

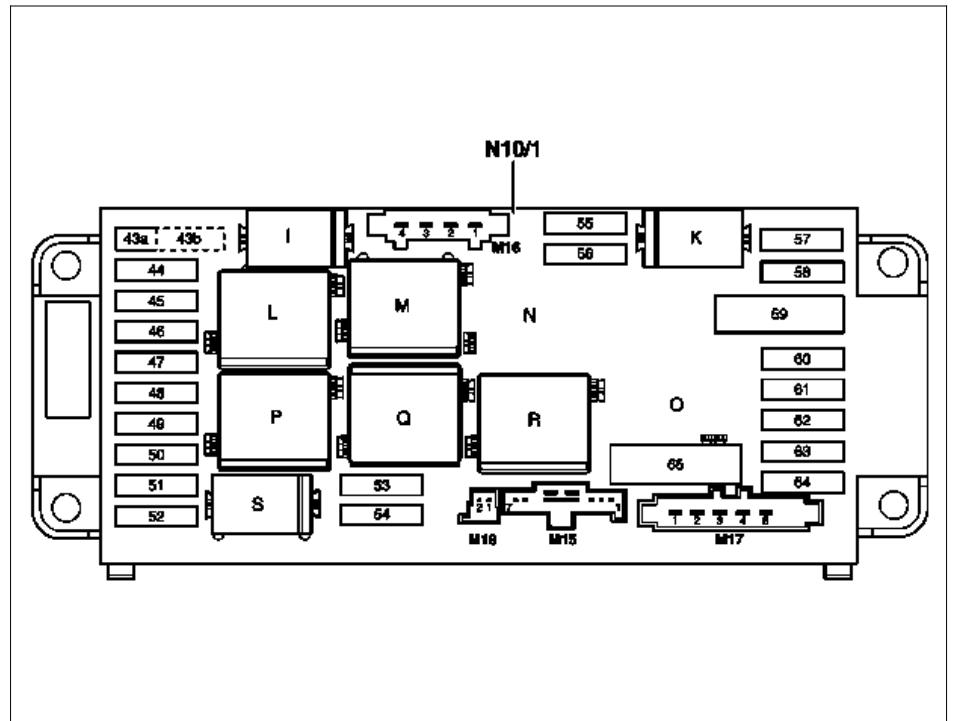
Fuse assignment

44 to 65 Socket

N10/1 Front SAM control unit with fuse and relay module

43a Socket

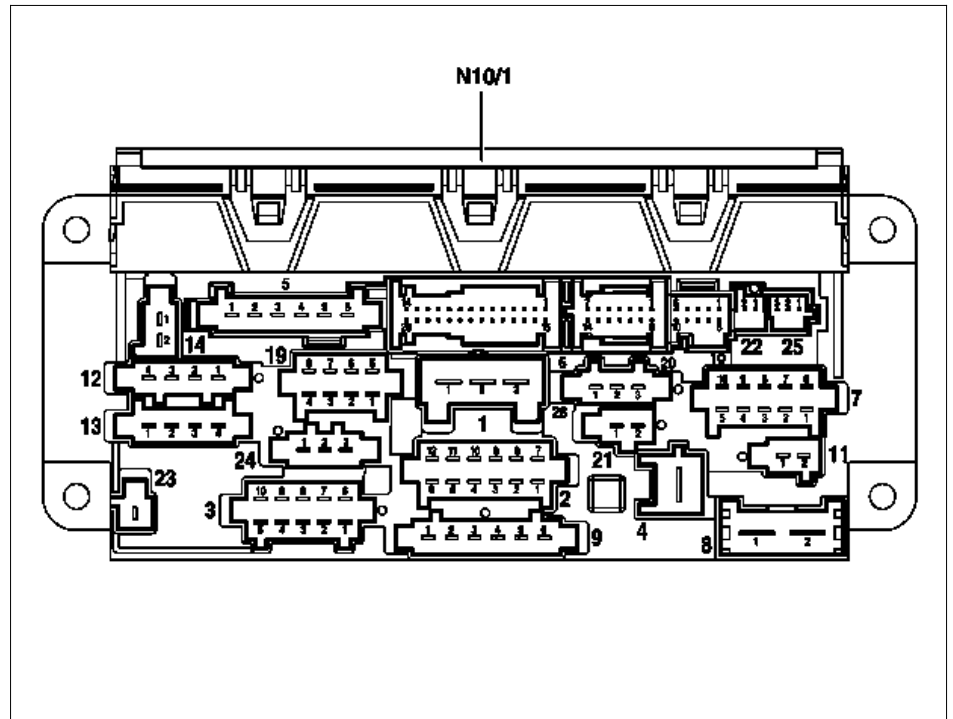
43b Socket



P54.15-2205-06

Connections

N10/1 Front SAM control unit with fuse and relay module



P54.15-2427-06

Bay	Fuse	circuit	Connection	Line identification (line fused)	Fused function	Rating in amperes (A)
43a	N10/1f43a	30	3, Pin 2	1.5 BKWH	● Fanfare horn relay (N10/1kl)	15
43 B	N10/1f43b	15R	3, Pin 2	1.5 BKWH	● Fanfare horn relay (N10/1kl)	15
44	N10/1f44	15R	23, Pin 1	0,5 BKYE	Valid for code (855) TELE AID: ● Telephone and TELE AID transmitter/receiver, D2B (A35/17)	5

					Valid for code (853) MB standard telephone: <ul style="list-style-type: none"> ● Telephone transmitter and receiver unit, D2B (A35/13) Valid for code (854) MB portable CTEL or code (852) portable CTEL preinstallation complete on dome: <ul style="list-style-type: none"> ● Portable CTEL separation point (X39/37) 	
45	N10/1f45	15R	12, Pin 4	0.75 PKBK	<ul style="list-style-type: none"> ● Restraint systems control unit (N2/7/) 	7.5
46	N10/1f46	15	-	-	<ul style="list-style-type: none"> ● Wiper ON/OFF relay (N10/1kQ) 	40
47	N10/1f47	15R	19, Pin 6	1.5 BKYE 1,0 BKYE	<ul style="list-style-type: none"> ● Front cigar lighter (with illumination) (R3) ● Glove compartment illumination with switch (E13/2) 	15
48	N10/1f48	15	17, Pin 3	1,0 BKYE	Valid for engine 112: <ul style="list-style-type: none"> ● Ignition coils (T1/1 up to T1/6) Valid for engine 113: <ul style="list-style-type: none"> ● Ignition coils (T1/1 up to T1/8) 	15
49	N10/1f49	15	12, Pin 3	0.5 BKRD	<ul style="list-style-type: none"> ● Restraint systems control unit (N2/7/) 	7.5
50	N10/1f50	15	19, Pin 4	0,5 BKGN	<ul style="list-style-type: none"> ● Switch and controls illumination of light switch module (S1) 	5
51	N10/1f51	15	19, Pin 8 2, Pin 6 24, Pin 1 19, Pin 8	0,5 BKBN 0.75 BKWH 0.75 BKWH 1.5 BKRD 0,75 BKPK 0,5 BKBN	<ul style="list-style-type: none"> ● Instrument cluster (A1) Valid up to 31.5.04: <ul style="list-style-type: none"> ● AAC with integrated control additional fan motor (M4/7) Valid as of 1.6.04 <ul style="list-style-type: none"> ● Engine and AC electric suction fan with integrated control (M4/7) (engines 112, 113) ● Engine and AC electric suction fan with integrated control (M4/7) (engine 271) Valid for code (614) bi-xenon headlamp unit: <ul style="list-style-type: none"> ● Left front lamp unit (E1) ● Right front lamp unit (E2) Valid for code (581) Comfort automatic air conditioning: <p>Via cockpit/climate sensors connector (X85/9):</p> <ul style="list-style-type: none"> ● C-AAC [K-KLA] multifunction sensor (B31) ● C-AAC [K-KLA] sun sensor (4 in total) (B32/2) 	7.5
52	N10/1f52	50	17, Pin 1	2.5 VT	<p>Via engine separation point connector (X26/2):</p> <ul style="list-style-type: none"> ● Starter (M1) 	15
53	N10/1f53	87	- 2, Pin 9 3, Pin 8 2, Pin 9 17, Pin 2 - 2, Pin 9 3, Pin 8	- 1,5 RDBN 0,75 VTWH 0.75 RDBU 1,0 RDBU - 2.5 RDBU 0,75 VTWH	Valid for engines 112, 113, 271: <p>Actuation: Starter relay (N10/1ks)</p> Valid for engine 271: <ul style="list-style-type: none"> ● ME-SFI [ME] control unit (N3/10/) ● ME-SFI [ME] control unit (N3/10/) Valid for engines 112, 113: <ul style="list-style-type: none"> ● ME-SFI [ME] control unit (N3/10/) ● Terminal 87M1e connector sleeve (Z7/35) Valid for engine 611: <p>Actuation: Starter relay (N10/1ks)</p> <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● CDI control unit (N3/9) 	15 25
54	N10/1f54	87	- 17, Pin 4 2, pin 2 17, Pin 4 2, pin 2	- 1.5 BKRD 1.0 BKRD 0.75 BKRD 1.5 BKRD 1.0 BKRD 1.5 BKRD 2.5 BKRD	Valid for engines 112, 113, 271: <p>Actuation: Air pump relay (N10/1kQ)</p> <ul style="list-style-type: none"> ● Circuit 87 M2e connector sleeve (Z7/36) Valid for engine 271: <ul style="list-style-type: none"> ● NOX (nitrogen oxides) control unit N37/4 Valid for (USA): <ul style="list-style-type: none"> ● Activated charcoal filter shutoff valve (Y58/4) Valid for engine 271: <ul style="list-style-type: none"> ● ME-SFI [ME] control unit (N3/10/) ● Purge control valve (Y58/1) Valid for engine 612: <ul style="list-style-type: none"> ● Circuit 87 M2e connector sleeve (Z7/36) ● CDI control unit (N3/9) ● Purge control valve (Y58/1) 	15 7.5
55	N10/1f55	87	21, Pin 1 9, Pin 3 9, Pin 1	0.75 RDBU 0,75 RDBN 0.75 RDBU 0,75 RDWH	Valid for code (219) Distronic (DTR): <ul style="list-style-type: none"> ● DTR control unit (N63/1) (up to 31.5.04) ● DTR control unit (A89) (as of 1.6.04) Valid for transmission 722: <ul style="list-style-type: none"> ● Electronic selector lever module control unit (N15/5/) Valid for transmission 722.6: <ul style="list-style-type: none"> ● ETC [EGS] control unit (N15/3/) 	7.5

			9, Pin 1	1,0 RDWH	Valid for code (424) Sequentronic automated manual transmission (ASG): <ul style="list-style-type: none"> Automated manual transmission control unit (N15/6/) Gear recognition switch (S16/10) Valid for transmission 722.9: <ul style="list-style-type: none"> Electric control unit (VGS) (Y3/8) 		
			9, Pin 3	0.75 RDBU			
			9, Pin 1	1,0 RDWH			
56	N10/1f56	87	7, Pin 3	0.75 RDBU	<ul style="list-style-type: none"> ESP and BAS control unit (N47-5) 	5	
57	N10/1f57	30	19, Pin 1 19, Pin 1	0.5 RDBU 0.5 RDBK	<ul style="list-style-type: none"> EIS [EZS] control unit (N73) Steering column module (N80) 	5	
58	N10/1f58	30	9, Pin 5	2.5 RDYE	Valid for code (424) Sequentronic automated manual transmission (ASG): Via SEQ (ASG) connector, 2-pin (X22/18): <ul style="list-style-type: none"> SEQ hydraulic pump (M46) 	40	
59	N10/1f59	30	8, Pin 2	4.0 RD	<ul style="list-style-type: none"> ESP and BAS control unit (N47-5) 	50	
60	N10/1f60	30	8, Pin 1	2.5 RD	<ul style="list-style-type: none"> ESP and BAS control unit (N47-5) 	40	
61	N10/1f61	30	9, Pin 6	RDGN 2.5	Valid for code (424) Sequentronic automated manual transmission (ASG): <ul style="list-style-type: none"> Automated manual transmission control unit (N15/6/) 	15	
62	N10/1f62	30	2, Pin 11 19, Pin 2	0.75 RDGN 0,5 RDYE	<ul style="list-style-type: none"> Data link connector (X11/4/) Light switch module (S1) 	5	
63	N10/1f63	30	19, Pin 5	RDGN 0.5	<ul style="list-style-type: none"> Light switch module (S1) 	5	
64	N10/1f64	30	11, Pin 2	2.5 RDBU 1.5 RDBU	Valid for audio equipment: <ul style="list-style-type: none"> Radio (A2) Radio and navigation unit (A2/56) COMAND operating, display and control unit (A40/3) up to 31.5.04 as of 1.6.04	15	
65	N10/1f65	30	17, Pin 5	4.0 RDWH	Valid for engines 112, 113, 271: <ul style="list-style-type: none"> Electric air pump (M33) 	40	