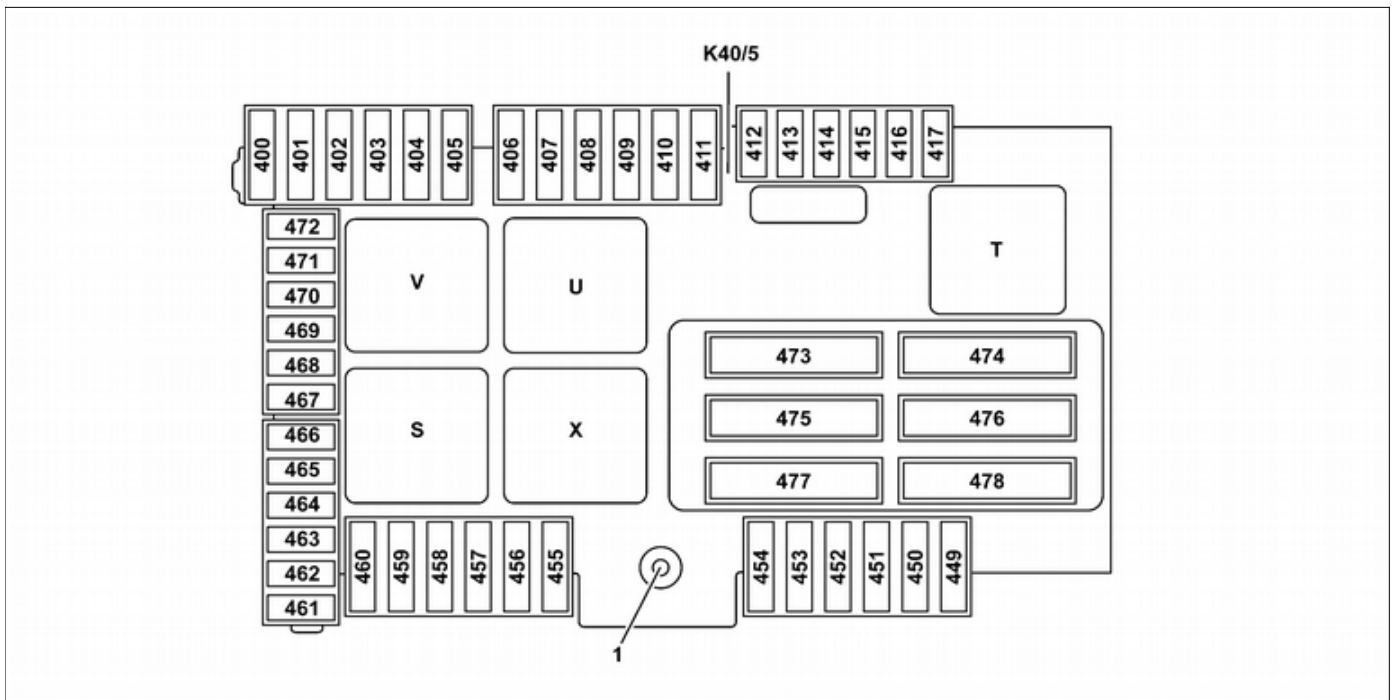


Model 257, 290

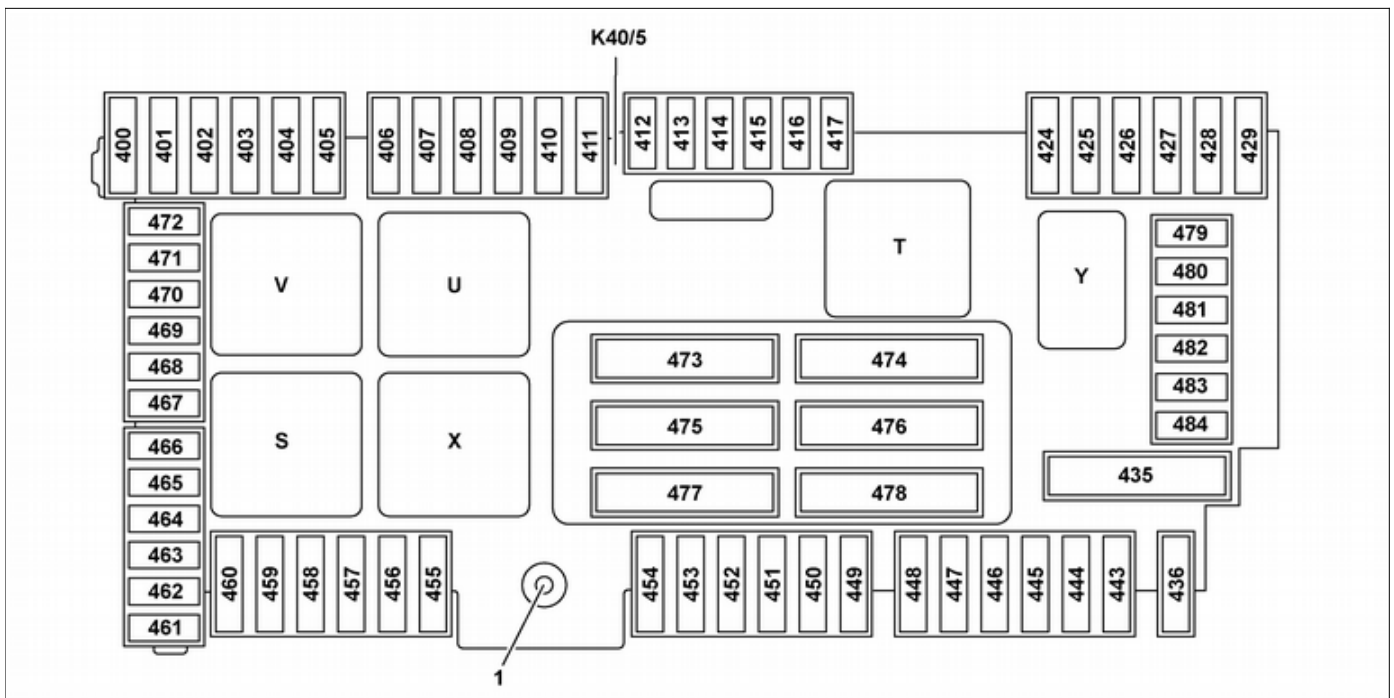


P54.15-3685-09

Model 257, variant 1

1 Connection "E1"

K40/5 Rear fuse and relay module



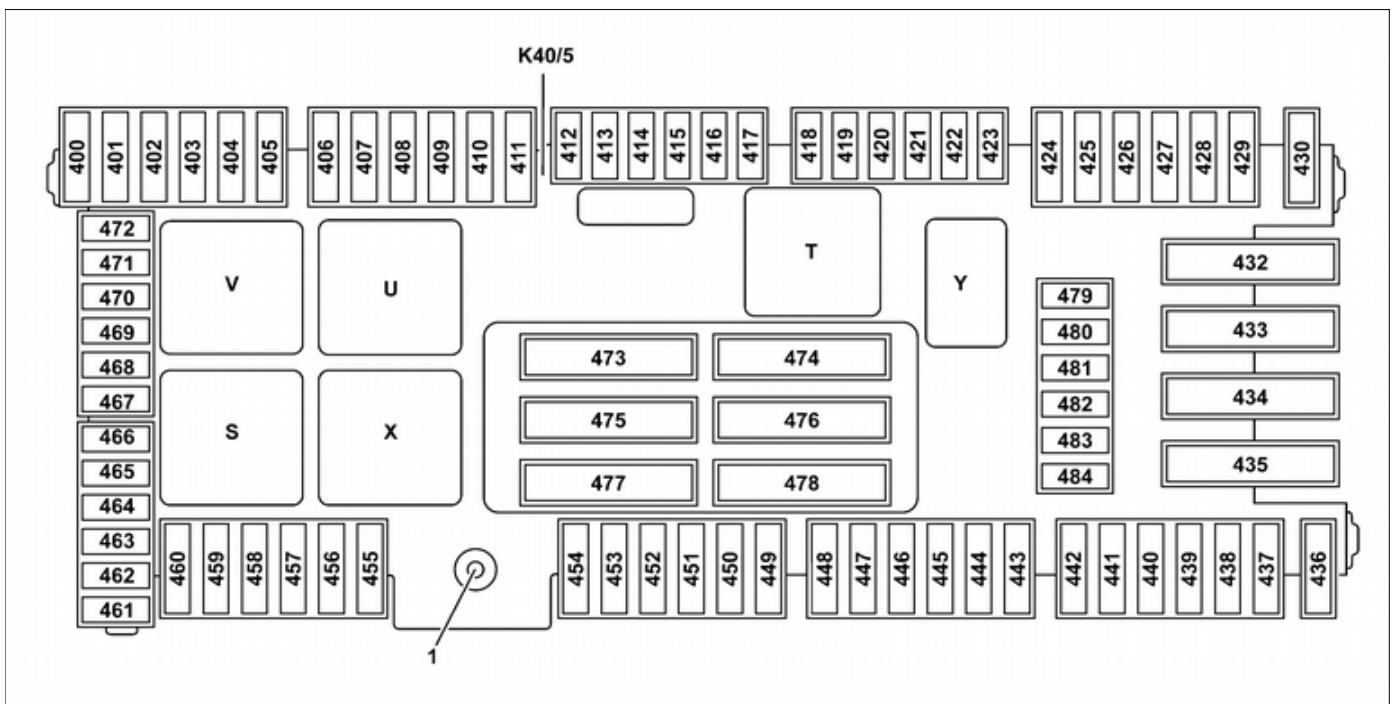
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Model 257, variant 2

1 Connection "E1"

K40/5 Rear fuse and relay module

i The rear fuse and relay module is installed in two variants, depending on the equipment involved.



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Model 290

1 Connection "E1"

K40/5 Rear fuse and relay module

Slot	Fuse	Circuit	Wire Identification	Fused component	Fuse rating (A)
400...402	Electrical fuse 400 (K40/5f400) - Electrical fuse 402 (K40/5f402)	-	-	Spare	-
403	Electrical fuse 403 (K40/5f403)	87	2.5 RDYE	Except code 278 (Fully electric front seats) and except code 275 (Memory Package): Front passenger seat partially electric seat adjustment switch (S23/1)	30
404	Electrical fuse 404 (K40/5f404)	87	2.5 RDGN	Except code 278 (Fully electric front seats) and except code 275 (Memory Package): Driver seat partially electric seat adjustment switch (S22/1)	30
405	Electrical fuse 405 (K40/5f405)	87	0.5 RD	Model 290 except code 224 (Design individual rear seat system): USB port in rear passenger compartment at left (X115/3) USB port in rear passenger compartment at right (X115/4)	5
				Model 290 with code 224 (Individual rear seat system design): Rear cup holder (R5/3)	
406	Electrical fuse 406 (K40/5f406)	30t	0.5 RDOG	With code 380 (Car Telephony Package) and code 899 (Multifunction telephony): Telephone antenna changeover switch (A2/168)	5
407	Electrical fuse 407 (K40/5f407)	30t	2.5 RDWH	With code 432 (Left and right dynamic multicontour seat): Multicontour seat pneumatic pump (M40)	30
408	Electrical fuse 408 (K40/5f408)	30t	2.5 RDBU or 2.5 RD	With code 811 (Advanced sound system): Rear woofer amplifier (N40/14)	30
				Model 257 with code B63 (Sporty engine sound), except code 810 (Sound system) and except code 811 (Advanced sound system): Engine sound control unit (N40/1)	
409	Electrical fuse 409 (K40/5f409)	30t	1.0 RDBK	Model 257 with code U79 (BlueTEC (SCR) diesel exhaust gas cleaning, generation 3): AdBlue® control unit (N118/5)	15
410	Electrical fuse 410 (K40/5f410)	30t	0.5 RDYE	With code B01 (48V technology): DC/DC converter control unit (N83/1)	5
411	Electrical fuse 411 (K40/5f411)	30t	2.5 RD	Fuel system control unit (N118)	25
412	Electrical fuse 412 (K40/5f412)	30t	0.5 RD	Model 257 with code 531 (COMAND APS) and code 830 (Additional parts for China vehicles), model 290 with code 531 (COMAND APS) and except code 498 (Japan version): Rear passenger compartment multimedia connection (A90/7)	7,5
				Model 257 up to 30.06.2019: USB port, rear passenger compartment (X115/2)	

				Model 290 except code 224 (Design individual rear seat system): USB port, rear passenger compartment (X115/2) USB port in rear passenger compartment at left (X115/3) USB port in rear passenger compartment at right (X115/4)	
				Model 290 with code 224 (Individual rear seat system design): USB port in rear passenger compartment at left (X115/3) USB port in rear passenger compartment at right (X115/4)	
413	Electrical fuse 413 (K40/5f413)	30t	0.5 RDBK	With code B01 (48V technology): 48 V on-board electrical system battery (G1/3)	5
414	Electrical fuse 414 (K40/5f414)	30t	0.5 RDWH	With code 865 (TV tuner): TV tuner control unit (N143)	5
415	Electrical fuse 415 (K40/5f415)	30t	0.5 RDGN	With code 233 (DISTRONIC PLUS): Mercedes-Benz Intelligent Drive control unit (N62/4)	5
416	Electrical fuse 416 (K40/5f416)	30t	0.5 RD	With code B24 (Remote control for stationary heater): Stationary heater radio remote control receiver (A6/1)	5
417	Electrical fuse 417 (K40/5f417)	30t	0.75 RD	With code 891 (Premium ambient lighting): Ambiance illumination control unit (N162)	7,5
418...423	Electrical fuse 418 (K40/5f418) - Electrical fuse 423 (K40/5f423)	-	-	Spare	-
424	Electrical fuse 424 (K40/5f424)	30t	0.5 RDGN	Model 290 with code 898 (Wireless charging in rear passenger compartment) except code 224 (Individual rear seat system design): Mobile phone cradle control unit in rear passenger compartment (N123/10)	7,5
425	Electrical fuse 425 (K40/5f425)	30t	2.5 RDBU	with code 906 (Front armrest heater): Armrest heater control unit (N5)	30
426	Electrical fuse 426 (K40/5f426)	30t	0.35 RD	Model 290 except code B26 (AMG Aerodynamics Package): Rear wing control unit(N170)	15
427	Electrical fuse 427 (K40/5f427)	30t	2.5 RD	Model 290 with code 467 (Electronic locking differential): Electric differential lock control unit (N3/2)	25
428	Electrical fuse 428 (K40/5f428)	30t	1.5 RDWH	With code 489 (AIR BODY CONTROL): AIR BODY CONTROL Plus control unit (N51/8)	15
429	Electrical fuse 429 (K40/5f429)	30t	0.35 RD	Model 290: DIRECT SELECT INTERFACE (N150)	5
430	Electrical fuse 430 (K40/5f430)	-	-	Spare	-
431	Electrical fuse 431 (K40/5f431)	-	-	Spare	-
432	Electrical fuse 432 (K40/5f432)	30t	6.0 RD	Model 290 with code 201 (Rear axle steering): Right rear axle steering control unit (N68/4)	50
433	Electrical fuse 433 (K40/5f433)	30t	6.0 RD	Model 290 with code 201 (Rear axle steering): Left rear axle steering control unit (N68/3)	50
434	Electrical fuse 434 (K40/5f434)	30t	6.0 RDWH	With code 489 (AIR BODY CONTROL): AIR BODY CONTROL relay (K67)	40
435	Electrical fuse 435 (K40/5f435)	30t	4.0 RDVT	Model 257 with code 881 (Remote trunk closing): Trunk lid control control unit (N121)	50
				Model 290: Tailgate control control unit (N121/1)	
436...441	Electrical fuse 436 (K40/5f436) - Electrical fuse 441 (K40/5f441)	-	-	Spare	-
442	Electrical fuse 442 (K40/5f442)	30t	0.35 RD	Model 290 with code 224 (Individual rear seat system design): Rear cup holder (R5/3)	5
443	Electrical fuse 443 (K40/5f443)	-	-	Spare	-
444	Electrical fuse 444 (K40/5f444)	30t	1.5 RDWH	With CODE 550 (Trailer hitch): Trailer recognition control unit (N28/1)	20
445	Electrical fuse 445 (K40/5f445)	30t	2.5 RDGY	With CODE 550 (Trailer hitch): Trailer recognition control unit (N28/1)	30
446	Electrical fuse 446 (K40/5f446)	30t	2.5 RD	With CODE 550 (Trailer hitch): Trailer recognition control unit (N28/1)	30
447	Electrical fuse 447 (K40/5f447)	30t	1.5 RDBU	With CODE 550 (Trailer hitch): Trailer recognition control unit (N28/1)	20
448	Electrical fuse 448 (K40/5f448)	30t	2.5 RDYE	With CODE 550 (Trailer hitch): Trailer recognition control unit (N28/1)	30
449	Electrical fuse 449 (K40/5f449)	30t	2.5 RDBU	With code U67 (230 volt socket in interior) or code U80 (115V socket): DC/AC converter control unit (N24/3)	25
450	Electrical fuse 450 (K40/5f450)	30t	2.5 RDYE	As of 11.12.2018, engine 256 with code M016 (Engine high-performance engine), engine 177: All-wheel drive control unit (N45)	7,5
451	Electrical fuse 451 (K40/5f451)	30t	2.5 RDBU	With CODE 872 (Seat heater in rear): Rear seat heater control unit (N25/6)	30
452	Electrical fuse 452 (K40/5f452)	30t	2.5 RDGN	Model 290 with code 466 (Active engine mount): Active engine mounts control unit (N3/42)	20

453	Electrical fuse 453 (K40/5f453)	30t	2.5 RDGY	With code 902 (Seat heater plus for driver and front passenger): Driver seat heater control unit (N25/5)	30
454	Electrical fuse 454 (K40/5f454)	30t	1.5 RDWH	With code 489 (AIR BODY CONTROL): AIR BODY CONTROL control unit (N51/3)	15
				With code 459 (Steel suspension with adjustable damping): Adaptive damping system control unit (N51/5)	
455	Electrical fuse 455 (K40/5f455)	87	0.5 RD	With code U67 (230 volt socket in interior) or code U80 (115V socket): DC/AC converter control unit (N24/3)	5
				Model 257 up to 01.07.2019: USB port, rear passenger compartment (X115/2)	
456	Electrical fuse 456 (K40/5f456)	87	1.5 RDWH	Luggage compartment socket (X58/12)	15
457	Electrical fuse 457 (K40/5f457)	87	1.5 RDBK	Model 257 except code 897 (Wireless mobile phone charging) and except code 899 (Multifunction telephony) with code 301 (Smoker's Package), model 290 with code 301 (Smoker's Package): Front cigarette lighter with ashtray illumination (R3)	15
				Except code 301 (Smoker's package): Vehicle interior socket, front (X58/17)	
			1.0 RDBU	With code 866 (Pre-installation for Rear Seat Entertainment System): Driver's seat Rear Seat Entertainment system electrical connector (X55/3) and front passenger seat Rear Seat Entertainment system electrical connector (X55/4)	
			1.5 RDBK	Model 257 with code 460 (Canada version) or code 494 (USA version) and code 897 (Wireless mobile phone charging) or code 899 (Multifunction telephony): Front passenger footwell socket (X58/40)	
458	Electrical fuse 458 (K40/5f458)	87	1.5 RDBN	With code 301 (Smoker's package): Rear cigarette lighter (R3/1)	15
				Except code 301 (Smoker's package): Rear center console socket (X58/18)	
459	Electrical fuse 459 (K40/5f459)	87	0.5 RD	Model 290: Drive Unit control unit (N145/1)	15
460...463	Electrical fuse 460 (K40/5f460) - Electrical fuse 463 (K40/5f463)	-	-	Spare	-
464	Electrical fuse 464 (K40/5f464)	30t	0.5 RD	Model 290: Drive Unit control unit (N145/1)	5
465	Electrical fuse 465 (K40/5f465)	-	-	Spare	-
466	Electrical fuse 466 (K40/5f466)	-	-	Spare	-
467	Electrical fuse 467 (K40/5f467)	30t	0.5 RDGN	With code 475 (Tire pressure monitoring system): Tire pressure monitoring system control unit (N88)	5
468	Electrical fuse 468 (K40/5f468)	30t	0.5 RDWH	With code 235 (Parking Pilot with PARKTRONIC): Parking system control unit (N62)	7,5
				With code 218 (Reversing camera) and except code 235 (Parking Pilot with PARKTRONIC): Reversing camera control unit (N66/2)	
469	Electrical fuse 469 (K40/5f469)	30t	0.5 RDBU	With CODE 871 (HANDS-FREE ACCESS): Rear switching module (N38)	5
470	Electrical fuse 470 (K40/5f470)	30t	0.5 RDYE	Model 290 with code 467 (Electronic locking differential): Electric differential lock control unit (N3/2)	5
471	Electrical fuse 471 (K40/5f471)	-	-	Spare	-
472	Electrical fuse 472 (K40/5f472)	-	-	Spare	-
473	Electrical fuse 473 (K40/5f473)	30t	4.0 RDWH	Model 257 with code U79 (BlueTEC (SCR) diesel exhaust gas cleaning, generation 3): AdBlue® control unit (N118/5)	40
474	Electrical fuse 474 (K40/5f474)	87	4.0 RDBU	Rear window heater (R1)	50
475	Electrical fuse 475 (K40/5f475)	30t	4.0 RD	With code 810 (Sound system): Sound system amplifier control unit (N40/3)	40
				With code 811 (Advanced sound system): Advanced sound system amplifier control unit (N40/7)	
				Model 257 with engine 256 and code M016 (High performance boosted engine) except code B63 (Sporty engine sound) and except code 810 (Sound system) and except code 811 (Advanced sound system): Midline sound system amplifier control unit (N40/2)	
476	Electrical fuse 476 (K40/5f476)	30t	4.0 RDBK	Rear SAM control unit (N10/8)	40
477	Electrical fuse 477 (K40/5f477)	30t	4.0 RDGY	Rear SAM control unit (N10/8)	40

478	Electrical fuse 478 (K40/5f478)	30t	4.0 RD	With code 811 (Advanced sound system): Advanced sound system amplifier control unit (N40/7)	40
479	Electrical fuse 479 (K40/5f479)	-	-	Spare	-
480	Electrical fuse 480 (K40/5f480)	30t	0.5 RD	Model 290 with code 224 (Individual rear seat system design): Touchscreen (A105/3)	5
481...484	Electrical fuse 481 (K40/5f481) - Electrical fuse 484 (K40/5f484)	-	-	Spare	-

Relays	Designation
S	Reserve relay (K40/5kS)
T	Rear window heater relay (K40/5kT)
U	Reserve relay (K40/5kU)
V	Reserve relay (K40/5kV)
X	Rear Seat Entertainment system relay and sockets (K40/5kX)
Y	Spare relay (K40/5kY)