



GROUND		
Item	Wire	Lgth
L	35 BK	1250

SYSTEM PWR		
Item	Wire	Lgth
K	29 RD	500

Wire Chart					
No.	Color	Size [AWG]	No.	Color	[AWG]
1	BLUE	20	20	WHITE	18
2	GRAY	20	21	YELLOW	18
3	WHITE	20	22	WHITE/BLACK	18
4	RED	20	23	YELLOW/BLACK	18
5	BLACK	20	24	RED	16
6	BLUE	20	25	RED	16
7	GRAY	20	26	RED	16
8	RED	20	27	WHITE	16
9	BLACK	20	28	PURPLE	16
10	RED	20	29	RED	16
11	BLACK	20	30	RED	16
12	BLACK	18	31	BLACK	16
13	BLACK	18	32	BLUE	16
14	BLACK	18	33	WHITE	16
15	BLACK	18	35	BLACK	12
16	BLACK	18	36	BLACK	16
17	BLACK	18	37	RED	18
18	BLUE	18	38	GRAY	18
19	GREEN	18			

STEERING CONTROLLER A			
Cavity	Item	Wire	Lgth
1	N	36 BK	100
2	N	26 RD	100
3	N	33 WH	100
4	N	32 BU	100
5	V	-	-
6	V	-	-
7	N	38 GR	100
8	N	10 RD	100
9	N	11 BK	100
10	N	2 GR	100
11	N	3 WH	100
12	N	7 GR	100

COMPUTER PLUG			
Cavity	Item	Wire	Lgth
A	J	33 WH	90
B	J	32 BU	90
C	U	-	-

SPLICE No. 3			
Item	Wire	Lgth	
5	BK		
9	BK		
11	BK		
12	BK		
13	BK		
14	BK		
15	BK		
16	BK		
17	BK		
31	BK		
35	BK		
36	BK		

SPLICE No. 2			
Item	Wire	Lgth	
4	RD		
8	RD		50-C
10	RD		

SPLICE No. 1			
Item	Wire	Lgth	
24	RD		
25	RD		
26	RD		25-A
37	RD		
29	RD		

STEERING CONTROLLER B			
Cavity	Item	Wire	Lgth
1	N	1 BU	100
2	N	6 BU	100
3	N	30 RD	100
4	V	-	-
5	N	19 GN	100
6	N	18 BU	100
7	N	21 YL	100
8	N	20 WH	100
9	N	23 YL/BK	100
10	N	22 WH/BK	100
11	N	24 RD	100
12	N	25 RD	100

WATER RELAY			
Cavity	Item	Wire	Lgth
(85)	Q	31 BK	125
(86)	Q	30 RD	125
(30)	Q	28 PU	125
(87a)	-	-	-
(87)	Q	27 WH	125

JOYSTICK RIGHT			
Cavity	Item	Wire	Lgth
1	N	5 BK	1100
2	N	4 RD	1100
3	N	3 WH	1100
4	N	2 GR	1100
5	N	1 BU	1100
6	V	-	-

STEERING SELECT SWITCH			
Item	Wire	Lgth	
S	37 RD	225	
S	38 GR	225	

JOYSTICK LEFT			
Cavity	Item	Wire	Lgth
1	N	9 BK	1600
2	N	8 RD	1600
3	V	-	-
4	N	7 GR	1600
5	N	6 BU	1600
6	V	-	-

WATER PUMP			
Cavity	Item	Wire	Lgth
A	R	28 PU	100
B	R	27 WH	100

1A			
Item	Wire	Lgth	
O	22 WH/BK	100	
O	12 BK	100	

1B			
Item	Wire	Lgth	
O	23 YL/BK	100	
O	13 BK	100	

2A			
Item	Wire	Lgth	
O	18 BU	100	
O	14 BK	100	

2B			
Item	Wire	Lgth	
O	19 GN	100	
O	15 BK	100	

3A			
Item	Wire	Lgth	
O	20 WH	100	
O	16 BK	100	

3B			
Item	Wire	Lgth	
O	21 YL	100	
O	17 BK	100	

- NOTES:**
1. ALL WIRE TO BE SXL RATED UNLESS SPECIFIED
 2. GXL WIRE RATING ACCEPTABLE WHERE SHOWN.
 3. HARNESS TO BE SUPPLIED WITH ABRASION RESISTANT WOVEN YARN ENGINEERED YARNS CO. P/N VN-4000S OR EQUIVALENT. COLOR: BLACK, UV RESISTANT. MINIMUM TEMP. REQUIREMENT 100°C
 4. PROVIDE LABEL ON EACH WIRE PAIR TO DESIGNATE "1A", "1B", "2A", "2B", "3A", AND "3B".
 5. ORANGE LEAD FROM MINI FUSE HOLDER (H).
 6. CHANGES DONE TO THIS HARNESS MUST ALSO BE DONE TO THE SCHEMATICS 599 05 04-01
 7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

Connectors, Terminals, Fuses				
Item	Qty	Description	Manufacturer	Manufacturer P/N
A	1	PLUG	DEUTSCH/TE	DTM06-12S-A PLUG
A	1	LOCKING WEDGE	DEUTSCH/TE	WM 12S WEDGE
B	1	PLUG	DEUTSCH/TE	DTM06-12S-B PLUG
B	1	LOCKING WEDGE	DEUTSCH/TE	WM 12S WEDGE
C	1	SEAL	DELPHI/APTIV	15324982
C	1	WEATHER-PAK, TOWER HALF	DELPHI/APTIV	12015792
D	6	PLUG	DEUTSCH/TE	DT06-25-P012 PLUG
D	6	LOCKING WEDGE	DEUTSCH/TE	W2S-P012 WEDGELOCK
E	1	RELAY, 12VDC, SPDT (NO)	SONG CHUAN	896H-1AH-S1-001
F	2	PLUG	DEUTSCH/TE	DTM06-6S
F	2	LOCKING WEDGE	DEUTSCH/TE	WM-6S WEDGE
G	1	PLUG	DEUTSCH/TE	DT06-3S-P012
G	1	LOCKING WEDGE	DEUTSCH/TE	W3S-P012
H	1	MINI FUSE HOLDER W/COVER	LITTELFUSE	0FHM0002XJ
I	1	MINI BLADE FUSE, 10A, AWG12	LITTELFUSE	297010
J	2	DT CONTACT-SOCKET, AWG 18-14	DEUTSCH/TE	1062-14-0122
K	1	MALE DISCON. FULLY INS 1/4", AWG 12-10	TE	4-521097-2
L	1	RING TERMINAL 3/8", AWG12	DELPHI/APTIV	12004437
M	3	CRIMP SPLICE OR WELD SPLICE	-	-
N	30	DTM CONTACT-SOCKET-STAMPED	DEUTSCH/TE	1062-20-0122
O	12	DT CONTACT-SOCKET AWG 18-14	DEUTSCH/TE	1062-16-0122
P	1	RELAY CONNECTOR	BOSCH	3334485007
Q	4	TERMINAL, FEMALE	TE	42100-2
R	2	TERMINAL, FEMALE	DELPHI/APTIV	12124580-L
S	2	FEMALE TERMINAL, FULLY INS. 1/4"	TE	2-520405-2
T	1	PLUG	DEUTSCH/TE	DT04-3P-E004
T	1	LOCKING WEDGE	DEUTSCH/TE	W3P
U	4	SEALING PLUG, DT	DEUTSCH/TE	114017
V	6	SEALING PLUG, DTM	DEUTSCH/TE	0413-204-2005

A	Drawing created, by WN	JD	WN	2009-04-02
B	Redrawn to current format	MB	TE	2022-06-10
Rev.	Description	Design	Check	Date

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Design By MB
Checked By TE
Approved By TG
Date 2022-06-10

Title
Wiring Harness Drawing
Power Steer Circuit
CRT PS

PSHarnesdwg.dwg	Printed 29 June 2022 at 00:30
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)	Sheet No 1 Of 1
Function	Article No. 599 05 04-01
Location	Rev. B