

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

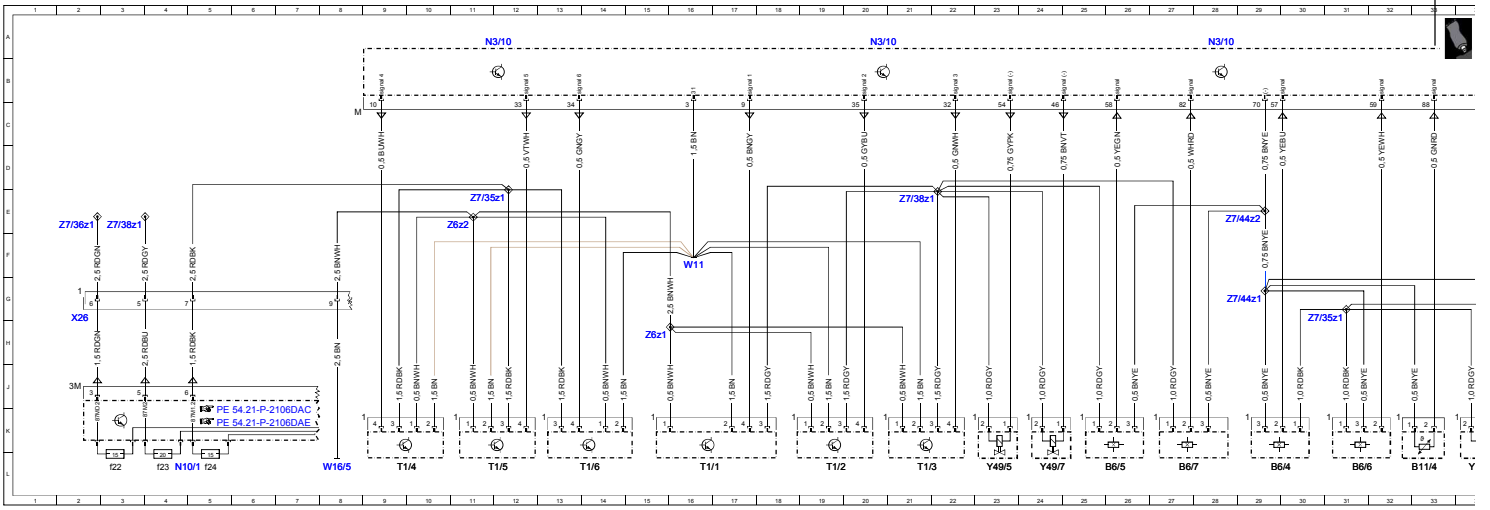
Document title: Wiring diagram for gasoline direct injection system control unit

Code:	Designation:	Position:
A0	Color code key	72L
B11/4	Coolant temperature sensor	33L
B17/8	Charge air temperature sensor	37L
B17/9	Charge air temperature sensor downstream of throttle valve	44L
B28/4	Pressure sensor downstream of left cylinder bank air filter	58L
B28/5	Pressure sensor downstream of air filter	49L
B28/6	Pressure sensor upstream of throttle valve	51L
B28/7	Pressure sensor downstream of throttle valve	52L
B4/25	Fuel tank pressure and temperature sensor	56L
B5/5	Exhaust gas recirculation pressure sensor 1	46L
B5/6	Exhaust gas recirculation pressure sensor 2	47L
B6/4	Left intake camshaft Hall sensor	29L
B6/5	Right intake camshaft Hall sensor	26L
B6/6	Left exhaust camshaft Hall sensor	31L
B6/7	Right exhaust camshaft Hall sensor	27L
B70	Crankshaft Hall sensor	54L
Code 920	Gasoline direct injection with stratified charge	38H
G3/5	Left oxygen sensor downstream of catalytic converter	65L
G3/5b1	Left oxygen sensor element downstream of catalytic converter	64L
G3/5r1	Left oxygen sensor heater downstream of catalytic converter	65L
G3/6	Right oxygen sensor downstream of catalytic converter	67L
G3/6b1	Right oxygen sensor element downstream of catalytic converter	67L
G3/6r1	Right oxygen sensor heater downstream of catalytic converter	68L
G3/6x1	Electrical connector for right oxygen sensor downstream of catalytic converter	64K
G3/6x1	Electrical connector for right oxygen sensor downstream of catalytic converter	66K
N10/1	Front SAM control unit with fuse and relay module	4L
N10/1f22	Fuse 22	3L
N10/1f23	Fuse 23	4L
N10/1f24	Fuse 24	5L
N3/10	ME-SFI [ME] control unit	11A
N3/10	ME-SFI [ME] control unit	20A
N3/10	ME-SFI [ME] control unit	28A
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
R48	Coolant thermostat heating element	63L
T1/1	Cylinder 1 ignition coil	16L
T1/2	Cylinder 2 ignition coil	19L
T1/3	Cylinder 3 ignition coil	21L
T1/4	Cylinder 4 ignition coil	9L
T1/5	Cylinder 5 ignition coil	11L
T1/6	Cylinder 6 ignition coil	14L
U1021	Not valid for gasoline engine with stratified operation	36H
W11	Combustion engine ground point	16F
W16/5	Left major assembly compartment electronics ground point	8L
X26	Interior and engine wiring harness electrical connector	2H
Y101/1	Left bypass air switchover valve	60L
Y27/11	Left exhaust gas recirculation valve	42L
Y27/11y1	Left exhaust gas recirculation valve rotating magnet	42L
Y27/11y1	Left exhaust gas recirculation valve rotating magnet	43L
Y27/12	Right exhaust gas recirculation valve	40L
Y27/12b1	Right exhaust gas recirculation valve Hall sensor	41L
Y27/12y1	Right exhaust gas recirculation valve rotating magnet	39L
Y31/5	Boost pressure control pressure transducer	61L
Y49/4	Left intake camshaft solenoid	34L

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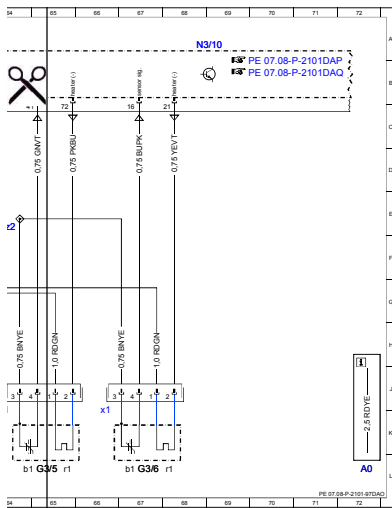
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<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
Y49/5	Right intake camshaft solenoid	23L
Y49/6	Left exhaust camshaft solenoid	35L
Y49/7	Right exhaust camshaft solenoid	24L
Z5/2z1	Sensor voltage supply connector sleeve	46E
Z6z1	Circuit 31 connector sleeve	15H
Z6z2	Circuit 31 connector sleeve	11E
Z7/35z1	Circuit 87 M1e connector sleeve	31G
Z7/35z1	Circuit 87 M1e connector sleeve	11E
Z7/36z1	Circuit 87 M2e connector sleeve	2E
Z7/36z1	Circuit 87 M2e connector sleeve	62G
Z7/38z1	Circuit 87 M1i connector sleeve	3E
Z7/38z1	Circuit 87 M1i connector sleeve	21E
Z7/41z1	Sensor power supply connector sleeve	56E
Z7/43z1	Sensor ground line connector sleeve	54G
Z7/44z1	Sensor ground line connector sleeve	29G
Z7/44z1	Sensor ground line connector sleeve	58F
Z7/44z2	Sensor ground line connector sleeve	44G
Z7/44z2	Sensor ground line connector sleeve	64E
Z7/44z2	Sensor ground line connector sleeve	29E



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