

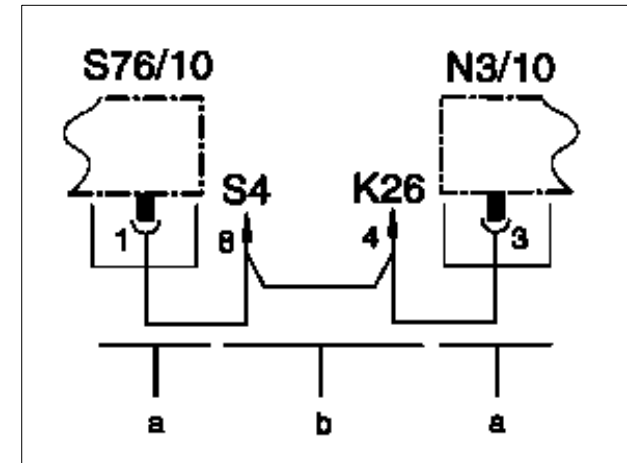
Contents

Chapter	Title
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- | | |
|----|---|
| 1 | Use of wiring diagrams |
| 2 | Abbreviations for wiring diagrams |
| 3 | Location and assignment of ground points |
| 4 | Location and assignment of plug connectors |
| 5 | Battery starting charging circuit |
| 6 | Voltage supply fuses |
| 7 | Fuse and relay board (SRB) |
| 8 | Signal Acquisition and actuation module (SAM) |
| 9 | Exterior lights |
| 10 | Central locking |
| 11 | CAN bus |
| 12 | Instrument cluster (IC) |
| 13 | Electronic ignition switch (EIS) |
| 14 | Electronic stability control (ESP) |
| 15 | Common rail diesel injection (CDI) |
| 16 | Standard heater |

Looped lines

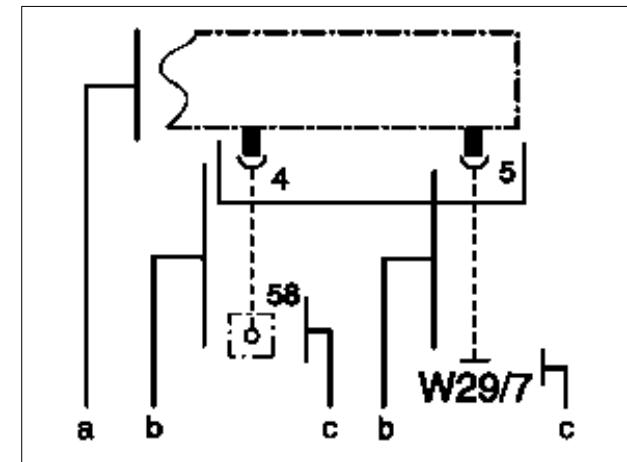
- a Function-specific components
- b The looped line connects two function-specific components across one or more function-independent component connections.



P00.19-2089-01

Indirect line (only for terminal 31 or terminal 58)

- a Function-specific component
- b Indirect line for more than two intermediate function-independent component connections/ loops.
- c Connection to either terminal 31 or terminal 58



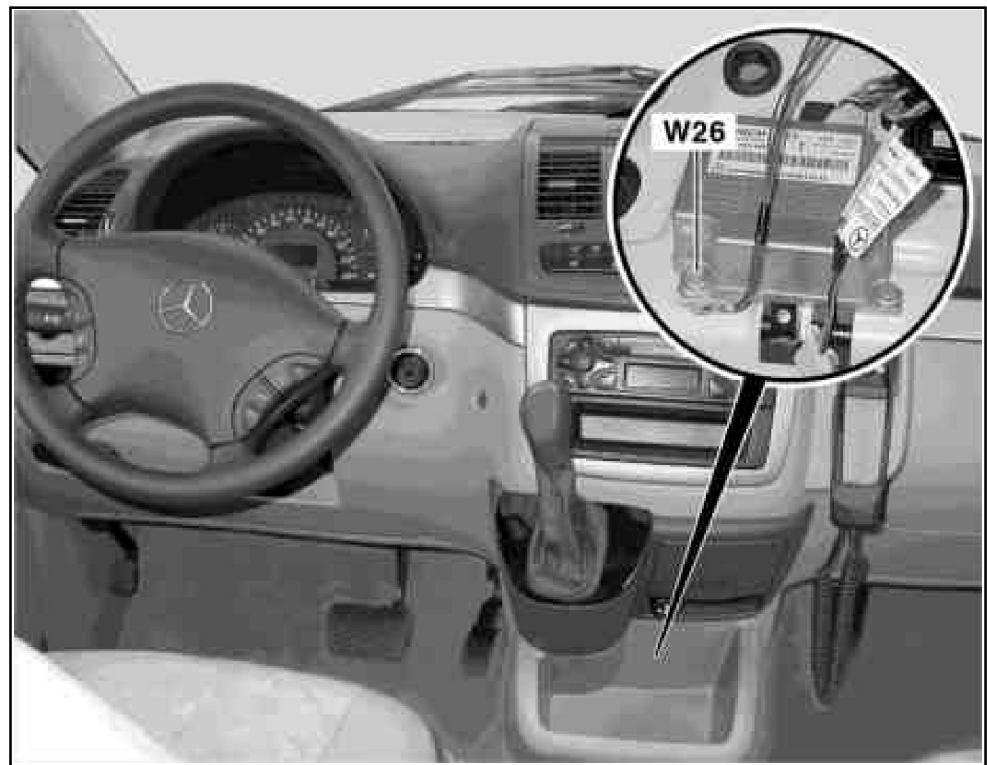
OCP	Overhead control panel control unit	LD0 - Dome lamp with reading lamp for driver/front passenger	54.21
DTR	Distronic (adaptive cruise control)	IN18 - DISTRONIC	
EDC	Electronic diesel control		07.16
EDS	Electronic diesel system		07
ATA	Anti-theft alarm system	FZ5 - Anti-theft alarm system	80.50
EFH	Power windows		72.29
ISC	Electronic idle speed control		07
ELC	Electronic level control	CL0 - Rear lowerable/raisable air suspension	32.33
ESP	Electronic stability program	BB3 - Electronic Stability Program (ESP)	42.45
ESA	Electric seat adjustment	SF1 - Electrically adjustable luxury driver seat	91.00
DFI	Diesel injection system (electronic distributor-type fuel injection)		07.16
EIS	Electronic ignition switch control unit		54.21
RFL/IRCL	Radio frequency locking/infrared remote central locking	FZ5 - Anti-theft alarm system	80.50
HFS	Hands-free system		82.70
GPS	Global positioning system		
ETR	Emergency tensioning retractor		91.00
HEAT	Automatic heater		83
HFM-SFI	HFM sequential multiport fuel injection/ignition system		07.61
HHS	Heated rear window		67.29
IRCL	Infrared remote central locking		80.20
IMS	Interior motion sensor		80.50
TWC	Catalytic converter		07
IC	Instrument cluster		54.30
AAC	Automatic air conditioning	HH4- Automatic air conditioning	83.00
LHD	Left-hand drive vehicle		
ISC	Idle speed control		
LS	Power steering gear		

GF00.19-S-2000-02VB	Location and assignment of ground points, engine compartment, right	Model 639	
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N62.20-2030-06

Ground point	Designation	Component	Designation	Con- nector. Pin

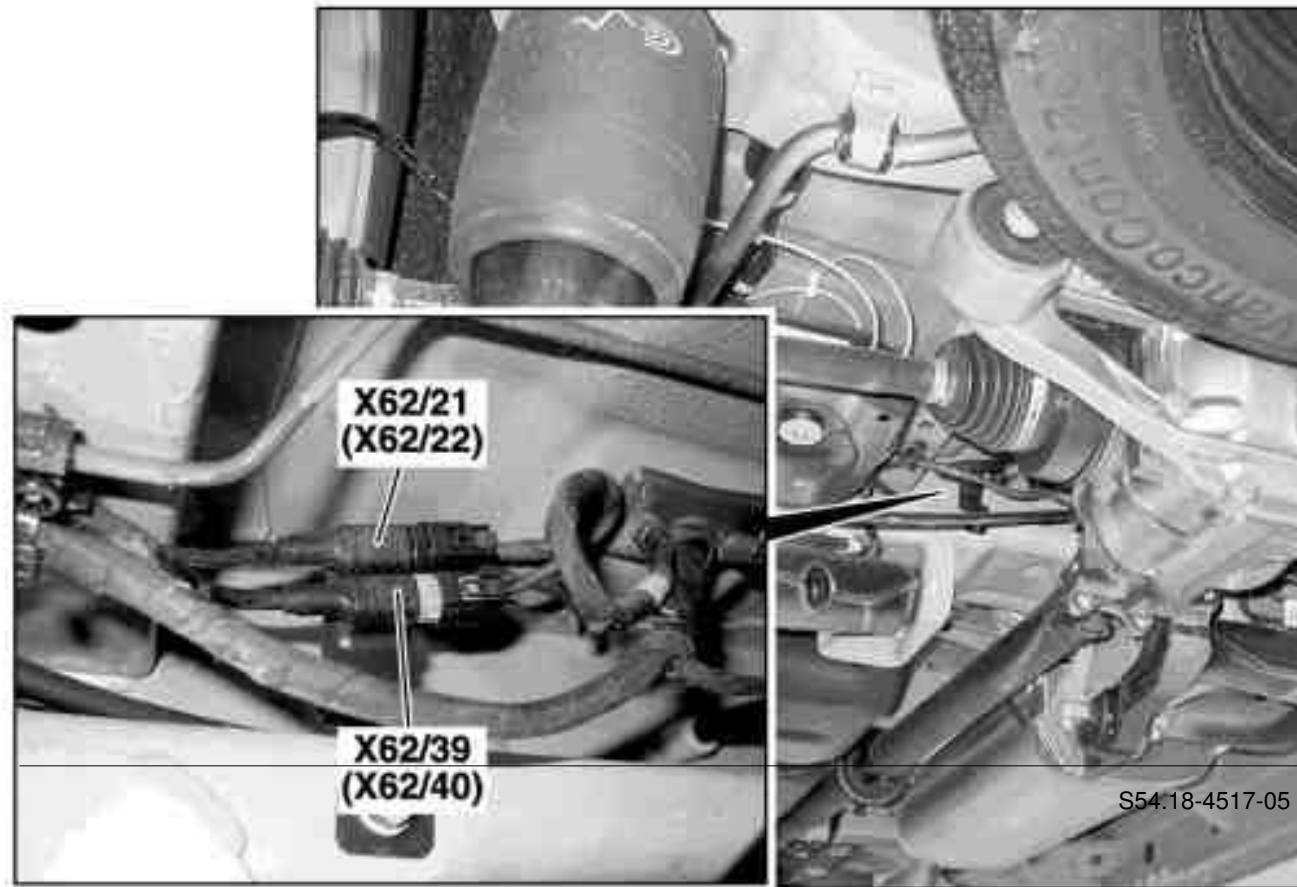


N68.20-2062-11

Ground point	Designation	Component	Designation	Con- nector. Pin

GF00.19-S-1000-24VB	Location and assignment of line and plug connectors - underfloor	Model 639	
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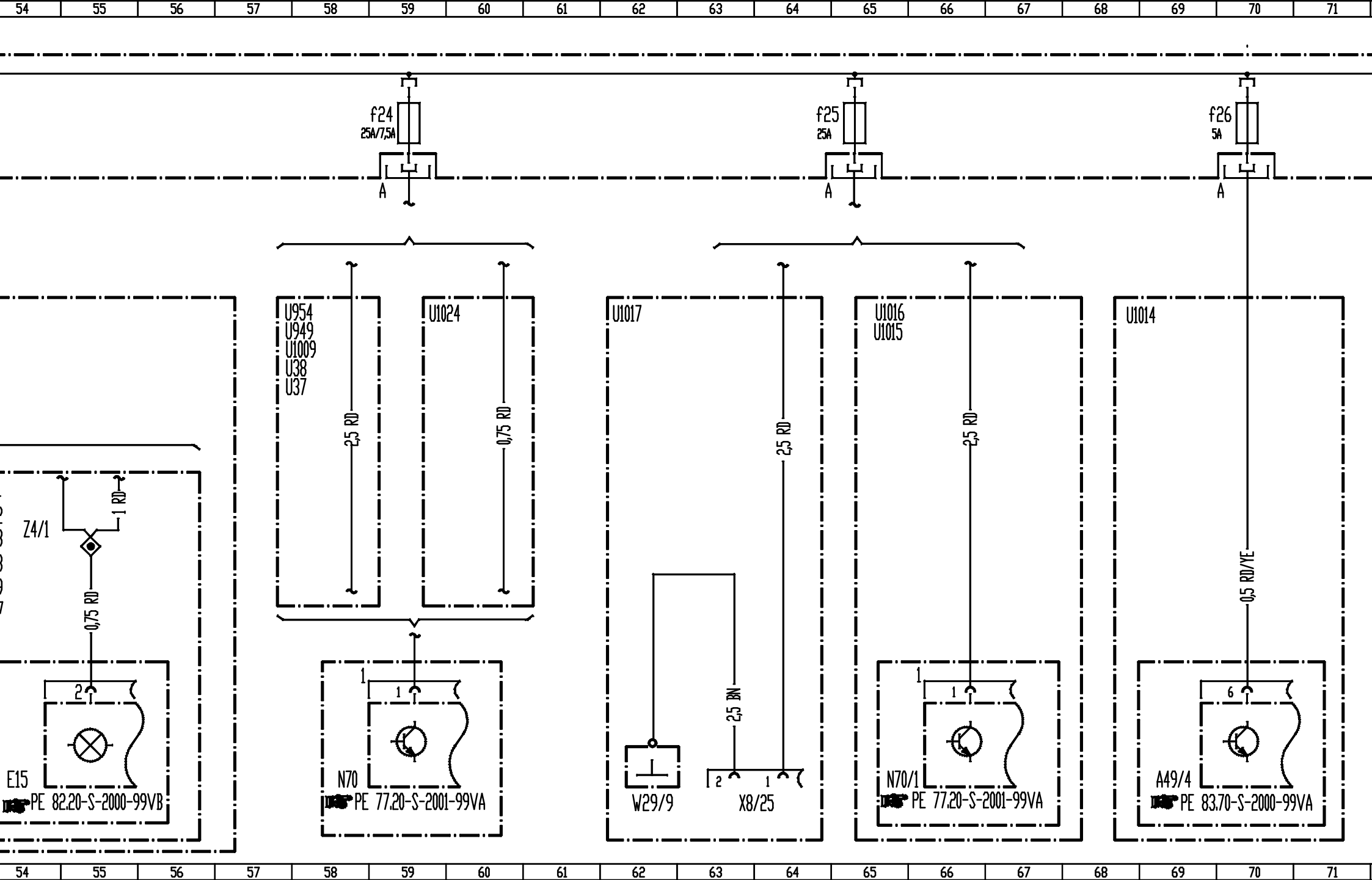
Shown on left side of vehicle



PE54.15-S-2005VA	Wiring diagram of voltage supply of fuses	25.3.03
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MODEL 639.601 /603 /605 /701 /703 /705 /711 /713 /811 /813 /815
left seat frame

PE54.15-S-2005-99VA	Wiring diagram of voltage supply of fuses		PE54.15-S-2005-99VA
PE54.15-S-2005-60VA	Legend of wiring diagram for voltage supply of fuses		PE54.15-S-2005-60VA
OV00.01-S-1901-03VA	Use of wiring diagrams		OV00.01-S-1901-03VA
OV00.01-S-1901VA	Search aid for all wiring diagram groups		OV00.01-S-1901VA
OV00.01-S-1909VA	Search aid for all electrical components	Components from A to E	OV00.01-S-1909VA
OV00.01-S-1909VB	Search aid for all electrical components	Components from F to J	OV00.01-S-1909VB
OV00.01-S-1909VC	Search aid for all electrical components	Components from K to O	OV00.01-S-1909VC
OV00.01-S-1909VD	Search aid for all electrical components	Components from P to T	OV00.01-S-1909VD
OV00.01-S-1909VE	Search aid for all electrical components	Components from U to Z	OV00.01-S-1909VE
OV00.01-S-1001-27VA	Abbreviations for wiring diagrams		OV00.01-S-1001-27VA
OV00.01-S-1001-28VA	Abbreviations of signal and circuit designations for wiring diagrams		OV00.01-S-1001-28VA
GF00.19-S-1000VB	Location and assignment of line and plug connectors		GF00.19-S-1000VB
GF00.19-S-1100VB	Location and assignment of connectors and sockets		GF00.19-S-1100VB
GF00.19-S-2000VB	Location and assignment of ground points		GF00.19-S-2000VB
GF00.19-S-3000VB	Location and assignment of Z connector sleeves (line connectors in wiring harness)		GF00.19-S-3000VB
GF54.15-S-0900VA	Fuse and relay box, location/assignment		GF54.15-S-0900VA

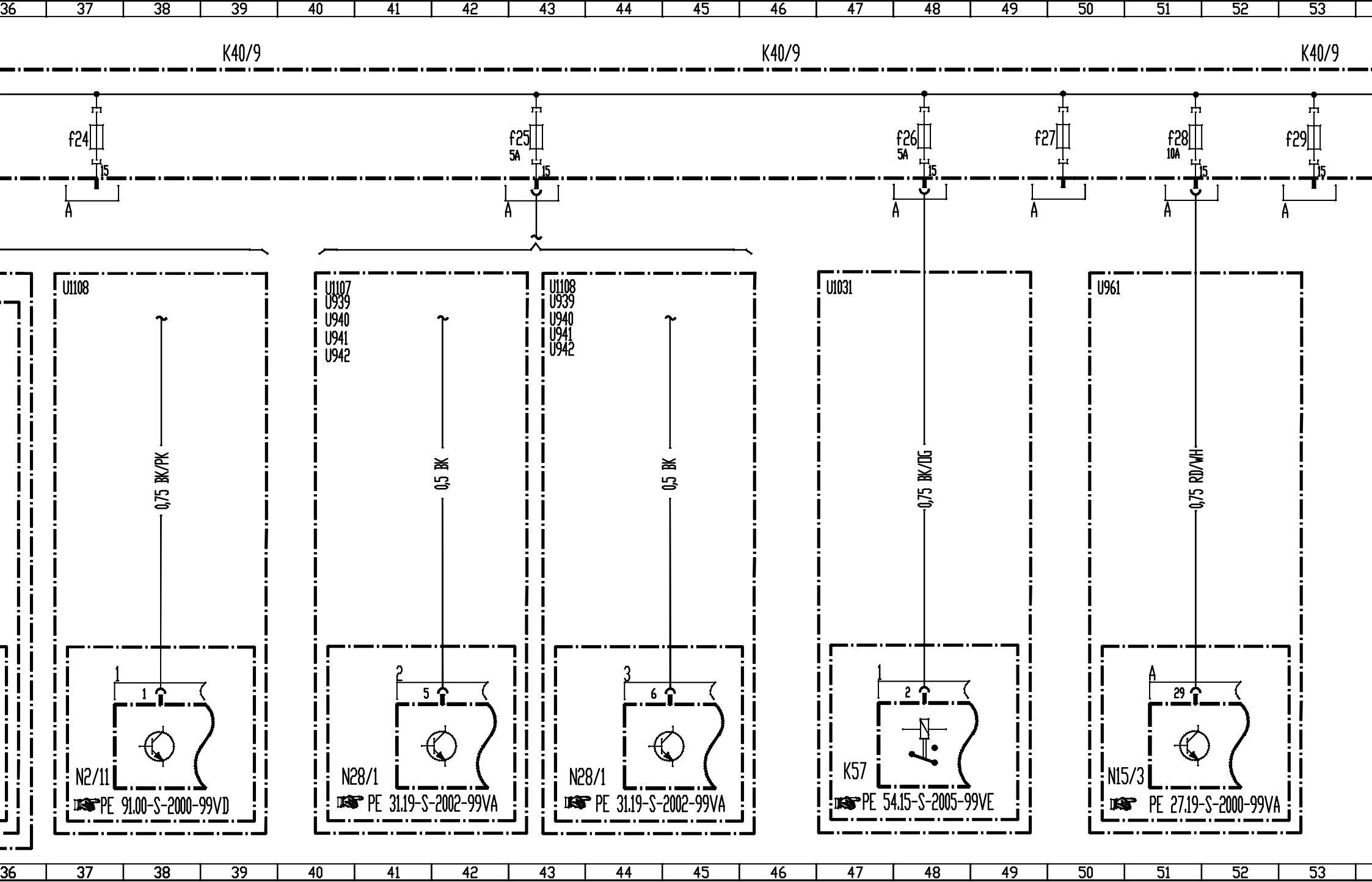


PE54.15-S-2001VA	Wiring diagram for fuse and relay box	14.5.03
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MODEL 639.601 /603 /605 /701 /703 /705 /711 /713 /811 /813 /815

Sheet 1

PE54.15-S-2001-99VA	Wiring diagram for fuse and relay box	Sheet 1	PE54.15-S-2001-99VA
PE54.15-S-2001-60VA	Legend of wiring diagram for fuse and relay box	Sheet 1	PE54.15-S-2001-60VA
OV00.01-S-1901-03VA	Use of wiring diagrams		OV00.01-S-1901-03VA
OV00.01-S-1901VA	Search aid for all wiring diagram groups		OV00.01-S-1901VA
OV00.01-S-1909VA	Search aid for all electrical components	Components from A to E	OV00.01-S-1909VA
OV00.01-S-1909VB	Search aid for all electrical components	Components from F to J	OV00.01-S-1909VB
OV00.01-S-1909VC	Search aid for all electrical components	Components from K to O	OV00.01-S-1909VC
OV00.01-S-1909VD	Search aid for all electrical components	Components from P to T	OV00.01-S-1909VD
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OV00.01-S-1001-28VA	Abbreviations of signal and circuit designations for wiring diagrams		OV00.01-S-1001-28VA
GF00.19-S-1000VB	Location and assignment of line and plug connectors		GF00.19-S-1000VB
GF00.19-S-1100VB	Location and assignment of connectors and sockets		GF00.19-S-1100VB
GF00.19-S-2000VB	Location and assignment of ground points		GF00.19-S-2000VB
GF00.19-S-3000VB	Location and assignment of Z connector sleeves (line connectors in wiring harness)		GF00.19-S-3000VB
GF54.15-S-0900VA	Fuse and relay box, location/assignment		GF54.15-S-0900VA

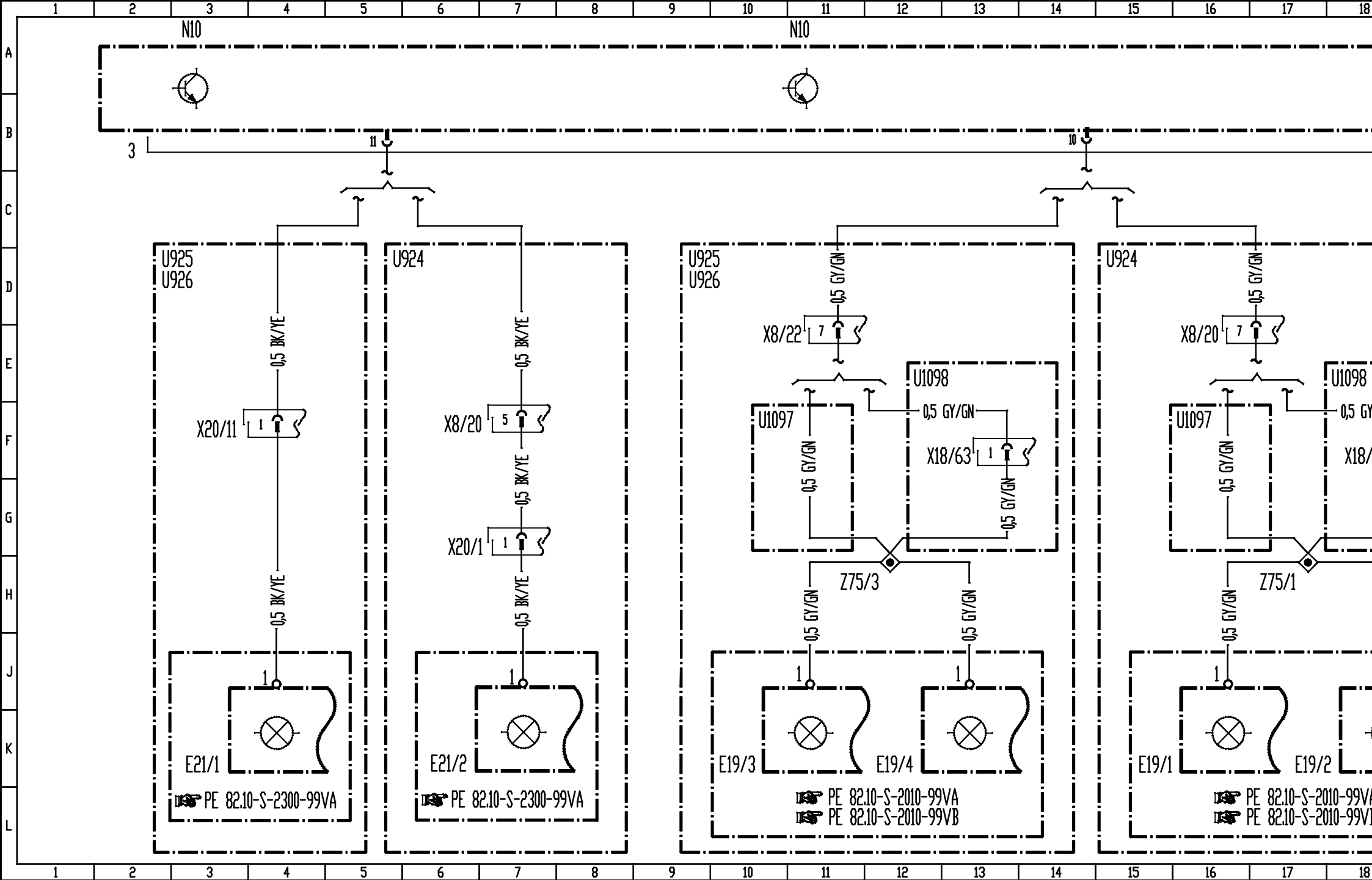


PE54.15-S-2001VF	Wiring diagram for fuse and relay box	25.8.05
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MODEL 639.601 /603 /605 /701 /703 /705 /711 /713 /811 /813 /815

Sheet 5

PE54.15-S-2001-99VF	Wiring diagram for fuse and relay box		PE54.15-S-2001-99VF
PE54.15-S-2001-60VF	Legend of wiring diagram for fuse and relay box		PE54.15-S-2001-60VF
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GF00.19-S-1100VB	Location and assignment of connectors and sockets		GF00.19-S-1100VB
GF00.19-S-2000VB	Location and assignment of ground points		GF00.19-S-2000VB
GF00.19-S-3000VB	Location and assignment of Z connector sleeves (line connectors in wiring harness)		GF00.19-S-3000VB
GF54.15-S-0900VA	Fuse and relay box, location/assignment		GF54.15-S-0900VA



PE54.21-S-2127-60VD	Legend of wiring diagram for signal acquisition and actuation module (SAM) control unit	MODEL 639.601 /603 /605 /701 /703 /705 /711 /713 /811 /813 /815 Sheet 4	
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Code	Designation	Coordinates
B14	Outside temperature display temperature sensor	4L
E1	Lamp unit, left front	11K
E2	Lamp unit, right front	14K
E15	Dome lamp with reading lamp, front	59L
E15/29	Load compartment lamp 1, right	70K
E15/30	Load compartment lamp 2, left	73K
E18/1	Trunk lamp	67K
E22/1	Additional turn signal lamp, left	32K 36K
E22/2	Additional turn signal lamp, right	25K 28K
F34	Fuse block, 22-pin	61G
F34f33	Data link connector fuse	62G
K2	Headlamp cleaning system relay	40K
M6/1	Windshield wiper motor	7K
N10	SAM control unit	4A 11A 19A 27A 35A 43A 51A 59A 67A
N70	Overhead control panel control unit	49K 54K
S11	Brake fluid indicator switch	20L

