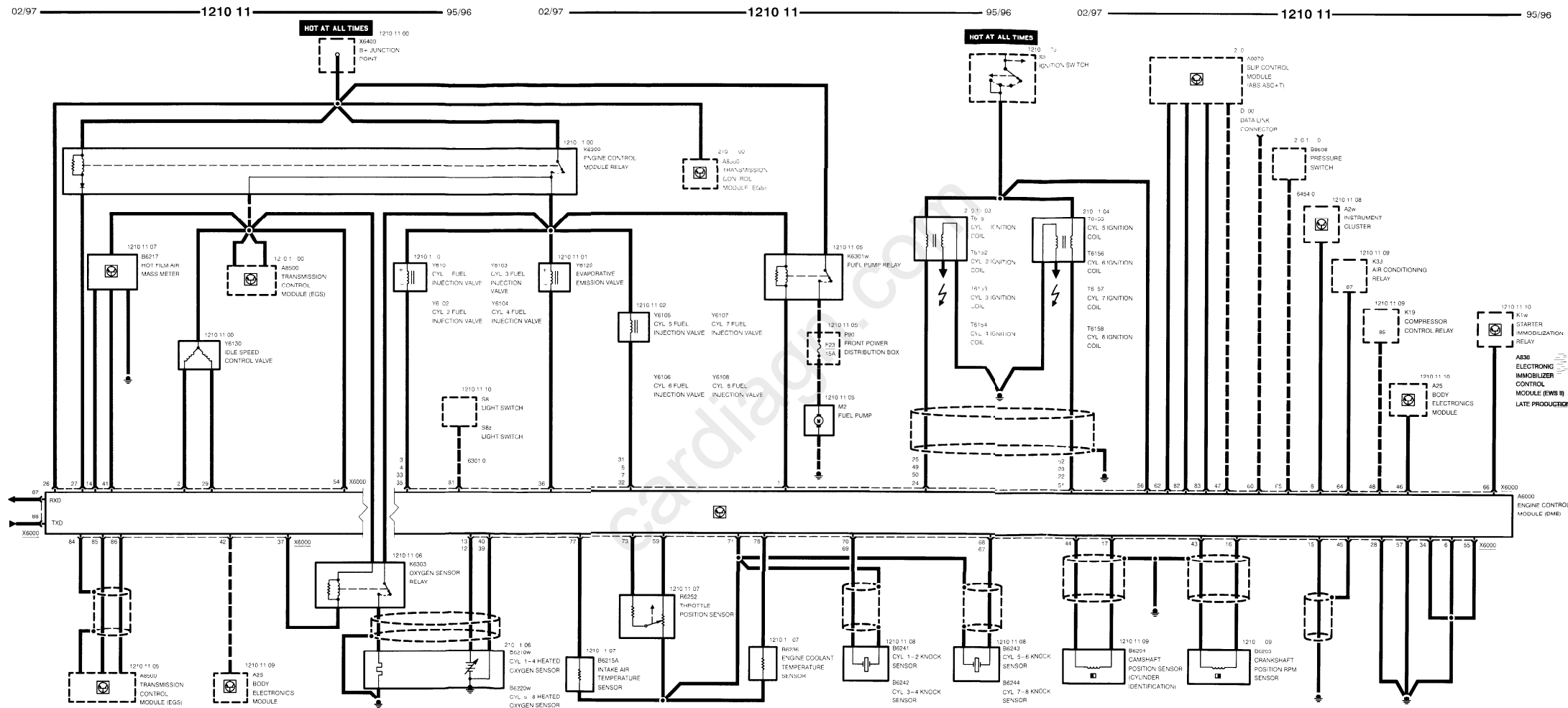
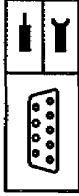




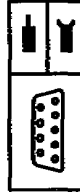


Pin Assignments

X6000

Pin	Type	Description/Function	Connection
1	A	Fuel pump relay	Fuel pump relay
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		Not used	
11		Not used	
12	E	Signal Cyl. 5 - 8 heated oxygen sensor	Cyl. 5 - 8 heated oxygen sensor, B6220
13	E	Signal Cyl. 1 - 4 heated oxygen sensor	Cyl. 1 - 4 heated oxygen sensor, B6210
14	M	Ground from air mass meter	Hot film air mass meter
15	M	Injection signal	Resistor, R6240
16	E	Signal crankshaft/RPM	Crankshaft position/RPM sensor, B6203
17	E	Signal camshaft position	Camshaft position sensor
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22	A	Cyl. 7 ignition signal	Cyl. 7 ignition coil, T6157
23	A	Cyl. 6 ignition signal	Cyl. 6 ignition coil, T6156
24	A	Cyl. 4 ignition signal	Cyl. 4 ignition coil, T6154
25	A	Cyl. 1 ignition signal	Cyl. 1 ignition coil, T6151
26	E	Continuous plus supply terminal 30	B + junction box
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
30		Not used	

E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
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 evaporative emission	Evaporative emission valve, Y6120
37	A	Signal oxygen sensor heating	Oxygen sensor relay, K6303
38		Not used	
39	M	Ground Cyl. 5 - 8 oxygen sensor	Cyl. 5 - 8 heated oxygen sensor, B6220
40	M	Ground Cyl. 1 - 4 oxygen sensor	Cyl. 1 - 4 heated oxygen sensor, B6210
41	E	Signal air flow	Hot film air mass meter
42	E	Vehicle speed	Body electronics module
43	M	Ground, camshaft RPM sensor	Crankshaft position/RPM sensor, B6203
44	M	Ground, crankshaft position sensor	Camshaft position sensor
45	M	Ground, ignition signal shield	Shield, ignition signal, R6240
46	A	Signal fuel consumption	Instrument cluster, A2
47	A	Signal engine speed (RPM)	Instrument cluster, A2
48	A	Signal climate compressor	Compressor control relay, K19
49	A	Cyl. 2 ignition signal	Cyl. 2 ignition coil, T6152
50	A	Cyl. 3 ignition signal	Cyl. 3 ignition coil, T6153
51	A	Cyl. 8 ignition signal	Cyl. 8 ignition coil, T6158
52	A	Cyl. 5 ignition signal	Cyl. 5 ignition coil, T6155
53		Not used	
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	M	Ground for sensors and shields	Ground point
58		Not used	
59	A	Plus supply (+5V)	Throttle position sensor, R6252
60	E	Programming voltage	Data link connector, D100
61		Not used	
62	E	Signal electronic throttle control	Slip control module (ABS/ASC+T), A9070

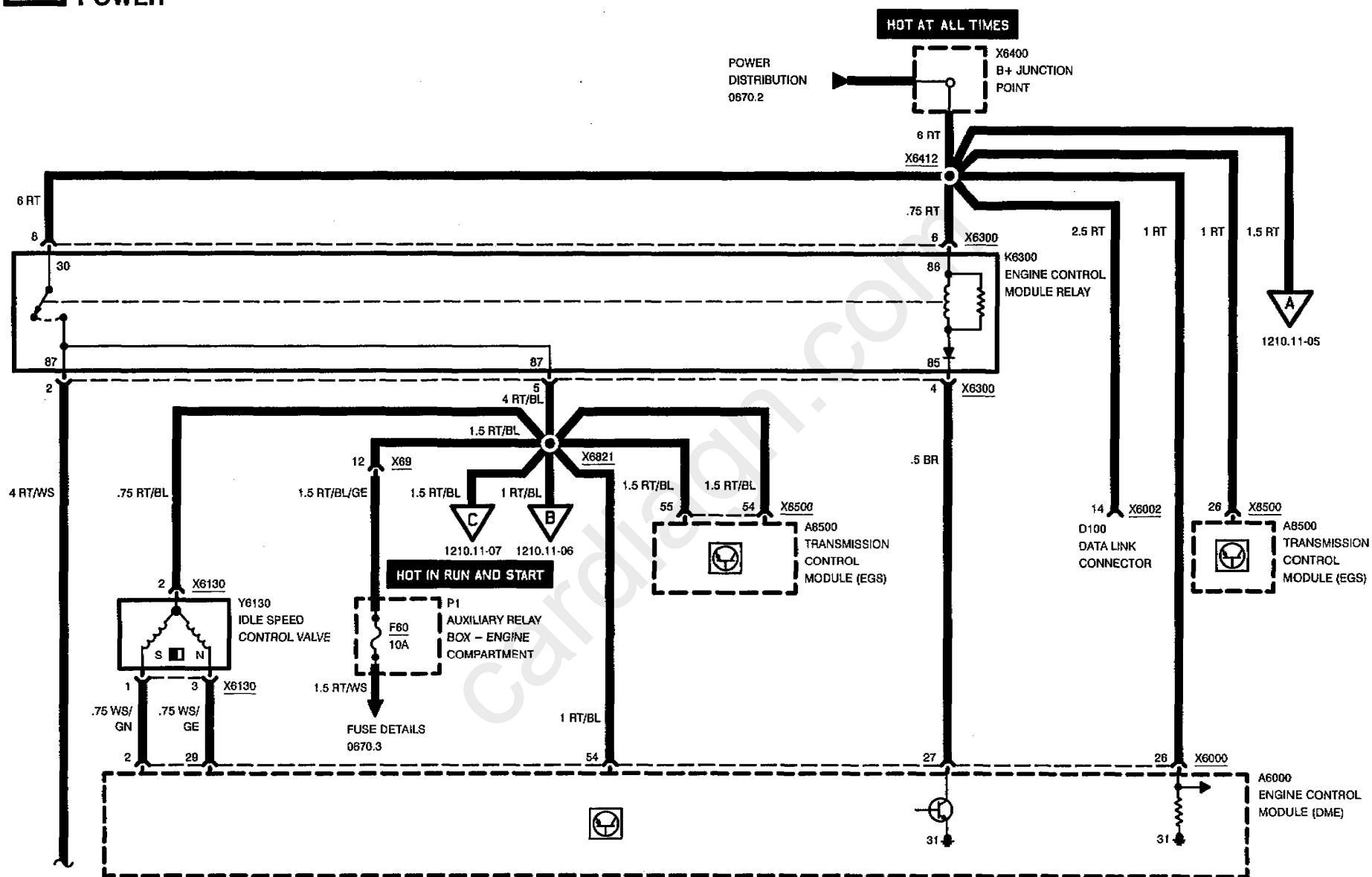
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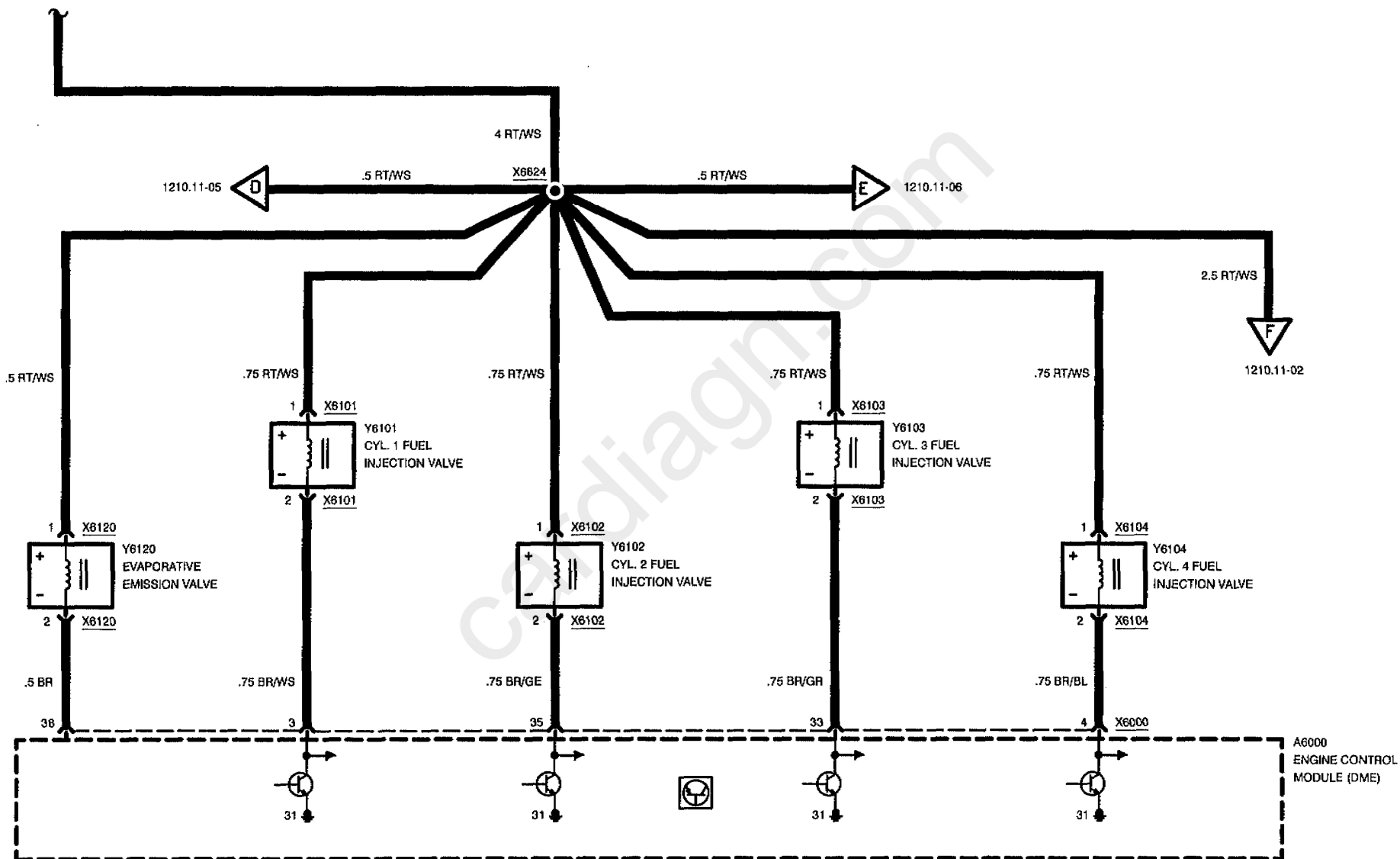


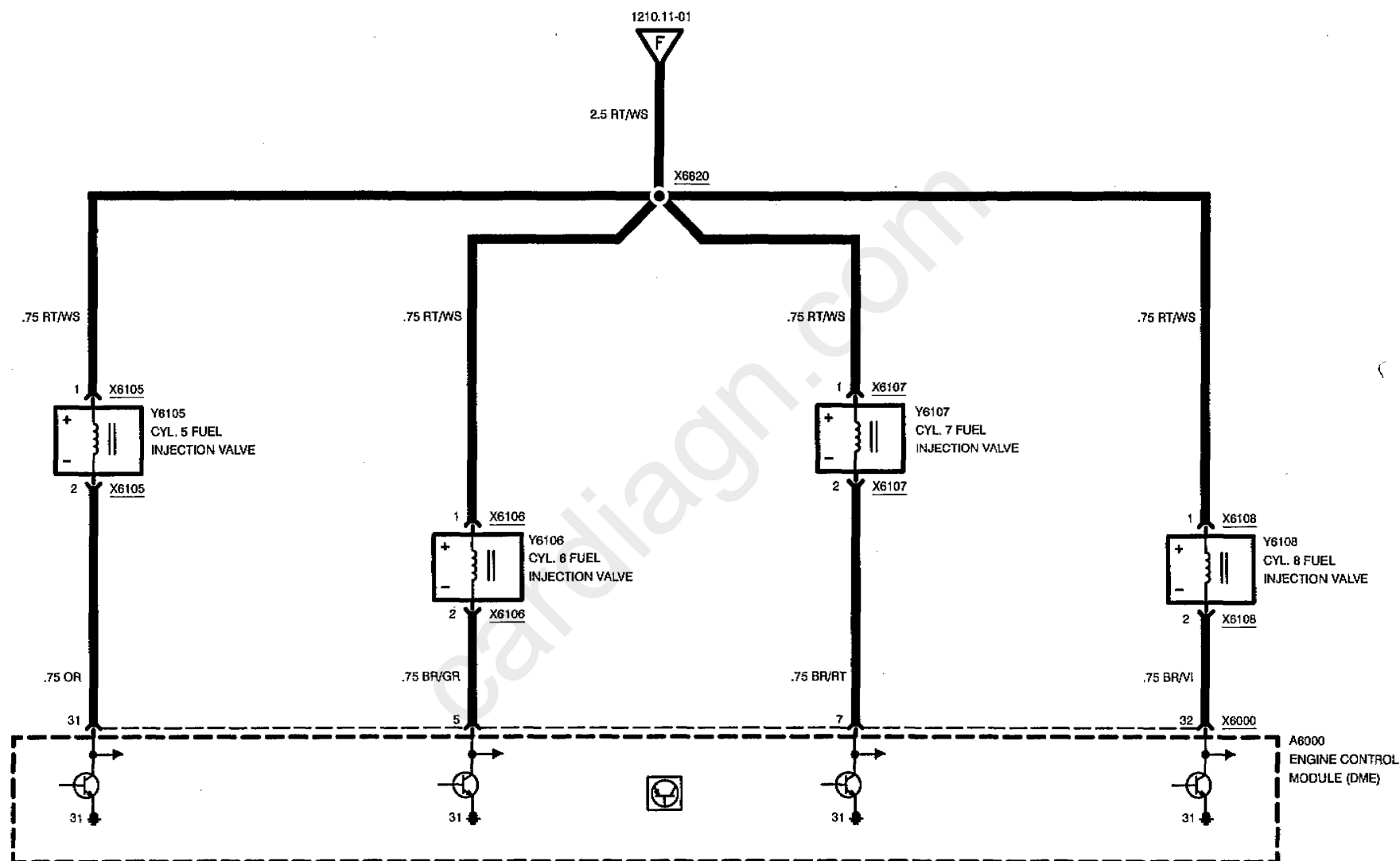
Pin Assignments

Pin	Type	Description/Function	Connection
63		Not used	
64	E	Signal AC ready	Air conditioning relay
65	E	Signal AC-compressor	Pressure switch, B8y
66	E	Antitheft signal	Starter immobilization relay (early production) Electronic immobilizer control module (EWS II)
67	E	Signal, Cyl. 7 - 8 knock sensor	Cyl. 7 - 8 knock sensor, B6244
68	E	Signal, Cyl. 5 - 6 knock sensor	Cyl. 5 - 6 knock sensor, B6243
69	E	Signal, Cyl. 3 - 4 knock sensor	Cyl. 3 - 4 knock sensor, B6242
70	E	Signal, Cyl. 1 - 2 knock sensor	Cyl. 1 - 2 knock sensor, B6241
71	M	Ground	Sensors
72		Not used	
73	E	Signal throttle position sensor	Throttle position sensor, R6252
74		Not used	
75		Not used	
76		Not used	
77	E	Signal intake air temperature	Engine intake air temperature sensor, B6215
78	E	Signal engine coolant temperature	Engine coolant temperature sensor
79		Not used	
80		Not used	
81	E	Signal headlights on	Light switch
82	E	Engine coasting signal	Slip control module (ABS/ASC+T), A9070
83	E	Traction control regulation signal	Slip control module (ABS/ASC+T), A9070
84	A	CAN - Shield	Transmission control module A8500
85	E/A	CAN - L	Transmission control module, A8500
86	E/A	CAN - H	Transmission control module, A8500
87	A	Diagnosis	Data link connector, Rx/D
88	E/A	Diagnosis	Data link connector, Tx/D

E = Input, A = Output, M = Ground



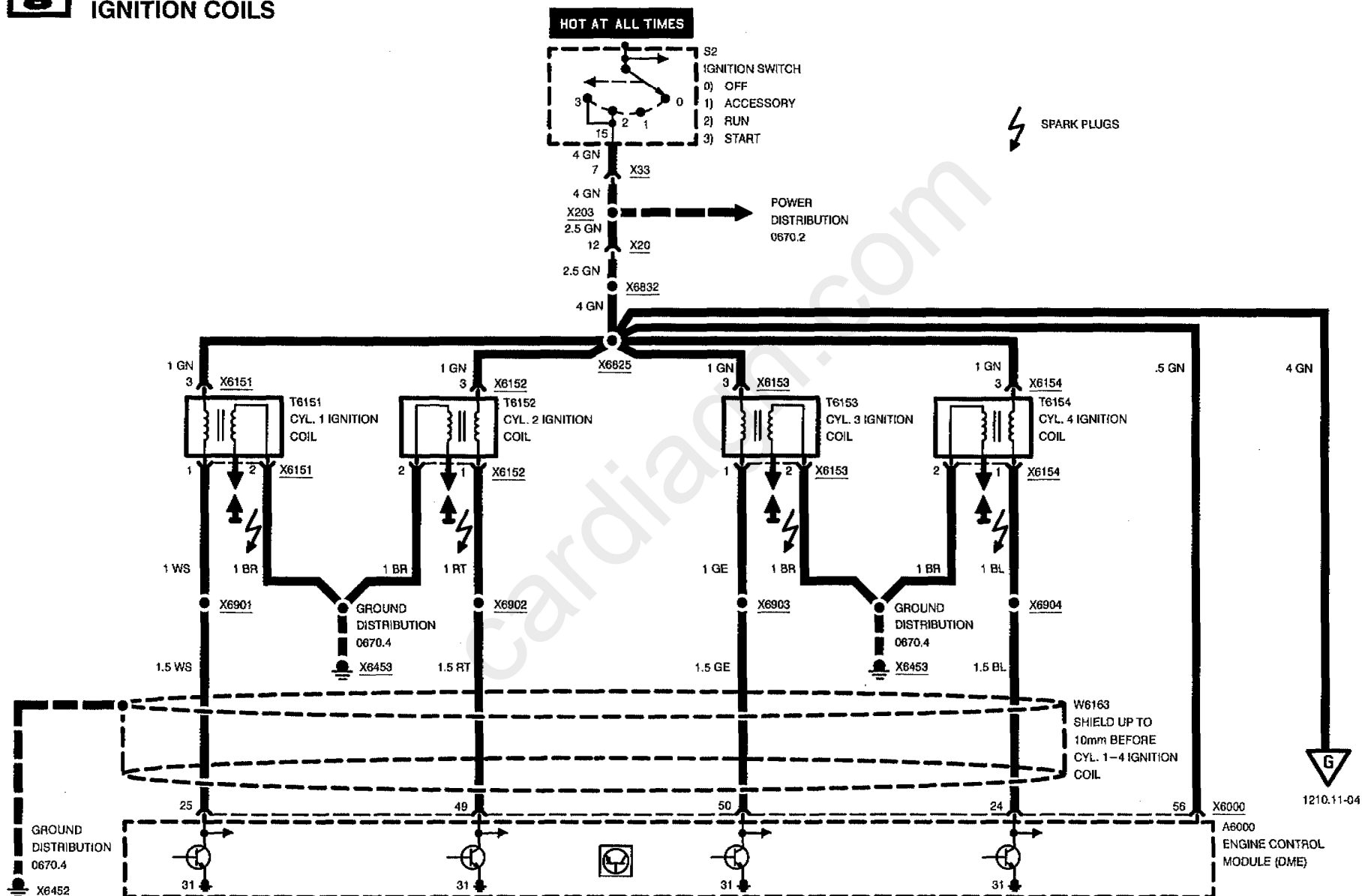






ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

IGNITION COILS



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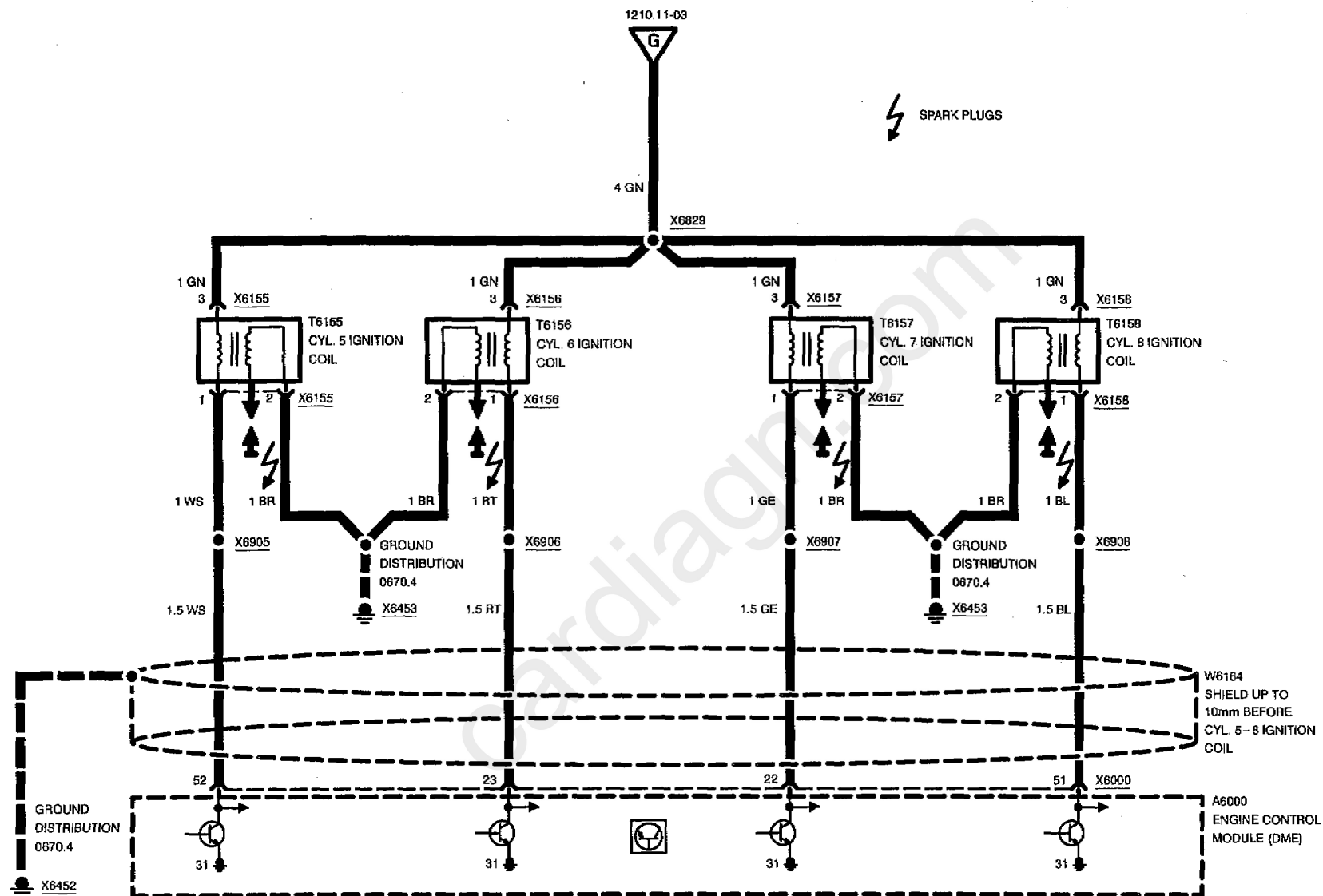
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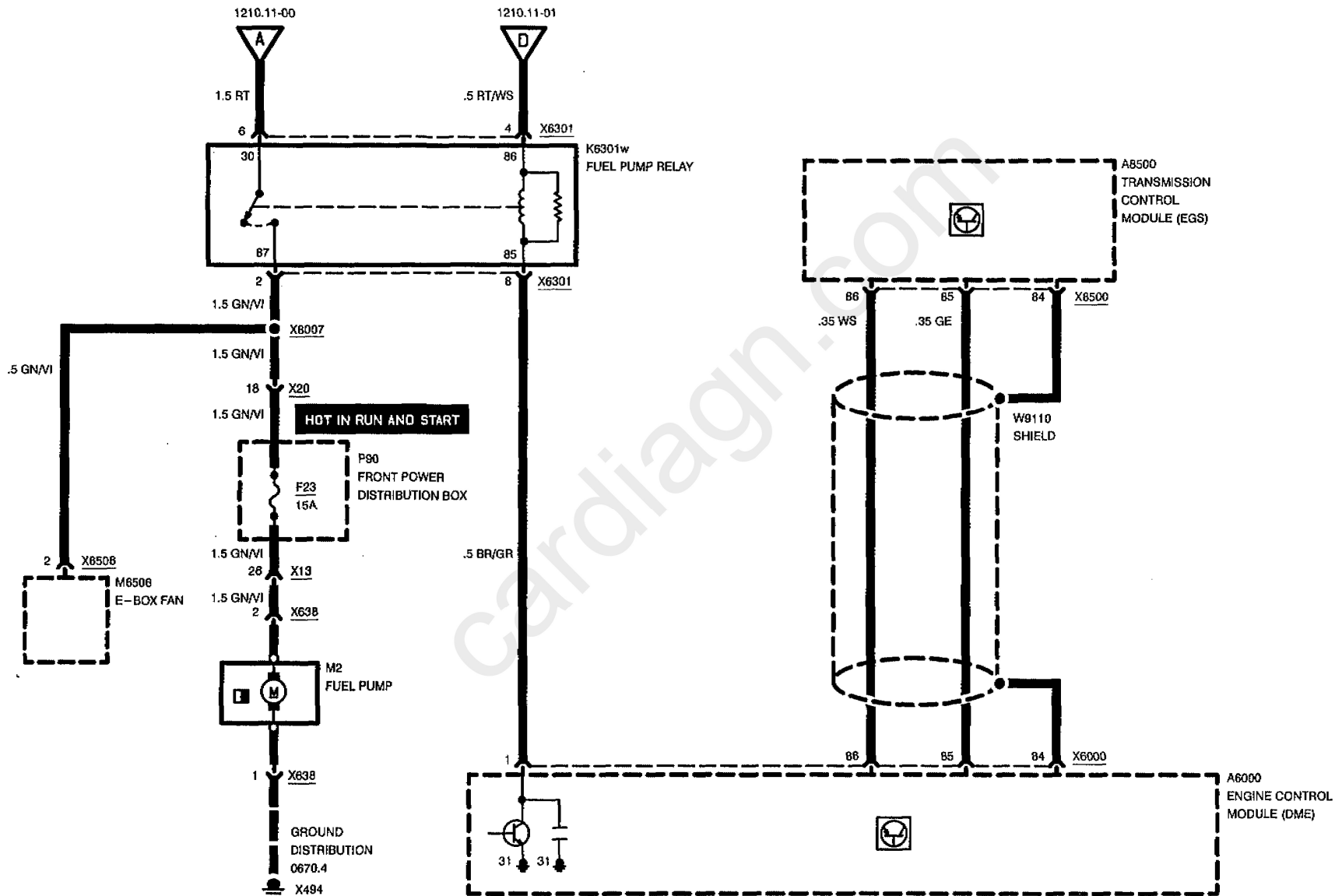
ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

IGNITION COILS





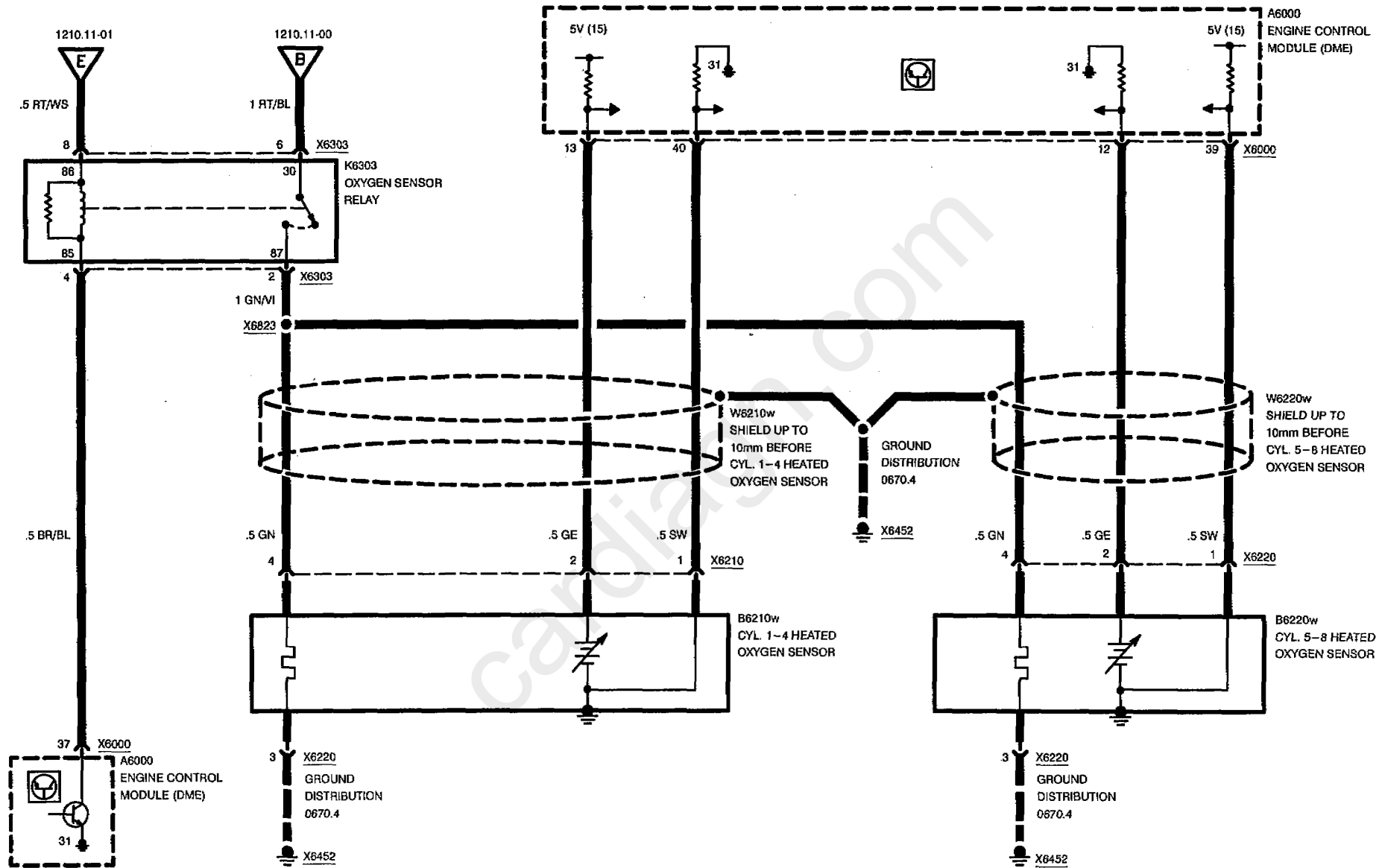
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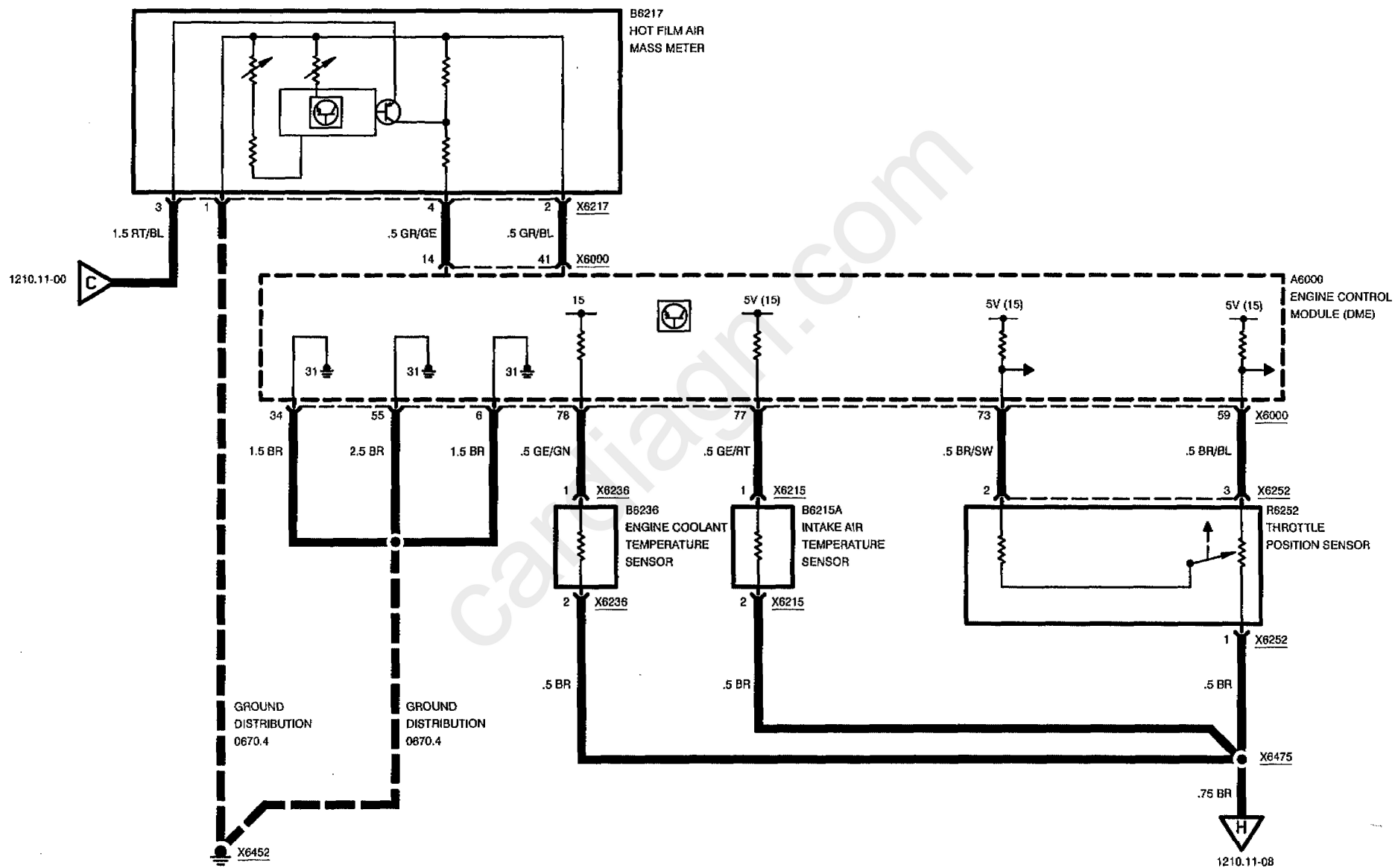
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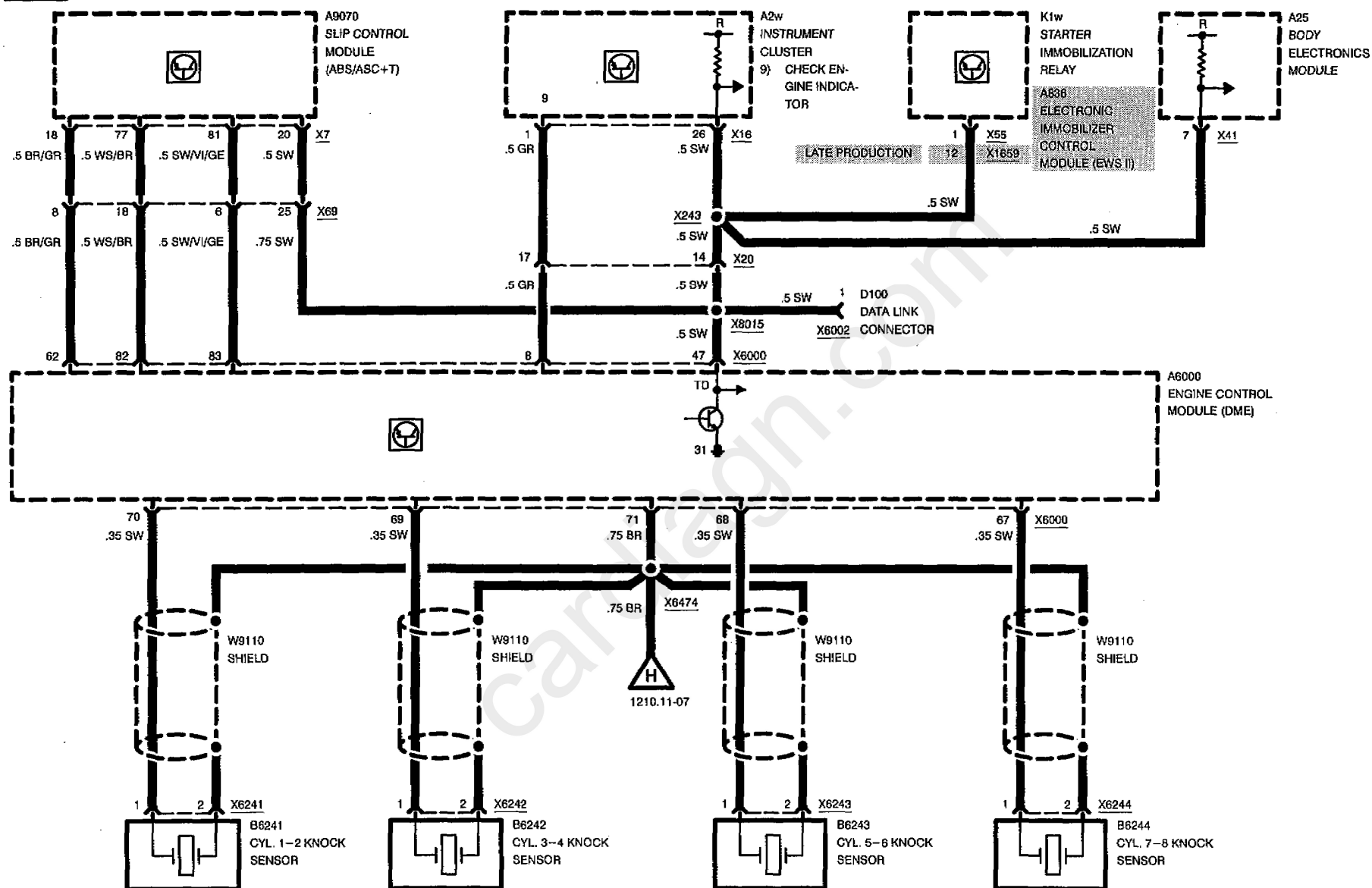
OXYGEN SENSORS



ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

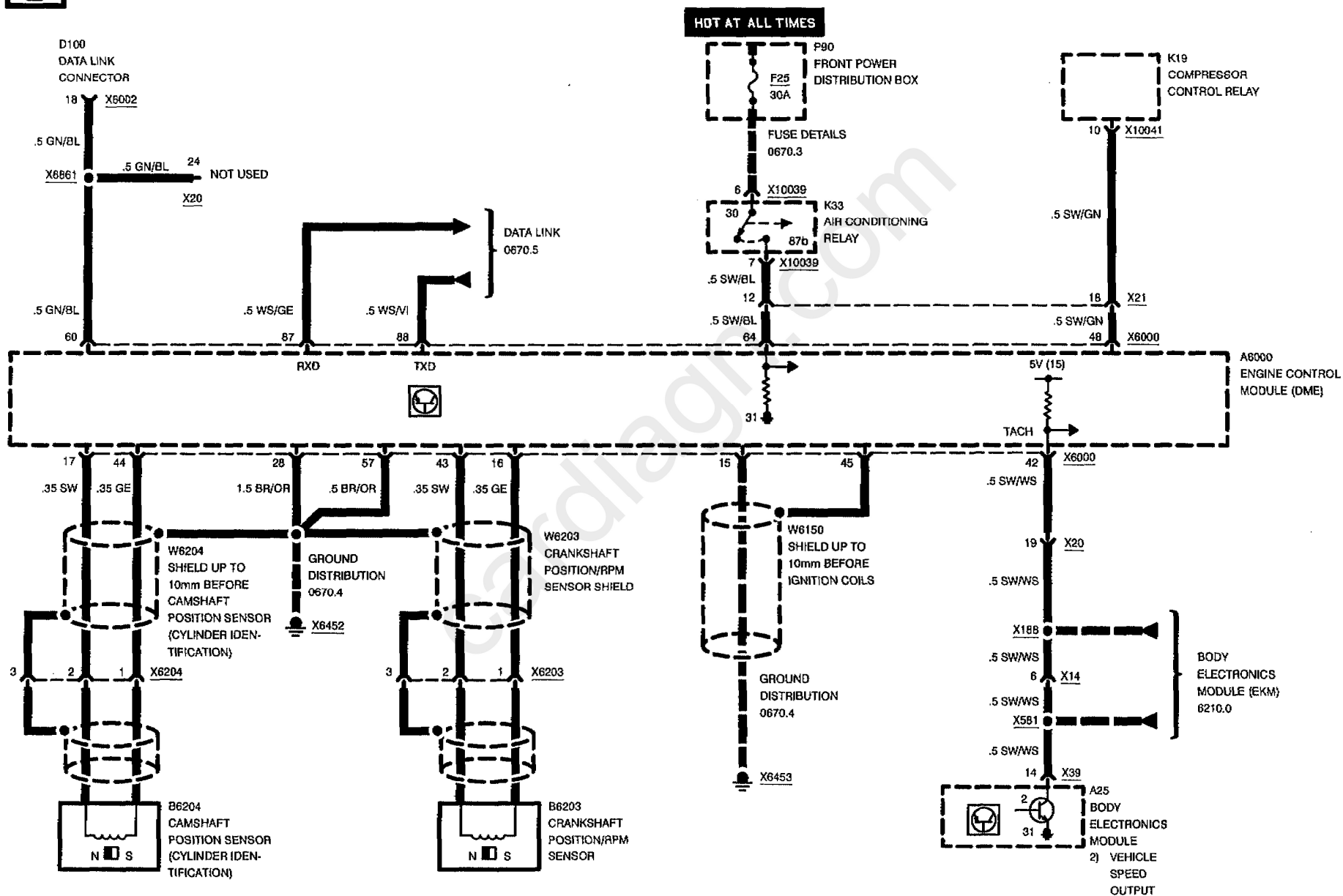
SENSORS







ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)



ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

