

Document number : pe54\_21-p-2109-99db

Document title : Wiring diagram for driver-side SAM control unit with fuse and relay module

Code : Designation : Position :

A0	Color code key	80 L
A34	Telephone handset	5 L
A62	Gear indicator sensor	76 L
F33	Rear prefuse box	1 L
F33	Rear prefuse box	51 L
F33f78	Fuse 78	1 K
F33f80	Fuse 80	51 K
M33	Electric air pump	49 L
M4/1	Oil cooler fan	41 L
M46	SEQ [AS6] hydraulic pump	21 L
N10/1	Driver-side SAM control unit with fuse and relay module	4 A
N10/1	Driver-side SAM control unit with fuse and relay module	12 A
N10/1	Driver-side SAM control unit with fuse and relay module	20 A
N10/1	Driver-side SAM control unit with fuse and relay module	28 A
N10/1	Driver-side SAM control unit with fuse and relay module	37 A
N10/1	Driver-side SAM control unit with fuse and relay module	45 A
N10/1	Driver-side SAM control unit with fuse and relay module	52 A
N10/1	Driver-side SAM control unit with fuse and relay module	60 A
N10/1	Driver-side SAM control unit with fuse and relay module	68 A
N10/1	Driver-side SAM control unit with fuse and relay module	76 A
N10/11	Passenger-side SAM control unit	57 L
N10/1f43	Fuse 43	34 C
N10/1f44	Fuse 44	38 C
N10/1f45	Fuse 45	53 C
N10/1f46	Fuse 46	65 C
N10/1f47	Fuse 47	62 C
N10/1f50	Fuse 50	8 C
N10/1f55	Fuse 55	5 C
N10/1f57	Fuse 57	25 C
N10/1f59	Fuse 59	24 C
N10/1f60	Fuse 60	41 C
N10/1f61	Fuse 61	45 C
N10/1f62	Fuse 62	17 C
N10/1f63	Fuse 63	20 C
N10/1f67	Fuse 67	15 C
N10/1k1	Circuit 87 relay, engine	36 A
N10/1kK	Circuit 87 relay, chassis	51 A
N10/1kL	Starter relay	32 A
N10/1kM	SEQ [AS6] pump control relay	18 A

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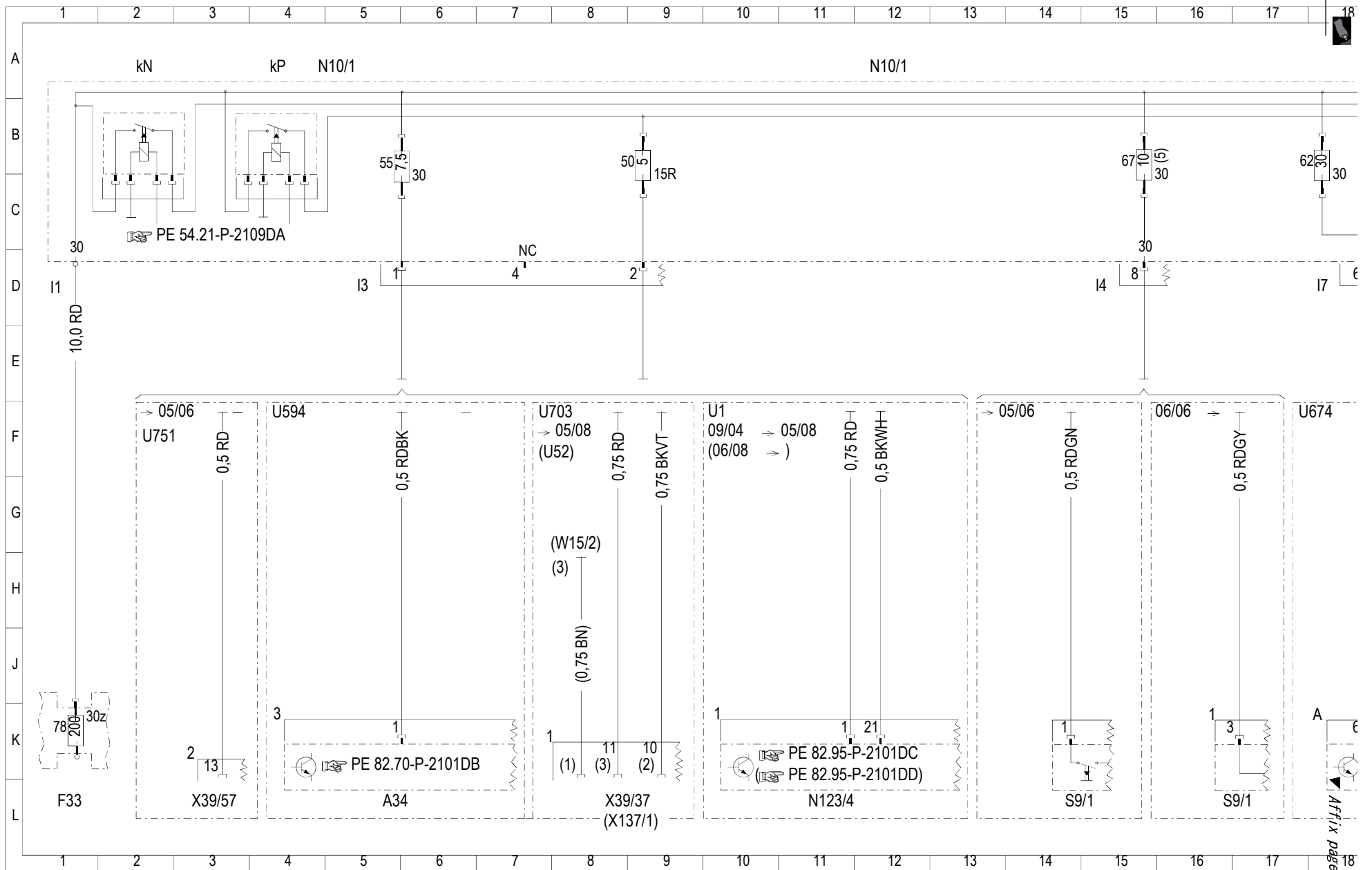
Code: Designation: Position:

N10/1kN	Circuit 15 relay	2 A
N10/1kP	Circuit 15R relay	3 A
N10/1kR	Air pump or oil cooler fan relay	23 A
N123/4	Emergency call system control unit	11 L
N15/3	ETC [EGS] control unit	65 L
N15/5	Electronic selector lever module control unit	71 L
N15/6	Automated manual transmission control unit	19 L
N15/6	Automated manual transmission control unit	65 L
M47-5	ESP control unit	62 L
N51	AIRMATIC with ADS control unit	54 L
N97	Rear axle level control system control unit	54 L
S16/10	Gear recognition switch (voltage coded)	68 L
S16/5	Transmission mode switch	76 L
S9/1	Stop lamp switch	14 L
S9/1	Stop lamp switch	16 L
U1	Valid for USA	10 F
U103	Valid for secondary air injection	48 H
U137	Valid for engine 112 and 113	22 F
U137	Valid for engine 112 and 113	45 F
U152	Valid for engine 156	28 F
U152	Valid for engine 156	39 F
U152	Valid for engine 156	42 F
U157	Valid for engine 272 DE	28 F
U157	Valid for engine 272 DE	45 F
U425	Valid for E 55 AMG	22 F
U425	Valid for E 55 AMG	39 F
U427	Not valid for E 55 AMG	45 F
U484	Valid for M273 ME	28 F
U484	Valid for M273 ME	42 F
U484	Valid for M273 ME	43 H
U490	Valid for 7-speed automatic transmission	64 F
U502	Valid for AIRMATIC	52 F
U512	Valid for level control	52 F
U52	Valid for Japan	7 F
U527	Valid for electronic transmission control (ETC [EGS])	64 F
U527	Valid for electronic transmission control (ETC [EGS])	70 F
U594	Valid for fixed installation telephone	4 F
U630	Valid for USA and Canada	73 F
U630	Valid for USA and Canada	75 F

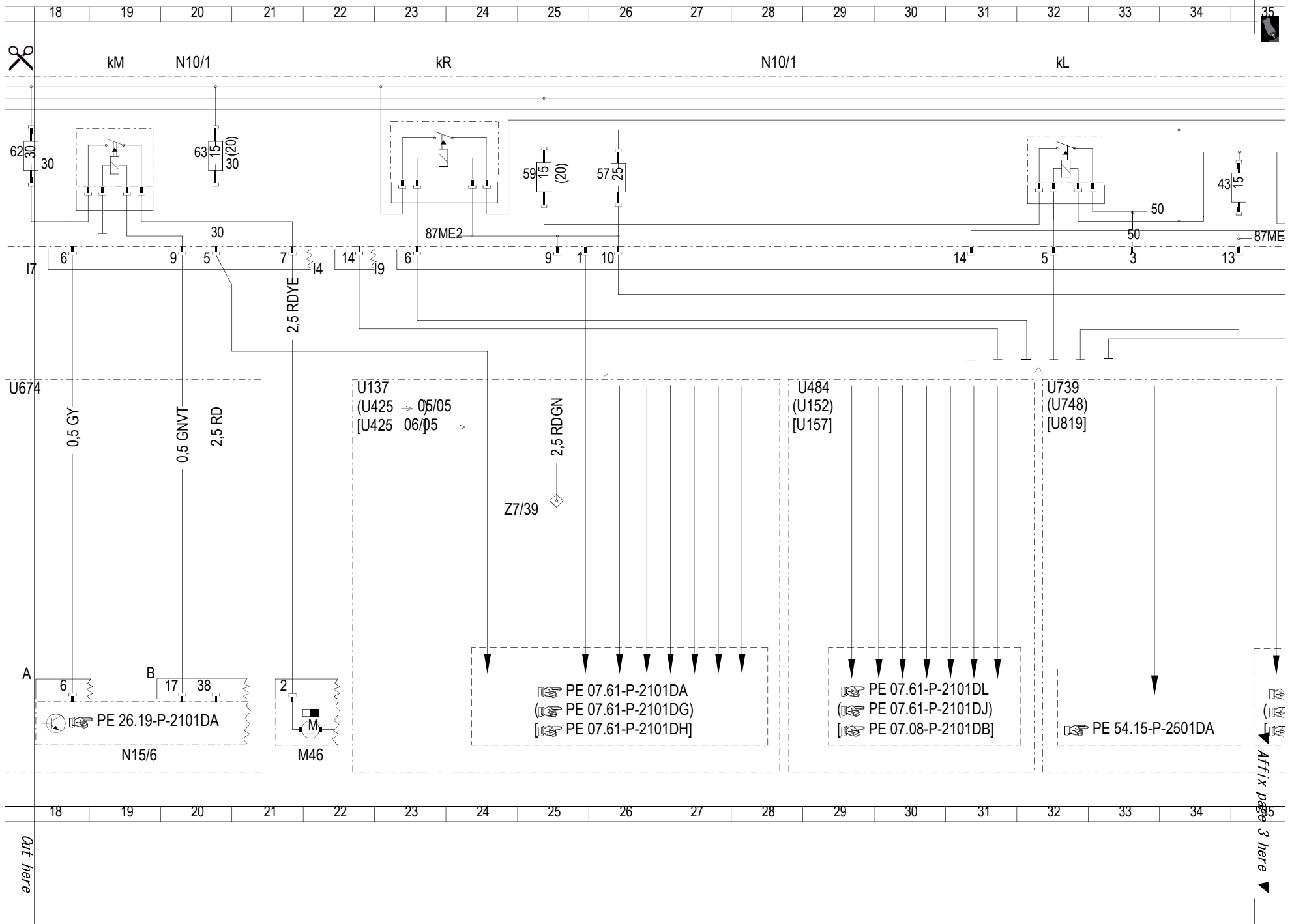
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Code:	Designation:	Position:
U674	Valid for automated manual transmission (SEQ) [ASG]	17 F
U674	Valid for automated manual transmission (SEQ) [ASG]	64 F
U674	Valid for automated manual transmission (SEQ) [ASG]	68 F
U703	Valid for portable CTEL preinstallation	7 F
U739	Valid for engine 271	32 F
U739	Valid for engine 271	38 H
U748	Valid for M271 GNG	32 F
U748	Valid for M271 GNG	38 H
U751	Valid for Bluetooth	2 F
U811	Valid for all except USA Kanada Australien	75 F
U812	Valid for Australien	73 F
U812	Valid for Australien	75 F
U819	Valid for engine 272	32 F
U819	Valid for engine 272	36 F
U819	Valid for engine 272	42 F
U819	Valid for engine 272	43 H
W11/3	Ground (engine, left)	49 H
W15/2	Ground (left footwell)	8 H
W2	Ground (right front, at lamp unit)	41 H
X11/4	Data link connector	59 L
X137/1	VGS power supply separation point	8 L
X39/37	CTEL separation point	8 L
X39/57	Bluetooth module connector	3 L
Y3/8	Electric control unit (VGS)	66 L
Z7/39	Circuit 87 M2i connector sleeve	24 H
Z70/4	Diagnostic socket pin 9 connector sleeve	59 H



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Affix page 3 here

