

Document number: pe54.21-p-2103-97ka

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

Code:	Designation:	Position:
A0	Color code key	24L
A26/14	Interior motion sensor transmitter and receiver	41L
A7/3	SBC hydraulic unit	37L
B33	ATA [EDW] inclination sensor	69L
B4	Fuel level sensor	57L
B78	Selecter lever position sensor	55L
E12	Shift gate illumination	65L
E18/1	Luggage compartment lamp	12L
E19/1	Left license plate lamp	14L
E19/2	Right license plate lamp	15L
E21	Center high-mounted stop lamp	59L
E3	Left taillamp	60L
E3e1	Left turn signal lamp	61L
E3e3	Left backup lamp	61L
E3e5	Left rear fog lamp	60L
E3e6	Left taillamp, parking lamp (additional)	59L
E3e9	Left stop lamp, taillamp and parking lamp	64L
E4	Right taillamp	62L
E4e1	Right turn signal lamp	63L
E4e3	Right backup lamp	62L
E4e5	Right rear fog lamp	63L
E4e6	Right taillamp, parking lamp (additional)	64L
E4e9	Right stop lamp, taillamp and parking lamp	5D
K40/5	Rear fuse and relay module	29L
K40/5	Rear fuse and relay module	34L
K40/5	Rear fuse and relay module	29L
K40/5f74	Fuse 74	33L
K40/5f74	Fuse 74	4A
N10/8	Rear SAM control unit	12A
N10/8	Rear SAM control unit	20A
N10/8	Rear SAM control unit	28A
N10/8	Rear SAM control unit	45A
N10/8	Rear SAM control unit	52A
N10/8	Rear SAM control unit	36A
N10/8	Rear SAM control unit	61A
N10/8	Rear SAM control unit	68A
N15/6	Automated manual transmission control unit	52L
S10/4	Right rear brake pad contact sensor	44L

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Code:	Designation:	Position:
S17/3	Left door contact switch	49L
S17/4	Right door contact switch	48L
S62/26	RTC [HDFS] button	67L
S62/32	Center console stowage compartment ATA [EDW] switch	26L
S62/33	Left rear box ATA [EDW] switch	45L
S62/34	Right rear box ATA [EDW] switch	46L
S88/4	Pawl rotary tumbler switch	11L
S88/4s1	Rotary tumbler switch	11K
S88/4s2	Lock pawl switch	11K
U1	Valid for USA	54D
U12	Valid for left-hand drive vehicles	52H
U127	Valid for engine 272, engine 273 KE	
U127	Valid for engine 272, engine 273 KE	
U13	Valid for right-hand drive vehicles	
U152	Valid for engine 156	
U152	Valid for engine 156	
U19	Valid for M112.973, M113.963	1A
U19	Valid for M112.973, M113.963	27G
U2	Valid for all except USA	23A
U332	Valid for RTC [HDFS]	67D
U425	Valid for SL 55 AMG	1B
U425	Valid for SL 55 AMG	27H
U428	Valid for SL 65 AMG and SL 600	1B
U428	Valid for SL 65 AMG and SL 600	31G
U674	Valid for automated manual transmission (SEQ) [ASG]	50J
U812	Valid for Australien	54D
W15	Power ground (electronics)	26G
W15	Power ground (electronics)	48G
W15	Power ground (electronics)	44E
W37	Ground (left footwell)	50G
W6	Ground (left wheelhouse in luggage compartment)	37G
W6/1	Ground (left taillamp in trunk)	59G
W6/1	Ground (left taillamp in trunk)	12G
W6/1	Ground (left taillamp in trunk)	9L
W7	Ground (right wheelhouse in luggage compartment)	64G
X22/23	Gear indicator sensor connector	57G
X30/17	Rear voltage distributor (CAN B) connector	18L
X30/17	Rear voltage distributor (CAN B) connector	21L
X35/15	Module box separation point	40G

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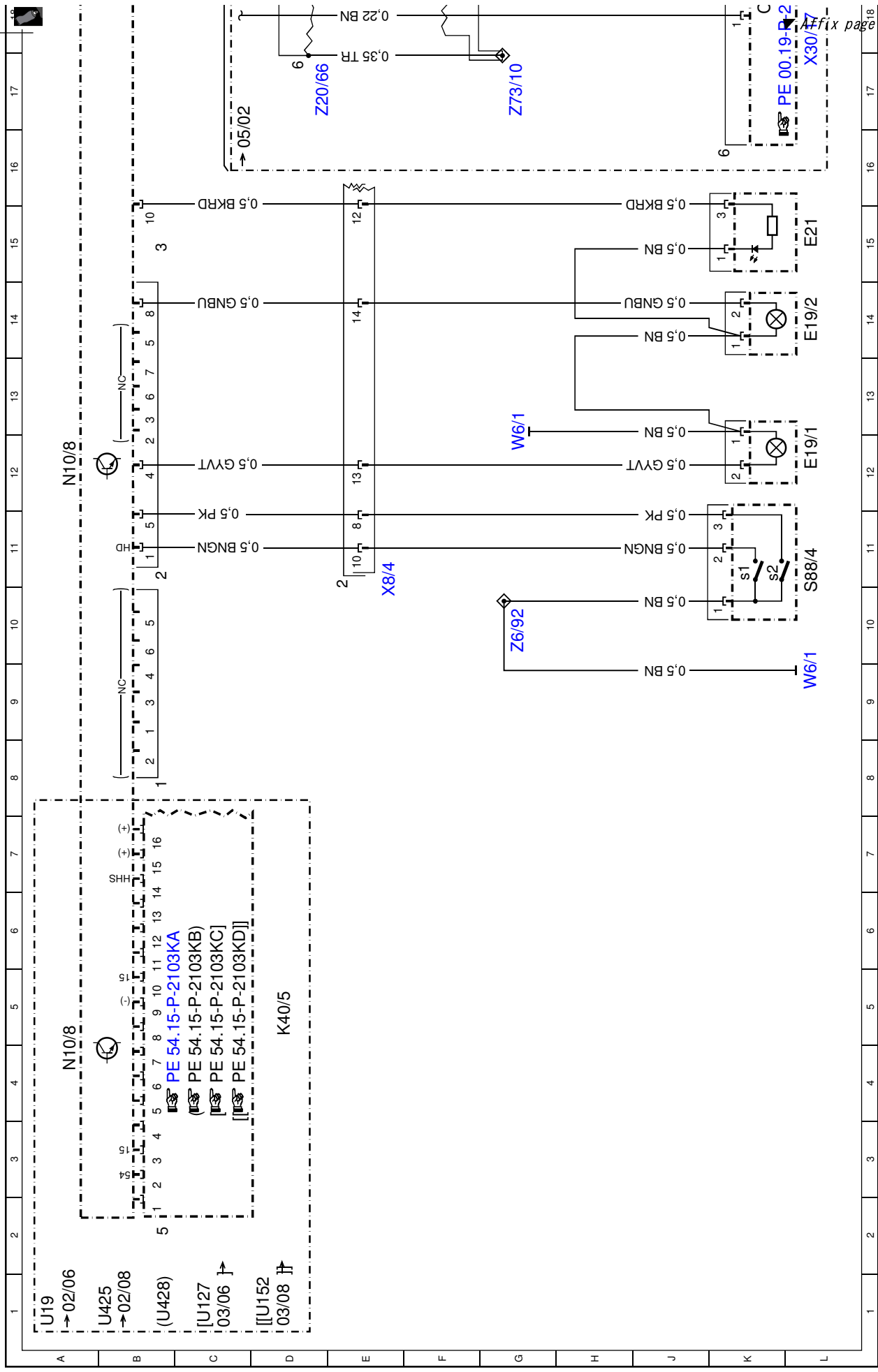
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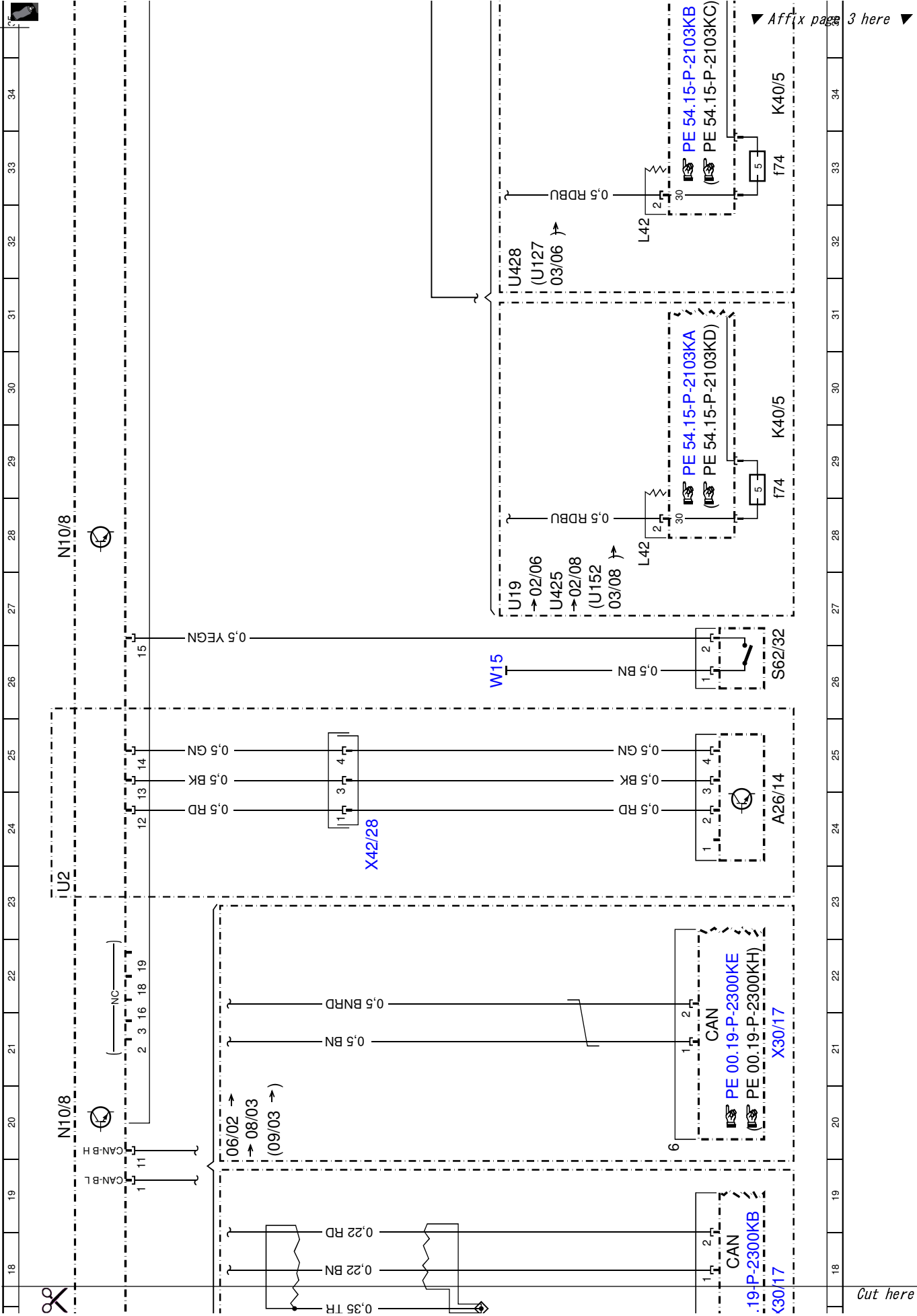
X42/28
X8/4
X8/4
X88/15
Z20/66
Z6/92
Z73/10

ATA-IMS [EDW/IRS] and towing sensor connector
Trunk lid separation point
Trunk lid separation point
Right rear brake pad contact sensor connector
Rear CAN B screen end
Trunk lid ground connector sleeve
Rear CAN B screen connector sleeve (soldered connector in wiring harness)

Position:

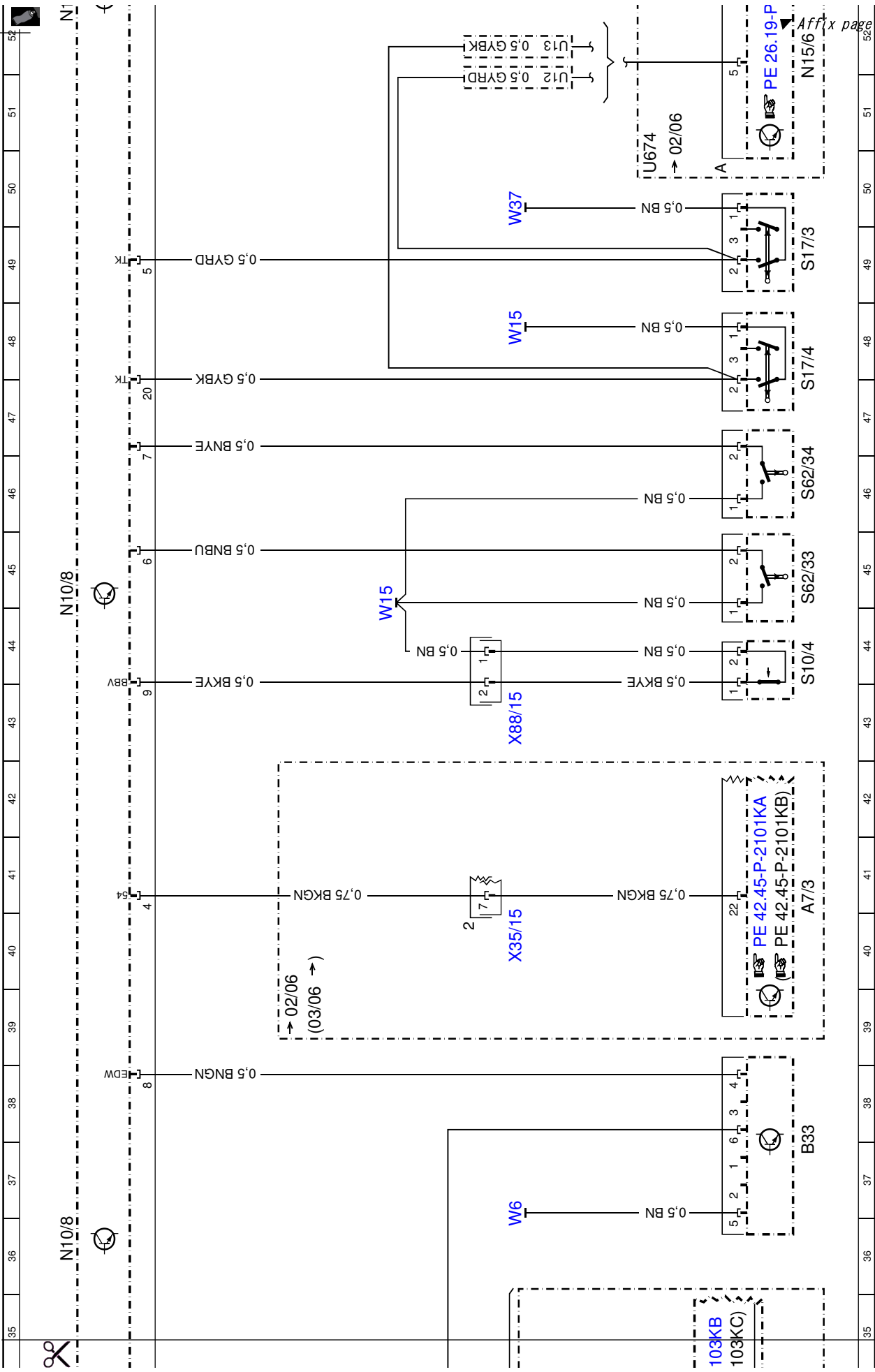
24E
11E
67G
43G
17E
10G
17G

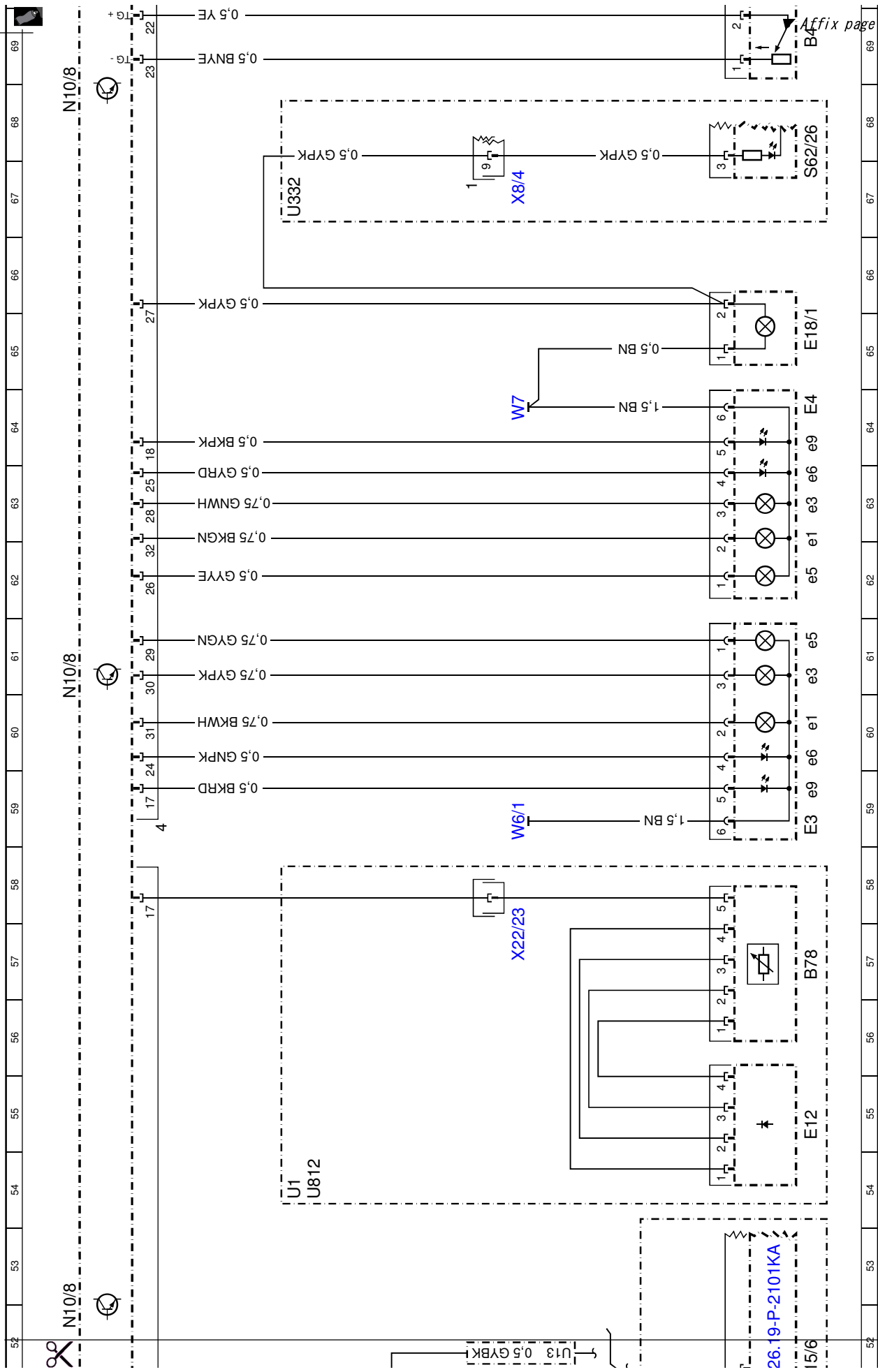




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