y	-	38	C/Y	27 BK	350	
15	C/Y	59 RD	350	39	C/Y	54 BR	350
16	C/Y	52 RD	350	40	C/Y	55 RD	350
17	D	-	41	D	-	-	
18	D	-	42	D	-	-	
19	D	-	43	D	-	-	
20	D	-	44	D	-	-	
21	D	-	45	D	-	-	
22	D	-	46	C/Y	34 PK	350	
23	D	-	47	C/Y	48 RD	350	
24	D	-	48	C/Y	51 PK	350	

Layout view				
8	A	B	C	5
12				9
16	E	F	G	H
17				
24				21
28	(80)	(85)	(90)	(95)
32	J	(87)	N	(87)
36	(80)	(87)	(80)	(87)
40	(80)	(85)	(90)	(85)
44	L	(87)	M	(87)
48	(80)	(87)	(80)	(87)

Fuses/Relay Box		
Position	Item	Description
A	AF	Key 20A
B	AE	Light 15A
C	AC	Water pump
E	AE	Oil cooler
F	AC	PS power
G	AC	Spare 15A
H	AC	Spare 5A
J	AB	Auxiliary relay
L	AB	Oil cooler relay
M	AB	Op. presence relay
N	AB	Engine power relay

Insertion view	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48

SPICE No.6		
Item	Wire	Lgth
W	31 PK	Spliced to the end of the diode
W	34 PK	
W	44 PK	
W	45 RD	

SPICE No.2		
Item	Wire	Lgth
W	23 BU	450-A
W	25 BU	450-A

SPICE No.3		
Item	Wire	Lgth
W	26 BK	650-A
W	27 BK	28 BK

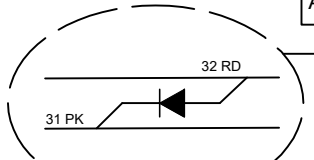
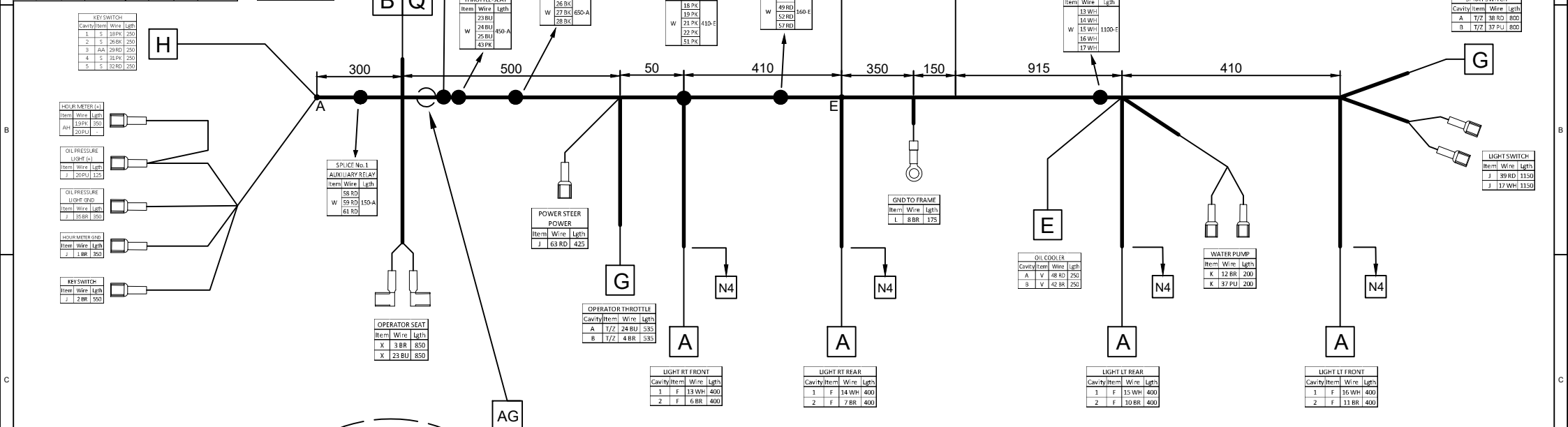
SPICE No.4		
Item	Wire	Lgth
W	18 PK	
W	19 PK	
W	21 PK	410-E
W	22 PK	
W	51 PK	

SPICE No.5		
Item	Wire	Lgth
W	40 RD	
W	45 RD	
W	52 BR	
W	57 RD	

SPICE No.7		
Item	Wire	Lgth
W	13 WH	
W	14 WH	
W	15 WH	1100-E
W	16 WH	
W	17 WH	

SPRAY SWITCH			
Cavity	Item	Wire	Lgth
A	T/2	38 RD	600
B	T/2	37 PU	600

LIGHT SWITCH			
Item	Wire	Lgth	
T	39 RD	1150	
T	17 WH	1150	



- NOTES:**
- HARNES IS DRAWN AND IS TO BE PRODUCED PER WN STO DEE-47 UNLESS OTHERWISE SPECIFIED
 - WIRE: PER SAE J1128 GXL. TXL ACCEPTABLE IF THIN CABLES REQUIRED, USE TXL WHERE NOTED
 - CHANGES DONE TO THIS HARNES MUST ALSO BE DONE TO THE SCHEMATIC 599 07 68-01
 - NO LOOM TAILS TO BE VISIBLE IN THESE AREAS. LOOM TO BE STARTED AT THESE POINTS IF POSSIBLE
 - ALL DIMENSIONS ARE IN MILLIMETERS
 - ITEM M TO BE PUNCHED TO $\frac{5}{16}$ "

COMMON GROUND	
Item	Wire
W	1 BR
W	2 BR
W	3 BR
W	4 BR
W	5 BR
W	6 BR
W	7 BR
W	8 BR
W	9 BR
W	10 BR
W	11 BR
W	12 BR
W	20 BR
W	42 BR
W	54 BR
W	56 BR

Connectors, Terminals, Fuses									
Item	Qty	Description	Manufacturer	Manufacturer No.	Item	Qty	Description	Manufacturer	Manufacturer No.
A	4	Plug	Deutscht/TE	DT06-25	Q	6	TPA	GEP	PDM-TT1
B	1	Fuse/Relay box	Deutscht/TE	W25	S	4	Terminal, Female	Delphi/Aptiv	29651542
C	30	Seal	GEP	PDM-T2AB1	T	4	Terminal, Male	Packard	12124582
D	18	Cavity plug	Delphi/Aptiv	15324982	V	2	Terminal, Female, 1/4", 18-14 AWG	TE	42100-2
E	1	Connector, housing	Weather Pak	12010300	W	7	Splice	-	-
F	8	Terminal, Female	TE	180907	X	2	Flag terminal, insul., 1/4", 16-14 AWG	TE	3-520132-2
G	2	Connector, Male, 2-way	TE/Deutscht	1062-16-0122	Y	30	Pin	Packard	12077411
H	1	Connector, Female, 2-way	Packard	12010973	Z	4	Cable seal	Packard	15324980
J	7	Terminal, Female, insul., 1/4", 16-14 AWG	Packard	2973422-B	AA	1	Terminal, Female	Delphi/Aptiv	2965143
K	2	Terminal, Male, insul., 1/4", 16-14 AWG	TE	3-350819-2	AB	3	Relay, micro, 12V	Song Chuan	301-1C-C-R1 U01
L	1	Ring terminal, 3/8", 12-10 AWG	TE	3-520106-2	AC	3	Fuse, MINI, 5A	Littelfuse	0297005
M	1	Ring terminal, 5/16", 12 AWG (See Note 6)	Delphi/Aptiv	12004437	AE	3	Fuse, MINI, 15A	Littelfuse	0297015
N	5	Pin	Delphi/Aptiv	12004437	AF	1	Fuse, MINI, 20A	Littelfuse	0297020
P	1	Receptacle	TE/Deutscht	0406-202-16141	AG	1	Diode	Vishay	P600M
	1	Locking wedge	TE/Deutscht	DT04-6P	AH	1	Terminal, Female, insulated, 1/4", 12 AWG	TE	4-520447-2

Wire chart					
No.	Color	Size [AWG]	No.	Color	[AWG]
1	BROWN	16	28	BLACK	16
2	BROWN	16	29	RED	12
3	BROWN	16	31	PINK	18
4	BROWN	16	32	RED	14
5	BROWN	16	34	PINK	16
6	BROWN	16	35	BROWN	16
7	BROWN	16	37	PURPLE	16
8	BROWN	12	38	RED	16
9	BROWN	16	39	RED	16
10	BROWN	16	40	RED	12
11	BROWN	16	42	BROWN	16
12	BROWN	16	43	PINK	16
13	WHITE	16	44	PINK	16
14	WHITE	16	45	RED	16
15	WHITE	16	46	RED	16
16	WHITE	16	48	RED	16
17	WHITE	16	49	RED	12
18	PINK	16	51	PINK	16
19	PINK	18	52	RED	16
20	PURPLE	16	54	BROWN	16
21	PURPLE	16	55	RED	16
22	PINK	16	56	BROWN	16
23	BLUE	16	57	RED	16
24	BLUE	16	58	RED	16
25	BLUE	16	59	RED	16
26	BLACK	16	61	RED	16
27	BLACK	16	63	RED	16

Rev.	Description	Design	Check	Date
A	Drawing created	JMF	WN	2013-12-11
B	Redrawn to current format	MB	TE	2021-06-15
C	Cable 40 to AWG 12; Engine PWR Relay added, with cables: 43, 44, 45, 46	MB	TE	2022-01-03

Husqvarna

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Design By MB
Checked By TG
Approved By TG
Date 2022-01-03

Title
Wire harness
Main circuit
CRT48-37V

37V - Copy.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)

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Rev. C