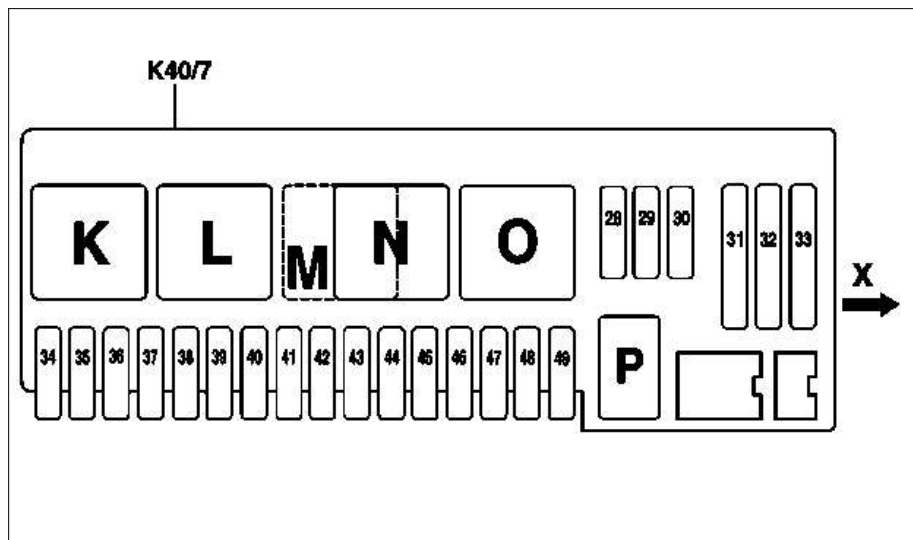


Assignment in the fuse and relay box in the right engine compartment

28-49 Fuses
 K40/7 Right front fuse and relay module
 K-P Relays

x Direction of travel



P54.15-2032-05

Fuse	Terminal	Color of fused wire	Fused function	Fuse rating in amperes (A)
F28	30	-	Fanfare horn relay (K40/7kP)	15
F29	87	-	Gasoline engine 112/113: Motor electronics/chassis relay (K40/7kK)	20
F30	87	-	Gasoline engine 112/113: Motor electronics/chassis relay (K40/7kK)	20
F31	87	-	Air pump relay (K40/7kN)	40
F32	87	-	Air compressor relay (K40/7kO)	40
F33	30	rt/ge 4.0 mm ²	Heating systems recirculation unit (A32)	40
F34	87	rt/ge 0.5 mm ²	ESP, SPS [PML] and BAS control unit (N47-5)	10
F35	30	rt 1.5 mm ²	Valid for steering wheel heater (code 443): DC/DC converter control unit (N99)	15
F36	87	rt 0.5 mm ²	Valid for DISTRONIC (DTR) (code 219a): DTR control unit (N63/1)	7,5
F37	87	rt/ge 1.5 mm ² rt/ge 1.0 mm ² rt/ge 0.75 mm ²	via connector sleeve circuit 87 (Z7/5): <ul style="list-style-type: none"> ● Electric control unit (VGS) (Y3/8) ● Electronic selector lever module control unit (N15/5), AMG only ● ETC control unit (N15/3) 	15
F38	30	rt/ws 0.5 mm ²	Trunk lid emergency release switch (S88/10)	5
F39	30	rt/sw 4.0 mm ²	<ul style="list-style-type: none"> ● Front right door control unit (N69/2), model 220 ● Right door control unit (N69/2), model 215 	40
F40	15	rt 1.0 mm ² rt 0.75 mm ²	Valid for bi-xenon headlamp (code 614), with model 215 series and xenon headlamp unit (code 612b): <ul style="list-style-type: none"> ● Throughconnector sleeve for circuit 15, automatic headlamp range adjustment (Z3/50): <ul style="list-style-type: none"> - Headlamp range adjustment control unit (N71) 	10
F41	30	rt 2.5 mm ² rt 0.75 mm ² rt 2.5 mm ²	Valid with stationary heater (code 228): via circuit 30 connector sleeve (solder connector in harness) (Z7/26): <ul style="list-style-type: none"> ● Stationary heater heater (A6), model 215 ● Stationary heater or heater booster heater (A6), model 220 ● STH radio remote control receiver (A6/1) Valid with stationary heater (code 228), model 220 only with engine 613, 628: <ul style="list-style-type: none"> ● STH heater unit or heater booster heater unit (A6) 	20
F42	30	sw/bl 1.5 mm ²	Auxiliary air unit relay (K25)	20
F43	87	rt/bl 2.5 mm ²	Diesel engine 613: via connector sleeve circuit 87D1 (Z7/47): <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● CDI relay (K40/7kM) 	25

		rt/bl 4.0 mm ² rt/bl 2.5 mm ² rt/bl 1.5 mm ²	Diesel engine 628, 648: via connector sleeve circuit 87D1 (Z7/47): <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● CDI relay (K40/7kM) ● Fuel pump relay (K40/5kT), engine 648 only ● Starter relay (K40/7kL) 	
F44	87	rt/gn 1.0 mm ² rt/gn 1.5 mm ² rt/gn 2.5 mm ² rt/gn 1.5 mm ² rt/gn 2.5 mm ² rt/gn 1.5 mm ² rt/gn 0.75 mm ²	Diesel engine 613: <ul style="list-style-type: none"> ● CDI relay (K40/7kM) ● CDI control unit (N3/9) Diesel engine 628: via connector sleeve circuit 87D2 (Z7/48): <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● AAC with integrated control additional fan motor (M4/7) ● Charge air cooler circulation pump (M44) Diesel engine 648: via connector sleeve circuit 87D2 (Z7/48): <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● CDI relay (K40/7kM) ● AAC with integrated control additional fan motor (M4/7) 	7.5 10
F45	87	-	-	-
F46	87	ws/ge 0.5 mm ²	Valid for Active Body Control (ABC) (code 487a): <ul style="list-style-type: none"> ● ABC control unit (N51/2) with model 215 series with air suspension: <ul style="list-style-type: none"> ● AIRMATIC with ADS control unit (N51) 	5
F47	15	sw/bl 0.75 mm ² sw/bl 0.5 mm ² sw/bl 0.75 mm ² sw/bl 0.5 mm ²	<ul style="list-style-type: none"> ● AAC multifunction sensor (B31/1) ● Control unit box blower motor (M2/2) via blower/fan connector sleeve (Z5/1): <ul style="list-style-type: none"> ● Automatic air conditioning multifunction sensor (B31/1), valid for right-hand drive vehicles ● Coolant temperature switch (100 °C) (A27/1s1) 	10
F48	-	-	-	-
F49	15	sw/ge 1.5 mm ² sw/ge 1.0 mm ² sw/gn 0.75 mm ² sw 1.0 mm ² sw/ge 1.5 mm ² sw/ge 1.0 mm ² sw/ge 0.75 mm ² sw 1.0 mm ²	Circuit 15 connector sleeve, fused (Z3/29): <ul style="list-style-type: none"> ● Cylinder 1 ignition coil (T1/1) ● Cylinder 2 ignition coil (T1/2) ● Cylinder 3 ignition coil (T1/3) ● Cylinder 4 ignition coil (T1/4) ● Radio interference suppression capacitor (C4), right Circuit 15 connector sleeve (fused) (Z3/29): <ul style="list-style-type: none"> ● Cylinder 4 ignition coil (T1/4) ● Cylinder 5 ignition coil (T1/5) ● Cylinder 6 ignition coil (T1/6) ● Cylinder ignition coil 7 (T1/7), engine 113 only ● Cylinder ignition coil 8 (T1/8), engine 113 only ● Radio interference suppression capacitor (C4), left 	15