

Wiring Schematics - McLaren Speedtail

Aftersales

Responsible Department:

Vehicle Documentation

When to use this document:

Vehicle diagnosis

Who can help:

For any assistance please contact technical support@mclaren.com

Version Control:

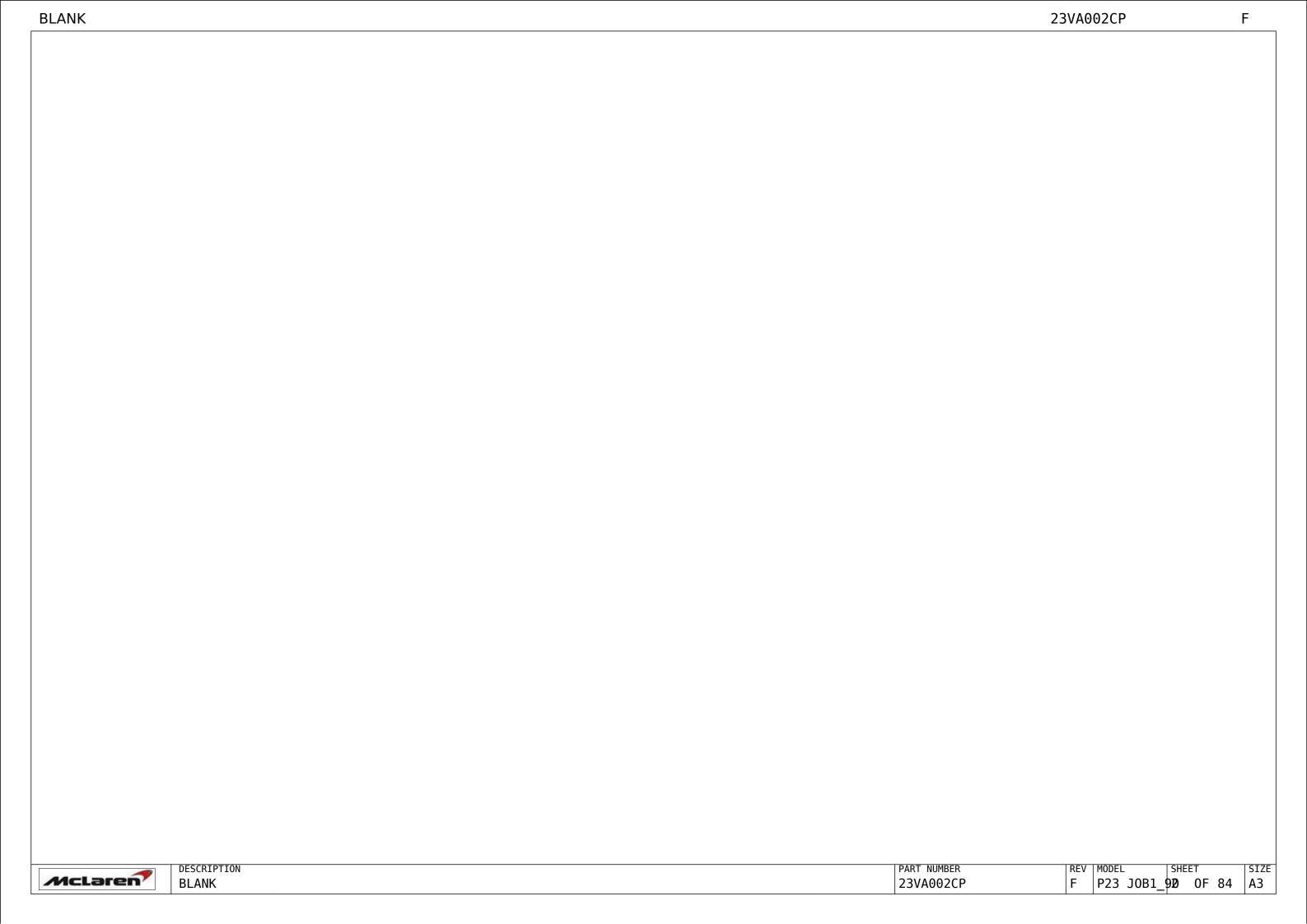
Revision	Date	Reason for revision
1.0	18.12.19	Initial version



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	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37	01 FUEL DELIVERY SYSTEM 02 GS GROUND PLATE S1 03 GS GROUND PLATE S1 04 BLANK 05 GS FRONT STOWAGE S1 06 GS FRONT STOWAGE S2 07 GS GROUND STRAPS 08 GS REAR LEFT FENDERS S1 09 GS REAR LEFT FENDERS S2 10 GS REAR LEFT FENDERS 11 HVAC CONTROLLER 12 INTERIOR ILLUM & DBE 13 KEYLESS GO SYSTEM 14 LIN BUS 15 MRM CLOCKSPRING 16 OBD2 DIAGNOSTICS 17 ORC:0-ORC 18 PARKING DISTANCE CONTROLLER (PDC) 19 PD BATTERY FUSE BOX 20 PD ELECTRIC CITY BOX - F1 to F8 21 PD ELECTRIC CITY BOX - F9 to F17 22 PD ELECTRIC CITY BOX - F27 to F35 24 PD ELECTRIC CITY BOX - F36 to F40 25 PD ELECTRIC CITY BOX - F36 to F40 26 PD FACIA BOX 27 PD KL15 28 PD KL15C 29 FRONT ACTIVE AERO & KDAMPER 30 SCUG 31 MTR FAN 32 SECURITY LOCKING & LATCHES 33 SW ILLUMINATION 34 TCU S1 35 TCU S2 36 TPMS 37 WASH WIPE 38 BLANK 39 BLANK	01	01

				ALL DIMENSIONS	5 DRAWN BY	DRAWN	DATE		
				ARE IN MILLIMETERS UNLESS	D.CAFFREY	2020	2020-03-26		
				OTHERWISE	APPROVED BY	SCALE	STATUS	REFERENCE DOCUMENT	
				SPECIFIED.	JAMES MAHONEY	NTS	G6	15VA002CP.01	
MB - ER 38972 MB - ER 38972	F UP TO HCR23-0172 + correction in Keyless ant BC in/out A & C reversed JOB1+90 UP TO HCR23-0172	DAN	10JUL20 11MAY20	THIS DRAWING IS IN COMPLIANCE WITH MCLAREN SCHEMATIC STANDARD	DESCRIPTION				
	JUBI-199 UP TO HICK23-0172 ADMIN ERS UP TO HICK23-0170	DAN DAN NANDHA	11MAY20 11MAY20 1MAR20	THE INFORMATION CONTAINED IN THIS	P23 SCHEMATIC	DRAWIN	G		
MB - ER 35051	ADMIN ER1 UP TO HCR23-0157	NANDHA	1FEB20	DOCUMENT IS CONFIDENTIAL AND IS			_		
MB (REF) 32125 MB (REF) 24748		NANDHA NANDHA	7AUG19 24JUN19	OWNED BY MCLAREN. ANY UNAUTHORIZED	PART NUMBER	RE	V MODEL	SHEET S1	
MB (REF) 7455 FCN	VP UP TO HCR23-0080 REV REVISION CHANGES	MODIFIED BY	26APR19	USE OF THIS DOCUMENT IS PROHIBITED.	23VA002CP	F	P23	1 OF 84 A	



INLINES

CODE	FROM	ТО
IENEI1	ENGINE INJECTOR LINK	ENGINE
IENEI2	ENGINE INJECTOR LINK R	ENGINE
IENIT	INTAKE MANIFOLD	ENGINE
IENVL	ENGINE VEE LH	ENGINE
IENVR	ENGINE VEE RH	ENGINE
IFCSC1	STEERING COLUMN	FACIA
IFCSC2	STEERING COLUMN	FACIA
IMB225	CAMERA FLY-LEAD	MAINBODY
IMB270	CAMERA FLY-LEAD	MAINBODY
IMBCL1	CHMSL LATCH	MAINBODY
IMBDL1	DOOR LH	MAINBODY
IMBDL3	DOOR LH	MAINBODY
IMBDLC2	DOOR LH	MAINBODY
IMBDR1	DOOR RH	MAINBODY
IMBDR3	DOOR RH	MAINBODY
IMBDRC2	DOOR RH	MAINBODY
IMBDS1	SEAT INLINE	MAINBODY
IMBDU	HVAC DIST UNIT	MAINBODY
IMBEC1	EC GLASS	MAINBODY
IMBEN1	ENGINE	MAINBODY
IMBEN2	ENGINE	MAINBODY
IMBFB1	FRONT BUMPER	MAINBODY
IMBFC1	FACIA	MAINBODY
IMBFC2	FACIA	MAINBODY
IMBFC3	FACIA	MAINBODY
IMBFC5	FACIA	MAINBODY
IMBFC7	FACIA	MAINBODY
IMBFC8	FACIA	MAINBODY
IMBFC9	FACIA	MAINBODY
IMBFC10	FACIA	MAINBODY
IMBHB	HVAC BLOWER	MAINBODY
IMBHFL	HUB FL	MAINBODY
IMBHFR	HUB FR	MAINBODY
IMBIU	HVAC INLET UNIT	MAINBODY
IMBPS1	SEAT INLINE-PASS	MAINBODY
IMBPS2	SEAT INLINE-PASS	MAINBODY
IMBPS3	SEAT INLINE-PASS	MAINBODY
IMBPS4	SEAT INLINE-PASS	MAINBODY
IMBRB1	REAR BUMPER	MAINBODY
IMBRF4	R00F	MAINBODY
IMBTR2	TRANSMISSION	MAINBODY
IMBTR	TRANSMISSION	MAINBODY
ITRTA1	TRANS AUX PLATE	MAINBODY
ITRTC	TRANS CLUTCH	MAINBODY
ITRTS1	TRANS SYNCHRO	MAINBODY
	1	1

CODE	COLOUR
BR	BROWN
G	GREEN
L	BLUE
LG	LIGHT GREEN
0	ORANGE
Р	PINK
R	RED
SB	SKY BLUE
V	VIOLET
W	WHITE
Υ	YELLOW
BK	BLACK
GY	GREY
С	CREAM
BE	BEIGE

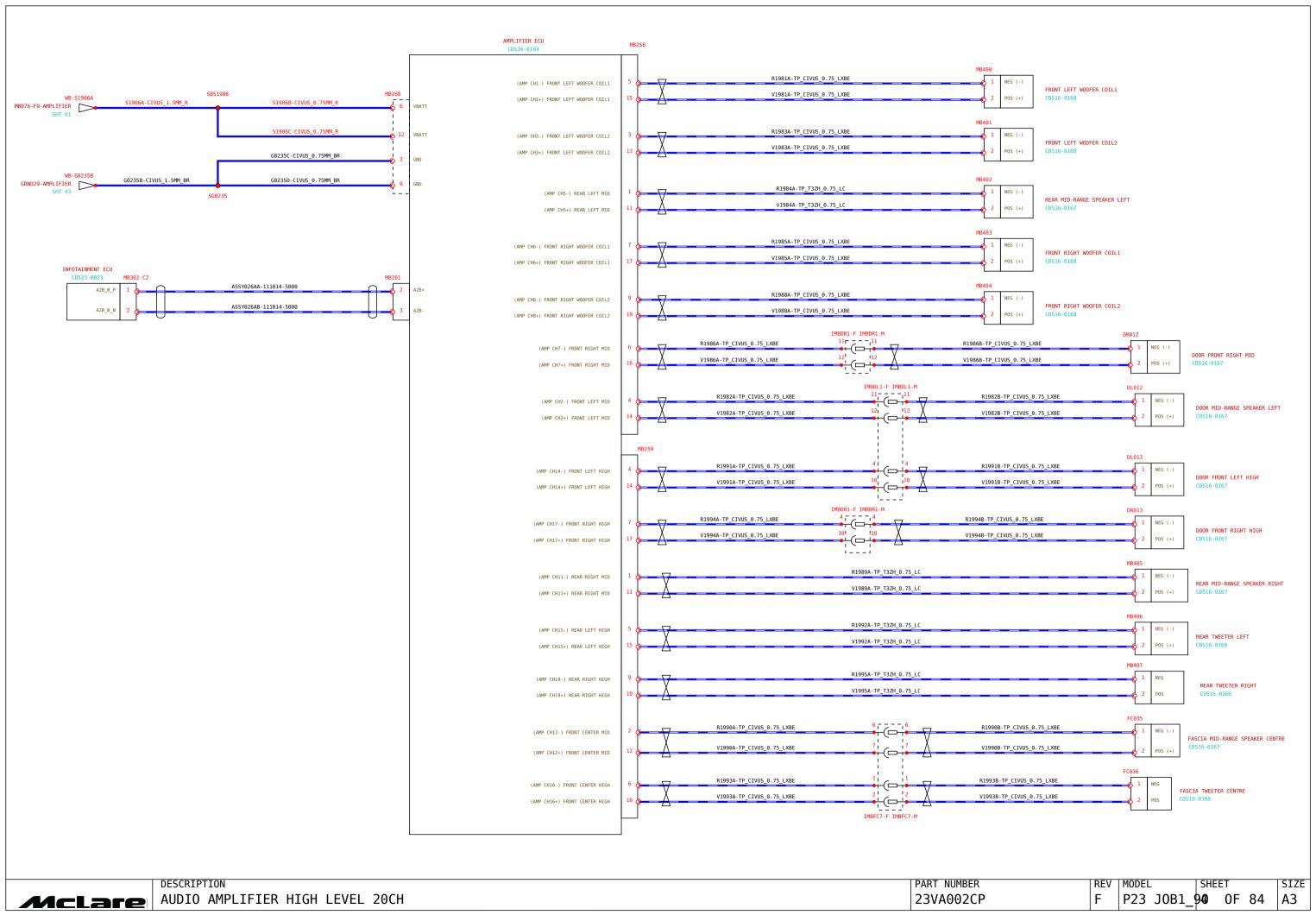
RELAYS F	INS CONVERSION		
CHS	HCAD / CAE		
X1	1		
X2	2		
Α	3		
В	5		

WIRE COLOUR NAMING CONVENTION

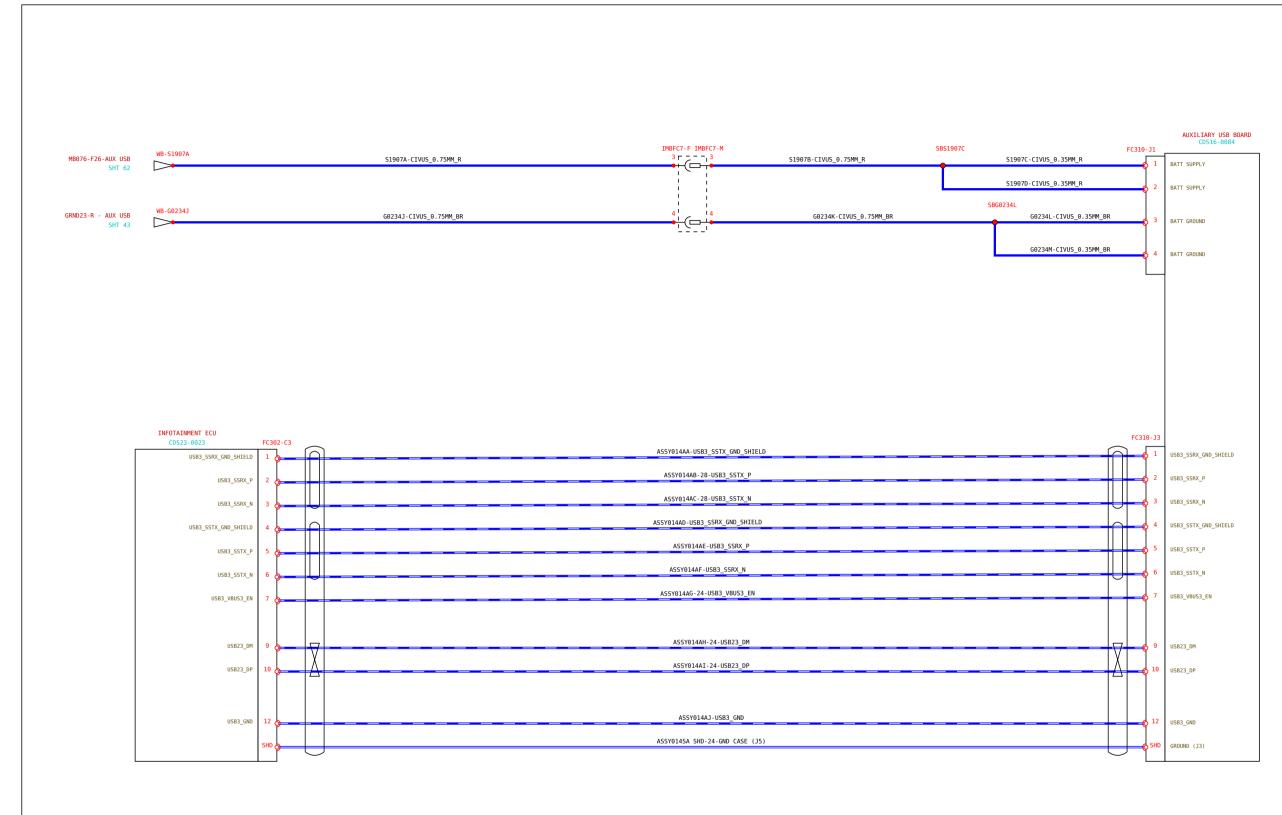
WIRE COLOUR NAMING CONVENTION

WHEN USED?	WIRE CODE PREFIX	WIRE NAMING CONVENTION	COLOUR	COLOUR CODES	COLOUR	SPECIALS	EXCEPTIONS.
VP	I	KL15-SWITCHED (+) DOWNSTRAM OF BATTERY (OUTPUT OF IGNITION/DRIVING SWITCH)	GREEN	G			
VP	S	KL30-INPUT FROM BATTERY POSITIVE (DIRECT)	RED	R			
VP	A	KL15C-SWITCHED (+) DOWNSTREAM OF BATTERY (OUTPUT OF IGNITION/DRIVING SWITCH)	GREEN/ YELLOW	G/Y			
VP	G	KL31-RETURN FROM BATTERY NEGATIVE OR GROUND (DIRECT)	BROWN	BR			
VP	К	KL58-SWITCH ILLUMINATION	LIGHT GREEN	LG			
VP	Е	KL87-INPUT FEED FOR SWITCHING RELAYS	VIOLET	V			
VP	L	LOW SIGNAL LINE OR 5V OR SIMILAR	WHITE	W			
VP	V	12V SUPPLY OR LIN	BEIGE	BE			FLRY & CIVUS
VP	٧	12V SUPPLY OR LIN	CREAM	С			T3ZH SPEC
VP	٧	12V SUPPLY OR LIN	GRAY	GY			ACW 0219 SPEC
VP	R	12 RETURN SUPPLY	BLUE	L			
VP	PH	POWERTRAIN CAN HI	WHITE	W	TWISTED		
VP	PL	POWERTRAIN CAN LO	BLUE	L		PAIR	
VP	ВН	BODY CAN HI	YELL0W	Y		TWISTED	
VP	BL	BODY CAN LO	PINK	Р		PAIR	
VP	TH	TRANSMISSION CAN HI	WHITE	W		TWISTED	
VP	TL	TRANSMISSION CAN LO	BLUE	L		PAIR	
VP	ICH	INFOTAINMENT CONTROL DATA CAN HI	BLUE	L		TWISTED	
VP	ICL	INFOTAINMENT CONTROL DATA CAN LO	BEIGE	BE		PAIR	
VP	IAH	INFOTAINMENT AMPLIFIER CAN HI	BLUE	L	TWISTED		
VP	IAL	INFOTAINMENT AMPLIFIER CAN LO	BEIGE	BE		PAIR	
VP	IVH	INFOTAINMENT VEHICLE CAN BUS HI	BLUE	L		TWISTED	
VP	IVL	INFOTAINMENT VEHICLE CAN BUS LO	BEIGE	BE		PAIR	
VP	F	FET DRIVEN SUPPLY	YELL0W	Y			
VP	F	EXTERIOR LIGHTING FET DRIVEN SUPPLY	GRAY	GY			

AUDIO AMPLIFIER HIGH LEVEL 20CH 23VA002CP



AUXILIARY USB BOARD 23VA002CP F

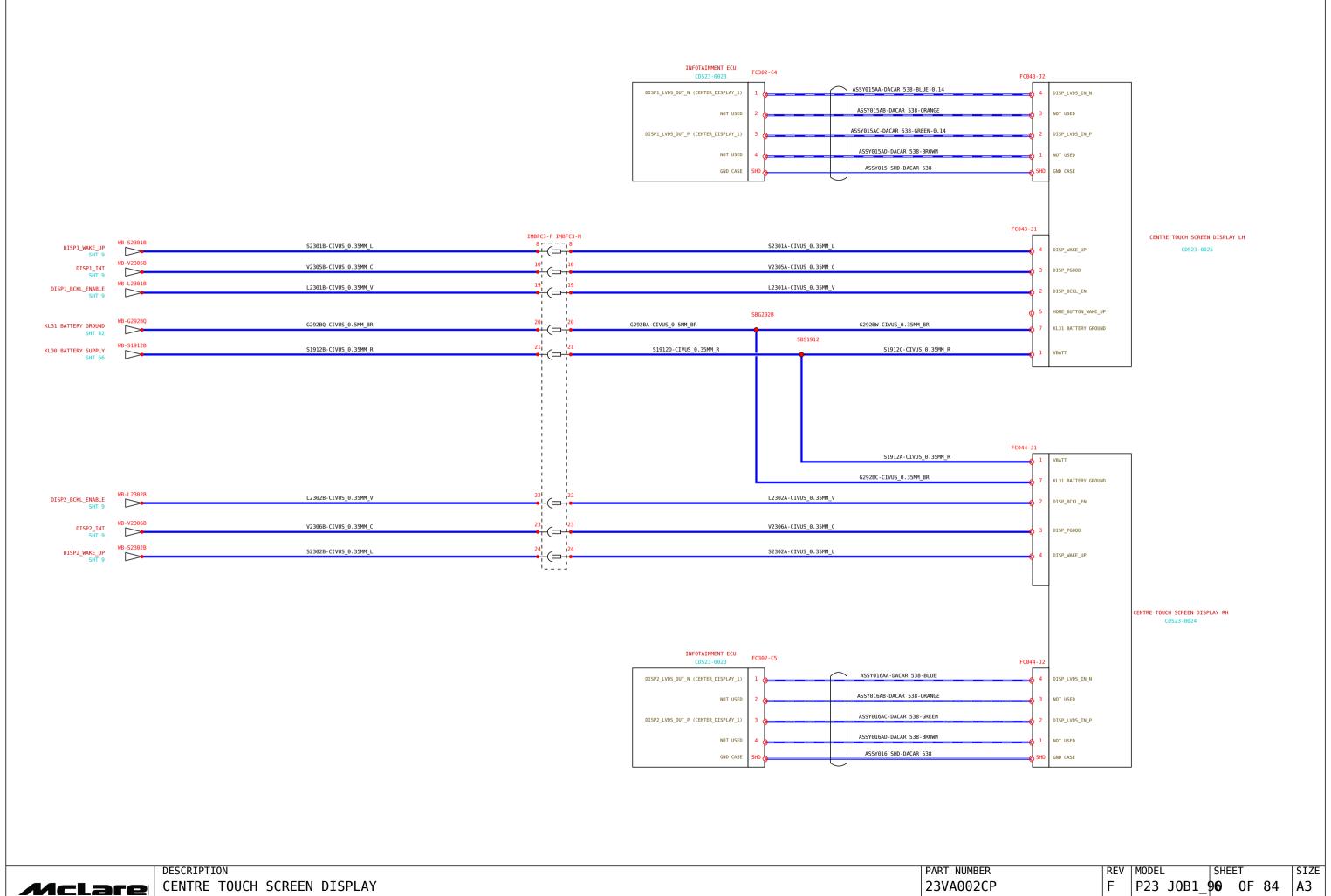


REV MODEL F P23 J DESCRIPTION PART NUMBER SHEET MCLAFE AUXILIARY USB BOARD P23 J0B1_9**5** 0F 84 23VA002CP

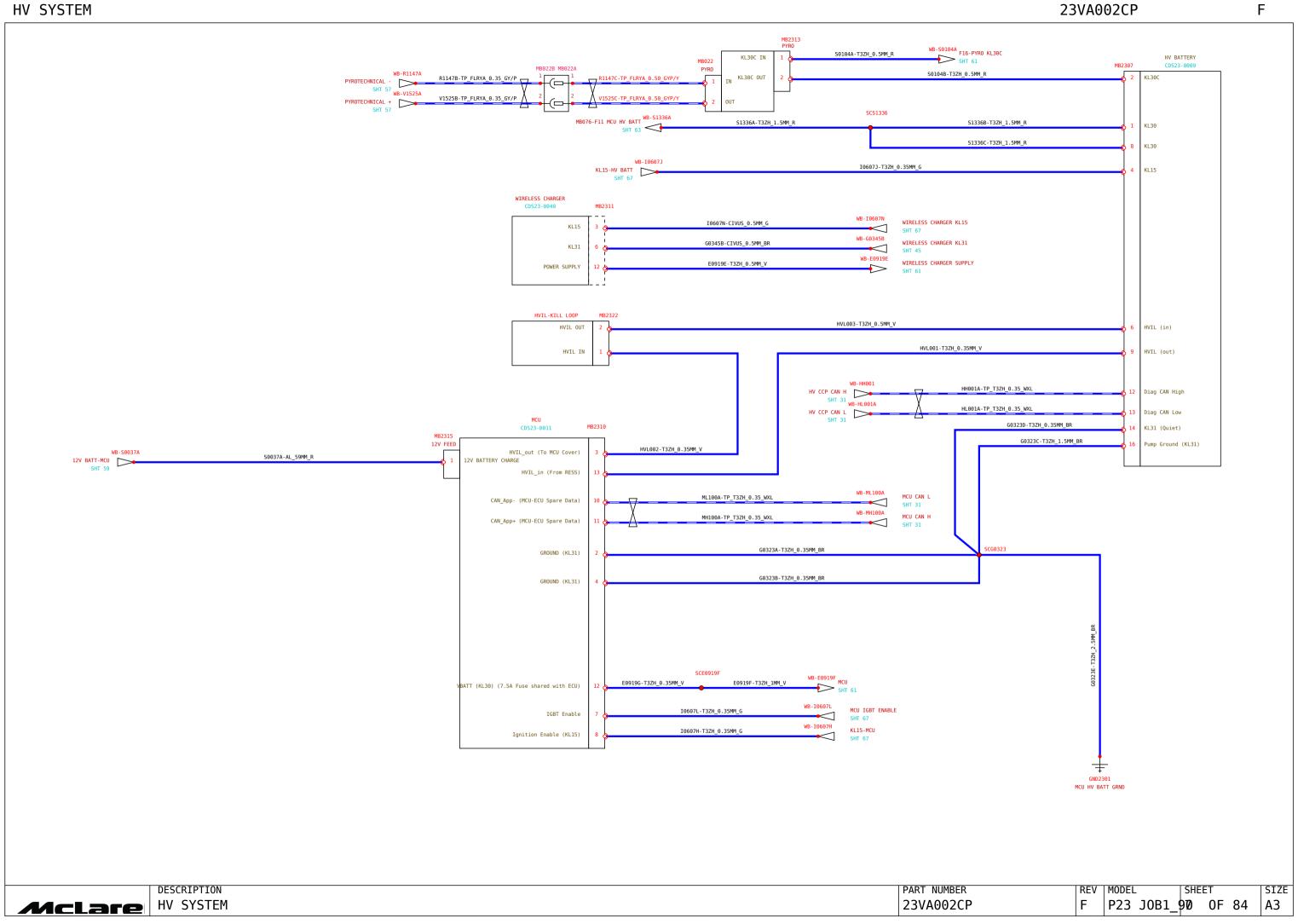
SIZE

А3

CENTRE TOUCH SCREEN DISPLAY 23VA002CP F

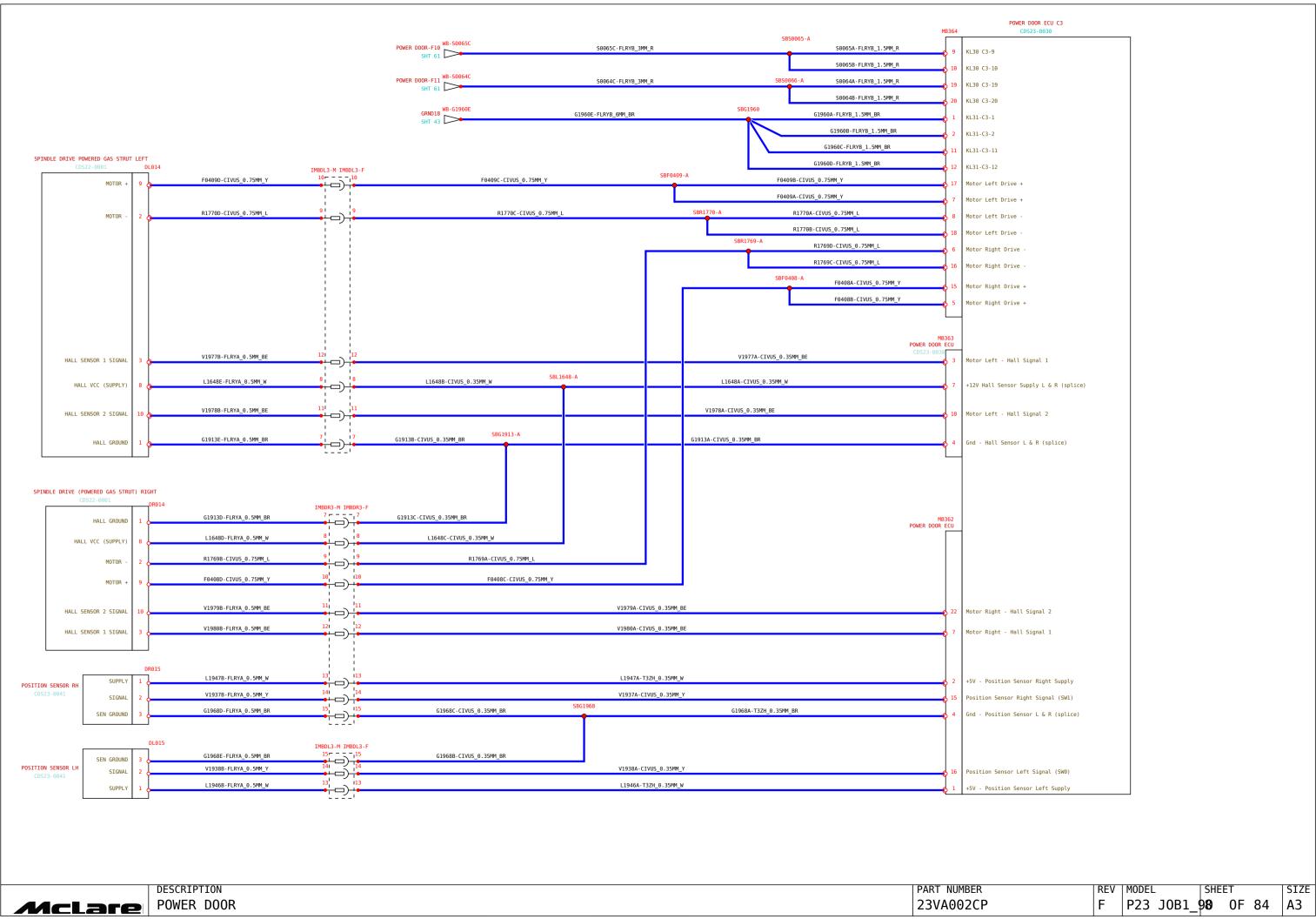


23VA002CP



POWER DOOR 23VA002CP

F



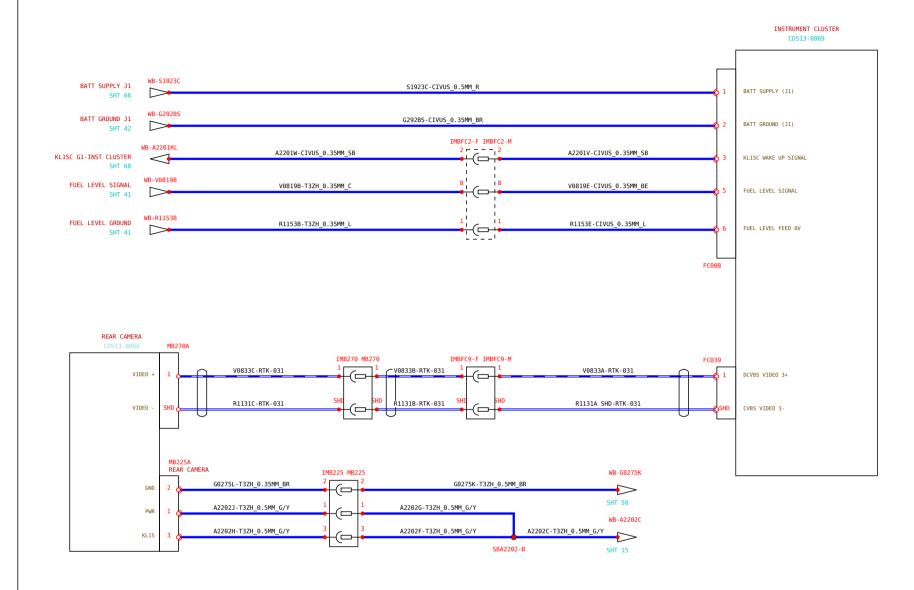
INFOTAINMENT ECU 23VA002CP F INFOTAINMENT ECU MB302-C12A IMBFC7-F IMBFC7-M 12----₁12 V1933C-CIVUS 0.35MM BE V1934I-CIVUS 0.35MM BE V1934G-CIVUS_0.35MM_BE ADI LIN HOME LH DISPLAY V1934A-CTVUS A 35MM RE V1933D-CTVIIS 0 35MM RE V1933A-CTVIIS A 35MM RE LIN_12V 11, G1912C-CIVUS_0.35MM_BR G1912D-CIVUS_0.35MM_BR G1912A-CIVUS 0.35MM BR GROUND LIN V1933B-CIVUS_0.35MM_BE HOME RH DISPLAY CDS23-0024 V1934H-CIVUS_0.35MM_BE ADI LIN MB302-C12B INFOTAINMENT ECU WB-S1905B WB-S1905B F21 INFO ECU SHT 66 S1905B-CIVUS_0.35MM_R ASSY010AA-RTK-031-0.35 GNSS_SIGNAL_IN ASSY010 SHD-RTK-031 WB-S1905A MB076-F24 INFO ECU SHT 62 VBAT MB302-C11 G292BK-FLRYB_1MM_BR BATT GROUND SHT 42 WB-G292BL BATT GROUND G292BL-FLRYB_1MM_BR SHT 42 IMBRF4-M IMBRF4-F DRIVER VOICE MICROPHONE R1935E-TP_CIVUS_0.35_LXBE MIC1_GND V1935F-TP_CIVUS_0.35_LXBE V1935D-TP_CIVUS_0.35_LXBE MIC1_SIGNAL_I WB-L2302B DISP2_BCKL_ENABLE
SHT 6
WB-V2306B DISP2_INT
SHT 6
WB-S2302B DISP2_WAKE_UP
SHT 6 L2302B-CIVUS_0.35MM_V V2306B-CIVUS_0.35MM_C DISP2_IN S2302B-CIVUS_0.35MM_L DISP2 WAKE U WB-L2301B DISP1_BCKL_ENABLE SHT 6
WB-S2301B DISP1_WAKE_UP SHT 6 DISP1_BCKL_ENABLE S2301B-CIVUS_0.35MM_L DISP1 WAKE U WB-V2305B DISP1_INT SHT 6 V2305B-CIVUS_0.35MM_C DISP1_IN WB-A2201P KL15C G1-INFOTAINMENT ECU A2201P-CIVUS 0.35MM SB SHT 68 ACC-KL15C

REV MODEL F P23 J DESCRIPTION PART NUMBER SIZE MCLAFE INFOTAINMENT ECU 23VA002CP P23 J0B1_9**9** 0F 84 А3

23VA002CP

INSTRUMENT CLUSTER

F



DESCRIPTION

ACLAR

DESCRIPTION

INSTRUMENT CLUSTER

PART NUMBER

23VA002CP

F P23 J0B1_900 OF 84 A3

23VA002CP

A22010-T3ZH 0.35MM L

S1330A-T3ZH 0.35MM R

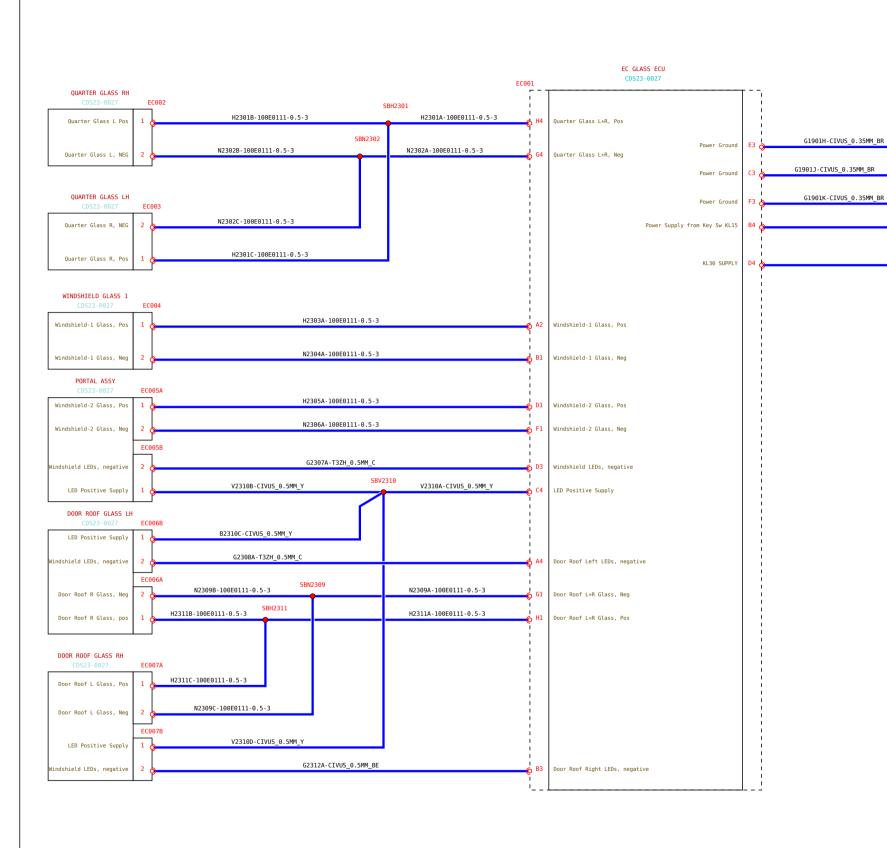
WB-G1901D GND-EC GLASS SHT 43

WB-A22010 KL15C G1-EC GLASS SHT 68

WB-S1330A MB076-F23-KL30-ECGLASS SHT 62

F

REV MODEL F P23 J SHEET SIZE P23 J0B1_9**0**1 OF 84



	DESCRIPTION
McLare	EC GLASS

EC GLASS

IMBEC1-F IMBEC1-M

-(--

G1901G-CIVUS_0.35MM_BR

A2201R-CIVUS 0.35MM SB

S1330B-T3ZH 0.35MM R