

Document number: pe07.08-p-2101-97dai

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

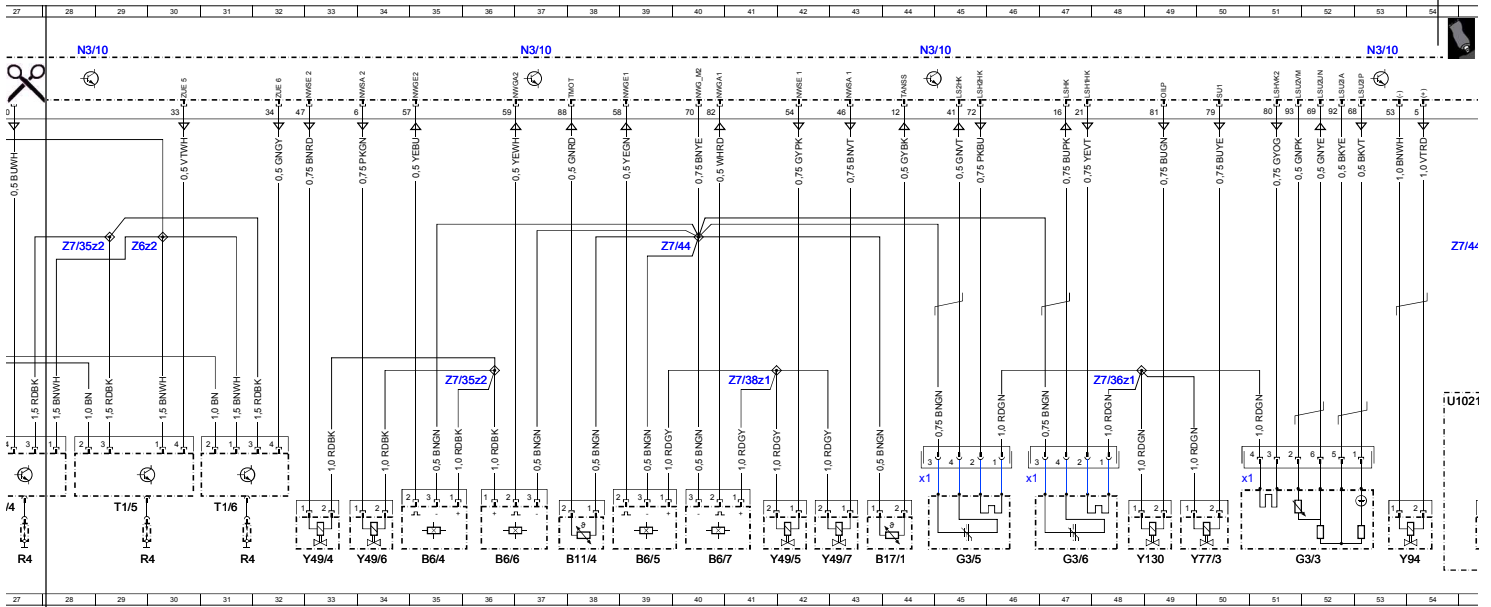
Code:	Designation:	Position:
A0	Color code key	80A
A16/1	Right knock sensor	2L
A16/2	Left knock sensor	1L
B11/4	Coolant temperature sensor	38L
B17	Intake air temperature sensor	55L
B17/1	Intake manifold intake air temperature sensor	44L
B2/5	Hot film mass air flow sensor	58L
B2/5b1	Intake air temperature sensor	58L
B28/7	Pressure sensor downstream of throttle valve	65L
B4/25	Fuel tank pressure and temperature sensor	68L
B6/4	Left intake camshaft Hall sensor	35L
B6/5	Right intake camshaft Hall sensor	39L
B6/6	Left exhaust camshaft Hall sensor	36L
B6/7	Right exhaust camshaft Hall sensor	40L
B70	Crankshaft Hall sensor	67L
G3/3	Left oxygen sensor upstream of catalytic converter	52L
G3/3x1	Electrical connector for left oxygen sensor upstream of catalytic converter	50J
G3/4	Right oxygen sensor upstream of catalytic converter	15L
G3/4x1	Electrical connector for right oxygen sensor upstream of catalytic converter	14J
G3/5	Left oxygen sensor downstream of catalytic converter	45L
G3/5x1	Electrical connector for left oxygen sensor downstream of catalytic converter	44J
G3/6	Right oxygen sensor downstream of catalytic converter	47L
G3/6x1	Electrical connector for right oxygen sensor downstream of catalytic converter	46J
M16/45b1	Right Hall sensor	64L
M16/45b2	Left Hall sensor	62L
M16/45m1	Right exhaust gas recirculation actuation motor	63L
M16/45m2	Left exhaust gas recirculation actuation motor	60L
M16/6	Throttle valve actuator	12L
M16/6m1	Actuator motor	11K
M16/6r1	Actual value potentiometer 1	12K
M16/6r2	Actual value potentiometer 2	12K
M16/6r3	Sliding contact 1 actual value potentiometer	11K
M16/6r4	Sliding contact 2 actual value potentiometer	11K
N10/1	Front SAM control unit with fuse and relay module	73L
N3/10	ME-SFI [ME] control unit	4A
N3/10	ME-SFI [ME] control unit	12A
N3/10	ME-SFI [ME] control unit	20A
N3/10	ME-SFI [ME] control unit	28A
N3/10	ME-SFI [ME] control unit	37A
N3/10	ME-SFI [ME] control unit	44A
N3/10	ME-SFI [ME] control unit	53A
N3/10	ME-SFI [ME] control unit	61A
N3/10	ME-SFI [ME] control unit	68A
N3/10	ME-SFI [ME] control unit	76A
R4	Spark plugs	21L
R4	Spark plugs	20L
R4	Spark plugs	27L
R4	Spark plugs	23L
R4	Spark plugs	31L
R4	Spark plugs	29L
R48	Coolant thermostat heating element	18L
S43	Oil level check switch	3L
T1/1	Cylinder 1 ignition coil	19K
T1/2	Cylinder 2 ignition coil	21K
T1/3	Cylinder 3 ignition coil	23K
T1/4	Cylinder 4 ignition coil	27K
T1/5	Cylinder 5 ignition coil	29K

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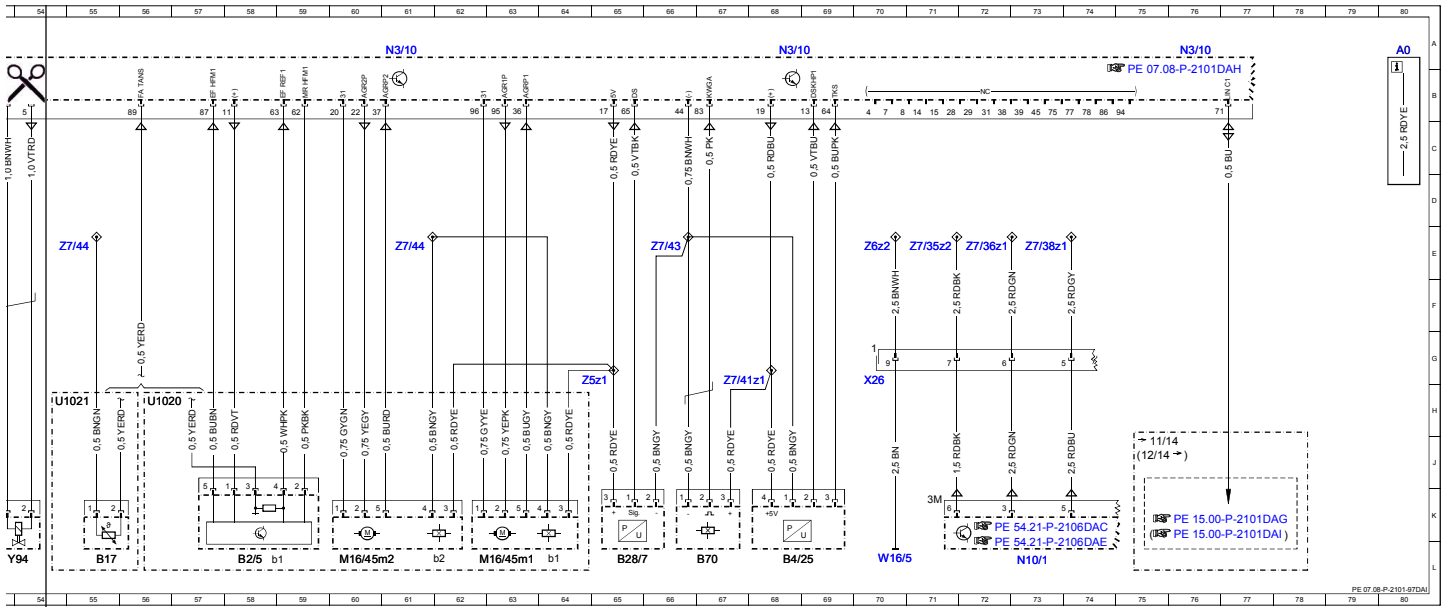
Code:	Designation:	Position:
T1/6	Cylinder 6 ignition coil	31K
U1020	Valid for gasoline engine with stratified operation	56H
U1021	Not valid for gasoline engine with stratified operation	54H
W11	Combustion engine ground point	25L
W16/5	Left major assembly compartment electronics ground point	70L
X26	Interior and engine wiring harness electrical connector	1H
X26	Interior and engine wiring harness electrical connector	70H
Y130	Engine oil pump valve	49L
Y49/4	Left intake camshaft solenoid	33L
Y49/5	Right intake camshaft solenoid	42L
Y49/6	Left exhaust camshaft solenoid	34L
Y49/7	Right exhaust camshaft solenoid	43L
Y76/1	Cylinder 1 fuel injector	4L
Y76/2	Cylinder 2 fuel injector	5L
Y76/3	Cylinder 3 fuel injector	6L
Y76/4	Cylinder 4 fuel injector	7L
Y76/5	Cylinder 5 fuel injector	8L
Y76/6	Cylinder 6 fuel injector	9L
Y77/2	Intake manifold resonance flap switchover valve	17L
Y77/3	Intake manifold selector drum switchover valve	50L
Y94	Quantity control valve	53L
Z2/1	Right engine ground connector sleeve	24G
Z2/2	Left engine ground connector sleeve	26G
Z5z1	Connector sleeve in wiring harness	65G
Z6z1	Circuit 31 connector sleeve	21E
Z6z2	Circuit 31 connector sleeve	29E
Z6z2	Circuit 31 connector sleeve	70E
Z7/35z2	Circuit 87 M1e connector sleeve	36G
Z7/35z2	Circuit 87 M1e connector sleeve	28E
Z7/35z2	Circuit 87 M1e connector sleeve	71E
Z7/36z1	Circuit 87 M2e connector sleeve	17G
Z7/36z1	Circuit 87 M2e connector sleeve	48G
Z7/36z1	Circuit 87 M2e connector sleeve	72E
Z7/38z1	Circuit 87 M1i connector sleeve	41G
Z7/38z1	Circuit 87 M1i connector sleeve	23E
Z7/38z1	Circuit 87 M1i connector sleeve	73E
Z7/41z1	Sensor power supply connector sleeve	67G
Z7/43	Sensor ground connector sleeve	66E
Z7/44	Sensor ground connector sleeve	40E
Z7/44	Sensor ground connector sleeve	55E
Z7/44	Sensor ground connector sleeve	61E





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