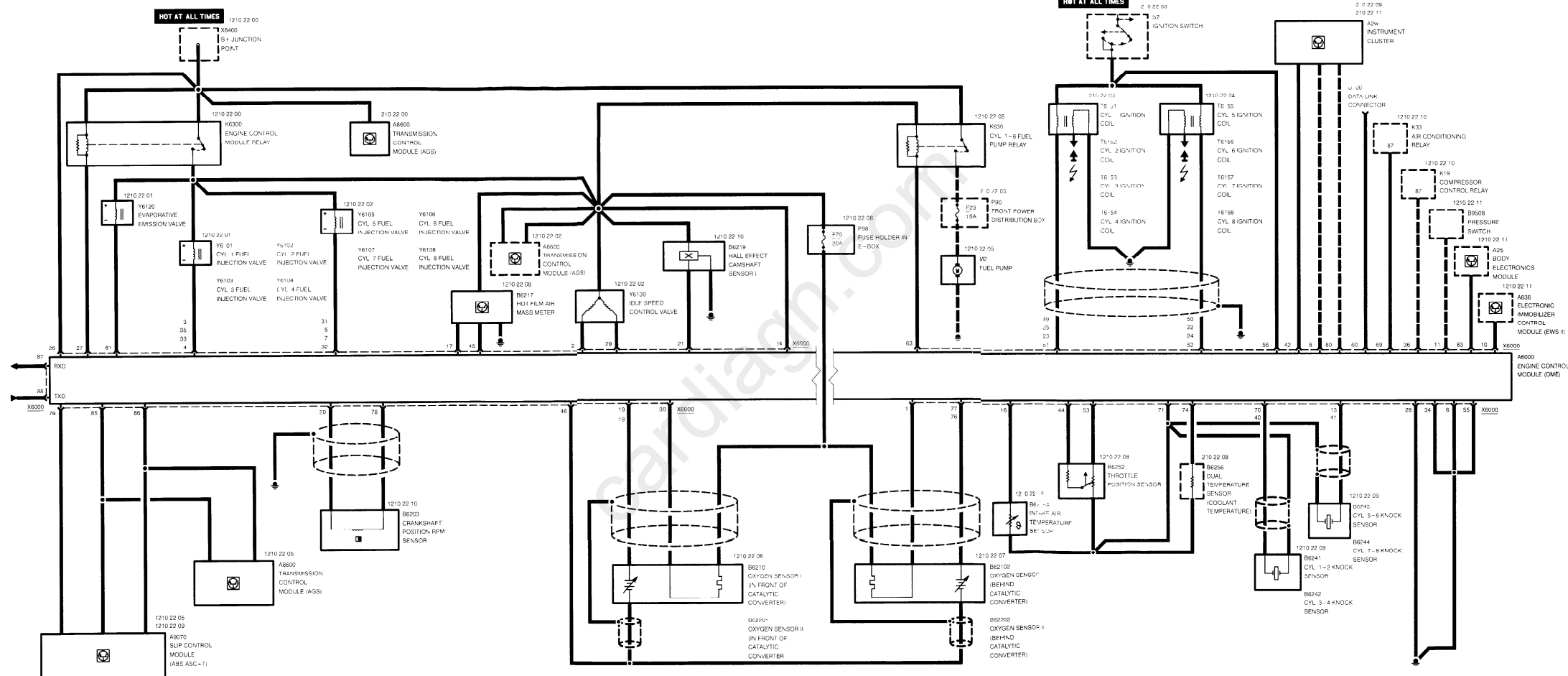
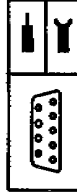




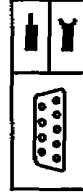


Pin Assignments

X6000

Pin	Type	Description/Function	Connection
1	M	Ground, oxygen sensor heating	Oxygen sensors behind catalytic converter
2	A	Air control valve closed	Idle speed control valve, Y6130
3	A	Cyl. 1 fuel injection valve	Cyl. 1 fuel injection valve, Y6101
4	A	Cyl. 4 fuel injection valve	Cyl. 4 fuel injection valve, Y6104
5	A	Cyl. 6 fuel injection valve	Cyl. 6 fuel injection valve, Y6106
6	M	Ground	Ground point, X6452
7	A	Cyl. 7 fuel injection valve	Cyl. 7 fuel injection valve, Y6107
8	A	"CHECK ENGINE"-lamp	Instrument cluster, A2
9		Not used	
10	E	Drive-away protection	Control module (EWS II), A836
11	E	Signal AC-compressor	Pressure switch, B8y
12		Not used	
13	E	Signal cyl. 5-6 knock sensor	Cyl. 5-6 knock sensor, B6243
14		Not used	
15		Not used	
16	E	Signal intake air temperature	Intake air temperature sensor, B6215A
17	E	Signal air mass meter	Hot film air mass meter, B6217
18	E	Signal cyl. 5-8 oxygen sensor	Oxygen sensor II in front of catalytic converter
19	E	Signal cyl. 1-4 oxygen sensor	Oxygen sensor I in front of catalytic converter
20	M	Sensorground	Crankshaft position/RPM sensor
21	E	Signal camshaft sensor	Hall effect camshaft sensor I
22	A	Cyl. 6 ignition signal	Cyl. 6 ignition coil, T6156
23	A	Cyl. 3 ignition signal	Cyl. 3 ignition coil, T6153
24	A	Cyl. 7 ignition signal	Cyl. 7 ignition coil, T6157
25	A	Cyl. 2 ignition signal	Cyl. 2 ignition coil, T6152
26	E	Continuous plus supply terminal 30	B+ junction point
27	A	Signal to engine control module relay	Engine control module relay, K6300
28	M	Ground	Ground point, X6452
29	A	Air control valve open	Idle speed control valve, Y6130

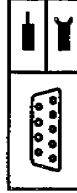
E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
30	M	Ground, oxygen sensor heating	Oxygen sensors in front of catalytic converter
31	A	Cyl. 5 fuel injection valve	Cyl. 5 fuel injection valve, Y6105
32	A	Cyl. 8 fuel injection valve	Cyl. 8 fuel injection valve, Y6108
33	A	Cyl. 3 fuel injection valve	Cyl. 3 fuel injection valve, Y6103
34	M	Ground	Ground point, X6452
35	A	Cyl. 2 fuel injection valve	Cyl. 2 fuel injection valve, Y6102
36	A	Signal climate compressor	Compressor control relay, K19
37		Not used	
38		Not used	
39		Not used	
40	E	Signal cyl. 3-4 knock sensor	Cyl. 3-4 knock sensor, B6242
41	E	Signal cyl. 7-8 knock sensor	Cyl. 7-8 knock sensor, B6244
42	E	Signal fuel reserve	Instrument cluster, A2w
43		Not used	
44	E	Signal throttle position	Throttle position sensor, R6252
45	M	Ground, air mass meter	Hot film air mass meter, B6217
46	M	Ground, oxygen sensors	Oxygen sensors
47		Not used	
48		Not used	
49	A	Cyl. 1 ignition signal	Cyl. 1 ignition coil, T6151
50	A	Cyl. 5 ignition signal	Cyl. 5 ignition coil, T6155
51	A	Cyl. 4 ignition signal	Cyl. 4 ignition coil, T6154
52	A	Cyl. 8 ignition signal	Cyl. 8 ignition coil, T6158
53	A	Plus supply (+5V)	Throttle position sensor, R6252
54	E	Signal engine control module relay	Engine control module relay, K6300
55	M	Ground	Ground point, X6452
56	E	Plus supply terminal 15	Ignition switch, S2
57		Not used	
58		Not used	
59		Not used	
60	E	Programming voltage	Data link connector, D100

E = Input, A = Output, M = Ground



Pin Assignments

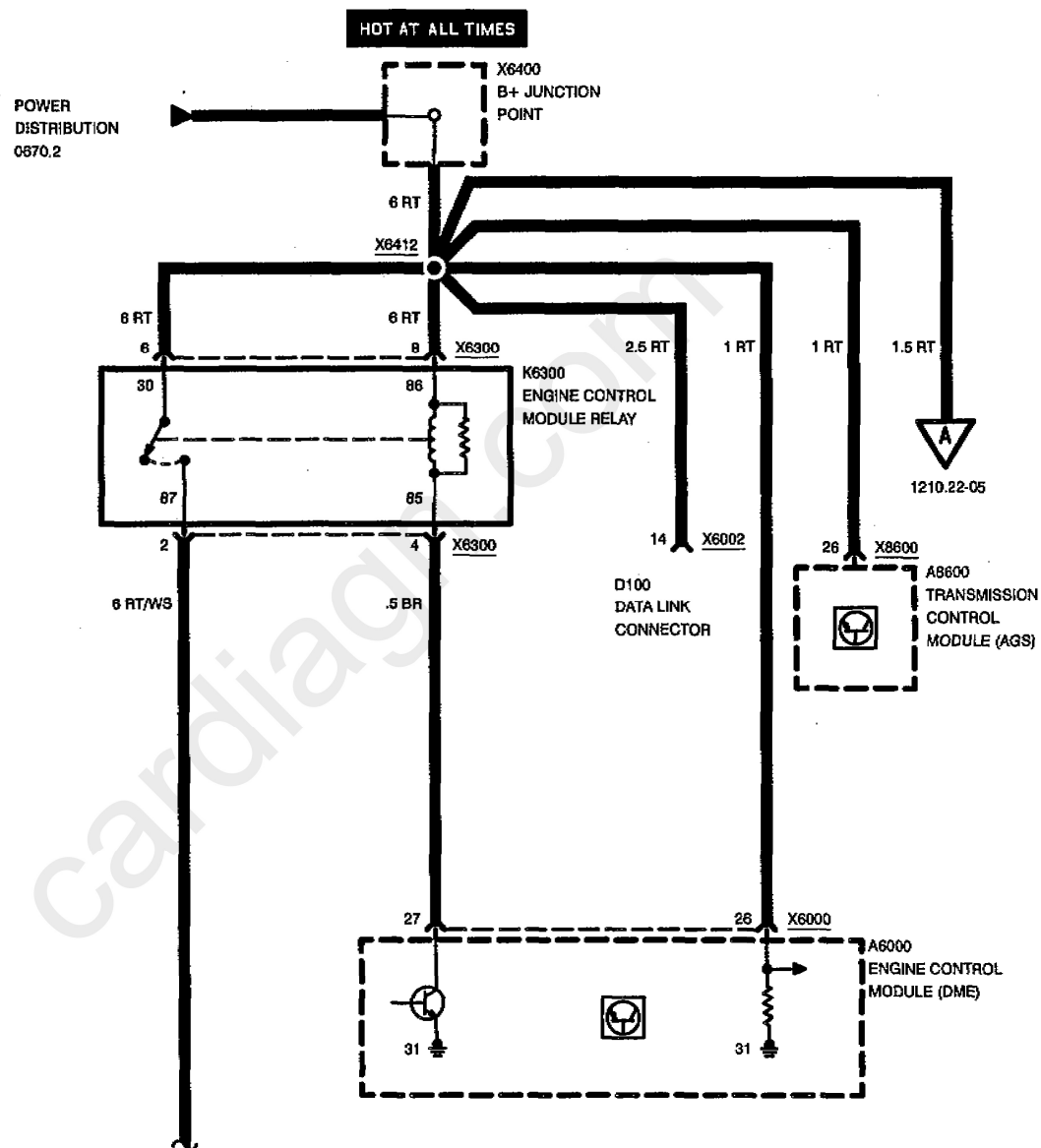
Pin	Type	Description/Function	Connection
61	A	Signal evaporative emission	Evaporative emission valve, Y6120
62		Not used	
63	A	Signal fuel pump	Fuel pump relay, K6301w
64		Not used	
65		Not used	
66		Not used	
67		Not used	
68		Not used	
69	E	Signal AC on/off	Air conditioning relay
70	E	Signal cyl. 1-2 knock sensor	Cyl. 1-2 knock sensor, B6241
71	M	Ground, sensors	Knock/temperature/throttle position sensors
72		Not used	
73		Not used	
74	E	Engine temperature	Dual temperature sensor
75		Not used	
76	E	Signal cyl. 5-8 oxygen sensor	Oxygen sensor II behind catalytic converter
77	E	Signal cyl. 1-4 oxygen sensor	Oxygen sensor I behind catalytic converter
78	E	Signal crankshaft position/RPM	Crankshaft position/RPM sensor
79	E	Signal right rear wheel speed	Slip control module
80	A	Signal engine speed (RPM)	Instrument cluster, A2w
81		Not used	
82		Not used	
83	A	Signal fuel consumption	Body electronics module
84		Not used	
85	E/A	CAN-L	Transmission control module/Slip control module
86	E/A	CAN-H	Transmission control module/Slip control module
87	A	Diagnosis	Data link connector, RxD
88	E/A	Diagnosis	Data link connector, TxD

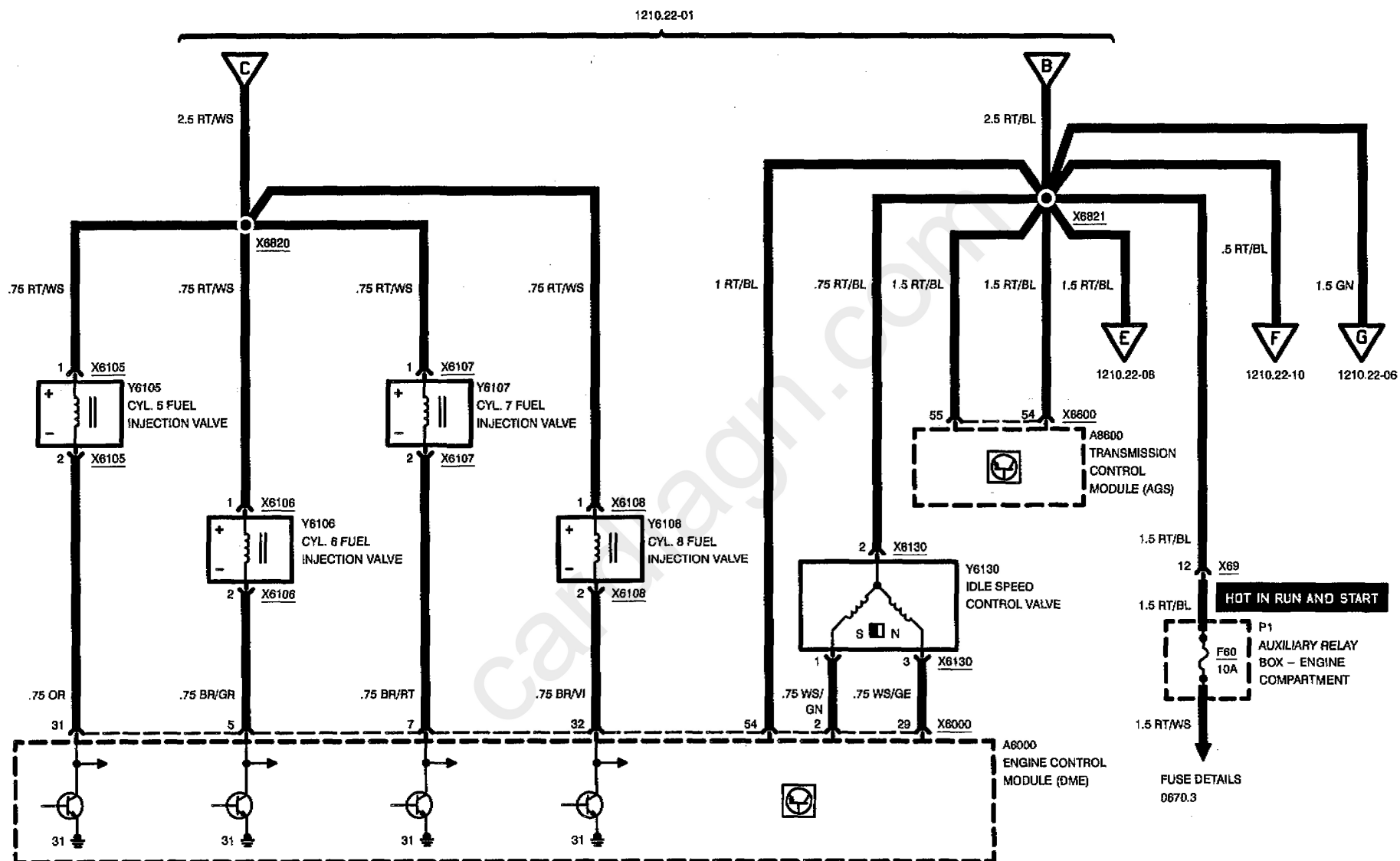
E = Input, A = Output, M = Ground



ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

SENSORS

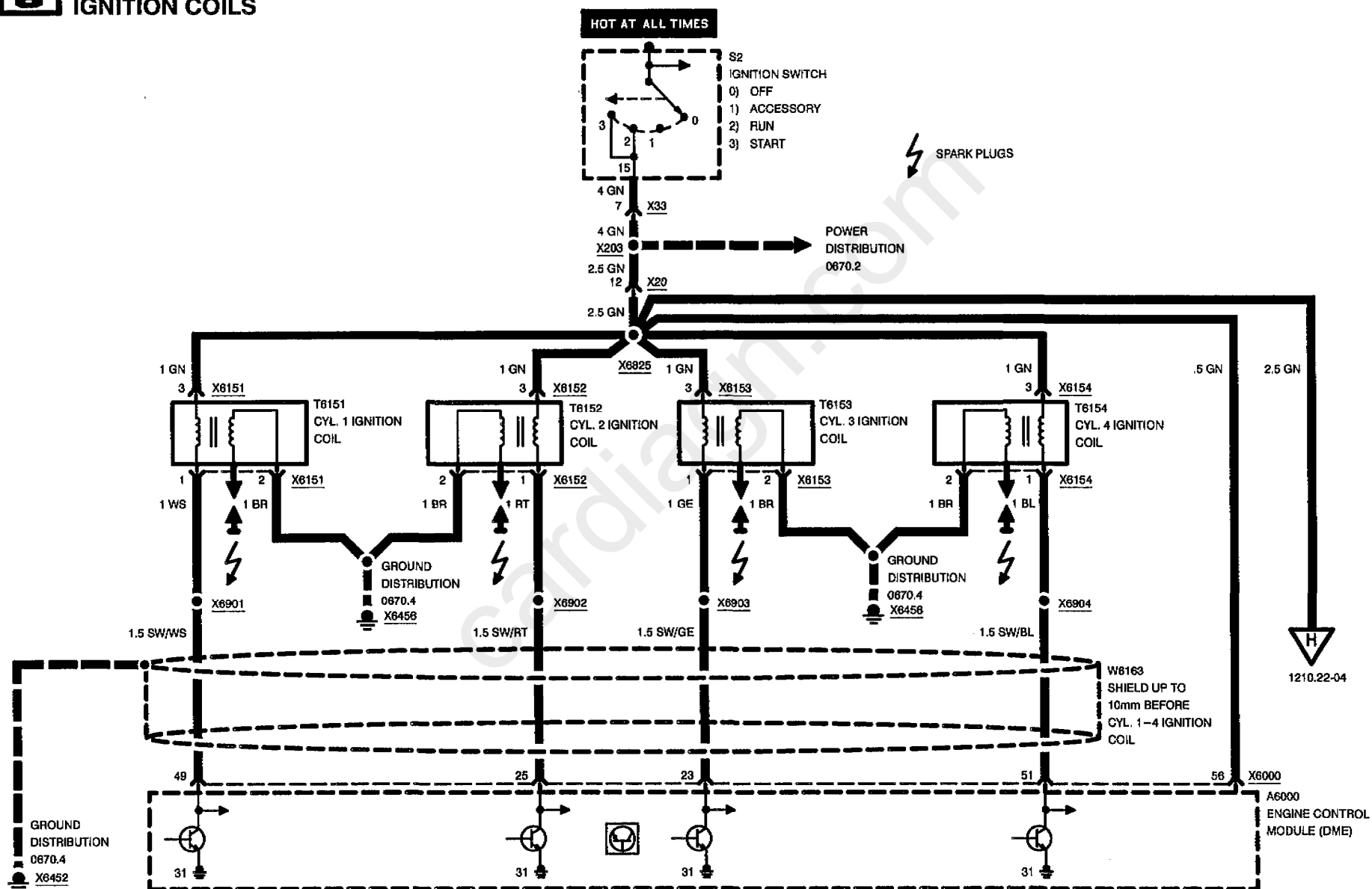






ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

IGNITION COILS



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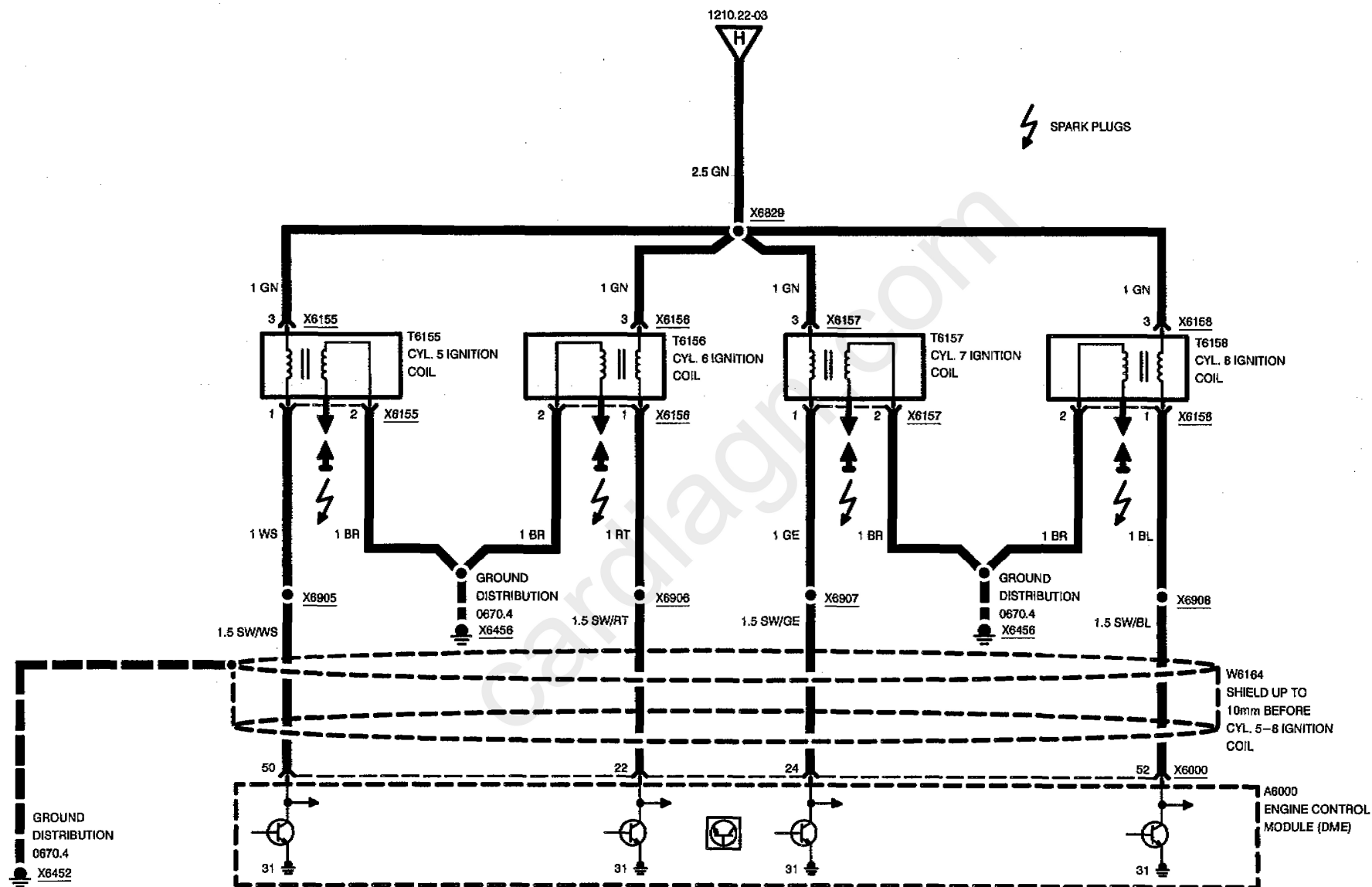
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ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

IGNITION COILS





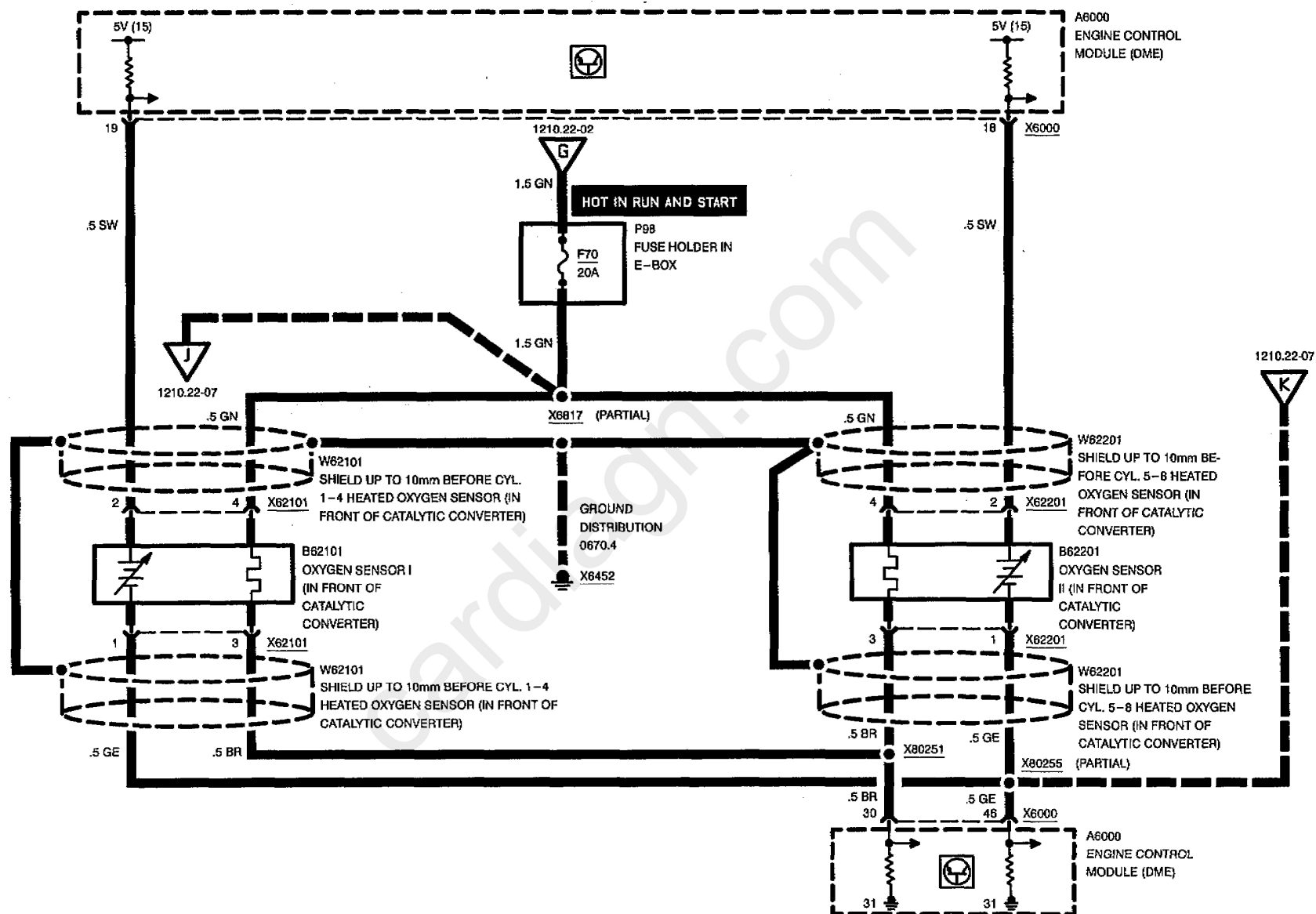
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ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

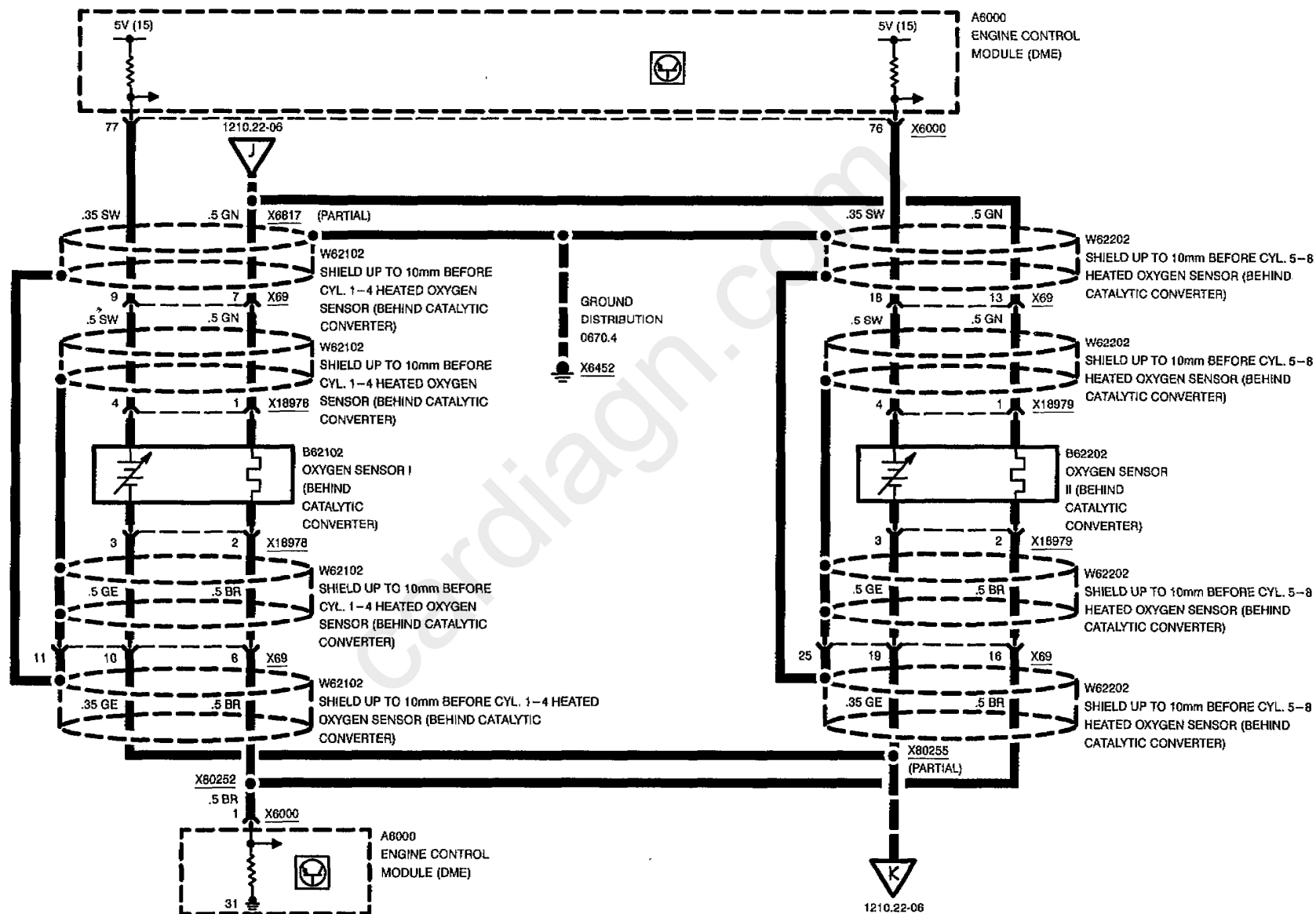
OXYGEN SENSORS (IN FRONT OF CATALYTIC CONVERTER)





ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

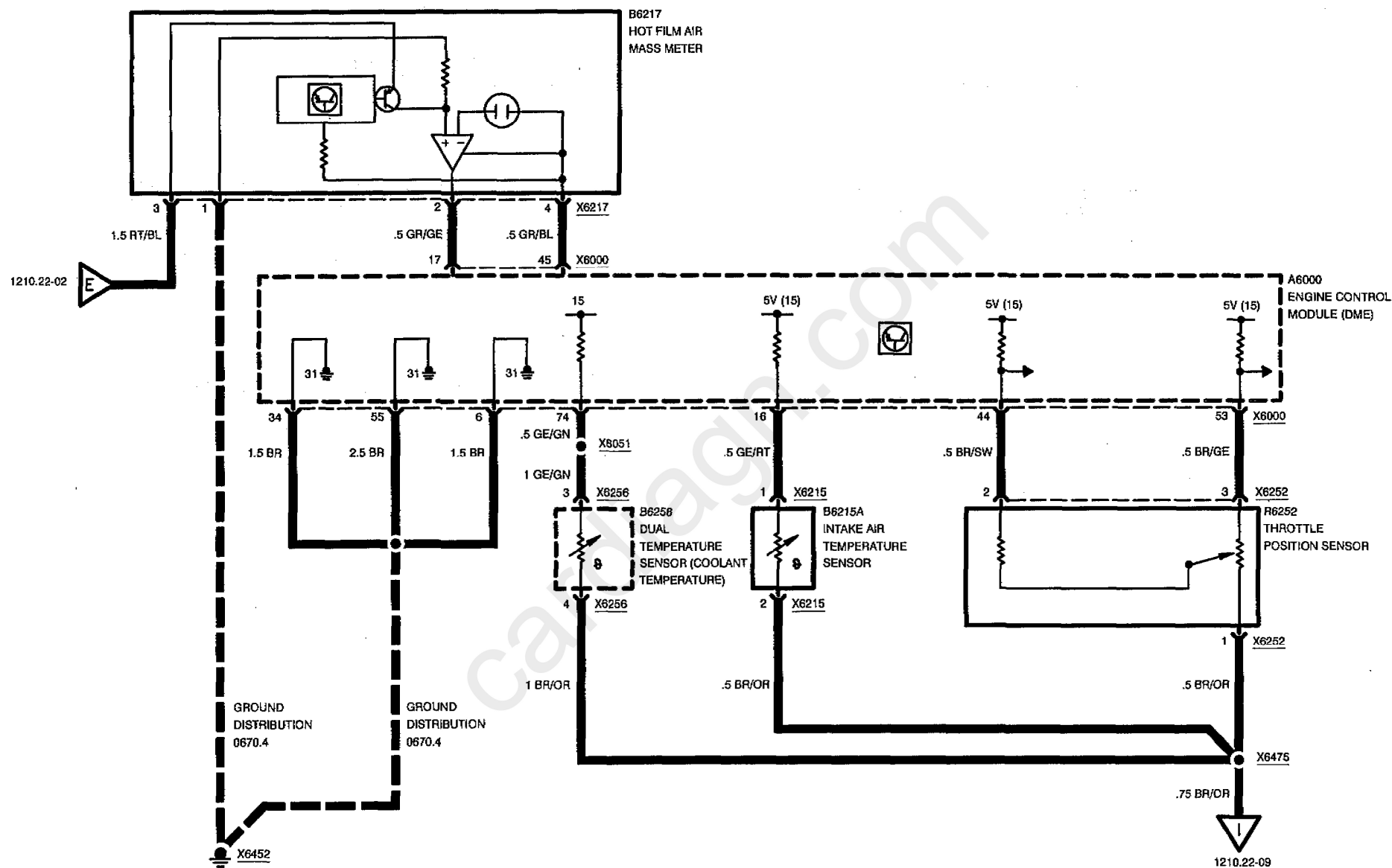
OXYGEN SENSORS (BEHIND CATALYTIC CONVERTER)





ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

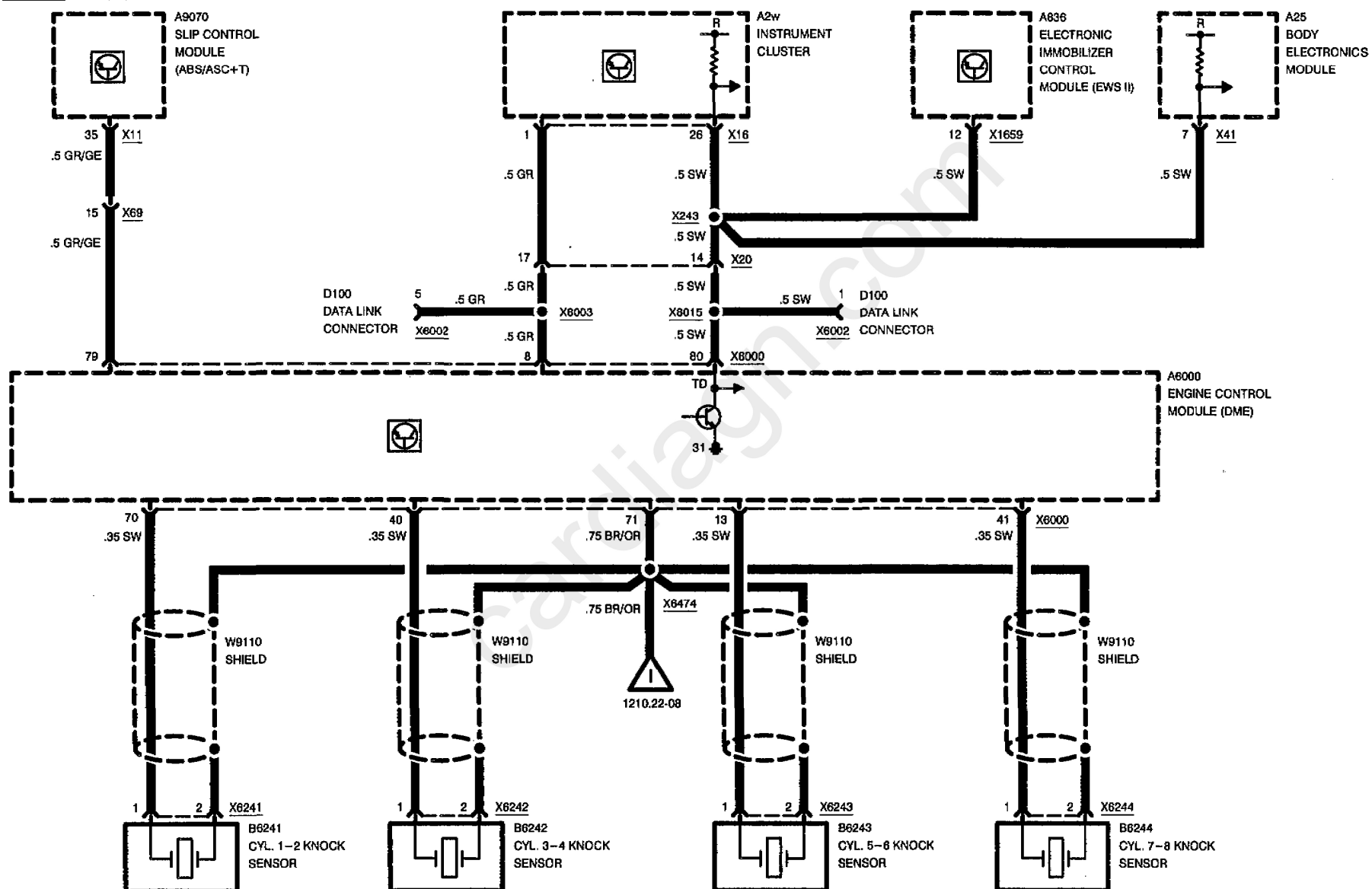
SENSORS

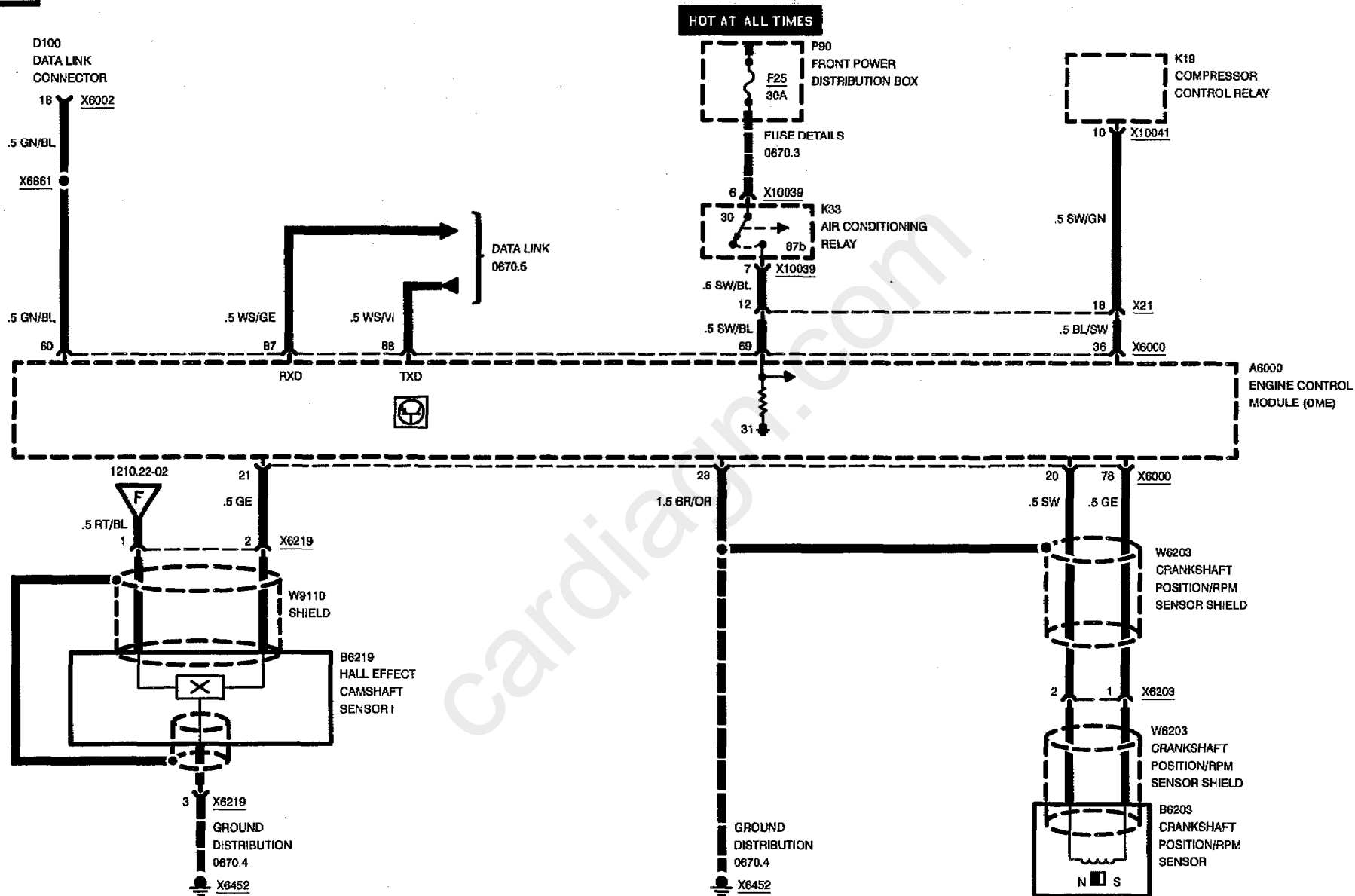




ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

ASC







ENGINE CONTROL SYSTEM (DME M5.2, 8-CYLINDER M62)

