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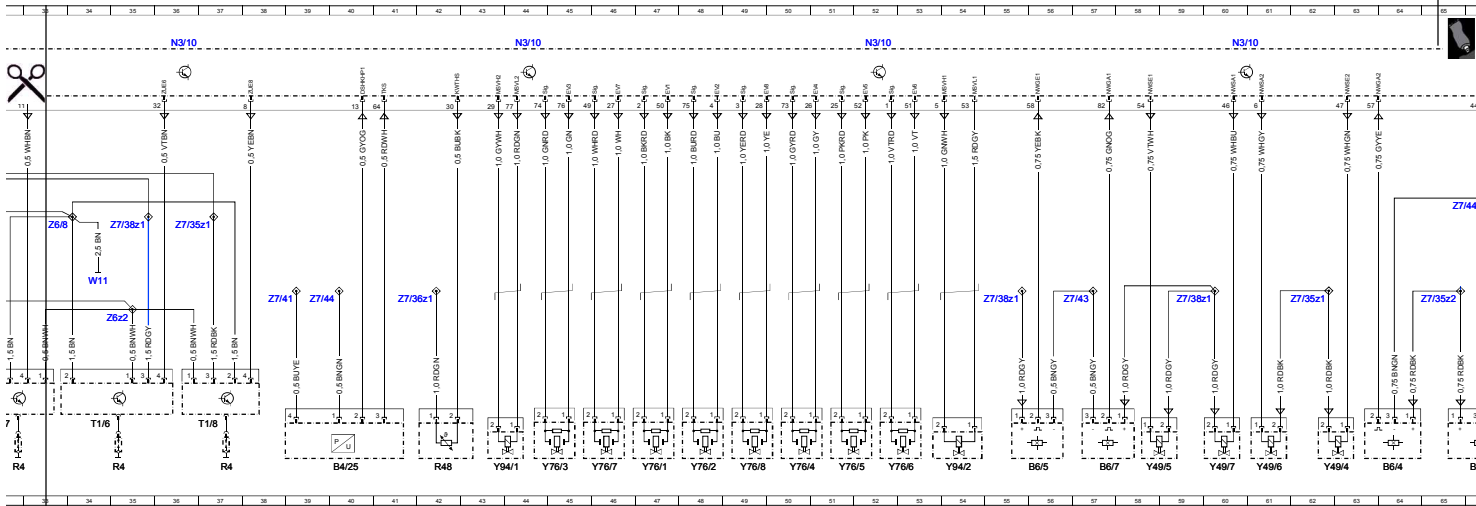
Document title: Wiring diagram for gasoline direct injection system control unit

Code:	Designation:	Position:
A0	Color code key	80L
A29/1	Left cylinder bank front knock sensor	8L
A29/2	Left cylinder bank rear knock sensor	11L
A30/1	Right cylinder bank front knock sensor	9L
A30/2	Right cylinder bank rear knock sensor	11L
B28/4	Pressure sensor downstream of left cylinder bank air filter	67L
B28/7	Pressure sensor downstream of throttle valve	69L
B4/25	Fuel tank pressure and temperature sensor	40L
B40	Oil sensor (oil level, temperature and quality)	6L
B6/4	Left intake camshaft Hall sensor	64L
B6/5	Right intake camshaft Hall sensor	56L
B6/6	Left exhaust camshaft Hall sensor	66L
B6/7	Right exhaust camshaft Hall sensor	57L
B70	Crankshaft Hall sensor	71L
G2	Alternator	2L
G2	Alternator	4L
M16/6	Throttle valve actuator	14L
M16/6m1	Actuator motor	14K
M16/6r1	Actual value potentiometer 1	14K
M16/6r2	Actual value potentiometer 2	14K
N10/1	Front SAM control unit with fuse and relay module	28L
N3/10	ME-SFI [ME] control unit	4A
N3/10	ME-SFI [ME] control unit	12A
N3/10	ME-SFI [ME] control unit	28A
N3/10	ME-SFI [ME] control unit	20A
N3/10	ME-SFI [ME] control unit	36A
N3/10	ME-SFI [ME] control unit	44A
N3/10	ME-SFI [ME] control unit	52A
N3/10	ME-SFI [ME] control unit	60A
N3/10	ME-SFI [ME] control unit	68A
R4	Spark plugs	22L
R4	Spark plugs	18L
R4	Spark plugs	20L
R4	Spark plugs	24L
R4	Spark plugs	32L
R4	Spark plugs	31L
R4	Spark plugs	37L
R4	Spark plugs	35L
R48	Coolant thermostat heating element	42L
S43	Oil level check switch	73L
T1/1	Cylinder 1 ignition coil	19K
T1/2	Cylinder 2 ignition coil	21K
T1/3	Cylinder 3 ignition coil	24K
T1/4	Cylinder 4 ignition coil	18K
T1/5	Cylinder 5 ignition coil	30K
T1/6	Cylinder 6 ignition coil	34K
T1/7	Cylinder 7 ignition coil	32K
T1/8	Cylinder 8 ignition coil	37K
U1019	Valid for gasoline engine 278	1E
U1019	Valid for gasoline engine 278	72E
U1028	Valid for engine 157	3E
W11	Combustion engine ground point	21G
W11	Combustion engine ground point	34G
W16/5	Left major assembly compartment electronics ground point	26L
X26	Interior and engine wiring harness electrical connector	25G
X26	Interior and engine wiring harness electrical connector	8E
X26	Interior and engine wiring harness electrical connector	10E

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X26	Interior and engine wiring harness electrical connector	13E
Y49/4	Left intake camshaft solenoid	62L
Y49/5	Right intake camshaft solenoid	58L
Y49/6	Left exhaust camshaft solenoid	61L
Y49/7	Right exhaust camshaft solenoid	60L
Y76/1	Cylinder 1 fuel injector	47L
Y76/2	Cylinder 2 fuel injector	48L
Y76/3	Cylinder 3 fuel injector	45L
Y76/4	Cylinder 4 fuel injector	50L
Y76/5	Cylinder 5 fuel injector	51L
Y76/6	Cylinder 6 fuel injector	52L
Y76/7	Cylinder 7 fuel injector	46L
Y76/8	Cylinder 8 fuel injector	49L
Y77/1	Boost pressure positioner	17L
Y94/1	Left quantity control valve	43L
Y94/2	Right quantity control valve	54L
Z203/3	Alternator LIN signal connector sleeve	4G
Z5z1	Connector sleeve in wiring harness	68G
Z6/8	Sensor ground connector sleeve	33E
Z6z1	Circuit 31 connector sleeve	21G
Z6z1	Circuit 31 connector sleeve	26E
Z6z2	Circuit 31 connector sleeve	5G
Z6z2	Circuit 31 connector sleeve	35G
Z6z2	Circuit 31 connector sleeve	21E
Z7/35z1	Circuit 87 M1e connector sleeve	23E
Z7/35z1	Circuit 87 M1e connector sleeve	29E
Z7/35z1	Circuit 87 M1e connector sleeve	36E
Z7/35z1	Circuit 87 M1e connector sleeve	62G
Z7/35z2	Circuit 87 M1e connector sleeve	29C
Z7/35z2	Circuit 87 M1e connector sleeve	65G
Z7/36z1	Circuit 87 M2e connector sleeve	16E
Z7/36z1	Circuit 87 M2e connector sleeve	28E
Z7/36z1	Circuit 87 M2e connector sleeve	41G
Z7/36z2	Circuit 87 M2e connector sleeve	7G
Z7/36z2	Circuit 87 M2e connector sleeve	16G
Z7/38z1	Circuit 87 M1i connector sleeve	26E
Z7/38z1	Circuit 87 M1i connector sleeve	35E
Z7/38z1	Circuit 87 M1i connector sleeve	59G
Z7/38z1	Circuit 87 M1i connector sleeve	55G
Z7/41	Sensor voltage supply connector sleeve	38G
Z7/41	Sensor voltage supply connector sleeve	71G
Z7/43	Sensor ground connector sleeve	57G
Z7/44	Sensor ground connector sleeve	39G
Z7/44	Sensor ground connector sleeve	70G
Z7/44	Sensor ground connector sleeve	65E



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