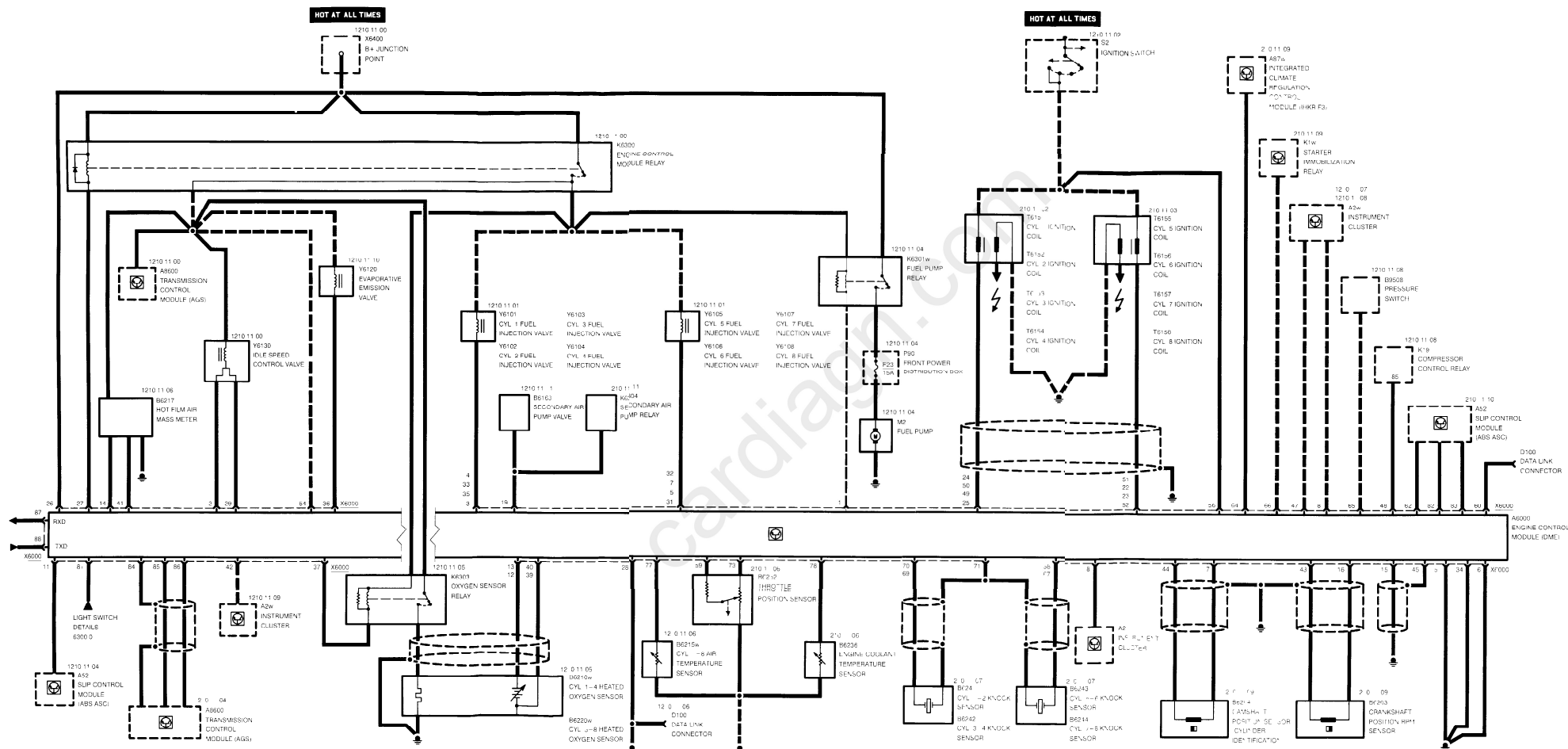
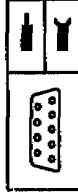




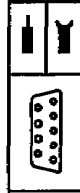


Pin Assignments

X6000

Pin	Type	Description/Function	Connection
1	A	Fuel pump relay	Fuel pump relay
2	A	Close ZWD	Idle speed control valve
3	A	Injection valve 1	Injection valve
4	A	Injection valve 4	Injection valve
5	A	Injection valve 6	Injection valve
6	M	Ground, injection valves	Ground point
7	A	Injection valve 7	Injection valve
8	A	Fault indicator lamp	Instrument Cluster
9		Not used	
10		Not used	
11	A	Throttle angle signal	Slip control module (ABS/ASC)
12	E	Oxygen sensor 2 signal	Oxygen sensor
13	E	Oxygen sensor 1 signal	Oxygen sensor
14	M	Ground HLM (HFM)	Mass air flow sensor
15	M	Signal, ignition circuit monitoring	Ground connection
16	E	KWG signal	Crankshaft sensor
17	E	NWG signal	Camshaft sensor
18		Not used	
19	A	Activation, Secondary air pump	Relay/Valve air pump
20		Not used	
21		Not used	
22	A	Ignition 7	Ignition coil
23	A	Ignition 6	Ignition coil
24	A	Ignition 4	Ignition coil
25	A	Ignition 1	Ignition coil
26	E	Continuous pulse	B+ junction coil
27	A	Activation, main relay	Main relay
28	M	Ground, electronics/shield/sensors	Ground point
29	A	ZWD open	Idle speed control valve
30		Not used	

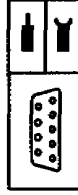
E = Input, A = Output, M = Ground



Pin Assignments

Pin	Type	Description/Function	Connection
31	A	Injection valve 5	Injection valve
32	A	Injection valve 8	Injection valve
33	A	Injection valve 3	Injection valve
34	M	Ground, remaining output stages	Ground connection
35	A	Injection valve 2	Injection valve
36	A	Evaporative emission	Carbon canister
37	A	Heated oxygen sensor relay	Oxygen sensor relay
38		Not used	
39	M	Ground, oxygen sensor 2	Oxygen sensor 2
40	M	Ground, oxygen sensor 1	Oxygen sensor 1
41	E	HLM signal (HFM)	Mass air flow sensor
42	E	Speed signal	Instrument cluster
43	M	KWG ground	Crankshaft sensor
44	M	NWG ground	Camshaft sensor
45	M	Ground, ignition circuit monitoring	Shield
46	A	KVA signal	Instrument cluster
47	A	TD signal	Instrument cluster
48	A	A/C compressor signal	A/C compressor relay
49	A	Ignition 2	Ignition coil
50	A	Ignition 3	Ignition coil
51	A	Ignition 8	Ignition coil
52	A	Ignition 5	Ignition coil
53		Not used	
54	E	Engine control module relay, voltage	Engine control module relay
55	M	Ground, ignition	Ground connection
56	E	Terminal 15	Ignition switch
57		Not used	
58		Not used	
59	A	+5V supply	Throttle control potentiometer
60	E	Programming voltage input	Data link connector
61		Not used	
62	A	S-EML	ASC+T control module

E = Input, A = Output, M = Ground



Pin Assignments

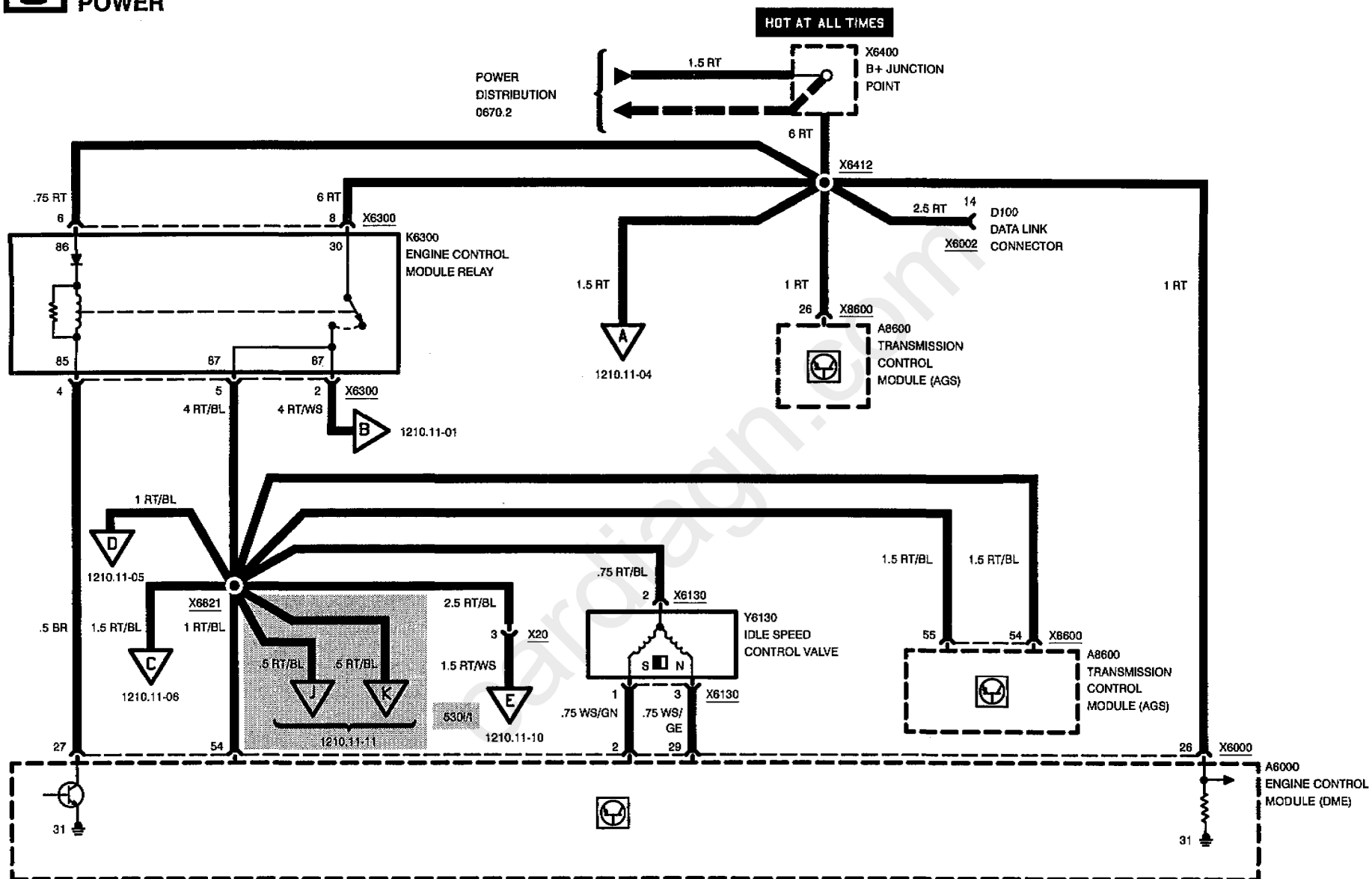
Pin	Type	Description/Function	Connection
63		Not used	
64	E	A/C signal	A/C control module
65	E	A/C compressor signal	Pressure switch
66	E	Drive away protection signal	Starter immobilization relay
67	E	Knock sensor 4 signal	Knock sensor
68	E	Knock sensor 3 signal	Knock sensor
69	E	Knock sensor 2 signal	Knock sensor
70	E	Knock sensor 1 signal	Knock sensor
71	M	Ground, analog signals and knock sensors	Sensors
72		Not used	
73	E	Signal, throttle (DK) sensor	Throttle control potentiometer
74		Not used	
75		Not used	
76		Not used	
77	E	Intake air temperature	Intake air temperature sensor
78	E	Coolant temperature	Coolant temperature sensor
79		Not used	
80		Not used	
81	E	S-FS low beam	Light switch
82	E	Signal, engine drag torque control	ASC+T
83	E	Signal, drive slip control	ASC+T
84	A	CAN shield	Transmission control module
85	E/A	CAN-L	Transmission control module
86	E/A	CAN-H	Transmission control module
87	E	RxD diagnostic data link	Diagnostic bus
88	E/A	TxD diagnostic data link	Diagnostic bus

E = Input, A = Output, M = Ground



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

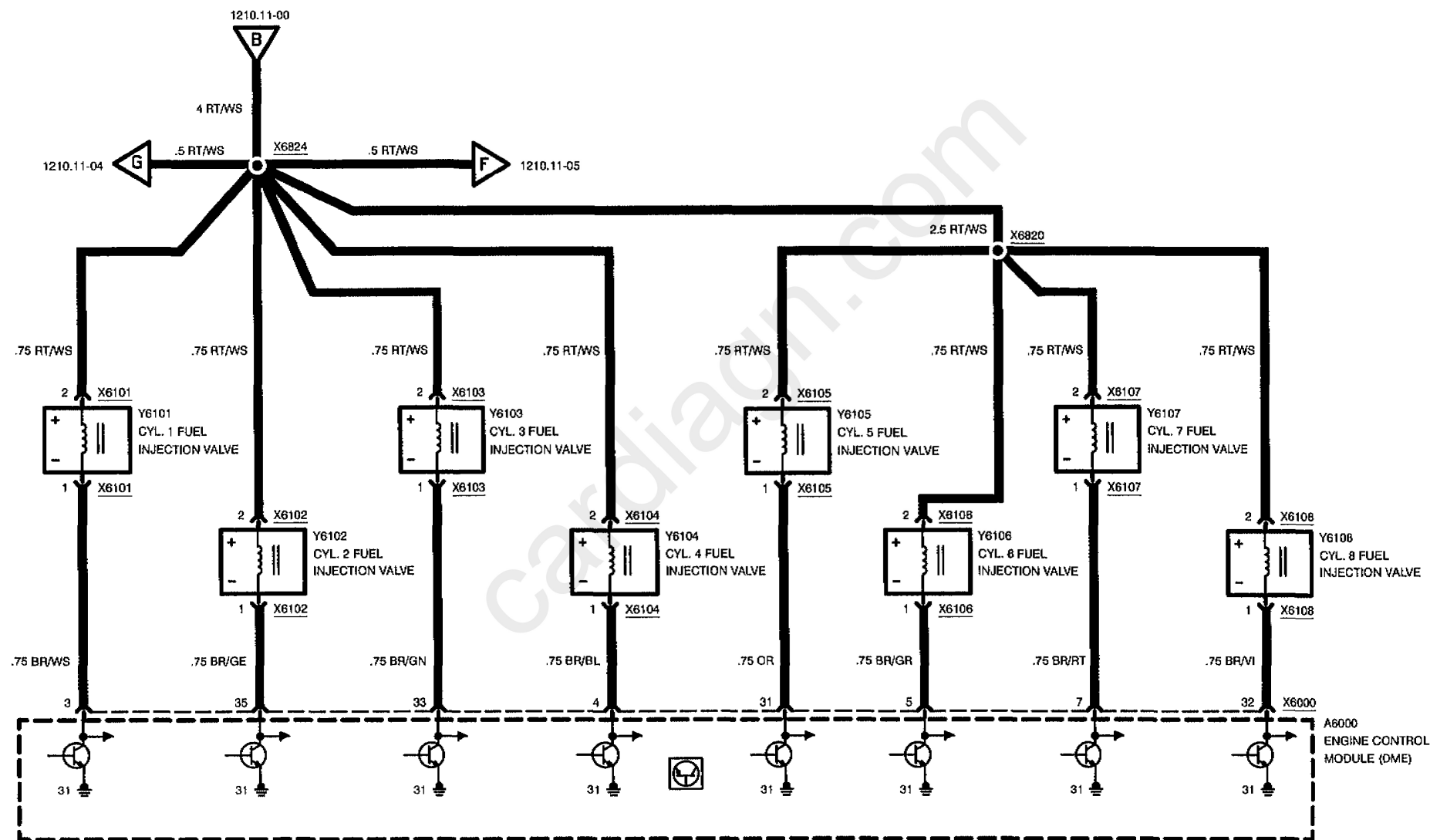
POWER





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

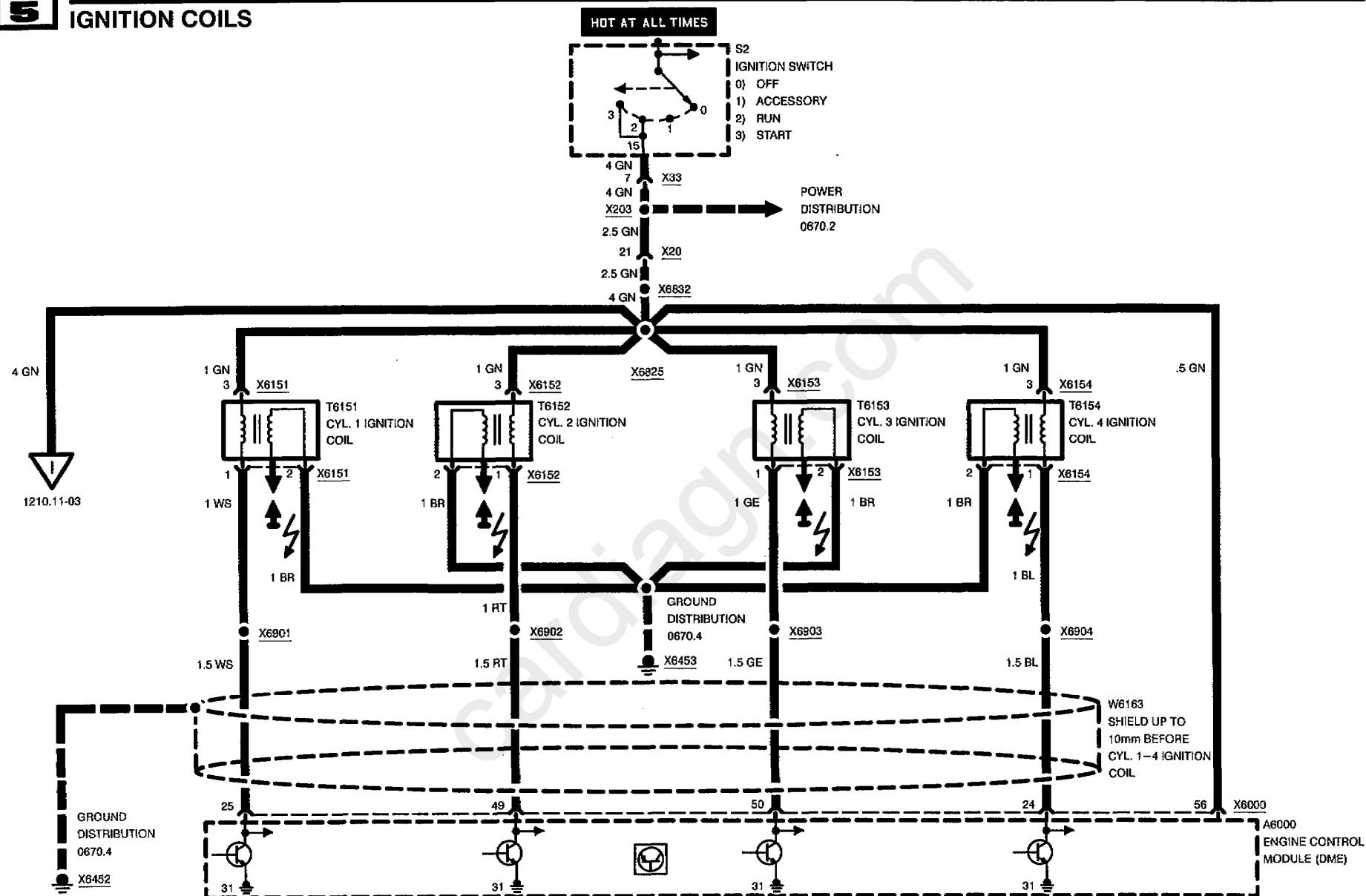
FUEL INJECTION VALVES





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

IGNITION COILS



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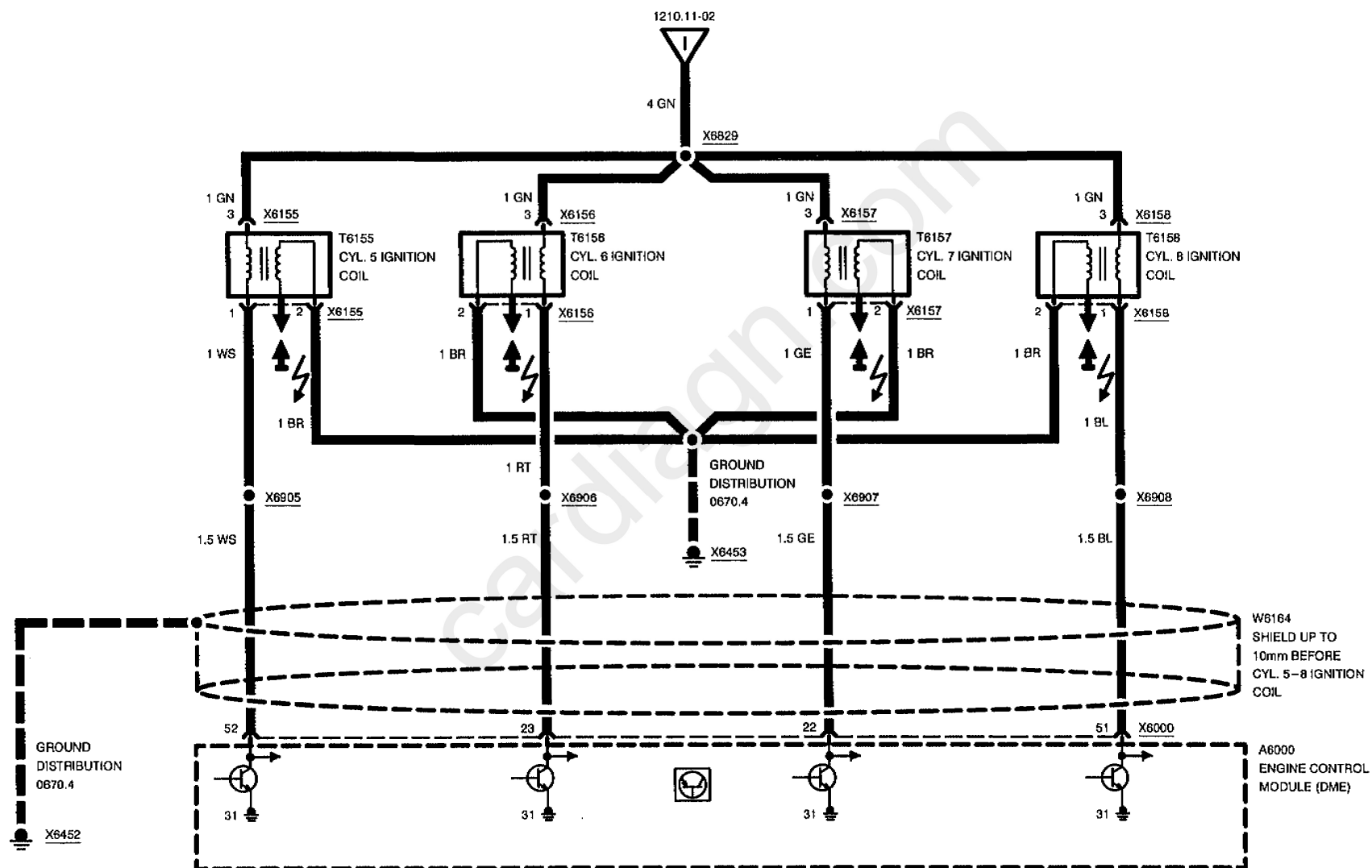
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ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

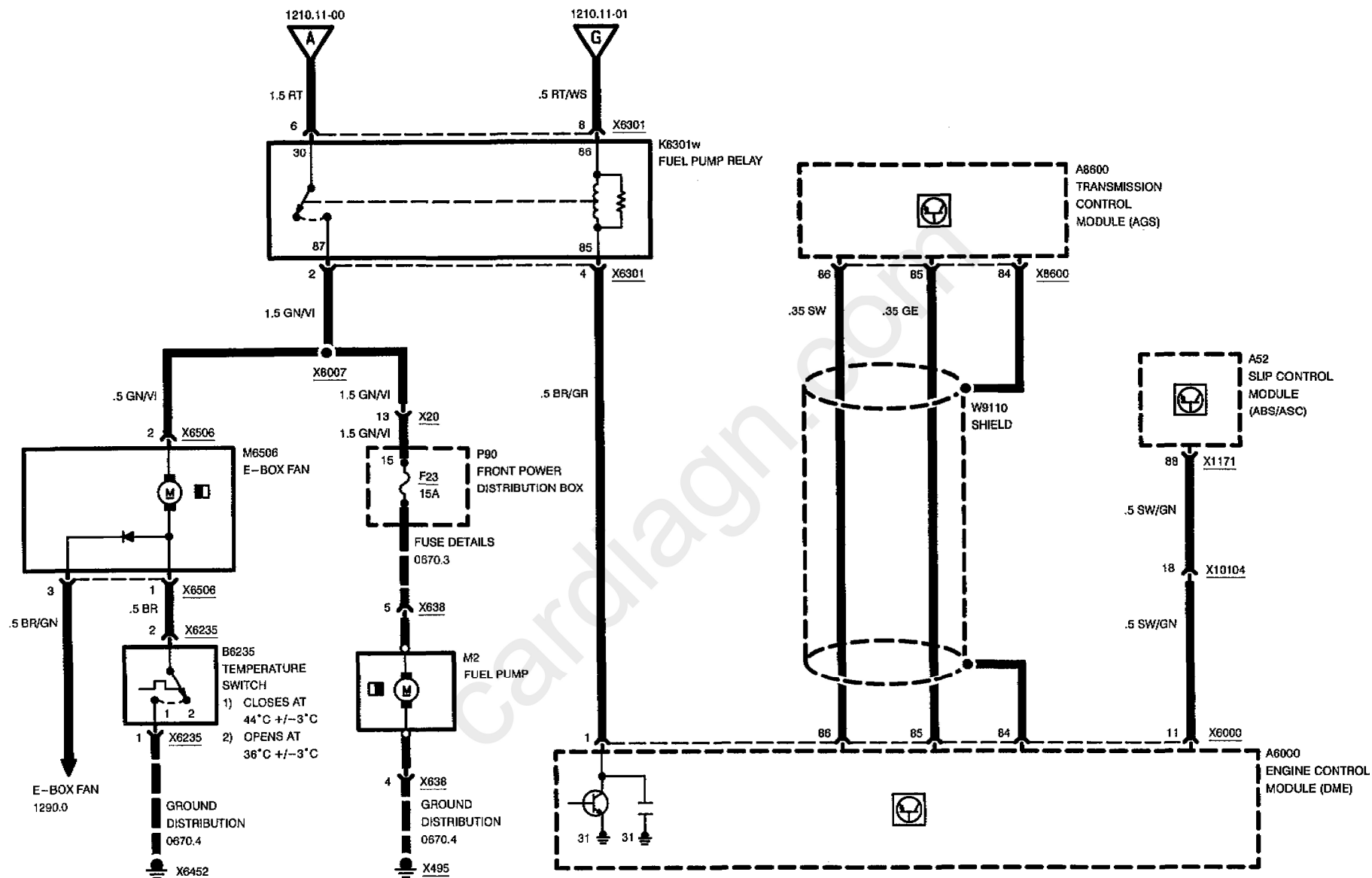
IGNITION COILS





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

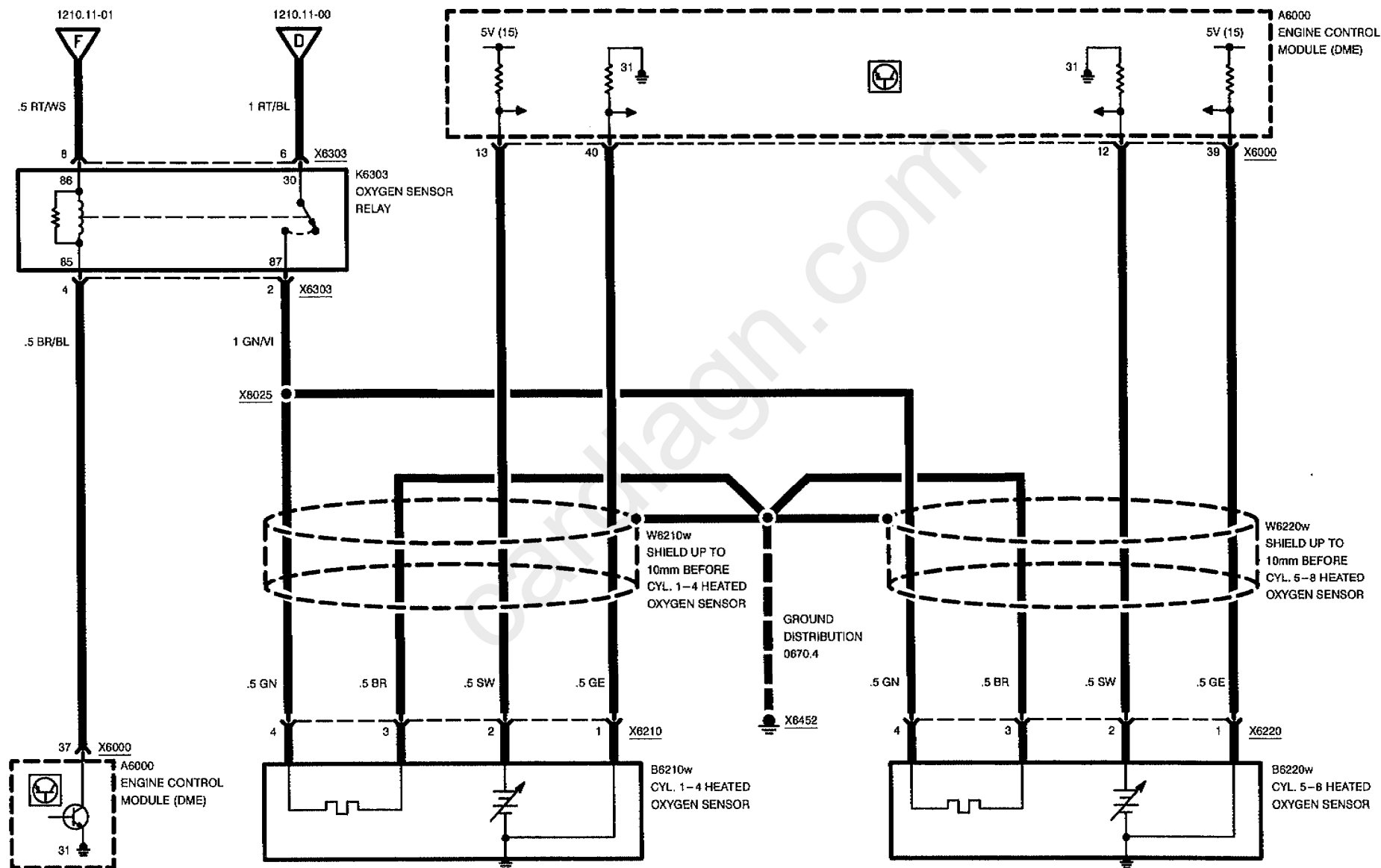
FUEL PUMP





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

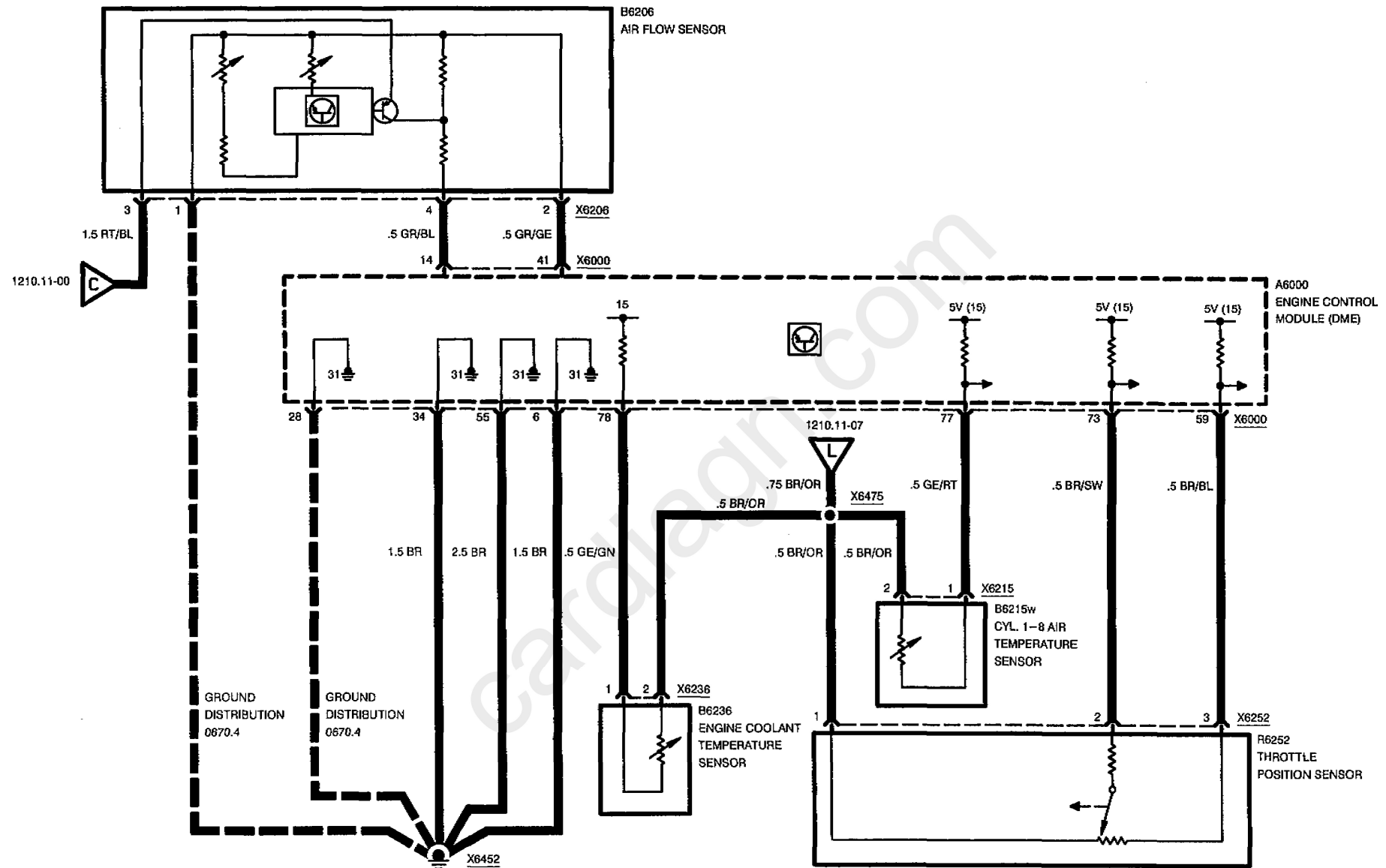
OXYGEN SENSORS





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

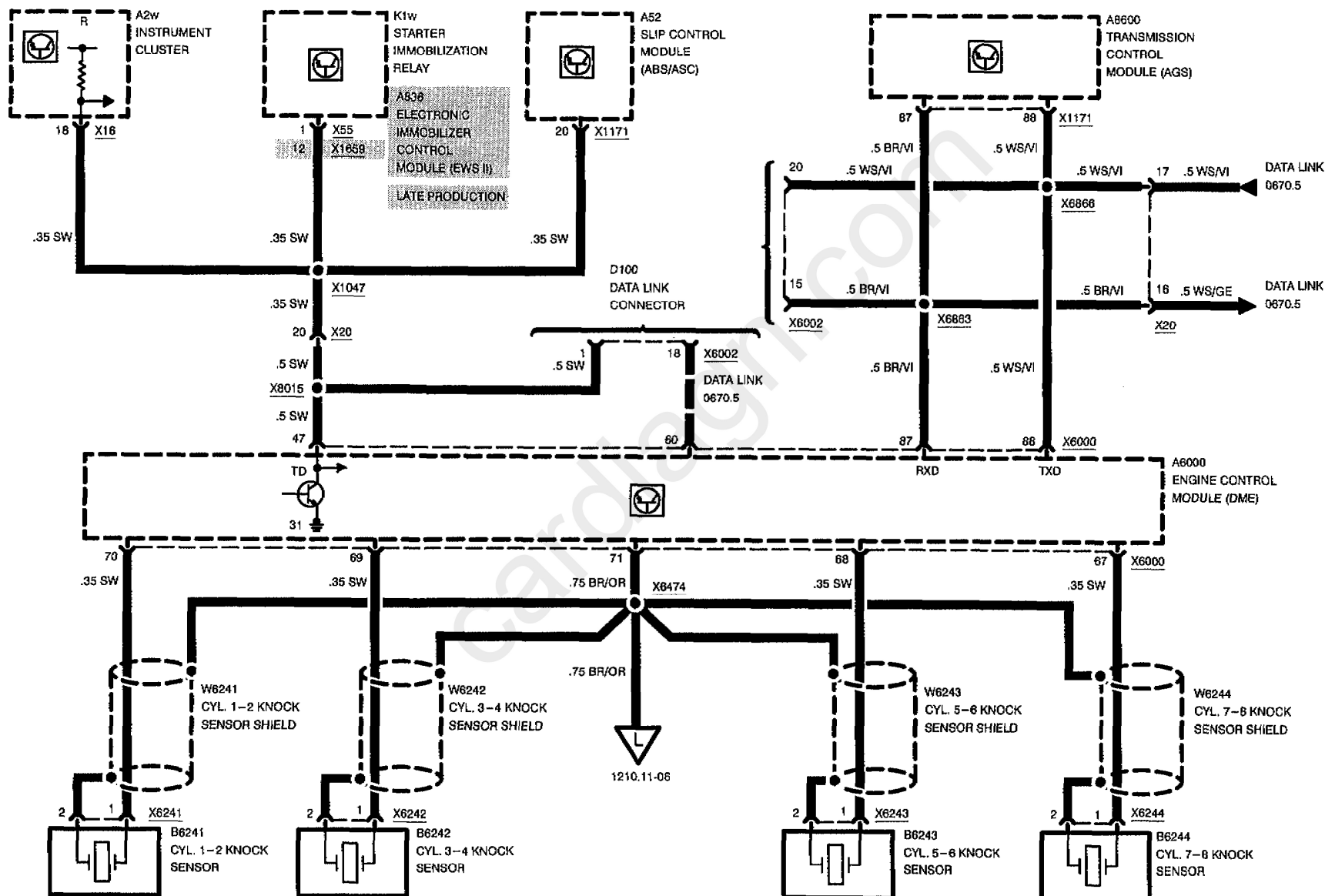
SENSORS





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

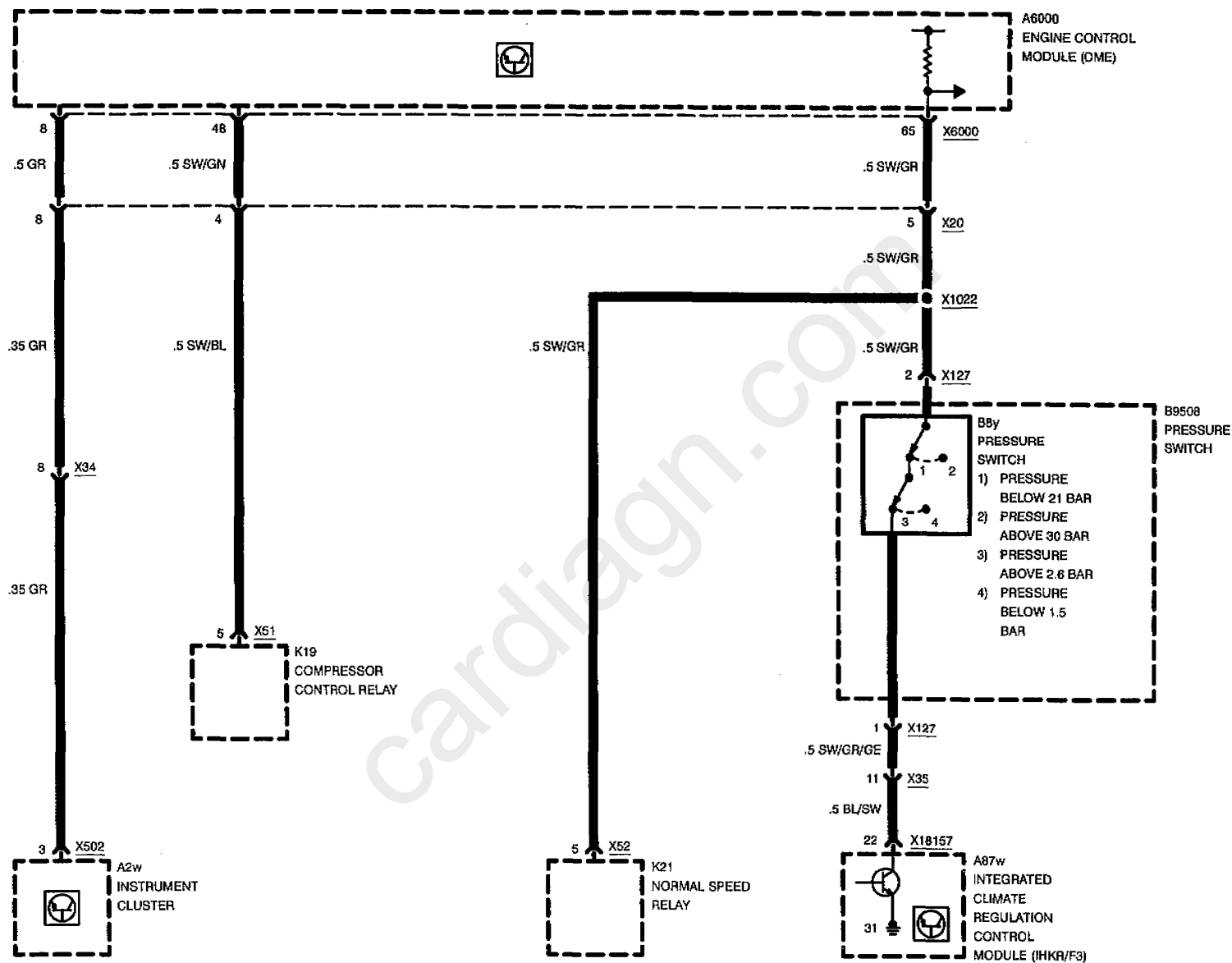
DATA LINK, KNOCK SENSORS

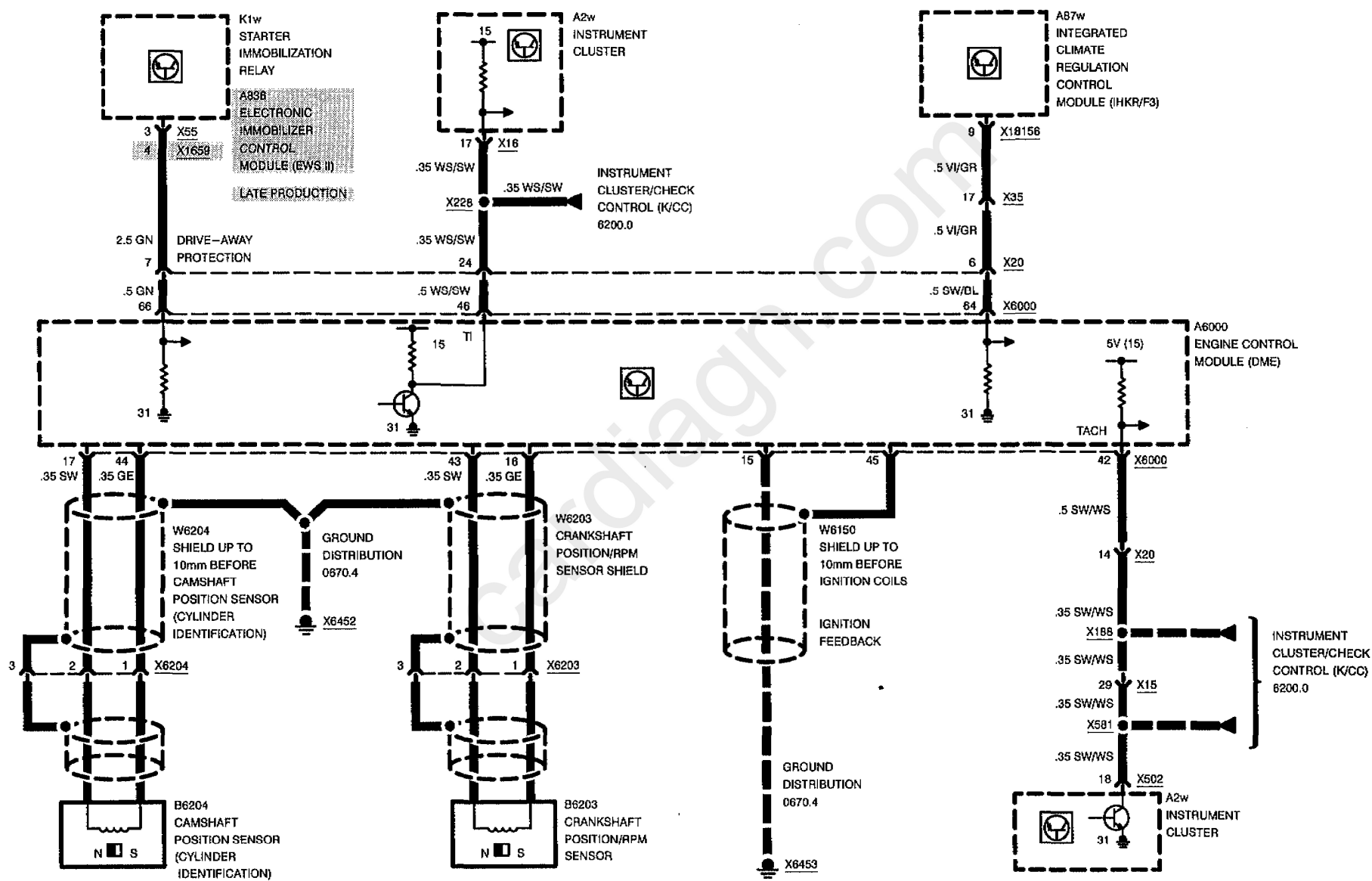


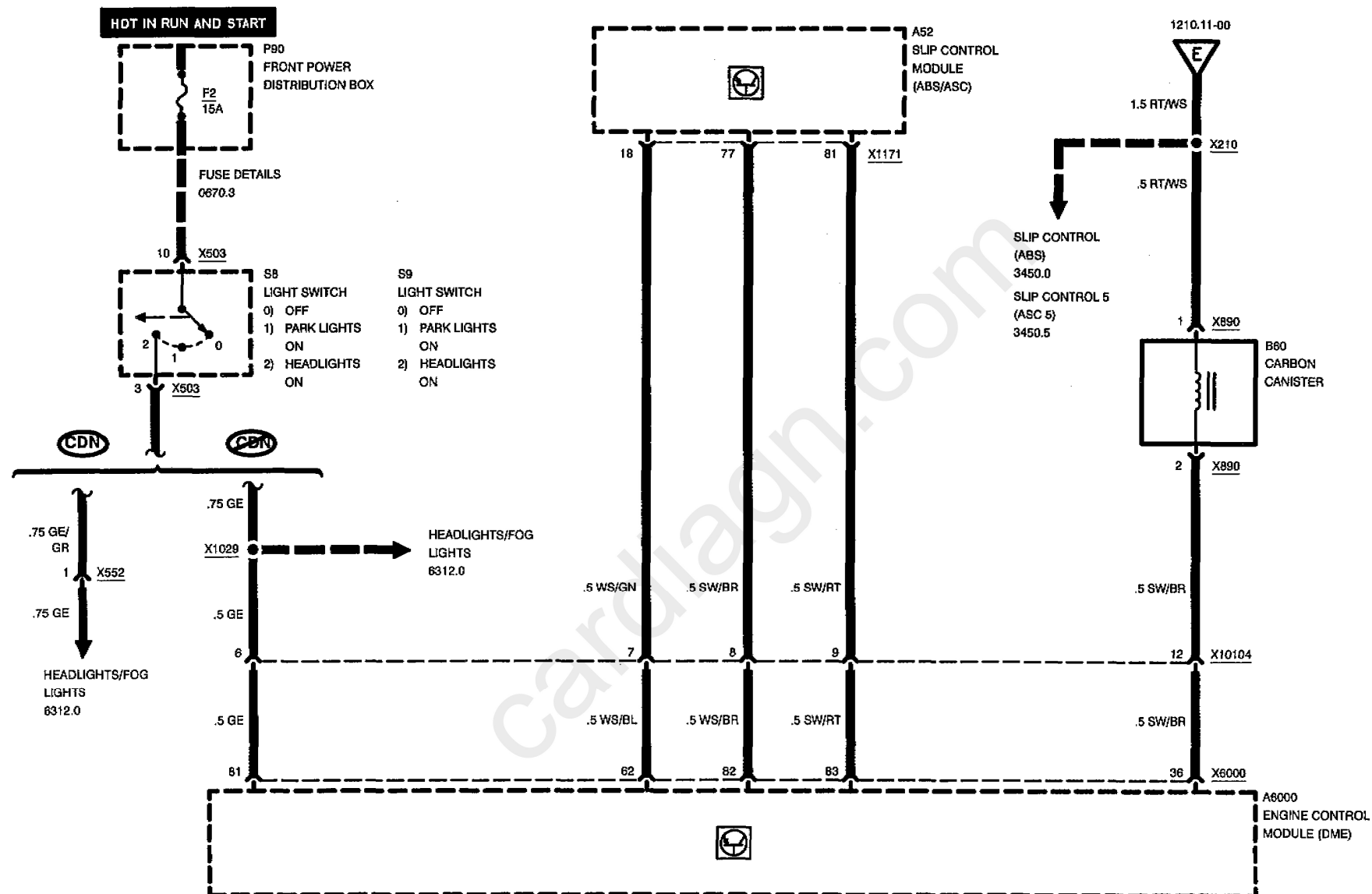
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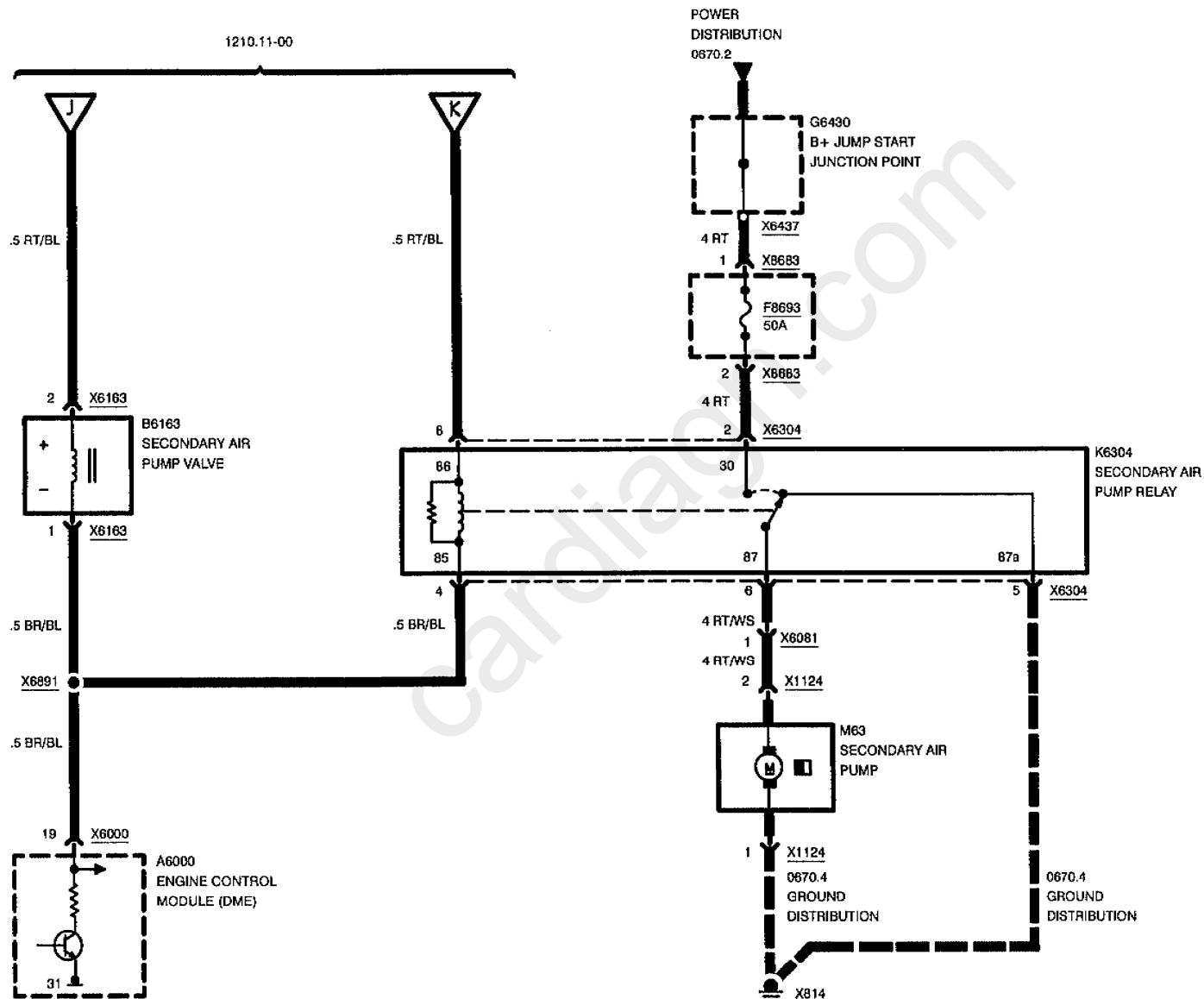






ENGINE CONTROL SYSTEM (DME M3.3, 8-CYLINDER M60)

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