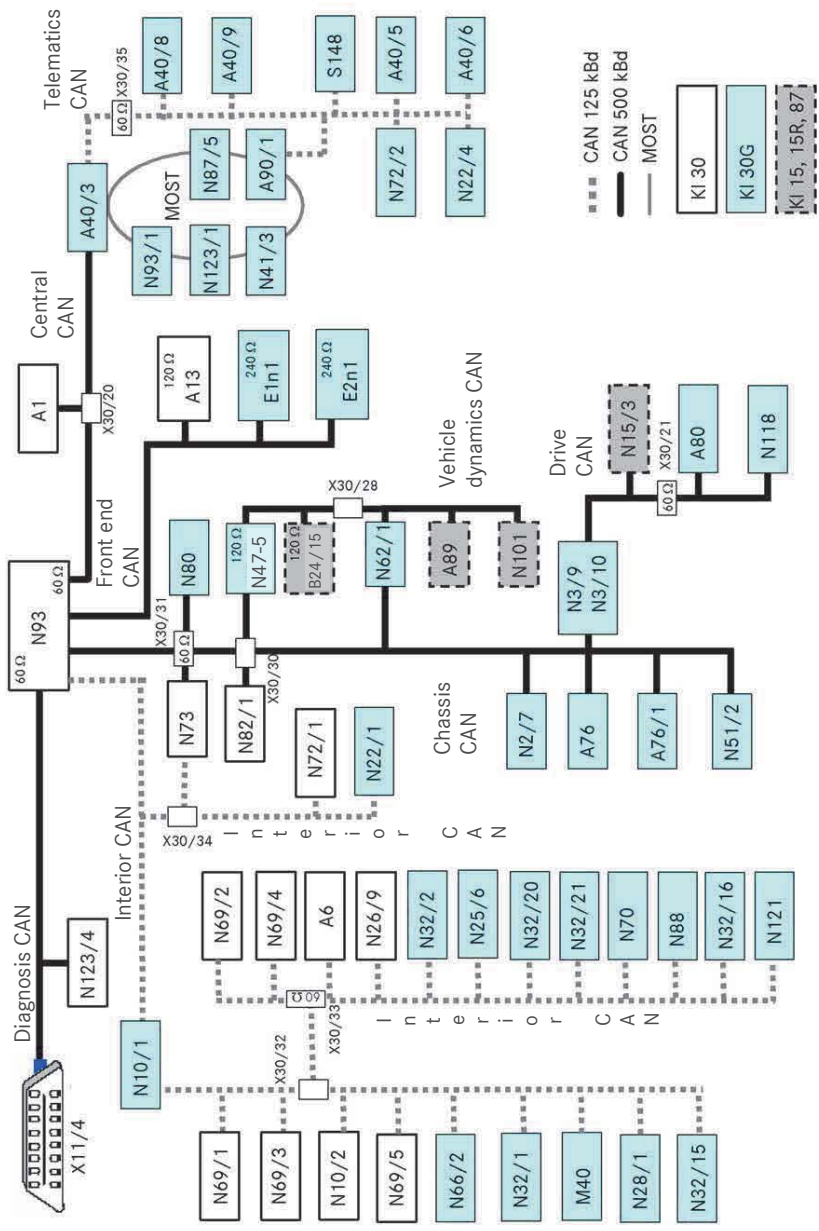


GT00_19_0114_C79

1	Central gateway control unit (N93)	
2	Electronic ignition switch (EIS) control unit (N73)	
3	Left front door control unit (N69/1)	
4	Right front door control unit (N69/2)	
5	Left rear door control unit (N69/3)	
6	Right rear door control unit (N69/4)	
7	Left front seat control unit (N32/1)	
8	Right front seat control unit (N32/2)	
9	Rear seats control unit (N25/6)	
10	Left front multicontour backrest (OSB-LF) control unit (N32/15)	
11	Right front multicontour backrest (OSB-RF) control unit (N32/16)	
12	Left rear multicontour backrest (OSB-LR) control unit (N32/20)	
13	Right rear multicontour backrest control unit OSB-RR (N32/21)	
14	Overhead control panel (OCP) control unit (N70)	
15	Front SAM control unit with fuse and relay module (1)	
16	Rear SAM control unit with fuse and relay module (2)	
17	Upper control panel (UCP) control unit (N72/1)	
18	Tire pressure monitor (TPM) control unit (N88)	
19	Multicontour seat pneumatic pump (M40)	
20	AAG trailer recognition control unit (N28/1)	
21	Parktronic system (PTS) control unit (N62)	
22	Special vehicle multifunction (SVMCU [MSS]) control unit (N26/9)	
23	Stationary heater STH (A6)	
24	Remote trunk closing (RTC [HDFS]) control unit (N121)	
25	Keyless Go (KG) control unit (N69/5)	
26	Automatic air conditioning (AAC) control unit (N22/1)	
27	Backup camera (RFK) control unit (N66/2)	
28	ME control unit (N3/10) for gasoline engines	
29	CDI control unit (N3/9) for diesel engines	
30	ESP control unit (N47-5)	
31	Radar sensors control unit (N62/1)	
32	Steering column module control unit (N80)	
33	Vehicle power supply control unit (N82/1)	
34	Restraint systems control unit (N2/7)	
35	Left front reversible emergency tensioning retractor (A76)	
36	Right front reversible emergency tensioning retractor (A76/1)	
37	ABC control unit (N51/2)	
38	Yaw rate, lateral and longitudinal acceleration sensor B24/15	
39	Distronic control unit (A89)	
40	Night vision assist (N101)	
41	Fully integrated transmission control (VGS) control unit (Y3/8n4)	
42	Intelligent servo module ISM (A80)	
43	Tank control unit (N118/3) (only M275)	
44	Electronic transmission control (ETC [EGS]) control unit (N15/3)	
45	COMAND control unit (A40/3)	
46	SDAR satellite radio control unit (N87/5) (only USA)	
47	TV combination tuner (analog/digital) (A90/1)	
48	VCS voice control system control unit (N41/3)	
49	Cellular mobile phone preinstallation with universal interface (N123/1)	
50	Audio tuner control unit (N93/1)	
51	Cockpit central display (A40/8)	
52	Front central operating unit (A40/9)	
53	Rear control panel (RCP) control unit (N72/2)	
54	Audio/video controller control unit (N66/3)	
55	Left rear display (A40/5)	
56	Right rear display (A40/6)	
57	FKLA rear air conditioning control unit (N22/4)	
58	Electric parking brake (A13)	
59	Xenon headlamp control unit (E1n1)	
60	Xenon headlamp control unit (E2n1)	
61	Instrument cluster (A1)	

W221 Overall Network Block Diagram

11.01.2006



GT00_19_0143_C09

A1	Instrument cluster	N32/2	Right front seat control unit
A6	Stationary heater (STH)	N32/15	Left front multicontour backrest (OSB-LF) control unit
A13	Electric parking brake	N32/16	Right front multicontour backrest (OSB-RF) control unit
A40/3	COMMAND control unit	N32/20	Left rear multicontour backrest (OSB-LR) control unit
A40/5	Left rear display	N32/21	Right rear multicontour backrest control unit OSB-RR
A40/6	Right rear display	N41/3	Voice control system (VCS) control unit
A40/8	Cockpit central display	N51/2	ABC control unit
A40/9	Front central operating unit	N62/1	Radar sensor control unit
A76	Left front reversible emergency tensioning retractor	N66/2	Backup camera control unit
A76/1	Right front reversible emergency tensioning retractor	N66/3	Audio/video controller control unit
A80	Intelligent servo module (ISM)	N69/1	Front left door control unit
A89	Distronic control unit	N69/2	Front right door control unit
A90/1	TV combination tuner (analog/digital)	N69/3	Rear left door control unit
B24/15	Yaw rate, lateral and longitudinal acceleration sensor	N69/4	Rear right door control unit
E1n1	Xenon headlamp control unit	N69/5	Keyless Go (KG) control unit
E2n1	Xenon headlamp control unit	N70	Overhead control panel (OCP) control unit
M40	Multicontour seat pneumatic pump	N72/1	Upper control panel (UCP) control unit
N2/7	Restraint systems control unit	N72/2	Rear control panel (RCP) control unit
N3/9	Diesel (CDI) control unit	N73	Electronic ignition switch (EIS) control unit
N3/10	Gasoline engine (ME) control unit	N80	Steering column module control unit
N10/1	Front SAM control unit	N82/1	Vehicle power supply control unit
N10/2	Rear SAM control unit	N87/5	Satellite radio (SDAR) control unit (USA only)
N15/3	Electronic transmission control (ETC) control unit	N88	Tire pressure monitor (TPM) control unit
N22/1	Automatic air conditioning (AAC) control unit	N93	Central gateway control unit (CGW)
N22/4	Rear air conditioning (FKLA)	N93/1	Audio tuner control unit
N25/6	Rear seats control unit	N101	Night vision assist
N26/9	Special vehicle multifunction (SVMCU) control unit	N118/3	Tank control unit (M275 only)
N28/1	Trailer recognition (AAG) control unit	N121	Remote trunk closing (RTC (HDFS)) control unit
N32/1	Left front seat control unit	N123/1	Cellular mobile phone preinstallation with universal interface
N47-5	ESP control unit	N123/4	Low cost Teleaid (USA only)
		Y3/8n4	Fully integrated transmission control (VGS) control unit

Voltage distributor:

X30/20	Central CAN voltage distributor	X30/32	Interior CAN/left FFS* voltage distributor
X30/21	Drive train CAN voltage distributor	X30/33	Interior CAN/right FFS* voltage distributor
X30/28	Vehicle dynamics CAN voltage distributor	X30/34	Interior CAN/COC** voltage distributor
X30/30	Suspension CAN/FFS* voltage distributor	X30/35	Telematics CAN voltage distributor
X30/31	Chassis CAN/COC** voltage distributor		

* FFS= frame floor system / ** COC= Cockpit

Overview of CAN distributors

X30/20	Central CAN voltage distributor
H	Yellow/white
L	Yellow
X30/21	Drive train CAN voltage distributor
H	Blue/white
L	Blue
X30/28	Vehicle dynamics CAN voltage distributor
H	Purple/white
L	Purple
X30/30	Chassis CAN/FFS* voltage distributor
H	Green/white
L	Green
X30/31	Chassis CAN/COC** voltage distributor
H	Green/white
L	Green
X30/32	Interior CAN/left FFS* voltage distributor
H	Brown/red
L	Brown
X30/33	Interior CAN/right FFS* voltage distributor
H	Brown/red
L	Brown
X30/34	Interior CAN/COC** voltage distributor
H	Brown/red
L	Brown
X30/35	Telematics CAN voltage distributor
H	Black/white
L	Black



GT00_19_0113_C78

* FFS = frame floor system
 ** COC = cockpit