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POS.	Color	FROM:	TO:	POS.
1	YELLOW	CAN 2 HIGH	CAN 2 TERM A	1
2	GREEN	CAN 2 LOW	CAN 2 TERM B	2
3	ORANGE	CAN 2 GND	CAN 2 TERM C	3

POS.	Color	FROM:	TO:	POS.
1	RED	SPUCE 15	ENGINE COOLANT DIVERTER VALVE 1	1
2	ORANGE	94PIN CM K1	ENGINE COOLANT DIVERTER VALVE 3	3

POS.	Color	FROM:	TO:	POS.
1	ORANGE	HEATER CONTROL UNIT	DEF SUCTION LINE 1	1
2	GREY	DEF RETURN LINE	DEF SUCTION LINE 2	2

POS.	Color	FROM:	TO:	POS.
1	GREY	DEF SUCTION LINE	DEF RETURN LINE 1	1
2	BLACK	SPUCE 14	DEF RETURN LINE 2	2

POS.	Color	FROM:	TO:	POS.
1	BLACK	SPUCE 14	DEF PRESSURE LINE 1	1
4	GREEN	HEATER CONTROL UNIT	DEF PRESSURE LINE 2	2

POS.	Color	FROM:	TO:	POS.
19	GREEN/BLACK	94PIN CM K1	AIR INLET TEMP SENSOR 1	1
20	BROWN/BLACK	94PIN CM K1	AIR INLET TEMP SENSOR 2	2

POS.	Color	FROM:	TO:	POS.
56	GREEN/WHITE	94PIN CM K1	DOC INLET SENSOR 1	1
65	BROWN/WHITE	94PIN CM K1	DOC INLET SENSOR 2	2

POS.	Color	FROM:	TO:	POS.
79	BLUE/WHITE	94PIN CM K1	TAILPIPE INLET SENSOR 1	1
80	GREY/BLACK	94PIN CM K1	TAILPIPE INLET SENSOR 2	2

POS.	Color	FROM:	TO:	POS.
81	ORANGE/WHITE	94PIN CM K1	SCR TEMP SENSOR 1	1
82	ORANGE/BLACK	94PIN CM K1	SCR TEMP SENSOR 2	2

POS.	Color	FROM:	TO:	POS.
1	GREEN	CAN 2 LOW	NH3 NOX AMMONIA SENSOR 1	1
2	YELLOW	CAN 2 HIGH	NH3 NOX AMMONIA SENSOR 2	2
3	BLACK	SPUCE 16	DEF TANK AND HEADER CONNECTOR 3	3
4	ORANGE	SPUCE 21	DEF TANK AND HEADER CONNECTOR 4	4

POS.	Color	FROM:	TO:	POS.
2	PINK	DEF PUMP SUP. MOD.	SPUCE 3	3
3	RED	DEF PUMP SUP. MOD.	SPUCE 15	15
4	BLACK	DEF PUMP SUP. MOD.	SPUCE 16	16
5	RED	DEF PUMP SUP. MOD.	SPUCE 15	15
6	ORANGE	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT L	L
8	BLUE	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT G	G
9	TAN	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT H	H
10	YELLOW	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT J	J
11	VIOLET	DEF PUMP SUP. MOD.	HEATER CONTROL UNIT 1	1
12	BLACK	DEF PUMP SUP. MOD.	SPUCE 16	16

POS.	Color	FROM:	TO:	POS.
1	YELLOW	CAN 1 HIGH	CAN 1 TERM A	1
2	GREEN	CAN 1 LOW	CAN 1 TERM B	2
3	ORANGE	CAN 1 GND	CAN 1 TERM C	3

POS.	Color	FROM:	TO:	POS.
1	BLUE	DEF INJECTOR	12-WAY INTERCONNECT K	K
2	BLACK	DEF INJECTOR	12-WAY INTERCONNECT D	D

POS.	Color	FROM:	TO:	POS.
67	RED	60AMP GLOW PLUG POWER FUSE	GLOW PLUG POWER 1	1

POS.	Color	FROM:	TO:	POS.
26	YELLOW	SPUCE 19	8-WAY INTERCONNECT A	A
27	BLUE/WHITE	SPUCE 7	8-WAY INTERCONNECT B	B
28	GREY	94PIN CM K1	8-WAY INTERCONNECT C	C
29	GREEN	CAN 1 LOW	8-WAY INTERCONNECT D	D
30	BLACK	SPUCE 30	8-WAY INTERCONNECT E	E
31	TAN	94PIN CM K1	8-WAY INTERCONNECT F	F
32	YELLOW/BLACK	94PIN CM K1	8-WAY INTERCONNECT G	G
33	YELLOW	CAN 1 HIGH	8-WAY INTERCONNECT H	H

POS.	Color	FROM:	TO:	POS.
18	VIOLET	94PIN CM K1	12-WAY INTERCONNECT A	A
19	BROWN	94PIN CM K1	12-WAY INTERCONNECT B	B
20	GREEN	94PIN CM K1	12-WAY INTERCONNECT C	C
21	BLACK	DEF INJECTOR	12-WAY INTERCONNECT D	D
22	GREY	SCR RELAY #6	12-WAY INTERCONNECT E	E
23	BLUE	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT G	G
24	TAN	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT H	H
25	YELLOW	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT J	J
26	BLUE	DEF INJECTOR	12-WAY INTERCONNECT K	K
27	ORANGE	DEF PUMP SUP. MOD.	12-WAY INTERCONNECT L	L

POS.	Color	FROM:	TO:	POS.
1	ORANGE	SPUCE 21	NH3 NOX AMMONIA SENSOR 1	1
2	YELLOW	CAN 2 HIGH	NH3 NOX AMMONIA SENSOR 2	2
3	GREEN	CAN 2 LOW	NH3 NOX AMMONIA SENSOR 3	3
4	BLACK	SPUCE 17	NH3 NOX AMMONIA SENSOR 4	4

POS.	Color	FROM:	TO:	POS.
1	ORANGE	SPUCE 22	NOX UPSTREAM SENSOR 1	1
2	BLACK	SPUCE 19	NOX UPSTREAM SENSOR 2	2
3	GREEN	CAN 2 LOW	NOX UPSTREAM SENSOR 3	3
4	YELLOW	CAN 2 HIGH	NOX UPSTREAM SENSOR 4	4
5	BLACK	SPUCE 19	NOX UPSTREAM SENSOR 5	5

POS.	Color	FROM:	TO:	POS.
1	ORANGE	SPUCE 22	NOX DOWNSTREAM SENSOR 1	1
2	BLACK	SPUCE 18	NOX DOWNSTREAM SENSOR 2	2
3	GREEN	CAN 2 LOW	NOX DOWNSTREAM SENSOR 3	3
4	YELLOW	CAN 2 HIGH	NOX DOWNSTREAM SENSOR 4	4

POS.	Color	FROM:	TO:	POS.
28	RED/WHITE	94PIN CM K1	EMC RELAY #7	1
29	BLACK	BATT-	EMC RELAY #5	3
30	BLUE	SPUCE 25	STARTER RELAY #6	6
31	GREEN	SPUCE 26	EMC RELAY #6	7
32	PINK	CONTROL PANEL	STARTER RELAY #6	10
33	RED	STARTER SOLENOID #6	STARTER RELAY #6	12
34	BLACK	SPUCE 20	AUX RELAY #5	15
35	ORANGE	SPUCE 24	SCR RELAY #7	16
36	GREY	12-WAY INTERCONNECT	SCR RELAY #5	18
37	BLUE/WHITE	SPUCE 9	AUX RELAY #6	19
38	ORANGE	SPUCE 24	AUX RELAY #6	21
39	BLUE/WHITE	SPUCE 9	AUX RELAY #6	22
40	RED/BLACK	94PIN CM K1	50AMP EMC 1 FUSE	25
41	GREEN	SPUCE 26	50AMP EMC 2 FUSE	26
42	GREEN	SPUCE 26	25AMP EMC 2 FUSE	27
43	RED	SPUCE 2	25AMP EMC 2 FUSE	28
44	GREEN	SPUCE 26	7.5AMP EMISSIONS SIG FUSE	29
45	BLUE	SPUCE 9	7.5AMP EMISSIONS SIG FUSE	30
46	YELLOW	SPUCE 13	50AMP BREATHER HEATER FUSE	32
47	BLUE	SPUCE 25	50AMP EMC POWER FUSE	33
48	RED	BATT-	50AMP EMC POWER FUSE	34
49	RED	CONTROL PANEL	50AMP SCR RELAY FUSE	35
50	RED	BATT-	50AMP SCR RELAY FUSE	36
51	ORANGE	SPUCE 21	25AMP AUX RELAY FUSE	37
52	ORANGE	AUX RELAY #7	25AMP AUX RELAY FUSE	38
53	RED	BATT-	25AMP STARTER SOLENOID FUSE	42
54	RED	SPUCE 15	50AMP SCR RELAY FUSE	39
55	ORANGE	SCR RELAY #30	50AMP SCR RELAY FUSE	40
56	RED	STARTER RELAY #7	25AMP STARTER SOLENOID FUSE	41
57	RED	BATT-	25AMP STARTER SOLENOID FUSE	42
58	RED	BATT-	50AMP EMISSIONS RELAY FUSE	64
59	ORANGE	SPUCE 24	50AMP EMISSIONS RELAY FUSE	64
60	RED	HEATER CONTROL UNIT	60AMP HEATER CONTROL UNIT FUSE	65
61	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
62	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
63	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
64	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
65	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
66	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
67	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66
68	RED	BATT-	60AMP HEATER CONTROL UNIT FUSE	66

POS.	Color	FROM:	TO:	POS.
1	BLACK	STARTER BATT-	STARTER RELAY #5	6

POS.	Color	FROM:	TO:	POS.
1	CAMP	SPUCE 1	BATT-	1
2	BLACK	SPUCE 11	BATT-	11
3	BLACK	SPUCE 14	BATT-	14
4	BLACK	SPUCE 20	BATT-	20

POS.	Color	FROM:	TO:	POS.
1	RED	BATT+	30AMP EMC POWER FUSE	24
2	RED	BATT+	50AMP SCR RELAY FUSE	36
3	RED	BATT+	25AMP STARTER SOLENOID FUSE	42
4	RED	BATT+	50AMP EMISSIONS RELAY FUSE	64
5	RED	BATT+	60AMP HEATER CONTROL UNIT FUSE	66
6	RED	BATT+	60AMP HEATER CONTROL UNIT FUSE	66

POS.	Color	FROM:	TO:	POS.
30	WHITE	94PIN CM K1	WATER IN FUEL SWITCH 1	1
31	BLACK	SPUCE 10	WATER IN FUEL SWITCH 2	2
32	BLUE/WHITE	SPUCE 7	WATER IN FUEL SWITCH 3	3

POS.	Color	FROM:	TO:	POS.
1	YELLOW	ALTERNATOR EXCITE	SPUCE 4	4

POS.	Color	FROM:	TO:	POS.
1	YELLOW	SPUCE 13	BREATHER HEATER 1	1
2	BLACK	SPUCE 11	BREATHER HEATER 2	2

POS.	Color	FROM:	TO:	POS.
1	RED	STARTER SOLENOID RING	STARTER RELAY #30	12

POS.	Color	FROM:	TO:	POS.
44	BLUE	94PIN CM K1	CONTROL PANEL 1	1
45	BLACK	SPUCE 12	CONTROL PANEL 2	2
46	PINK	STARTER RELAY #6	CONTROL PANEL 3	3
47	YELLOW	CAN 1 HIGH	CONTROL PANEL 7	7
48	GREEN	CAN 1 LOW	CONTROL PANEL 8	8
49	YELLOW	SPUCE 4	CONTROL PANEL 10	10
50	RED	SAMP PANEL PWR FUSE	CONTROL PANEL 11	11
51	BLACK	SPUCE 12	CONTROL PANEL 12	12

POS.	Color	FROM:	TO:	POS.
1	VIOLET	HEATER CONTROL UNIT	DEF PUMP SUPPLY MODULE 11	11
2	ORANGE	HEATER CONTROL UNIT	DEF SUCTION LINE 1	1
3	GREEN	HEATER CONTROL UNIT	DEF RETURN LINE 1	1
4	BLUE/WHITE	HEATER CONTROL UNIT	DEF PRESSURE LINE 2	2
5	BLACK	SPUCE 18	SPUCE 8	8
6	BLACK	HEATER CONTROL UNIT	SPUCE 18	18
7	GREEN	HEATER CONTROL UNIT	CAN 2 LOW	2
8	YELLOW	HEATER CONTROL UNIT	CAN 2 HIGH	2
9	RED	HEATER CONTROL UNIT	60AMP HEATER CONTROL UNIT FUSE	65

NOTES:
FOR DIMENSIONS, COMPONENT AND MATERIAL PART NUMBERS, AND SPLICE LOCATIONS PLEASE CONTACT NORTH COAST COMPONENTS, INC. DETAILED ELECTRICAL SCHEMATIC IS AVAILABLE UPON REQUEST.
ALL CONNECTED SPLICE LINES ARE COLOR CODED, PER PIN OUT CHARTS.

PART#	MCM-596	REV.	1
DESC.	120HP ENGINE HARNESS	11/05/21	
DRAWING	B.G.	DATE:	11/05/21
DRAWING NOT TO SCALE. THIS DRAWING IS A REFERENCE FOR PIN OUT AND INTERCONNECT VISUALIZATION ONLY. PLEASE CONTACT NORTH COAST COMPONENTS, INC. FOR MORE INFORMATION.			