

Wiring Schematics - McLaren
Speedtail
Aftersales

Responsible Department:

Vehicle Documentation

When to use this document:

Vehicle diagnosis

Who can help:

For any assistance please contact technicalsupport@mclaren.com


Version Control:

Revision	Date	Reason for revision
1.0	18.12.19	Initial version



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						ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.	DRAWN BY D.CAFFREY	DRAWN DATE 2020-03-26			
							APPROVED BY JAMES MAHONEY	SCALE NTS	STATUS G6	REFERENCE DOCUMENT 15VA002CP.01	
							DESCRIPTION P23 SCHEMATIC DRAWING				
							PART NUMBER 23VA002CP	REV F	MODEL P23	SHEET 1 OF 84	SIZE A3
MB - ER 38972	F	UP TO HCR23-0172 + correction in Keyless ant BC in/out A & C reversed	DAN	10JUL20		THIS DRAWING IS IN COMPLIANCE WITH MCLAREN SCHEMATIC STANDARD					
MB - ER 38972	JOB1+90	UP TO HCR23-0172	DAN	11MAY20							
	ADMIN ER3	UP TO HCR23-0172	DAN	11MAY20							
MB - ER 49396	ADMIN ER2	UP TO HCR23-0170	NANDHA	11MAR20		THE INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND IS OWNED BY MCLAREN. ANY UNAUTHORIZED USE OF THIS DOCUMENT IS PROHIBITED.					
MB - ER 35051	ADMIN ER1	UP TO HCR23-0157	NANDHA	1FEB20							
MB (REF) 32125	JOB1	UP TO HCR23-0122	NANDHA	7AUG19							
MB (REF) 24748	PP	UP TO HCR23-0100	NANDHA	24JUN19							
MB (REF) 7455	VP	UP TO HCR23-0080	NANDHA	26APR19							
ECN	REV	REVISION CHANGES	MODIFIED BY	DATE							



INLINES

CODE	FROM	TO
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	ROOF	MAINBODY
IMBTR2	TRANSMISSION	MAINBODY
IMBTR	TRANSMISSION	MAINBODY
ITRTA1	TRANS AUX PLATE	MAINBODY
ITRTC	TRANS CLUTCH	MAINBODY
ITRTS1	TRANS SYNCHRO	MAINBODY

CODE	COLOUR
BR	BROWN
G	GREEN
L	BLUE
LG	LIGHT GREEN
O	ORANGE
P	PINK
R	RED
SB	SKY BLUE
V	VIOLET
W	WHITE
Y	YELLOW
BK	BLACK
GY	GREY
C	CREAM
BE	BEIGE

RELAYS PINS CONVERSION	
CHS	HCAD / CAE
X1	1
X2	2
A	3
B	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	K	KL58-SWITCH ILLUMINATION	LIGHT GREEN	LG			
VP	E	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	V	12V SUPPLY OR LIN	CREAM	C			T3ZH SPEC
VP	V	12V SUPPLY OR LIN	GRAY	GY			ACW 0219 SPEC
VP	R	12 RETURN SUPPLY	BLUE	L			
VP	PH	POWERTRAIN CAN HI	WHITE	W		TWISTED PAIR	
VP	PL	POWERTRAIN CAN LO	BLUE	L			
VP	BH	BODY CAN HI	YELLOW	Y		TWISTED PAIR	
VP	BL	BODY CAN LO	PINK	P			
VP	TH	TRANSMISSION CAN HI	WHITE	W		TWISTED PAIR	
VP	TL	TRANSMISSION CAN LO	BLUE	L			
VP	ICH	INFOTAINMENT CONTROL DATA CAN HI	BLUE	L		TWISTED PAIR	
VP	ICL	INFOTAINMENT CONTROL DATA CAN LO	BEIGE	BE			
VP	IAH	INFOTAINMENT AMPLIFIER CAN HI	BLUE	L		TWISTED PAIR	
VP	IAL	INFOTAINMENT AMPLIFIER CAN LO	BEIGE	BE			
VP	IVH	INFOTAINMENT VEHICLE CAN BUS HI	BLUE	L		TWISTED PAIR	
VP	IVL	INFOTAINMENT VEHICLE CAN BUS LO	BEIGE	BE			
VP	F	FET DRIVEN SUPPLY	YELLOW	Y			
VP	F	EXTERIOR LIGHTING FET DRIVEN SUPPLY	GRAY	GY			

