

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

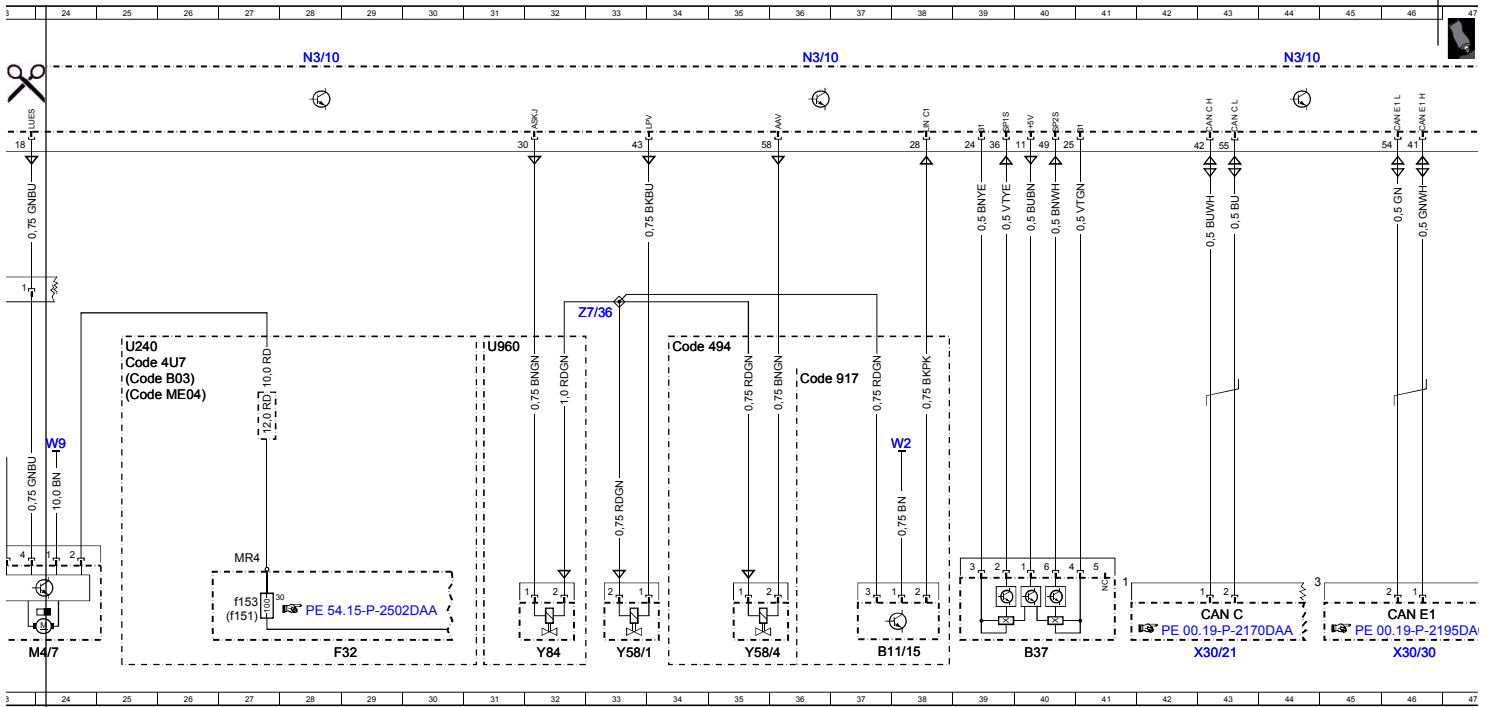
Document title: Wiring diagram for gasoline direct injection system control unit

Code:	Designation:	Position:
A0	Color code key	104L
B11/15	Radiator sensor for engine diagnosis	37L
B16	Temperature sensor upstream of NOx storage catalytic converter, right	59L
B16/1	Temperature sensor upstream of NOx storage catalytic converter, left	61L
B37	Accelerator pedal sensor	40L
B4/3	Fuel tank pressure sensor	57L
B4/4	Purging pressure sensor	16L
CAN C	Drive train CAN	43K
CAN E1	Chassis CAN 1	46K
CAN I	Drive train sensor CAN	70K
CAN I	Drive train sensor CAN	71K
CAN I	Drive train sensor CAN	76K
CAN I	Drive train sensor CAN	75K
Code 494	USA version	34F
Code 4U7	Start/stop voltage dip protection	25F
Code 917	PZEV emission USA	36F
Code 920	Gasoline direct injection with stratified charge	55D
Code B03	ECO start/stop function	19D
Code B03	ECO start/stop function	25F
Code ME04	Hybrid drive 20 KW VARIANT	25G
F32	Front electrical prefuse box	29L
F32f151	Prefuse 151	27K
F32f153	Prefuse 153	27K
K60	Coolant circulation pump relay	97L
M4/7	Combustion engine and air conditioning with integrated control fan motor	24L
M45	Coolant circulation pump	99L
N10/1	Front SAM control unit with fuse and relay module	3L
N10/1	Front SAM control unit with fuse and relay module	10L
N10/1	Front SAM control unit with fuse and relay module	21L
N10/1f22	Fuse 22	11L
N10/1f23	Fuse 23	9L
N10/1f24	Fuse 24	10L
N10/1f27	Fuse 27	2L
N10/2	Rear SAM control unit with fuse and relay module	93L
N10/2f46	Fuse 46	92L
N10/2f87	Fuse 87	92L
N118	Fuel pump control unit	49L
N2/10	Supplemental restraint system control unit	53L
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
N3/10	ME-SFI [ME] control unit	68A
N3/10	ME-SFI [ME] control unit	76A
N3/10	ME-SFI [ME] control unit	84A
N3/10	ME-SFI [ME] control unit	92A
N37/10	Control unit of right NOx sensor upstream of NOx storage catalytic converter	86L
N37/10b1	Right NOx sensor upstream of NOx storage catalytic converter	89L
N37/11	Control unit of NOx sensor downstream of NOx storage catalytic converter	64L
N37/11b1	NOx sensor downstream of NOx storage catalytic converter	68L
N37/9	Control unit of left NOx sensor upstream of NOx storage catalytic converter	80L
N37/9b1	Left NOx sensor upstream of NOx storage catalytic converter	77L
U1	Valid for USA	91F

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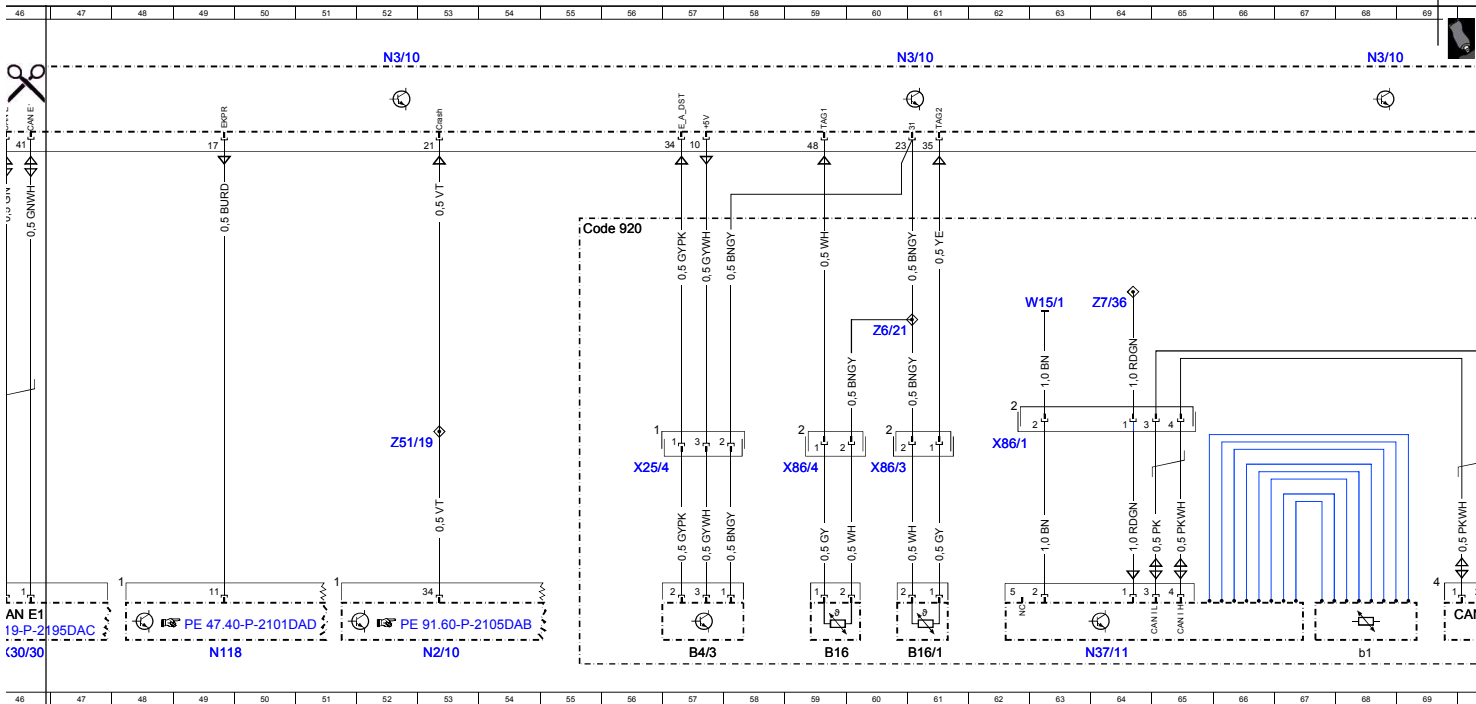
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Code:	Designation:	Position:
U2	Valid for all except USA	91G
U240	Valid for all except ECO start/stop function	25F
U960	Valid for radiator shutters	31F
W15/1	Right footwell ground point	63E
W16/5	Left major assembly compartment electronics ground point	3E
W16/5	Left major assembly compartment electronics ground point	14C
W18	Left front seat crossmember ground point	72H
W18	Left front seat crossmember ground point	83F
W19	Right front seat crossmember ground point	84F
W2	Right front ground point at lamp unit	38H
W2	Right front ground point at lamp unit	99H
W9	Left front ground point (at lamp unit)	24H
X25/2	Engine compartment/interior electrical connector	19E
X25/4	Fuel tank electrical connector	56H
X26	Interior and engine wiring harness electrical connector	12E
X30/21	Drive train CAN voltage distributor electrical connector	43L
X30/30	Vehicle floor chassis CAN voltage distributor electrical connector	46L
X30/38	Potential distributor electrical connector (CAN I)	73L
X86/1	Nitrogen oxides control unit electrical connector	62H
X86/3	Nitrogen oxides control unit electrical connector	60H
X86/3	Nitrogen oxides control unit electrical connector	80H
X86/4	Right nitrogen oxides control unit electrical connector	59H
X86/4	Right nitrogen oxides control unit electrical connector	84H
Y58/1	Purge control valve	33L
Y58/4	Activated charcoal filter shutoff valve	35L
Y84	Radiator shutters actuator	32L
Z5/2z1	Sensor voltage supply connector sleeve	17G
Z51/19	Engine management crash signal connector sleeve	52G
Z6/21	Temperature sensor circuit 31 connector sleeve	60F
Z7/36	Circuit 87 M2e connector sleeve	5G
Z7/36	Circuit 87 M2e connector sleeve	33E
Z7/36	Circuit 87 M2e connector sleeve	96E
Z7/36	Circuit 87 M2e connector sleeve	64E
Z7/36	Circuit 87 M2e connector sleeve	81E
Z7/44z1	Sensor ground line connector sleeve	16G
Z7/44z2	Sensor ground line connector sleeve	83L
Z7/73z1	Circuit 87 connector sleeve	3G



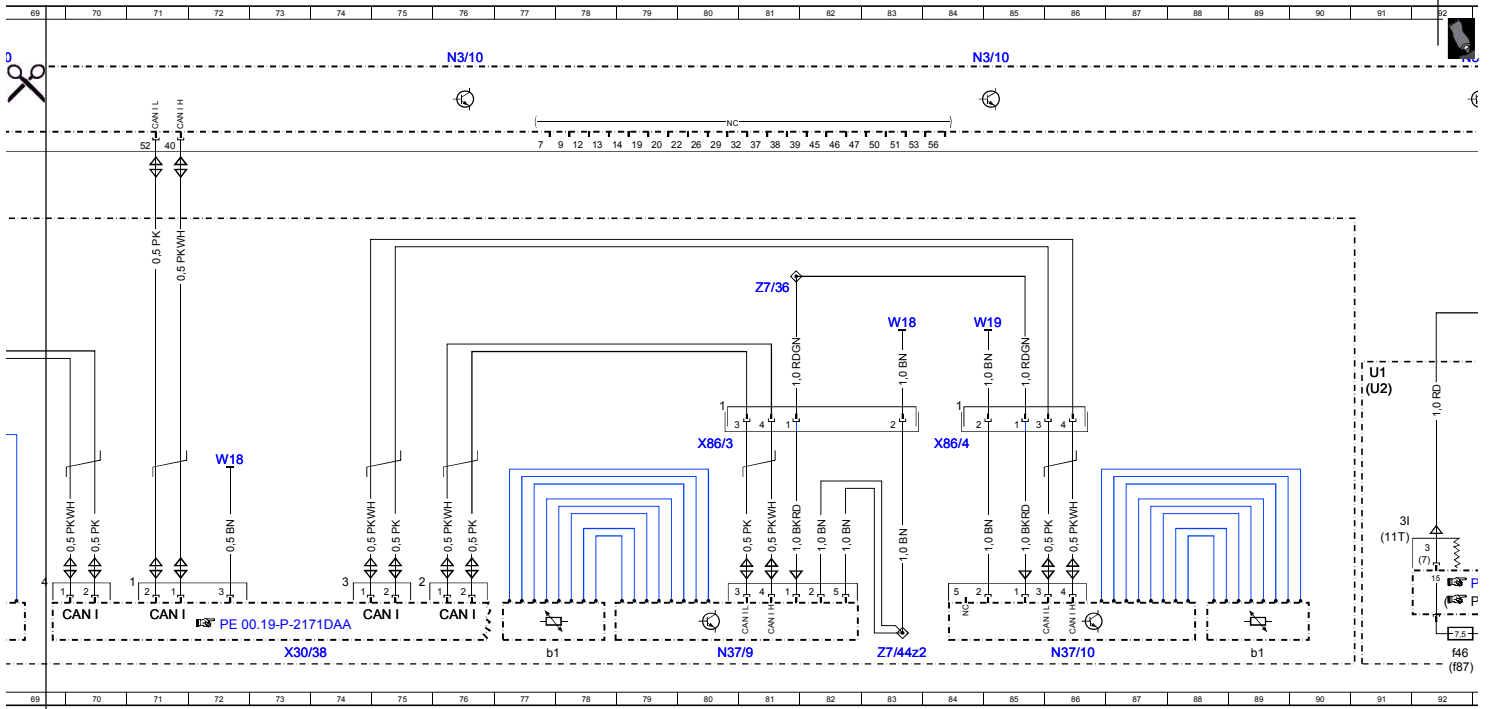
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