

Document number : pe07.61-p-2101-97daa

Document title : Wiring diagram for ME-SFI (ME) gasoline injection and ignition system control unit

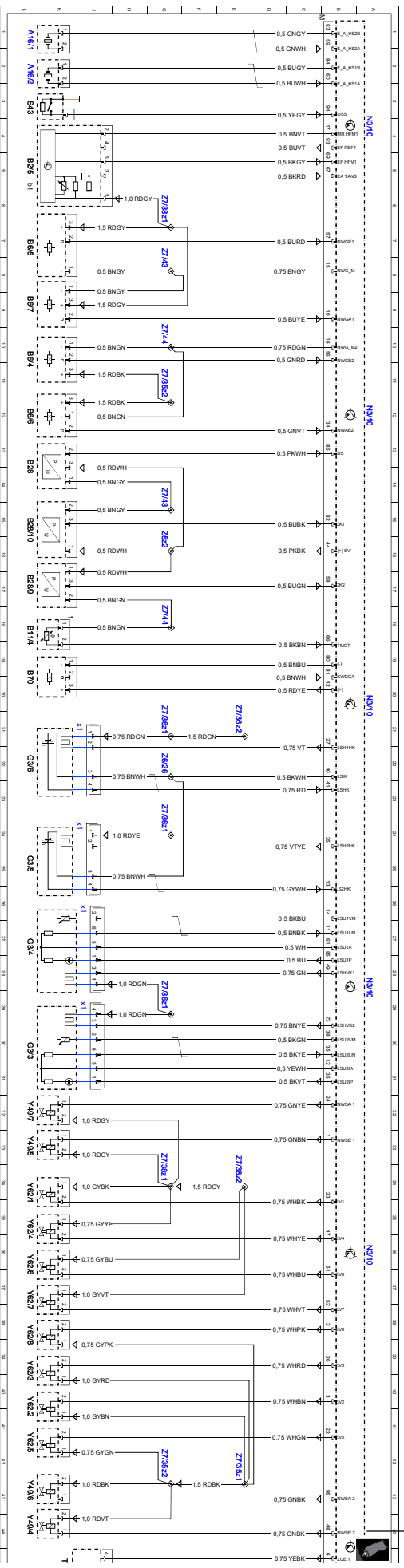
Code :	Designation :	Position :
A0	Color code key	80L
A16/1	Right knock sensor	1L
A16/2	Left knock sensor	2L
B11/4	Coolant temperature sensor	18L
B2/5	Hot film mass air flow sensor	5L
B2/5b1	Intake air temperature sensor	5L
B28	Pressure sensor	13L
B28/10	Right intake manifold tumble flap position sensor	15L
B28/9	Left intake manifold tumble flap position sensor	17L
B6/4	Left intake camshaft Hall sensor	10L
B6/5	Right intake camshaft Hall sensor	7L
B6/6	Left exhaust camshaft Hall sensor	12L
B6/7	Right exhaust camshaft Hall sensor	9L
B70	Crankshaft Hall sensor	19L
C4/1	Radio interference suppression capacitor 1	53L
C4/2	Radio interference suppression capacitor 2	62L
G3/3	Left oxygen sensor upstream of catalytic converter	30L
G3/3x1	Electrical connector for left oxygen sensor upstream of catalytic converter	29J
G3/4	Right oxygen sensor upstream of catalytic converter	27L
G3/4x1	Electrical connector for right oxygen sensor upstream of catalytic converter	26J
G3/5	Left oxygen sensor downstream of catalytic converter	25L
G3/5x1	Electrical connector for left oxygen sensor downstream of catalytic converter	24J
G3/6	Right oxygen sensor downstream of catalytic converter	22L
G3/6x1	Electrical connector for right oxygen sensor downstream of catalytic converter	21J
LIN C1	Drive train LIN	73B
M16/6	Throttle valve actuator	69L
M16/6m1	Actuator motor	69K
M16/6r1	Actual value potentiometer 1	70K
M16/6r2	Actual value potentiometer 2	70K
M16/6r3	Sliding contact 1 actual value potentiometer	69J
M16/6r4	Sliding contact 2 actual value potentiometer	68K
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	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

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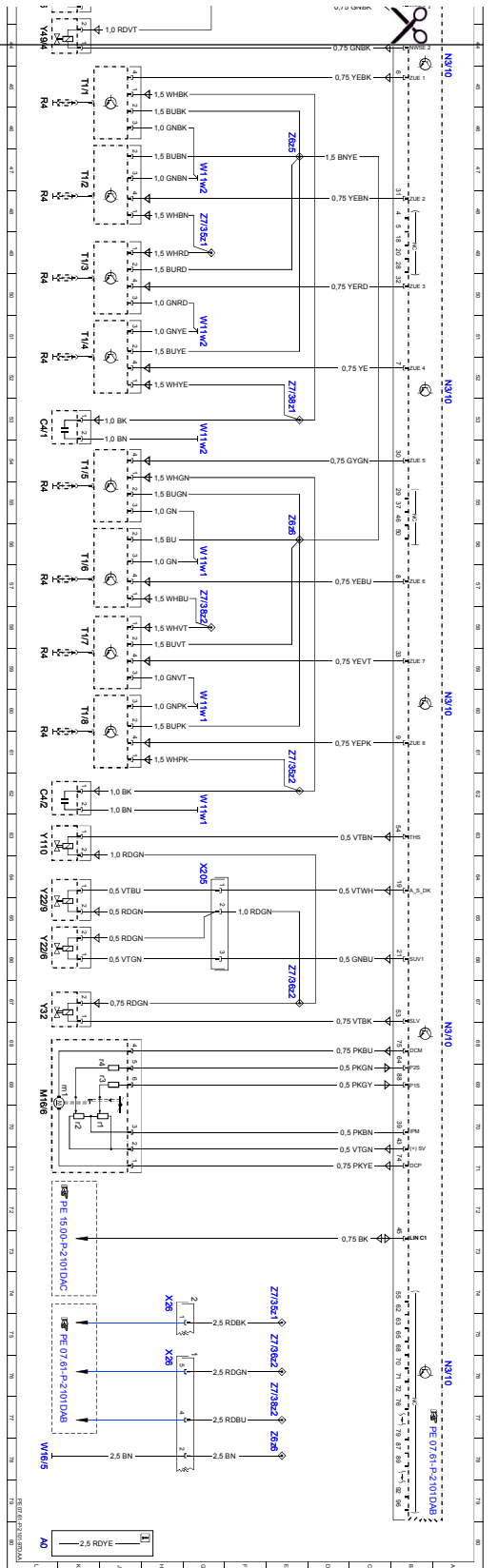
Code :	Designation :	Position :
N3/10	ME-SFI [ME] control unit	68A
N3/10	ME-SFI [ME] control unit	76A
R4	Spark plugs	45L
R4	Spark plugs	48L
R4	Spark plugs	50L
R4	Spark plugs	51L
R4	Spark plugs	55L
R4	Spark plugs	59L
R4	Spark plugs	57L
R4	Spark plugs	60L
S43	Oil level check switch	3L
T1/1	Cylinder 1 ignition coil	45K
T1/2	Cylinder 2 ignition coil	47K
T1/3	Cylinder 3 ignition coil	49K
T1/4	Cylinder 4 ignition coil	51K
T1/5	Cylinder 5 ignition coil	54K
T1/6	Cylinder 6 ignition coil	56K
T1/7	Cylinder 7 ignition coil	58K
T1/8	Cylinder 8 ignition coil	60K
W11W1	Left cylinder bank ground point (engine)	56G
W11W1	Left cylinder bank ground point (engine)	62G
W11W1	Left cylinder bank ground point (engine)	60G
W11W2	Right cylinder bank ground point (engine)	53G
W11W2	Right cylinder bank ground point (engine)	47G
W16/5	Left major assembly compartment electronics ground point	51G
X205	Tumble flap and intake manifold switchover valves electrical connector	78L
X26	Interior and engine wiring harness electrical connector	64G
X26	Interior and engine wiring harness electrical connector	76H
Y110	Coolant thermostat	74H
Y22/6	Intake manifold switchover valve	63L
Y22/9	Intake manifold switchover valve	66L
Y32	Air pump switchover valve	64L
Y49/4	Left intake camshaft solenoid	67L
Y49/5	Right intake camshaft solenoid	67L
Y49/6	Left exhaust camshaft solenoid	44L
Y49/7	Right exhaust camshaft solenoid	44L
Y62/1	Cylinder 1 injection valve	33L
Y62/2	Cylinder 2 injection valve	43L
		32L
		34L
		40L

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Code :	Designation :	Position :
Y62/3	Cylinder 3 injection valve	39L
Y62/4	Cylinder 4 injection valve	35L
Y62/5	Cylinder 5 injection valve	41L
Y62/6	Cylinder 6 injection valve	36L
Y62/7	Cylinder 7 injection valve	37L
Y62/8	Cylinder 8 injection valve	38L
Z5Z2	Connector sleeve in wiring harness	16G
Z6/26	Sensor voltage supply connector sleeve	22G
Z6Z5	Circuit 31 connector sleeve	46E
Z6Z6	Circuit 31 connector sleeve	56E
Z6Z6	Circuit 31 connector sleeve	78E
Z7/35Z1	Circuit 87 M1e connector sleeve	48G
Z7/35Z1	Circuit 87 M1e connector sleeve	42E
Z7/35Z1	Circuit 87 M1e connector sleeve	74E
Z7/35Z2	Circuit 87 M1e connector sleeve	11G
Z7/35Z2	Circuit 87 M1e connector sleeve	42G
Z7/35Z2	Circuit 87 M1e connector sleeve	61E
Z7/36Z1	Circuit 87 M2e connector sleeve	21G
Z7/36Z1	Circuit 87 M2e connector sleeve	24G
Z7/36Z1	Circuit 87 M2e connector sleeve	29G
Z7/36Z2	Circuit 87 M2e connector sleeve	67E
Z7/36Z2	Circuit 87 M2e connector sleeve	21E
Z7/36Z2	Circuit 87 M2e connector sleeve	75E
Z7/38Z1	Circuit 87 M1i connector sleeve	6G
Z7/38Z1	Circuit 87 M1i connector sleeve	34G
Z7/38Z1	Circuit 87 M1i connector sleeve	52E
Z7/38Z2	Circuit 87 M1i connector sleeve	34E
Z7/38Z2	Circuit 87 M1i connector sleeve	58G
Z7/38Z2	Circuit 87 M1i connector sleeve	77E
Z7/43	Sensor ground connector sleeve	8G
Z7/43	Sensor ground connector sleeve	14G
Z7/44	Sensor ground connector sleeve	10G
Z7/44	Sensor ground connector sleeve	18G



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