

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

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

Code :	Designation :	Position :
A0	Color code key	72L
A16/1	Right knock sensor	1L
A16/4	Front knock sensor	2L
B11/4	Coolant temperature sensor	5L
B17/8	Charge air temperature sensor	4L
B28/15	Pressure sensor upstream of compressor impeller	12L
B28/6	Pressure sensor upstream of throttle valve	18L
B28/7	Pressure sensor downstream of throttle valve	16L
B4/6	Rail pressure sensor	14L
B6/15	Intake camshaft Hall sensor	48L
B6/16	Exhaust camshaft Hall sensor	50L
B70	Crankschaft Hall sensor	7L
G4	Interference suppression capacitor	62L
Code 498	Japan version	38F
G3/1	Oxygen sensor downstream of catalytic converter	24L
G3/1x1	Electrical connector for oxygen sensor downstream of catalytic converter	23J
G3/2	Oxygen sensor upstream of catalytic converter	34L
G3/2x1	Electrical connector for oxygen sensor upstream of catalytic converter	33J
LIN G1	Drive train LIN	37B
M16/6	Throttle valve actuator	20L
M16/6m1	Actuator motor	20K
M16/6r1	Actual value potentiometer 1	21K
M16/6r2	Sliding contact 1 actual value potentiometer	21K
M16/6r3	Sliding contact 2 actual value potentiometer	20K
M16/6r4	Intake manifold swirl flap actuator motor	19K
M59	Swirl flap Hall sensor	9L
M59b1	Swirl flap Hall sensor	9K
M59m1	Swirl flap actuator motor	9K
N3/10	ME-SF1 [ME] control unit	4A
N3/10	ME-SF1 [ME] control unit	12A
N3/10	ME-SF1 [ME] control unit	28A
N3/10	ME-SF1 [ME] control unit	20A
N3/10	ME-SF1 [ME] control unit	36A
N3/10	ME-SF1 [ME] control unit	44A
N3/10	ME-SF1 [ME] control unit	52A
N3/10	ME-SF1 [ME] control unit	60A
N3/10	ME-SF1 [ME] control unit	68A
R39/2	Full-load operation vent line heater element	42L
R4	Spark plugs	59L

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R4	Spark plugs	65L
R4	Spark plugs	60L
R4	Spark plugs	64L
R48	Coolant thermostat heating element	27L
S43	Oil level check switch	11L
T1/1	Cylinder 1 ignition coil	58K
T1/2	Cylinder 2 ignition coil	61K
T1/3	Cylinder 3 ignition coil	64K
T1/4	Cylinder 4 ignition coil	66K
U54	Valid for all except Japan	38F
W11	Combustion engine ground point	60E
X26	Interior and engine wiring harness electrical connector	43G
X26/39	Gasoline engine electrical connector	52G
Y101	Divert air switchover valve	28L
Y16/2	Heating system shutoff valve	29L
Y31/5	Boost pressure control pressure transducer	25L
Y32	Air pump switchover valve	39L
Y49/1	Intake camshaft solenoid	32L
Y49/2	Exhaust camshaft solenoid	31L
Y76/1	Cylinder 1 fuel injector	52L
Y76/2	Cylinder 2 fuel injector	55L
Y76/3	Cylinder 3 fuel injector	57L
Y76/4	Cylinder 4 fuel injector	54L
Y94	Quantity control valve	46L
Z6	Circuit 31 connector sleeve	65G
Z6	Circuit 31 connector sleeve	60G
Z6/8	Sensor ground connector sleeve	49G
Z7/35z1	Circuit 87 M1e connector sleeve	54E
Z7/35z2	Circuit 87 M1e connector sleeve	44E
Z7/35z2	Circuit 87 M1e connector sleeve	62E
Z7/35z3	Circuit 87 M2e connector sleeve	56E
Z7/36z1	Circuit 87 M2e connector sleeve	31G
Z7/36z1	Circuit 87 M2e connector sleeve	43E
Z7/36z2	Circuit 87 M2e connector sleeve	51E
Z7/36z2	Circuit 87 M2e connector sleeve	27G
Z7/36z2	Circuit 87 M2e connector sleeve	39G
Z7/41	Sensor voltage supply connector sleeve	51G
Z7/41	Sensor voltage supply connector sleeve	8G
Z7/41	Sensor voltage supply connector sleeve	13G

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Code :	Designation :	Position :
Z7/41	Sensor voltage supply connector sleeve	176
Z7/43	Sensor ground connector sleeve	46
Z7/44	Sensor ground connector sleeve	166
Z7/5	Circuit 87 connector sleeve	476

