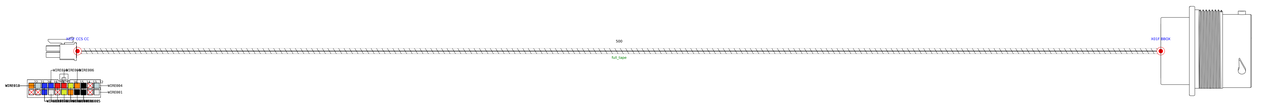

X03P CCS CC

Ext.	Wire	Colour	Gauge	Signal
1	WIRE0101	Red	0.5	5V_PRESENT
2				
3	WIRE0102	Black	0.5	GND
4	WIRE0103	Black	0.5	GND
5	WIRE0104	Yellow	0.5	IGN_WAKE
6	WIRE0105	Yellow	0.5	CHARGE_WAKE
7				
8	WIRE0106	Red	0.5	CAN1_L
9	WIRE0107	Blue	0.5	CAN1_H
10				
11				
12	WIRE0004	Red	0.5	HVIL_OUT
13				
14	WIRE0005	Black	0.5	GND
15	WIRE0006	Yellow	0.5	PDO_FB
16	WIRE0007	Red	0.5	BATTERY_POSITIVE_SW
17	WIRE0008	Red	0.5	CCV_CC
18	WIRE0009	Red	0.5	CCP_CC
19	WIRE0010	Blue	0.5	SW
20	WIRE0011	Blue	0.5	SW
21	WIRE0012	Red	0.5	HVIL_IN
22	WIRE0013	Red	0.5	STOP_SW

X3015-2200

X02P BMCM

Ext.	Wire	Colour	Gauge	Signal
1	WIRE0101_WIRE	Red	0.5	5V_PRESENT
2				
3	WIRE0102	Black	0.5	GND
4	WIRE0103	Black	0.5	GND
5	WIRE0104	Yellow	0.5	IGN_WAKE
6	WIRE0105	Yellow	0.5	CHARGE_WAKE
7				
8	WIRE0106	Red	0.5	CAN1_L
9	WIRE0107	Blue	0.5	CAN1_H
10				
11				
12	WIRE0004	Red	0.5	HVIL_OUT
13				
14	WIRE0005	Black	0.5	GND
15	WIRE0006	Yellow	0.5	PDO_FB
16	WIRE0007	Red	0.5	BATTERY_POSITIVE_SW
17	WIRE0008	Red	0.5	CCV_CC
18	WIRE0009	Red	0.5	CCP_CC
19	WIRE0010	Blue	0.5	SW
20	WIRE0011	Blue	0.5	SW
21	WIRE0012	Red	0.5	HVIL_IN
22	WIRE0013	Red	0.5	STOP_SW

HSP24-10-115V

X-001

Ext.	Wire	Colour	Gauge
1	WIRE0015	Red	
2	WIRE0016	Black	

X02P HV BATTERY VOLTAGE

Ext.	Wire	Colour	Gauge	Signal
1	WIRE0015	Red		BATT_POS
2				
3				
4				
5				
6				
7				
8	WIRE0016	Black		BATT_NEG

1743282-1

X-002

Ext.	Wire	Colour	Gauge
1	WIRE0017	Red	
2	WIRE0018	Black	

X03P CCS CONTACTOR VOLTAGE

Ext.	Wire	Colour	Gauge	Signal
1	WIRE0017	Red		CCS_POS
2				
3				
4				
5				
6				
7				
8	WIRE0018	Black		CCS_NEG

1743282-2

X-003

Ext.	Wire	Colour	Gauge
1	WIRE0019	Black	
2	WIRE0020	Black	
3	WIRE0021	Black	
4	WIRE0022	Black	
5	WIRE0023	Black	
6	WIRE0024	Red	
7	WIRE0025	Red	
8	WIRE0026	Red	

X04P CCS CONTROL CONTACTORS

Ext.	Wire	Colour	Gauge	Signal
1	WIRE0019	Black		GND
2	WIRE0020	Black		GND
3	WIRE0021	Black		GND
4	WIRE0022	Black		GND
5	WIRE0023	Black		GND
6	WIRE0024	Red		CCV_CC
7	WIRE0025	Red		BATTERY_NEG
8	WIRE0026	Red		BATTERY_POS
9	WIRE0027	Red		CCS_NEG
10	WIRE0028	Red		CCS_POS
11	WIRE0029	Red		BATTERY_POS

X3015-2200

ALL - BILL OF MATERIALS

S.No.	Quantity	Length (mm)	Part No.	Part Type	Description	Supplier Name	Supplier Part No.	Location
1	5		X3015-2200	Connector	PLUG_2WAY_MICRO-DT 5.0_BK LOLLY_FEM TERMS	MOLEX	X3015-2200	[38:1]
2	5		1743282-1 (DB)	Connector	PLUG_6WAY_MCP_HV_BK_LOLLY_FEM TERMS	TE/AMP	1743282-1 (DB)	[38:1]
3	5		X3015-2200	Connector	PLUG_2WAY_MICRO-DT 5.0_BK LOLLY_FEM TERMS	MOLEX	X3015-2200	[38:1]
4	5		1743282-2	Connector	PLUG_8WAY_MCP_MCON_BK_LOLLY_FEM TERMS	TE/AMP	1743282-2	[34:1]
5	5			Connector	PLUG_12WAY_MCP_MCON_BK_LOLLY_FEM TERMS	TE/AMP		[27:1]
6	5		X3015-2200	Connector	PLUG_2WAY_MICRO-DT 5.0_BK LOLLY_FEM TERMS	MOLEX	X3015-2200	[27:1]
7	18		1962-20-0177	Terminal	FEM TERM 2SAMHSI SIZE 20_0.5-1.5mm2	TE/UTICA	1962-20-0177	[98:1]
8	27		43630-0351	Terminal	FEM TERM_MICRO-CT 0.5_0.35-0.56mm2	MOLEX	43630-0351	[26:1],[98:1]
9	27		1962-20-0177	Terminal	FEM TERM 2SAMHSI SIZE 20_0.5-1.5mm2	TE/UTICA	1962-20-0177	[26:1],[98:1]
10	4		0413-204-2005	Other Part	BLIND SEAL_SIZE 16_1.5mm_RED	TE/UTICA	0413-204-2005	[98:1]
11		1000	5006_BL_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_BL_0.5_FLRY	
12		1000	5006_GR_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_GR_0.5_FLRY	
13		10000		Wire		Manual		
14		1500	5006_BL_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_BL_0.5_FLRY	
15		1500	5006_GR_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_GR_0.5_FLRY	
16		1000	5006_OF_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_OF_0.5_FLRY	
17		1000	5006_WH_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_WH_0.5_FLRY	
18		1000	5006_YE_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_YE_0.5_FLRY	
19		1500	5006_OF_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_OF_0.5_FLRY	
20		1500	5006_WH_0.5_FLRY	Wire	FLRY-B_0.5mm2_100-C	DYNO_EV	5006_WH_0.5_FLRY	