

**Document number:** pe54.21-p-2106-97dad  
**Document title:** Wiring diagram of front SAM control unit with fuse and relay module (N10/1)

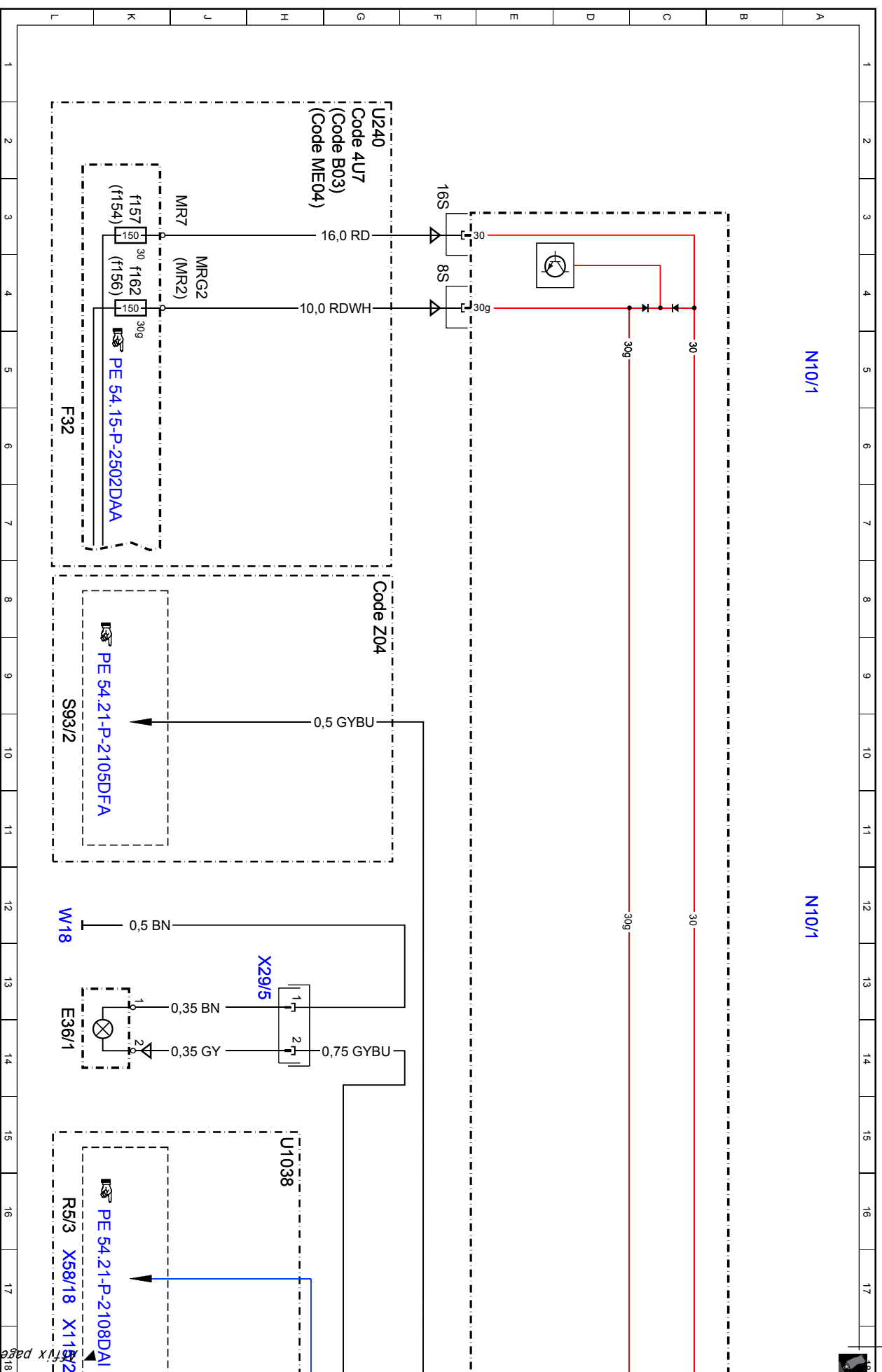
<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
A0	Color code key	88L
A98	Panoramic sliding roof control module	57L
Code 413	Panoramic sliding sunroof	55G
Code 414	Electric glass tilting/sliding roof	51G
Code 407	Start/stop voltage dip protection	2G
Code B03	ECO start/stop function	2G
Code ME04	Hybrid drive 20 KW VARIANT	2H
Code Z04	High protection B4	8G
E17/15	Right front footwell lamp	45L
E17/16	Left front footwell lamp	44L
E17/17	Left rear footwell lamp	27L
E17/18	Right rear footwell lamp	31L
E36/1	Center console armrest stowage compartment switch and controls illumination	13L
F32	Front electrical prefuse box	6L
F32ft154	Prefuse 154	3K
F32ft156	Prefuse 156	4K
F32ft157	Prefuse 157	3K
F32ft162	Prefuse 162	4K
N10/1	Front SAM control unit with fuse and relay module	12A
N10/1	Front SAM control unit with fuse and relay module	28A
N10/1	Front SAM control unit with fuse and relay module	36A
N10/1	Front SAM control unit with fuse and relay module	44A
N10/1	Front SAM control unit with fuse and relay module	51A
N10/1	Front SAM control unit with fuse and relay module	60A
N10/1	Front SAM control unit with fuse and relay module	5A
N10/1	Front SAM control unit with fuse and relay module	21A
N10/1ft12	Front SAM control unit with fuse and relay module	67A
N10/1ft17	Fuse 12	63A
N22/7	Fuse 17	54A
N69/1	Automatic air conditioning control and operating unit	61L
N69/2	Left front door control unit	34L
N70	Right front door control unit	34L
N70	Overhead control panel control unit	23L
N70/3	Overhead control panel control unit	53L
N70/3	Overhead control panel electronics	48L
N70/3b1	Overhead control panel electronics	23L
N70b1	Interior temperature sensor with integrated fan	50L
N72/1	Interior temperature sensor with integrated fan	54L
	Upper control panel control unit	66L

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N73	Electronic ignition switch control unit	38L
R3	Front cigarette lighter with ashtray illumination	20L
R3e1	Ashtray illumination	20L
R3x1	Front cigarette lighter with ashtray illumination electrical connector	20J
R5/3	Rear cup holder	16L
S16/12	Automatic transmission transmission mode button	72L
S16/12	Automatic transmission transmission mode button	75L
S77	Suspension button group	79L
S77s1	Electronic level control button	78L
S77s2	Comfort and Sport button	80L
S93/2	Two-way radio switch	9L
U1	Valid for USA	21G
U1038	Valid for vehicle model designation 212.1	15H
U112	Valid for footwell lamps	43G
U112	Valid for footwell lamps	25G
U113	Valid for 2-zone THERMATIC	59G
U114	Valid for 3-zone THERMOTRONIC	59G
U12	Valid for left-hand drive vehicles	43H
U12	Valid for left-hand drive vehicles	25G
U12	Valid for left-hand drive vehicles	33G
U13	Valid for right-hand drive vehicles	43H
U13	Valid for right-hand drive vehicles	25G
U13	Valid for right-hand drive vehicles	33G
U240	Valid for all except E00 start/stop function	2G
U836	Valid for AIRMATIC	74G
U89	Valid for tilting/sliding roof	21G
U897	Valid for intelligent servo module for DIRECT SELECT	33G
U942	Valid without AIRMATIC	70G
U991	Valid for all except tilting/sliding roof	21G
U991	Valid for all except tilting/sliding roof	46G
W15/5	Left front footwell ground point	45G
W15/7	Right front footwell ground point	45G
W18	Left front seat crossmember ground point	26L
W18	Left front seat crossmember ground point	12L
W19	Right front seat crossmember ground point	81L
W19	Right front seat crossmember ground point	29L
X115/2	Rear USB electrical connector	18L
X138/1	Front center console electrical connector	74E
X138/1	Front center console electrical connector	77E

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<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
X18/37	Emergency call system button electrical connector	23H
X204	Panoramic sliding roof electrical connector	57H
X29/5	Armrest stowage compartment illumination electrical connector	13H
X55/3	Driver seat connector block	27H
X55/3	Driver seat connector block	30J
X55/4	Front passenger seat connector block	30H
X55/4	Front passenger seat connector block	27J
X58/18	Rear center console power outlet	17L
Z50/1	Circuit 58d instrument panel connector sleeve	41H
Z50/3	Circuit 31 instrument panel connector sleeve	45H
Z51/6	Circuit 58d vehicle interior connector sleeve	20G
Z6/85	Sensor ground connector sleeve	61H
Z61/5	Center console wiring harness circuit 31 connector sleeve	73H
Z61/5	Center console wiring harness circuit 31 connector sleeve	80H
Z61/5	Center console wiring harness circuit 31 connector sleeve	76H
Z68/14	Cockpit LIN bus connector sleeve	68L
Z68/15	Center console LIN bus connector sleeve	77H
Z68/15	Center console LIN bus connector sleeve	74H
Z7/19	Circuit 30 (fused) connector sleeve	78H
Z7/19	Circuit 30 (fused) connector sleeve	75H
Z7/21	Air conditioning circuit 30 connector sleeve	60H



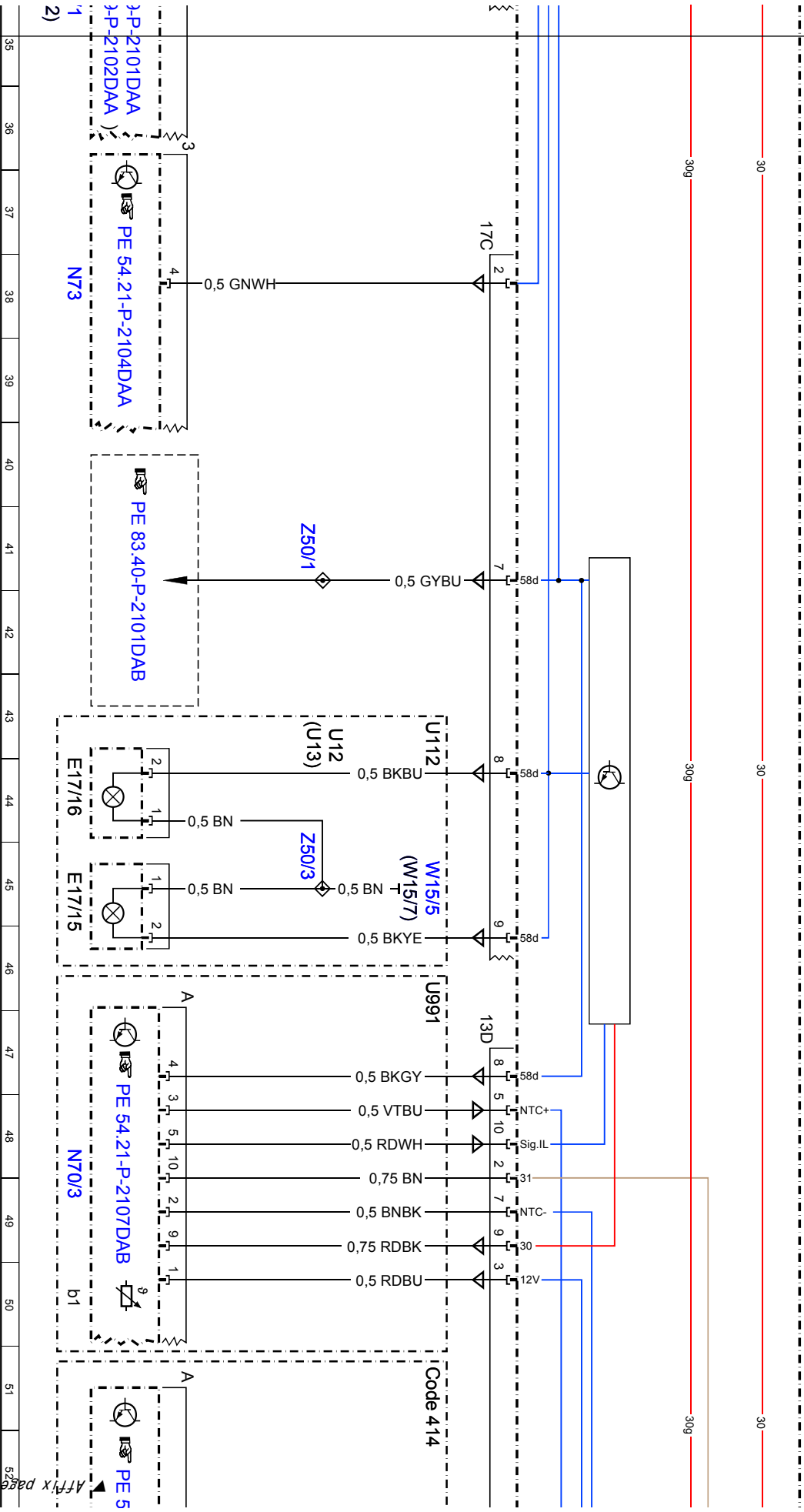


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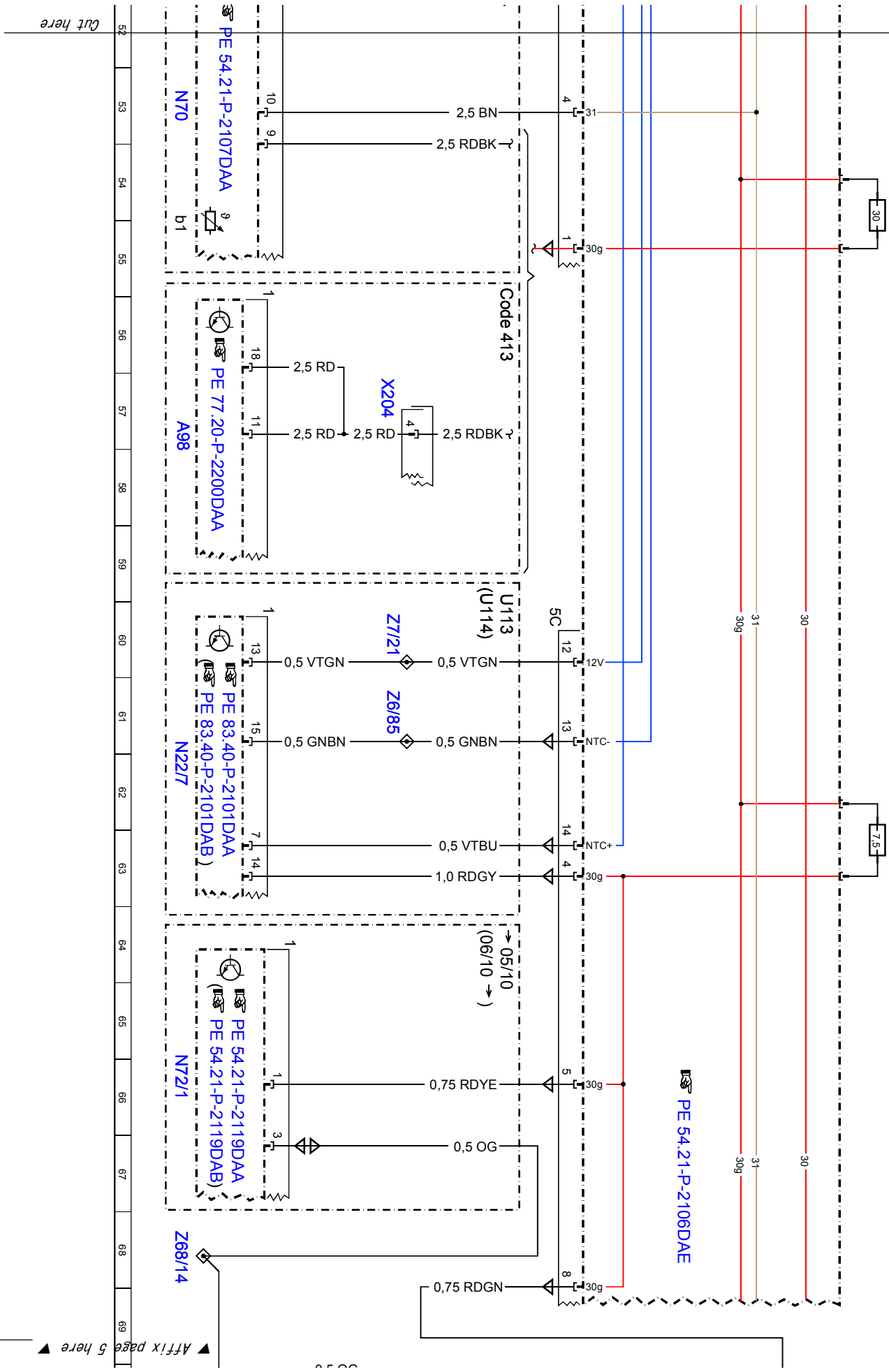
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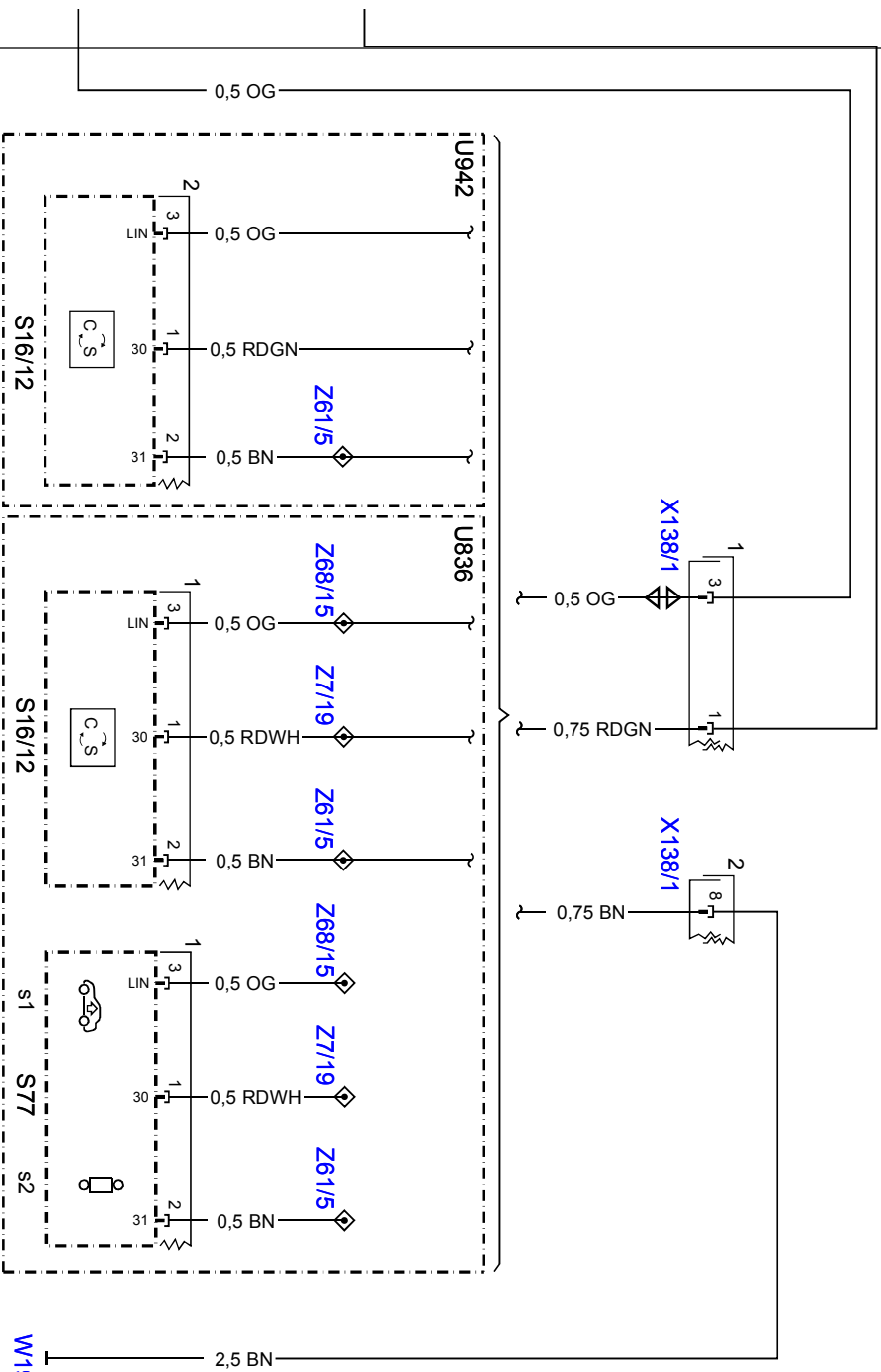
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