

Document number: pe07.61-p-2101-99bh

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

Code:	Designation:	Position:
A0	Color code key	80 L
A16/1	Right knock sensor 1	2 L
A16/2	Left knock sensor 2	3 L
B11/4	Coolant temperature sensor	62 L
B2/5	Hot film mass air flow sensor	50 L
B28	Pressure sensor	58 L
B28/10	Right intake manifold tumble flap position sensor	60 L
B28/9	Left intake manifold tumble flap position sensor	61 L
B6/4	Left intake camshaft Hall sensor	55 L
B6/5	Right intake camshaft Hall sensor	42 L
B6/6	Left exhaust camshaft Hall sensor	56 L
B6/7	Right exhaust camshaft Hall sensor	43 L
B70	Crankshaft Hall sensor	53 L
C4	Electrolytic capacitor (alternator/battery harness noise suppressor)	22 L
C4	Electrolytic capacitor (alternator/battery harness noise suppressor)	25 L
G2	Alternator	1 L
G3/3	Left 02 sensor upstream of TWC [KAT]	71 L
G3/3x1	Left 02 sensor upstream of TWC [KAT] connector	70 J
G3/4	Right 02 sensor upstream of TWC [KAT]	69 L
G3/4x1	Right 02 sensor upstream of TWC [KAT] connector	68 J
G3/5	Left 02 sensor downstream of TWC [KAT]	67 L
G3/6	Right 02 sensor downstream of TWC [KAT]	64 L
M16/6	Throttle valve actuator	5 L
M16/6m1	Actuator motor	4 L
M16/6r1	Actual value potentiometer 1	5 K
M16/6r2	Actual value potentiometer 2	5 K
M16/6r3	Actual value potentiometer (sliding contact 1)	4 K
M16/6r4	Actual value potentiometer (sliding contact 2)	4 K
M33	Electric air pump	21 L
N10/1	Front SAM control unit with fuse and relay module	18 L
N3/10	ME-SFI [ME] control unit	4 A
N3/10	ME-SFI [ME] control unit	12 A
N3/10	ME-SFI [ME] control unit	20 A
N3/10	ME-SFI [ME] control unit	28 A
N3/10	ME-SFI [ME] control unit	36 A
N3/10	ME-SFI [ME] control unit	44 A
N3/10	ME-SFI [ME] control unit	52 A
N3/10	ME-SFI [ME] control unit	60 A
N3/10	ME-SFI [ME] control unit	67 A

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Code:	Designation:	Position:
N3/10	ME-SFI [ME] control unit	74 A
R4	Spark plugs	7 L
R4	Spark plugs	8 L
R4	Spark plugs	8 L
R4	Spark plugs	10 L
R4	Spark plugs	11 L
R4	Spark plugs	12 L
R4	Spark plugs	13 L
R4	Spark plugs	14 L
R4	Spark plugs	26 L
R4	Spark plugs	27 L
R4	Spark plugs	27 L
R4	Spark plugs	29 L
R4	Spark plugs	29 L
R4	Spark plugs	30 L
R4	Spark plugs	31 L
R4	Spark plugs	32 L
S43	Oil level check switch	52 L
T1/1	Cylinder 1 ignition coil	7 K
T1/2	Cylinder 2 ignition coil	9 K
T1/3	Cylinder 3 ignition coil	11 K
T1/4	Cylinder 4 ignition coil	13 K
T1/5	Cylinder 5 ignition coil	26 K
T1/6	Cylinder 6 ignition coil	28 K
T1/7	Cylinder 7 ignition coil	30 K
T1/8	Cylinder 8 ignition coil	31 K
U12	Valid for left-hand drive vehicles	18 D
U13	Valid for right-hand drive vehicles	18 D
W11	Ground (engine - electrical line connected)	9 G
W11	Ground (engine - electrical line connected)	22 G
W11	Ground (engine - electrical line connected)	25 G
W11	Ground (engine - electrical line connected)	28 G
W16/3	Ground (left assembly compartment, power ground)	18 E
W16/4	Ground (right assembly compartment, power ground)	18 E
X205	Turnble flap/variable intake manifold switchover valves connector	76 J
X26/2	Engine separation point connector	14 H
X26/2	Engine separation point connector	19 H
Y10/1	Power steering pump pressure regulator valve	74 L
Y110	Three-disk thermostat valve	78 L

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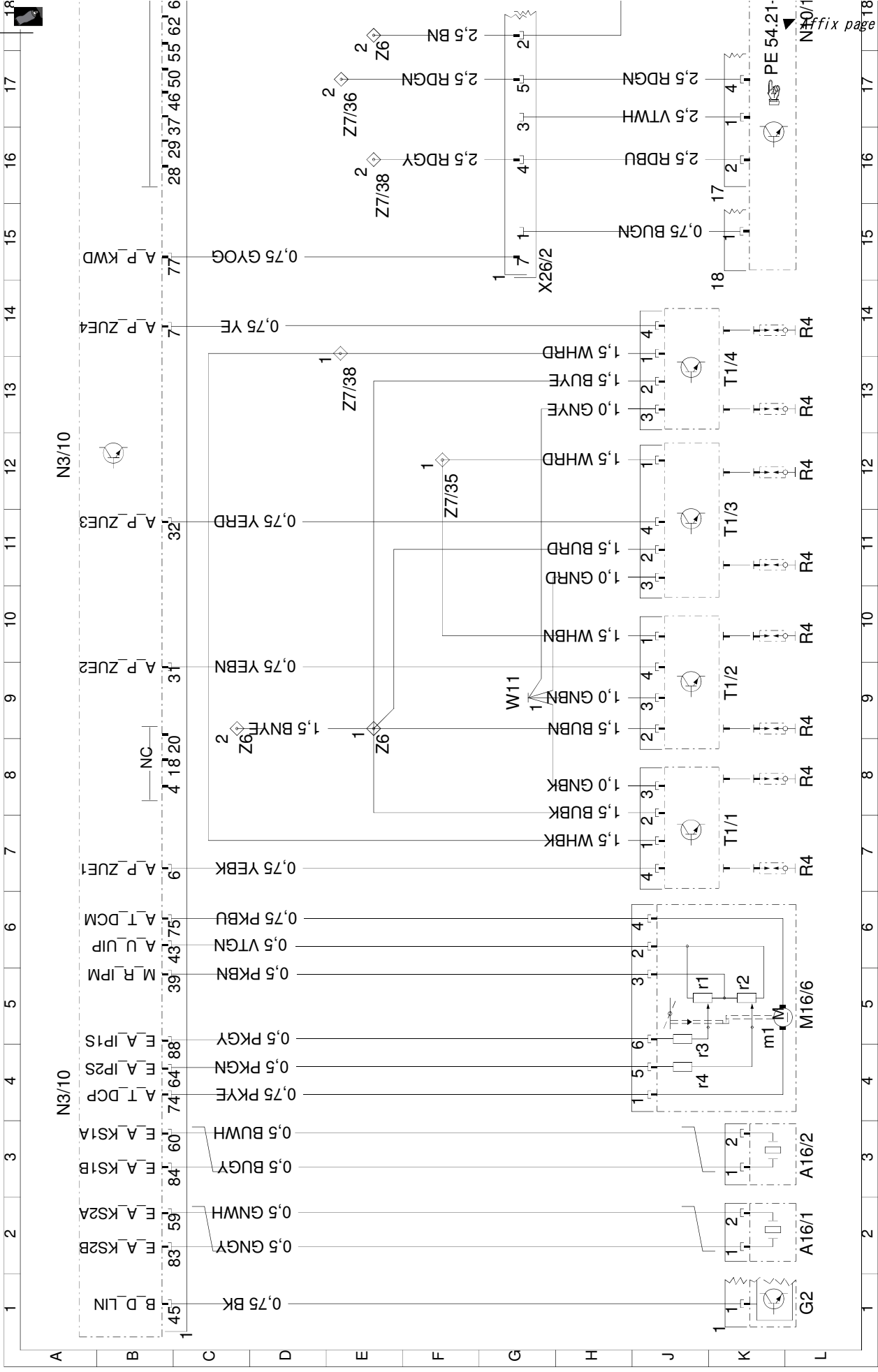
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Code:	Designation:	Position:
Y16/2	Heating system shutoff valve	75 L
Y22/6	Variable intake manifold switchover valve	76 L
Y22/9	Intake manifold tumble flap switchover valve	77 L
Y32	Air pump switchover valve	24 L
Y49/4	Left intake camshaft solenoid	47 L
Y49/5	Right intake camshaft solenoid	44 L
Y49/6	Left exhaust camshaft solenoid	48 L
Y49/7	Right exhaust camshaft solenoid	45 L
Y62	Fuel injection valves	36 L
Y62y1	Cylinder 1 fuel injection valve	33 L
Y62y2	Cylinder 2 fuel injection valve	34 L
Y62y3	Cylinder 3 fuel injection valve	35 L
Y62y4	Cylinder 4 fuel injection valve	36 L
Y62y5	Cylinder 5 fuel injection valve	37 L
Y62y6	Cylinder 6 fuel injection valve	38 L
Y62y7	Cylinder 7 fuel injection valve	39 L
Y62y8	Cylinder 8 fuel injection valve	40 L
Z5	Connector sleeve (solder connector in harness)	57 G
Z5	Connector sleeve (solder connector in harness)	61 G
Z6	Ground connector sleeve	8 E
Z6	Ground connector sleeve	8 D
Z6	Ground connector sleeve	17 E
Z6	Ground connector sleeve	28 F
Z6	Ground connector sleeve	65 G
Z6/26	Sensor supply connector sleeve	11 F
Z7/35	Circuit 87 M1e connector sleeve	22 E
Z7/35	Circuit 87 M1e connector sleeve	27 E
Z7/35	Circuit 87 M1e connector sleeve	34 G
Z7/35	Circuit 87 M1e connector sleeve	46 G
Z7/35	Circuit 87 M1e connector sleeve	55 G
Z7/35	Circuit 87 M2e connector sleeve	16 E
Z7/36	Circuit 87 M2e connector sleeve	23 H
Z7/36	Circuit 87 M2e connector sleeve	64 E
Z7/36	Circuit 87 M2e connector sleeve	70 E
Z7/36	Circuit 87 M2e connector sleeve	74 H
Z7/36	Circuit 87 M2e connector sleeve	74 H
Z7/36	Circuit 87 M2e connector sleeve	77 E
Z7/38	Circuit 87 M1i connector sleeve	13 E
Z7/38	Circuit 87 M1i connector sleeve	15 E

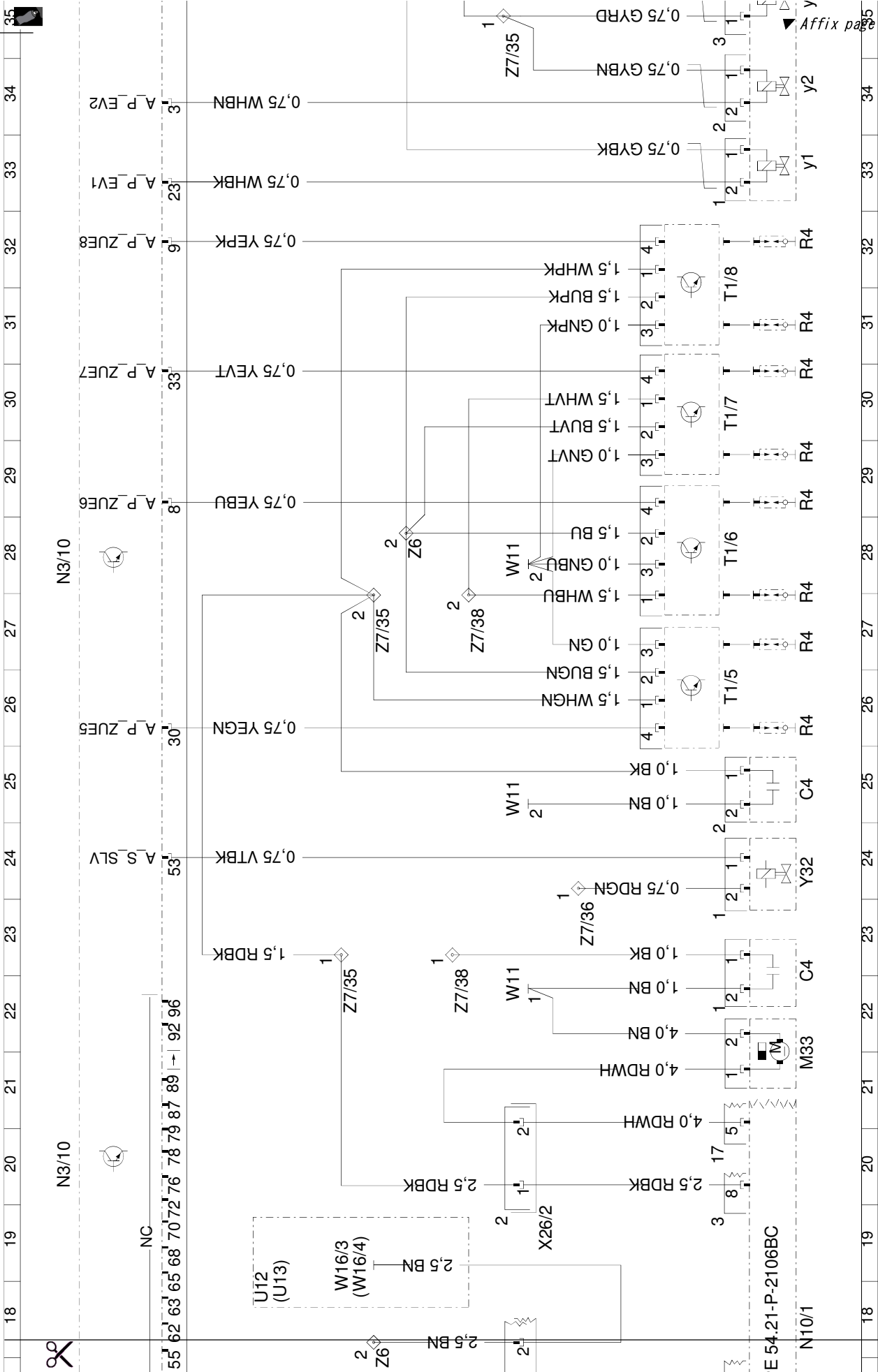
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Code:	Designation:	Position:
Z1/38	Circuit 87 Mii connector sleeve	22 G
Z1/38	Circuit 87 Mii connector sleeve	27 G
Z1/38	Circuit 87 Mii connector sleeve	36 F
Z1/38	Circuit 87 Mii connector sleeve	39 G
Z1/38	Circuit 87 Mii connector sleeve	45 G
Z1/38	Circuit 87 Mii connector sleeve	49 G
Z1/43	Sensor ground connector sleeve	42 G
Z1/43	Sensor ground connector sleeve	58 G
Z1/44	Sensor ground connector sleeve	56 E
Z1/44	Sensor ground connector sleeve	62 G

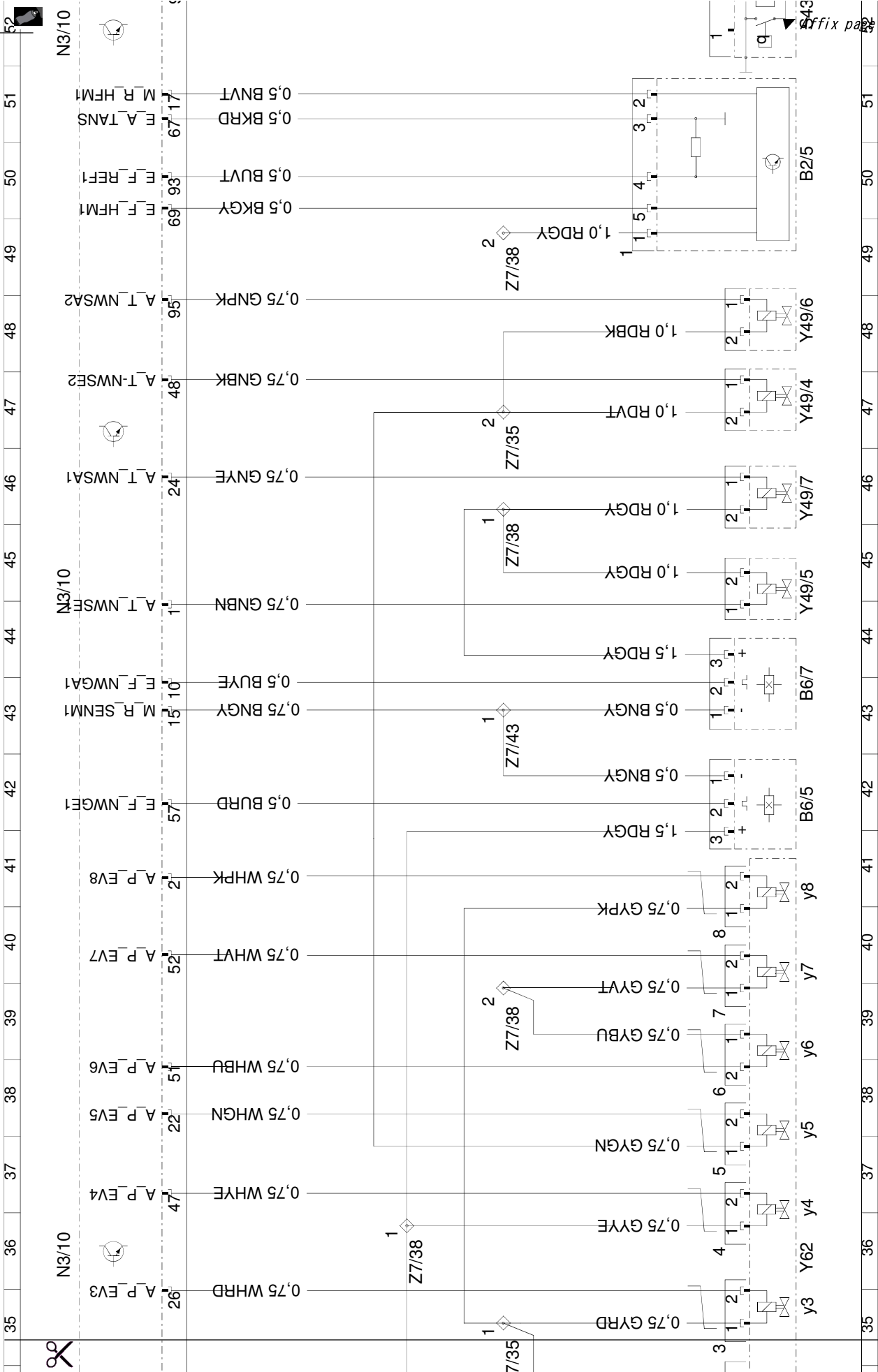


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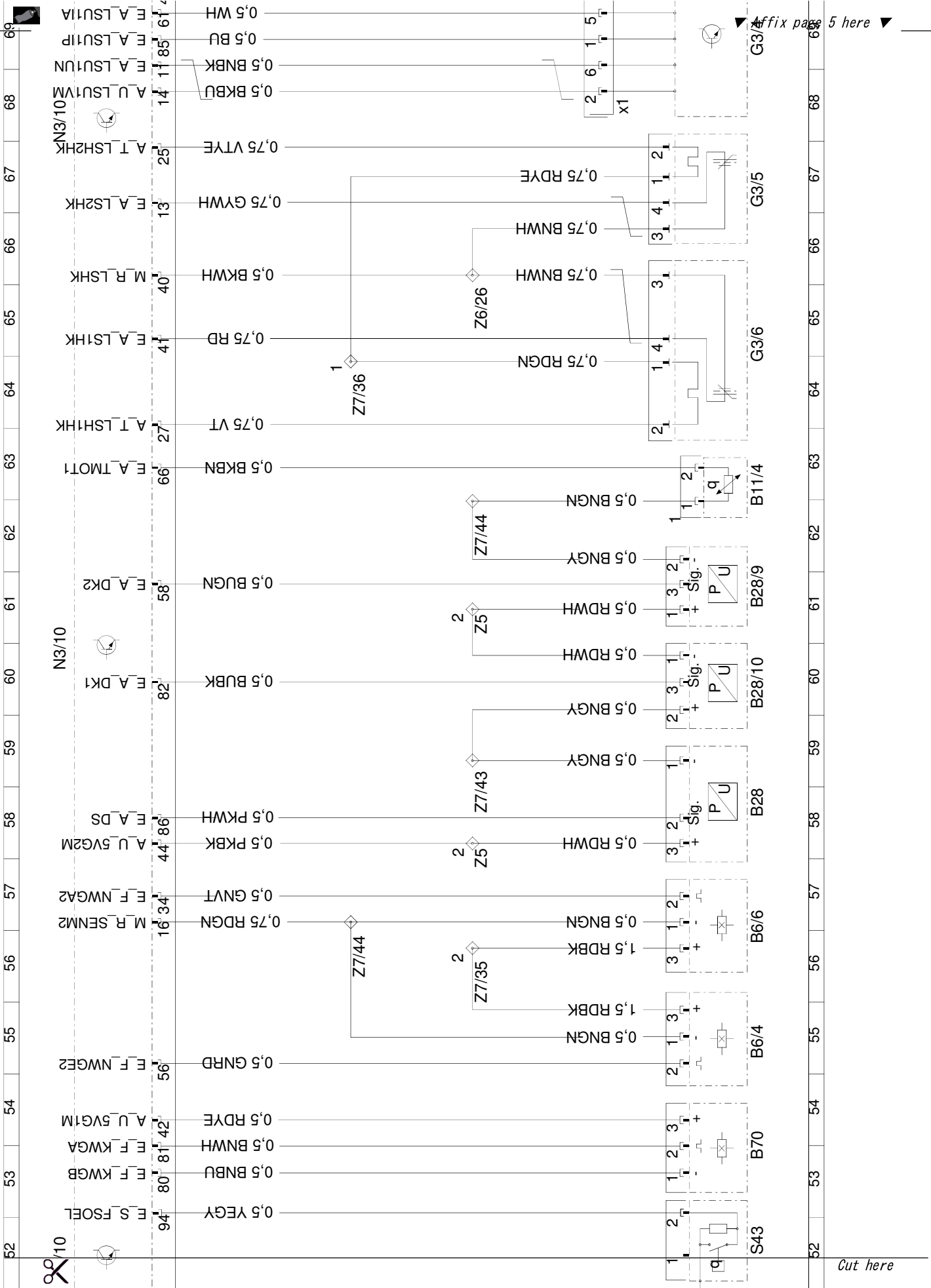
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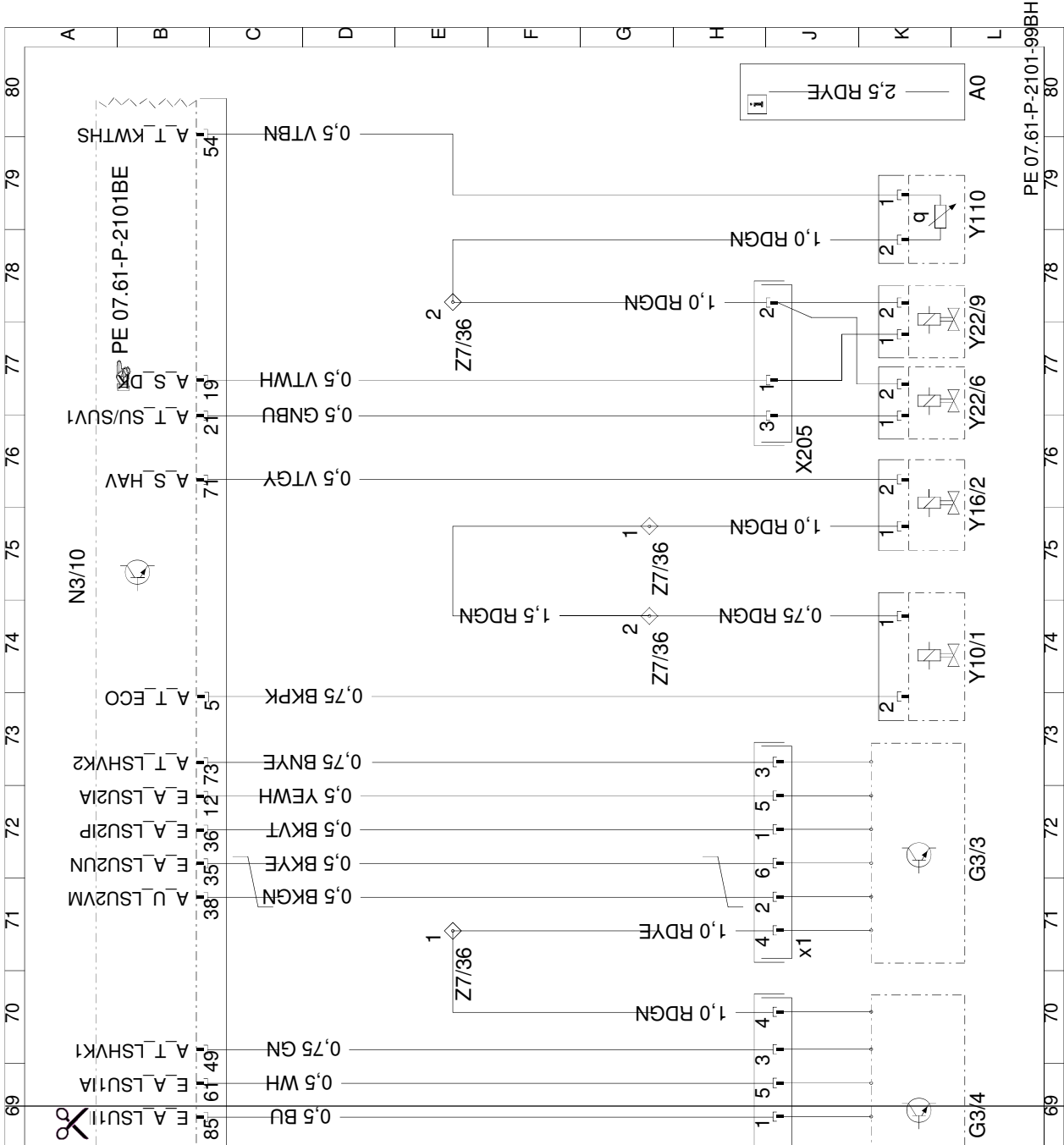
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