

Document number: pe54_21-p-2103-99maa

Document title: Wiring diagram of rear signal acquisition and actuation module (SAM) control unit

Code: **Designation:** **Coordinates:**

A0	Explanation of color codes	80 M
A49/1	Interference filter 1	21 M
A49/1x1	Interference filter 1 input connector	21 L
B4/1	Left fuel level sensor	23 M
B4/1x1	Left tank half fuel level sensor connector	22 L
B4/2	Right fuel level sensor	22 M
E15/9	Right load compartment dome lamp	33 M
E17/27	Rear-end door warning lamp	71 M
E17/5	Left rear door entrance and exit lamp	36 M
E17/6	Right rear door entrance and exit lamp	43 M
E19/3	Left rear-end door license plate lamp	74 M
E19/4	Right rear-end door license plate lamp	75 M
E21	Center high-mounted stop lamp	76 M
E3	Left taillamp	55 M
E3e1	Left turn signal lamp	57 M
E3e1	Left turn signal lamp	57 M
E3e10	Left brake light and taillight	58 M
E3e2	Left taillamp and rear fog lamp	56 M
E3e2	Left taillamp and rear fog lamp	56 M
E3e3	Left backup lamp	55 M
E3e3	Left backup lamp	55 M
E3e4	Left stop lamp	58 M
E3e8	"Left taillamp, side-marker lamp, parking lamp"	56 M
E3e9	"Left stop lamp, taillamp, parking lamp and side-marker lamp"	56 M
E4	Right taillamp	61 M
E40/1	Rear-end door ambient lamp	69 M
E40/1	Rear-end door ambient lamp	70 M
E4e1	Right turn signal lamp	59 M
E4e1	Right turn signal lamp	59 M
E4e10	Right brake light and taillight	58 M
E4e2	Right taillamp and rear fog lamp	61 M
E4e2	Right taillamp and rear fog lamp	61 M
E4e3	Right backup lamp	60 M
E4e3	Right backup lamp	60 M
E4e4	Right stop lamp	58 M
E4e8	"Right taillamp, side-marker lamp, parking lamp"	60 M
E4e9	"Right stop lamp, taillamp, parking lamp and side-marker lamp"	60 M
F33	Battery compartment prefuse box	3 M
F33f79	Fuse 79	1 L

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F33f80	Fuse 80	2 L
F4	Load compartment fuse and relay box	18 M
F58	Engine compartment fuse and relay box	29 M
F58f100	Fuse 100	28 M
H3	Alarm signal horn	66 M
H3/1	Alarm signal siren	32 M
K24/2	Front passenger seat adjustment comfort relay	13 M
N10/8	Rear SAM control module	4 B
N10/8	Rear SAM control module	12 B
N10/8	Rear SAM control module	20 B
N10/8	Rear SAM control module	28 B
N10/8	Rear SAM control module	35 B
N10/8	Rear SAM control module	44 B
N10/8	Rear SAM control module	52 B
N10/8	Rear SAM control module	61 B
N10/8	Rear SAM control module	68 B
N10/8	Rear SAM control module	76 B
N47-5	ESP control module	25 M
N66/10	Backup camera voltage supply module	52 M
N70	Overhead control panel control module	11 M
U1	Valid for {[USA]}	64 D
U151	Valid for engine 113	26 F
U151	Valid for engine 113	30 E
U151	Valid for engine 113	65 E
U152	Valid for engine 156	22 J
U153	Valid for all except engine 156	22 H
U154	Valid for 164.1	5 E
U154	Valid for 164.1	46 J
U154	Valid for 164.1	54 J
U154	Valid for 164.1	62 K
U155	Valid for 164.8	6 F
U155	Valid for 164.8	49 J
U155	Valid for 164.8	54 J
U155	Valid for 164.8	63 K
U182	Valid without spare tire carrier	57 J
U182	Valid without spare tire carrier	72 D
U2	Valid for all except {[USA]}	27 D
U3	Valid for all (except {[Japan]}	50 J
U63	Valid for seat adjustment without memory	12 E

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U656	Valid for interior light package	68 D
U681	Valid for all except M113	24 F
U681	Valid for all except M113	30 F
U681	Valid for all except M113	65 F
U805	Not valid on vehicles with automatic rear-end door or loading floor	70 D
U899	Valid for backup camera	50 J
W15/2	Ground (left footwell)	40 J
W16/3	Ground (output ground - component compartment - left)	32 M
W16/3	Ground (output ground - component compartment - left)	67 M
W17	Ground (right rear seat)	47 M
W17/3	Ground 2 (right rear seat)	41 M
W29/9	"Ground, right D-pillar"	74 F
W6	Ground (left wheelhousing in trunk)	55 F
W7	Ground (right wheelhousing in trunk)	1 F
W7	Ground (right wheelhousing in trunk)	34 J
W7	Ground (right wheelhousing in trunk)	62 M
W8	Ground (tailgate)	69 J
W8	Ground (tailgate)	71 J
W8	Ground (tailgate)	75 F
X18/2	Interior/roof connector	9 J
X18/3	Interior/fuel tank connector	22 F
X25/2	Engine compartment/interior compartment connector	24 J
X25/2	Engine compartment/interior compartment connector	26 J
X25/2	Engine compartment/interior compartment connector	30 G
X25/2	Engine compartment/interior compartment connector	32 G
X25/2	Engine compartment/interior compartment connector	65 G
X25/2	Engine compartment/interior compartment connector	67 G
X30/4	Right voltage distributor (CAN) connector	7 M
X30/5	Left voltage distributor (CAN) connector	7 M
X35/3	Left rear door separation point	35 F
X35/4	Right rear door separation point	43 F
X55/4	Right front seat contacting strip	13 J
X8/16	Left rear door printed wiring harness connector	35 J
X8/17	Right rear door printed wiring harness connector	43 J
Z204/2	Circuit 31 right wheelhouse luggage compartment voltage distributor connector	63 M
Z204/3	Circuit 31 right rear seat voltage distributor connector	48 M
Z204/4	Circuit 31 right footwell voltage distributor connector	49 M
Z204/5	Circuit 31 left footwell voltage distributor connector (1)	39 M
Z204/7	Circuit 31 left footwell voltage distributor connector (2)	39 M

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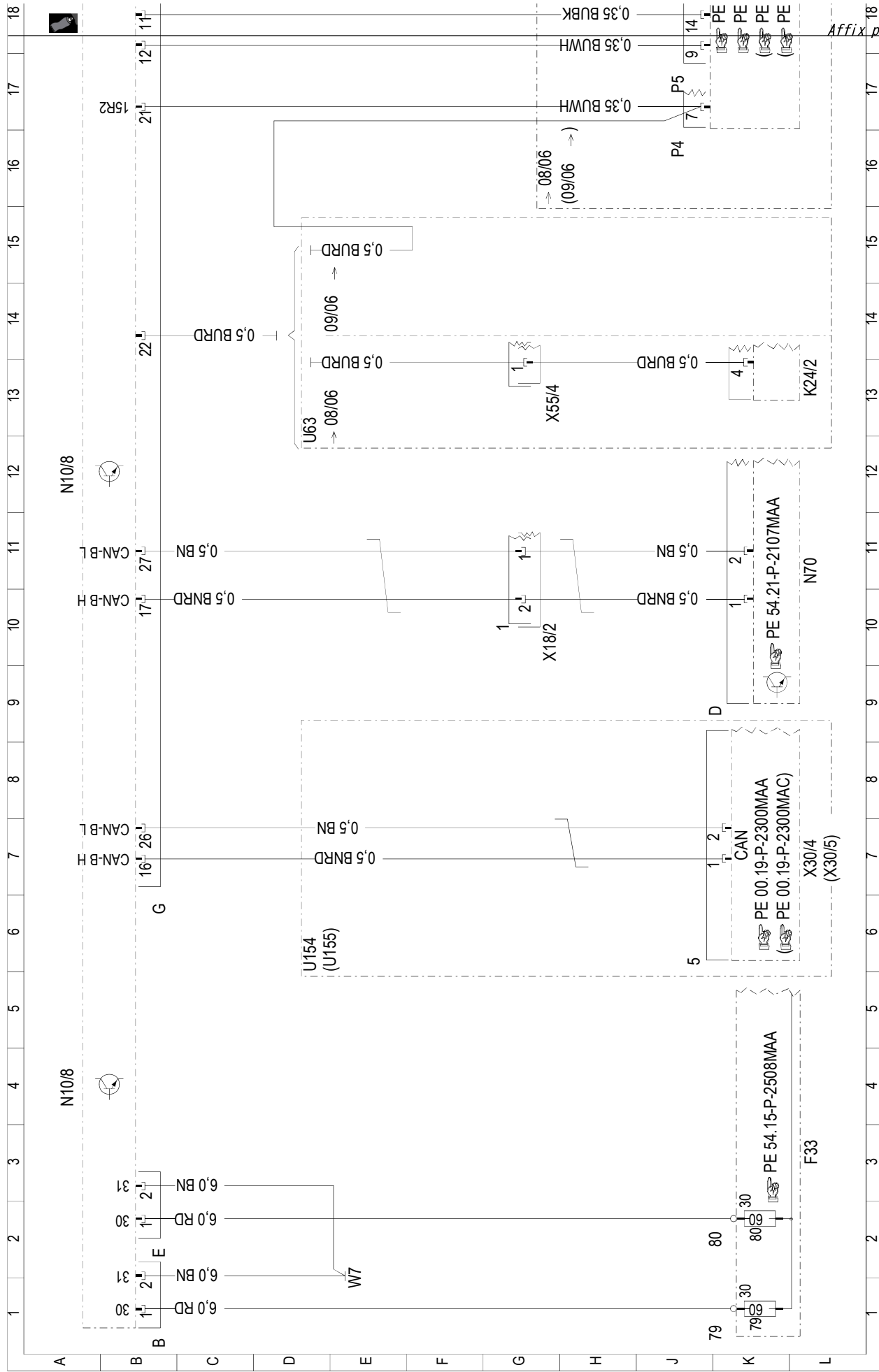
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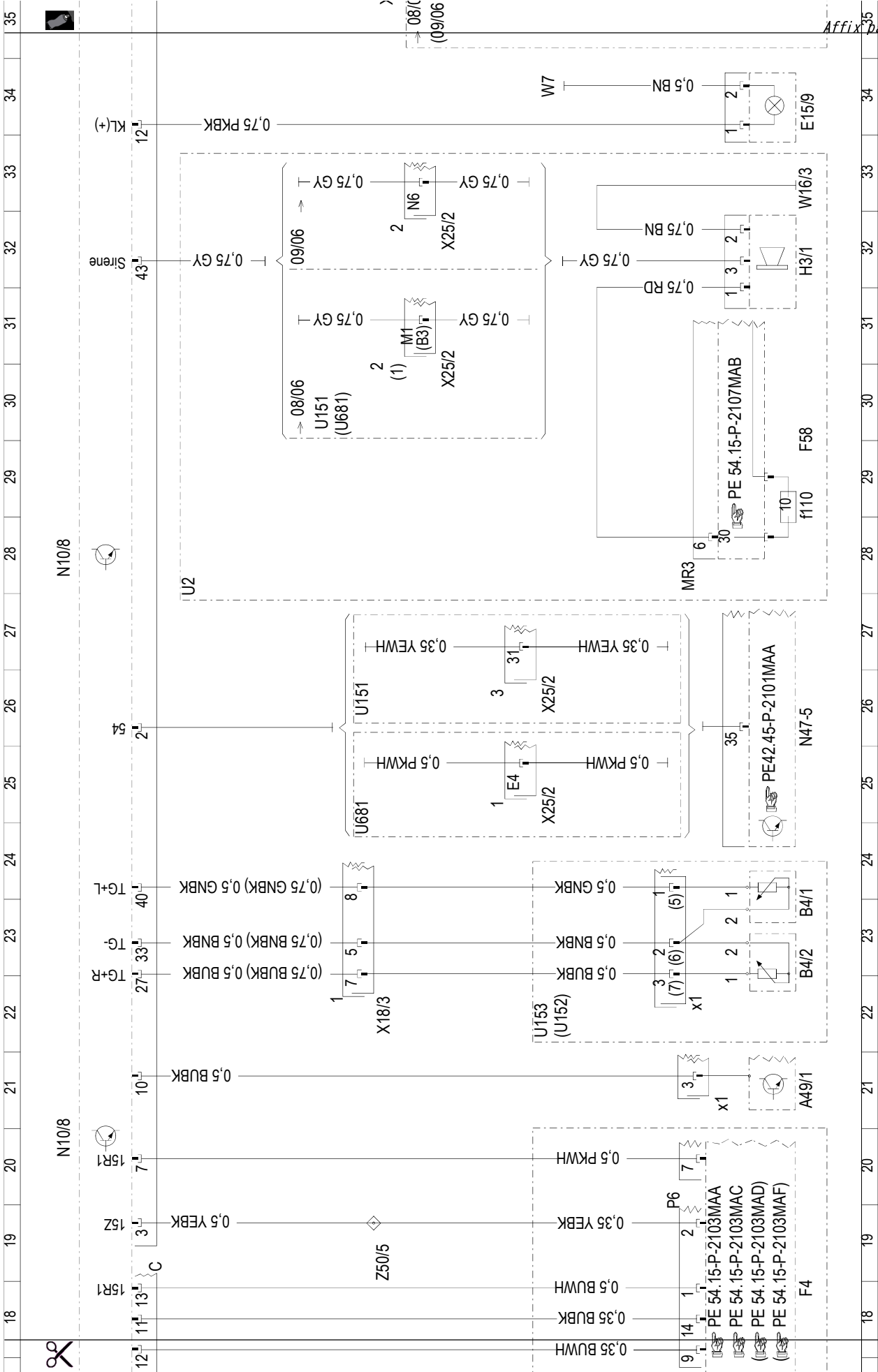
Code:

Z50/5 Circuit 15 connector sleeve
Z55/1 Circuit 31 rear-end door connector sleeve
Z55/4 Rear-end door warning lamp terminal connector
Z6/12 Left rear door ground connector sleeve
Z6/13 Right rear door ground connector sleeve

Coordinates:

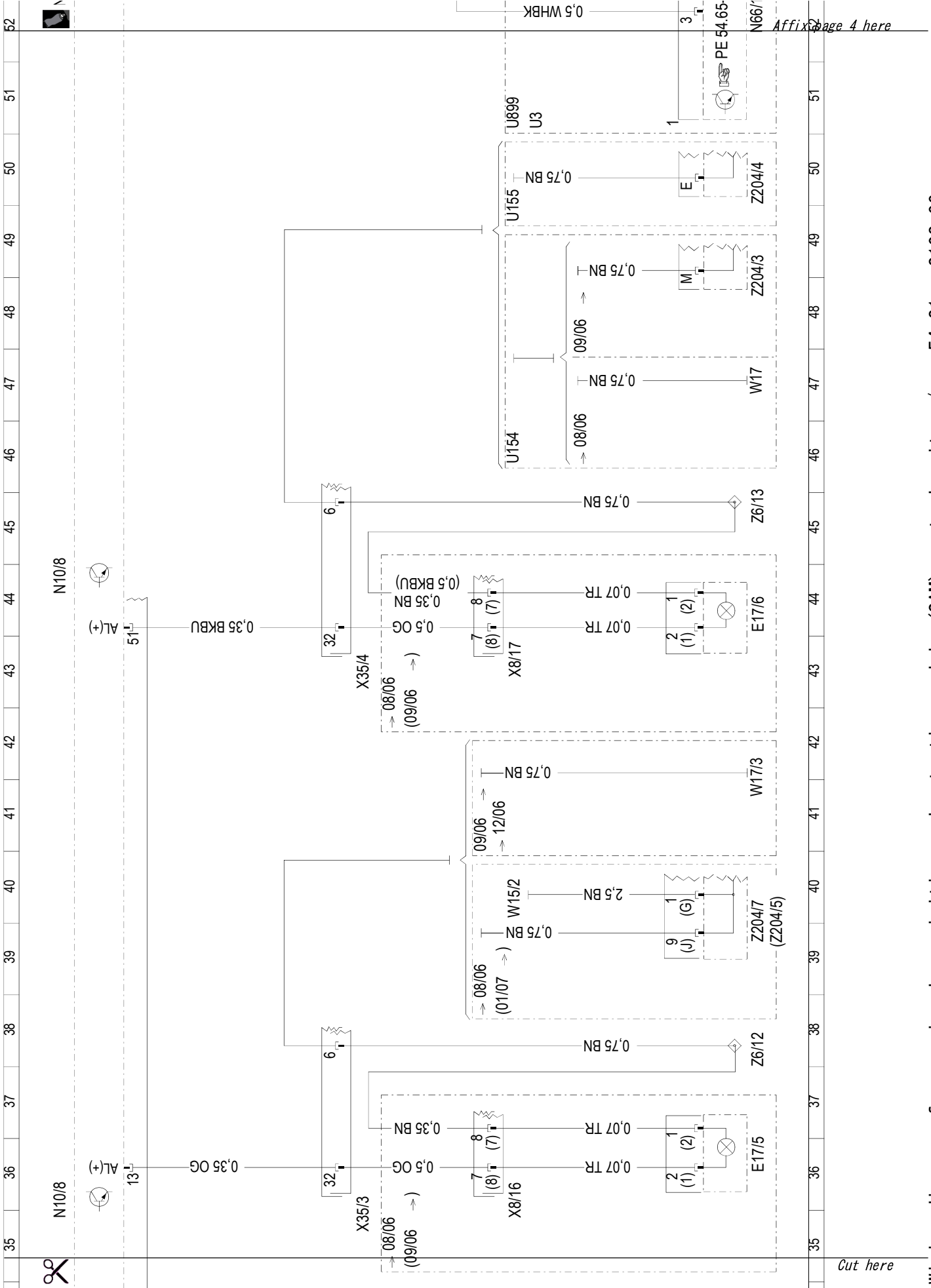
18 F
74 J
71 J
37 M
45 M





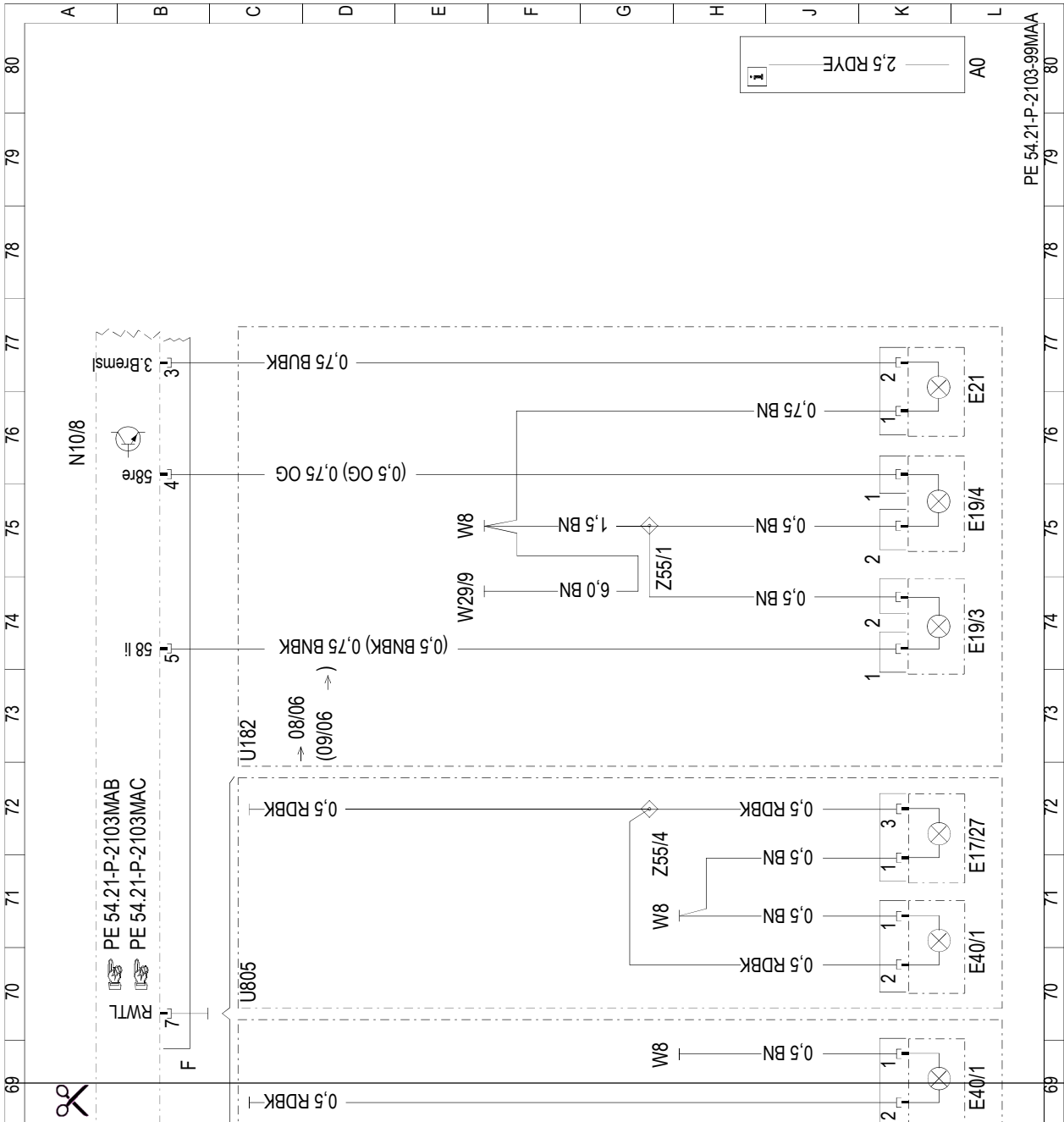
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