

Document number: pe54.21-p-2108-97dae

Document title: Wiring diagram / rear SAM control unit with fuse and relay module (N10/2)

Code:	Designation:	Position:
A0	Color code key	80L
A38/1	Pedestrian protection Hall sensor + engine hood ATA [EDW] switch	24L
B4/1	Left fuel level indicator sensor	29L
B4/1	Left fuel level indicator sensor	32L
B4/2	Right fuel level indicator sensor	27L
Code 350	Ecall Europe emergency call system	65G
Code 4U7	Start/stop voltage dip protection	1G
Code 551	Anti-theft alarm system (ATA [EDW])	20G
Code 551	Anti-theft alarm system (ATA [EDW])	23G
Code B03	ECO start/stop function	8G
Code B03	ECO start/stop function	1G
F32	Front electrical prefuse box	4L
F32f158	Prefuse 158	2K
F32f163	Prefuse 163	2K
F32f164	Prefuse 164	6K
F33	Rear prefuse box	13L
F33f172	Prefuse 172	11K
F97	Rear SAM control unit with fuse and relay module circuit 30 fuse	9J
M3	Fuel pump (FP)	74L
N10/1	Front SAM control unit with fuse and relay module	18L
N10/1f23	Fuse 23	
N10/2	Rear SAM control unit with fuse and relay module	12A
N10/2	Rear SAM control unit with fuse and relay module	28A
N10/2	Rear SAM control unit with fuse and relay module	20A
N10/2	Rear SAM control unit with fuse and relay module	37A
N10/2	Rear SAM control unit with fuse and relay module	45A
N10/2	Rear SAM control unit with fuse and relay module	75A
N10/2	Rear SAM control unit with fuse and relay module	4A
N10/2	Rear SAM control unit with fuse and relay module	53A
N10/2	Rear SAM control unit with fuse and relay module	61A
N10/2	Rear SAM control unit with fuse and relay module	69A
N10/2f39	Fuse 39	44A
N10/2f40	Fuse 40	63A
N10/2f41	Fuse 41	52A
N10/2f42	Fuse 42	60A
N10/2f43	Fuse 43	66A
N10/2f44	Fuse 44	36A
N10/2f45	Fuse 45	38A
N10/2f47	Fuse 47	14A
N10/2f48	Fuse 48	32A
N10/2kD	Fuel pump relay	72A
N10/2kF	Seat adjustment relay	34A
N112/2	Telematics services communication module	66L
N118	Fuel pump control unit	58L
N118	Fuel pump control unit	62L
N3/9	CDI control unit	71L
N69/1	Left front door control unit	46L
N69/2	Right front door control unit	54L
N69/3	Left rear door control unit	42L
N69/4	Right rear door control unit	50L
S22/1	Driver seat partially electric seat adjustment switch	38L
S23/1	Front passenger seat partially electric seat adjustment switch	36L
S62/43	Left engine hood contact switch	22L
U1018	Valid for gasoline engine 276	61G
U1019	Valid for gasoline engine 278	61G
U1027	Valid for gasoline engine 271 continuous fuel injection system (electronic)	57G
U118	Valid for front battery	6G

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U119	Valid for rear battery	11G
U12	Valid for left-hand drive vehicles	34G
U12	Valid for left-hand drive vehicles	39G
U12	Valid for left-hand drive vehicles	73G
U12	Valid for left-hand drive vehicles	40G
U12	Valid for left-hand drive vehicles	52G
U12	Valid for left-hand drive vehicles	49G
U13	Valid for right-hand drive vehicles	34G
U13	Valid for right-hand drive vehicles	39G
U13	Valid for right-hand drive vehicles	73G
U13	Valid for right-hand drive vehicles	40G
U13	Valid for right-hand drive vehicles	44G
U13	Valid for right-hand drive vehicles	49G
U152	Valid for gasoline engine 156	61G
U240	Valid for all except ECO start/stop function	1G
U240	Valid for all except ECO start/stop function	6G
U243	Valid for diesel engine 651 with all-wheel drive	69G
U245	Valid for fuel system control unit	57G
U246	Valid without fuel system control unit	73G
U246	Valid without fuel system control unit	69G
U249	Valid for diesel engine 651 without all-wheel drive	69G
U265	Not valid for pedestrian protection	20G
U285	Valid for partially electric driver seat adjustment	35K
U285	Valid for partially electric driver seat adjustment	37G
U286	Valid for partially electric front passenger seat adjustment	35K
U286	Valid for partially electric front passenger seat adjustment	35G
U484	Valid for gasoline engine 273	59G
U667	Valid for California	31G
U739	Valid for gasoline engine 271 DE	57G
U74	Valid for diesel engines	16G
U819	Valid for gasoline engine 272	58G
U880	Valid for diesel engine 642	69G
U880	Valid for diesel engine 642	16G
U880	Valid for diesel engine 642	57G
U880	Valid for diesel engine 642	7H
U948	Valid for diesel engine 651	17G
U948	Valid for diesel engine 651	57G
U956	Valid for pedestrian protection	23G
U968	Valid for mild hybrid drive	1H
W15/1	Right footwell ground point	75J
W15/2	Left footwell ground point	22H
W18	Left front seat crossmember ground point	34L
W18	Left front seat crossmember ground point	40L
W19	Right front seat crossmember ground point	34L
W19	Right front seat crossmember ground point	40L
W19	Right front seat crossmember ground point	75J
W7	Right rear wheel well ground point	16H
W7	Right rear wheel well ground point	25L
X35/3	Left rear door electrical connector	42J
X35/4	Right rear door electrical connector	50J
X36/2	Fuel pump and vehicle rear wiring harness electrical connector	26K
X36/2	Fuel pump and vehicle rear wiring harness electrical connector	73H
X36/3	Fuel pump harness electrical connector	29K
X36/3	Fuel pump harness electrical connector	31J
X55/3	Driver seat connector block	38H
X55/4	Front passenger seat connector block	36H
Z6/56z2	Circuit 31 connector sleeve	27H

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Code:	Designation:	Position:
Z6/56z2	Circuit 31 connector sleeve	33G
Z7/35z1	Circuit 87 M1e connector sleeve	18H

