

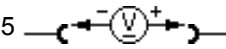
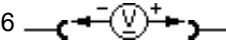
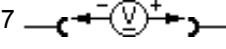
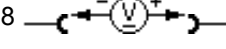
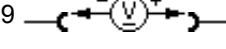

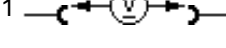

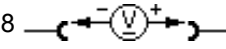
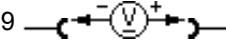


Item	Designation	Coordinates
A0	Color code key	64L
Code 348	Emergency call/assistance system	45F
Code 350	Ecall Europe emergency call system	50F
Code 359	TELEAID emergency call system	45F
H4/17	Bass speaker	39L
H4/17x1	Bass speaker electrical connector	37K
H4/27	Center instrument panel speaker	44L
H4/29	Bass speaker	33L
H4/29x1	Bass speaker electrical connector	32K
H4/54	Left rear surround speaker	22L
H4/55	Right rear surround speaker	35L
H4/57	Right rear surround speaker	41L
H4/64	Left front door sound system bass speaker	8L
H4/65	Right front door sound system bass speaker	12L
H4/68	Left front door sound system tweeter	10L
H4/69	Right front door sound system tweeter	14L
H4/70	Left rear door sound system tweeter	17L
H4/71	Right rear door sound system tweeter	19L
H4/72	Left front door sound system midrange speaker	9L
H4/73	Right front door sound system midrange speaker	13L
H4/80	Left rear door sound system midrange speaker	16L
H4/81	Right rear door sound system midrange speaker	18L
N10/2	Rear SAM control unit with fuse and relay module	3L
N10/2f67	Fuse 67	2L
N10/2f69	Fuse 69	3L
N40/3	Sound system amplifier control unit	4A

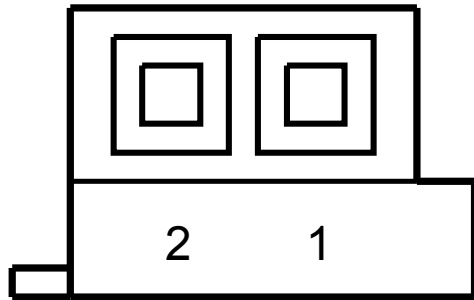
		11A 20A 28A 37A 44A 52A
N40/9	Rear bass speaker amplifier	27L
N112/2	Telematics services communication module	52L
N123/4	Emergency call system control unit	48L
U57	Valid for model 212.2	22E 27E 32F
U58	Valid for model 212.0/1	21E 27E 37F
W6	Left rear wheel well ground point	2E 28E
W7/1	Right taillamp trunk ground point	28E
X8/45	Left vehicle interior and tailgate electrical connector	22H
X8/46	Right vehicle interior and tailgate electrical connector	35H
X18	Vehicle interior and harness for taillamp electrical connector	43H
X35/1	Left front door electrical connector	8H
X35/2	Right front door electrical connector	11H
X35/3	Left rear door electrical connector	15H
X35/4	Right rear door electrical connector	18H
Z20/34	Tracer wire connector sleeve	25E
Z35/10	MOST wake-up signal connector sleeve	54E
MOST	Media Oriented System Transport	56C 56K

All values measured to ground unless otherwise noted

Conn./Plug/Pin	Pin Information	Test Equipment/Pins	Conditions	Test values/Comments
N40/3				
1.1	Circuit 30g power input	1.2  1.1	No undervoltage detected	12 VDC
1.2	Main ground to W6	 1.2		0 Ohm
1.3 1.15	Left front door bass speaker signal plus Left front door bass speaker signal minus	1.15  1.3	Sound system: On	> 0.2 VAC
1.4 1.16	Right front door bass speaker signal plus Right front door bass speaker signal minus	1.16  1.4	Sound system: On	> 0.2 VAC
1.5 1.17	Right front door speaker signal plus Right front door speaker signal minus	1.17  1.5	Sound system: On	> 0.2 VAC
1.6 1.18	Left front door speaker signal plus Left front door speaker signal minus	1.18  1.6	Sound system: On	> 0.2 VAC
1.7 1.19	Right rear door speaker signal plus Right rear door speaker signal minus	1.19  1.7	Sound system: On	> 0.2 VAC
1.8 1.20	Left rear door speaker signal plus Left rear door speaker signal minus	1.20  1.8	Sound system: On	> 0.2 VAC
1.9 1.21	Right rear surround speaker signal plus Right rear surround speaker signal minus	1.21  1.9	Sound system: On	> 0.2 VAC
1.10 1.22	Left rear surround speaker signal plus Left rear surround speaker signal minus	1.22  1.10	Sound system: On	> 0.2 VAC
1.11-14	Pins not used			
1.23 1.28	Center instrument panel speaker signal + Center instrument panel speaker signal -	1.28  1.23	Sound system: On	> 0.2 VAC
1.24 1.29	Rear bass amplifier signal plus Rear bass amplifier signal minus	1.29  1.24	Sound system: On	> 0.2 VAC

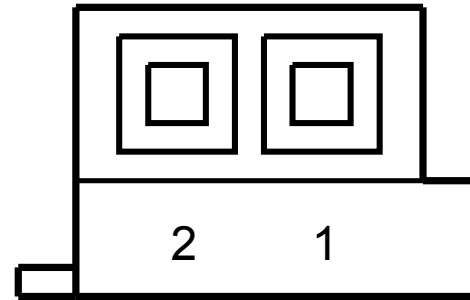
1.25-26	Pins not used			
1.27	Wake-up signal output	No reliable test		
1.30	Pin not used			
1.31	Rear bass amplifier activation signal	No test information available		
1.32	Mute signal input	No reliable test		
MOST.1	Optical output port	No reliable test		
MOST.2	Optical input port	No reliable test		

H4/27



conn. S

PIN	Cross section	Cable colors
1	0,75	BNGY
2	0,75	GY



conn. LCT

PIN	Cross section	Cable colors
1	0,75	GN
2	0,75	BNGN

H4/29

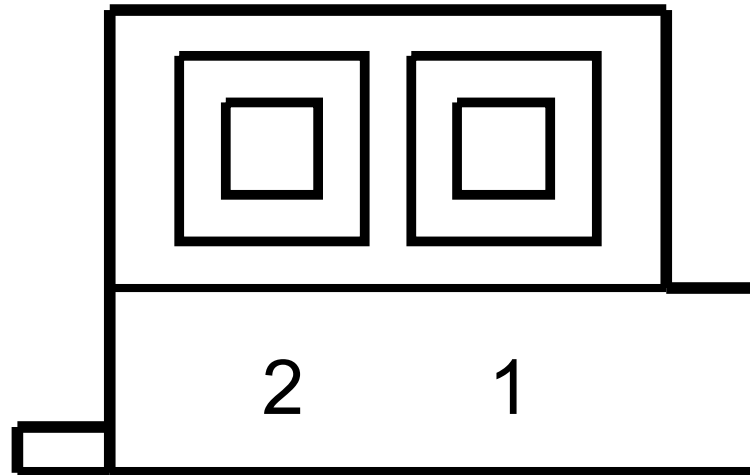
CONNECTOR
NOT
AVAILABLE

CONNECTOR
NOT
AVAILABLE

PIN	Cross section	Cable colors
1	1,5	BU
2	1,5	BNBU
3	1,5	GN
4	1,5	BNGN

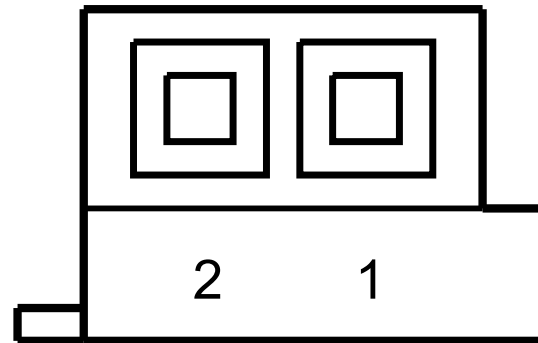
PIN	Cross section	Cable colors
1	1,5	BU
2	1,5	BNBU
3	1,5	GN
4	1,5	BNGN

H4/54



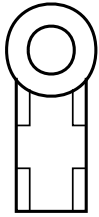
PIN	Cross section	Cable colors
1	0,75	BNYE
	-	-
2	0.75	YE

H4/57



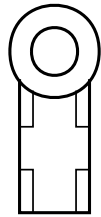
PIN	Cross section	Cable colors
1	0,75	BNPK
2	0,75	PK

N10/2



conn. 1V

Cross section	Cable colors
16,0	RD



conn. 2V

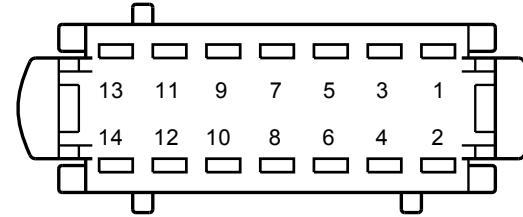
Cross section	Cable colors
10,0	RD
16,0	RD

CONNECTOR
NOT
AVAILABLE

conn. 15H

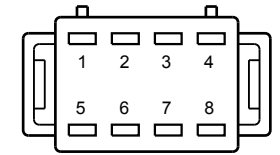
PIN	Cross section	Cable colors
1	4,0	RDBK
2	0,75	RDWH
	1,5	RDWH
3	2,5	RDGY
4	0,5	RDWH
5	1,5	BKGN
6	1,5	RDBU
7	0,5	RDGN
	0,75	RDGN

N10/2



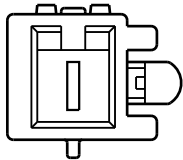
conn. 3I

PIN	Cross section	Cable colors
1	-	-
2	-	-
3	0,75	RDWH
4	0,5	RDYE
	0,75	RDYE
5	2,5	BKRD
6	0,75	YERD
	0,75	OGRD
7	2,5	BKYE
8	2,5	RDBK
9	-	-
10	2,5	RDWH
11	2,5	RDBU
12	-	-
13	4,0	RDWH
14	0,75	BNBU



conn. 7I

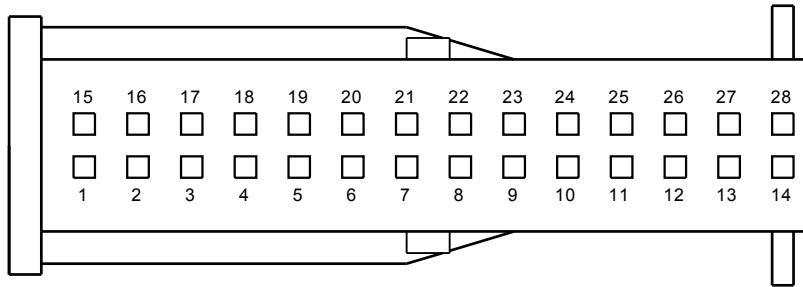
PIN	Cross section	Cable colors
1	2,5	BN
2	2,5	BN
3	1,5	GN
4	1,5	YE
5	-	-
6	-	-
7	1,5	BKGY
8	1,5	BKVT



conn. 1H

Cross section	Cable colors
4,0	BK

CONNECTOR
NOT
AVAILABLE



conn. 5H

PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	0,75	BKBK	15	0,75	BKGN
2	0,75	GNWH	16	0,5	GYRD
3	0,5	GYBU	17	0,75	GYBK
4	-	-	18	0,5	BUBK
5	-	-	19	-	-
6	-	-	20	-	-
7	-	-	21	-	-
8	-	-	22	-	-
9	-	-	23	-	-
10	-	-	24	-	-
11	0,5	YEGN	25	0,75	BKWH

CONNECTOR
NOT
AVAILABLE

CONNECTOR
NOT
AVAILABLE

CONNECTOR
NOT
AVAILABLE

conn. AAG

PIN	Cross section	Cable colors
-	2,5	VTRD

CONNECTOR
NOT
AVAILABLE

conn. 4HD

conn. 12I

PIN	Cross section	Cable colors
1	0,75	RD
2	4,0	RDWH
3	2,5	RDBK
4	4,0	RDYE
5	4,0	RD
6	0,75	RDWH
	4,0	RDWH
7	0,75	BKYE

conn. 14I

PIN	Cross section	Cable colors
1	1,5	RDYE
2	2,5	RDYE
3	1,5	RDYE
4	0,5	RDYE
	0,75	RDYE
5	0,75	RD
6	0,5	RDYE
7	0,5	RDYE

conn. 11T

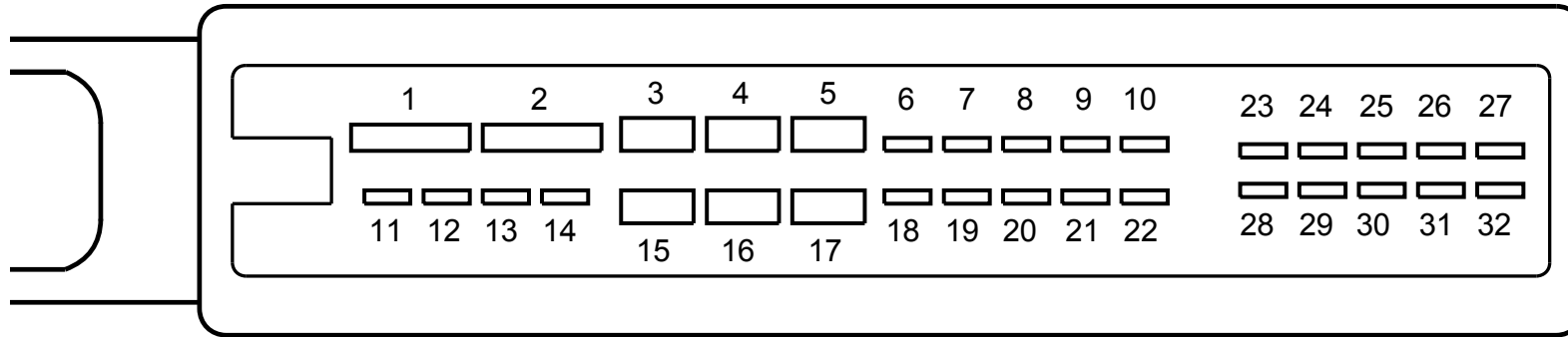
PIN	Cross section	Cable colors
1	0,5	RDGN
2	0,75	RD
3	0,75	BKYE
	0,5	BKGN
4	0,5	RDYE
5	0,75	RDWH
6	0,75	RDBU
7	0,75	RDBK

PIN	Cross section	Cable colors
1	1,5	BKGY

12	0,5	YEBK	26	-	-
13	0,5	GYPK	27	-	-
14	0,75	BUWH	28	0,5	BNBU

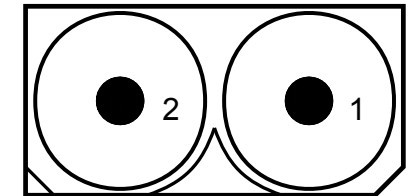


N40/3



conn. 1

PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	4,0	RDBK	17	1,5	BNOG
2	4,0	BN	18	1,5	BNGN
3	1,5	BU	19	1,5	BNWH
4	1,5	RD	20	1,5	BNVT
5	1,5	OG	21	0,75	BNPK
6	1,5	GN	22	0,75	BNYE
7	1,5	WH	23	0,75	GY
8	1,5	VT	24	0,35	WH
9	0,75	PK	25	-	-
10	0,75	YE	26	-	-
11	-	-	27	0,5	BUBK
12	-	-	28	0,75	BNGY
13	-	-	29	0,35	BN
14	-	-	30	-	-

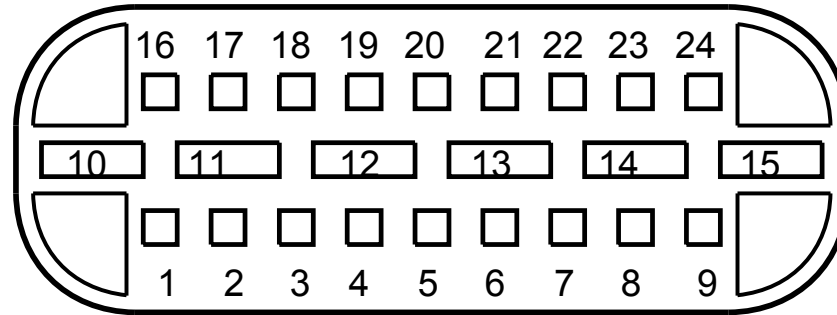


conn. MOST

PIN	Cross section	Cable colors
1	1,0	OG
2	1,0	OG

15	1,5	BNBU	31	0,75	BK
16	1,5	BNRD	32	0,75	BUWH

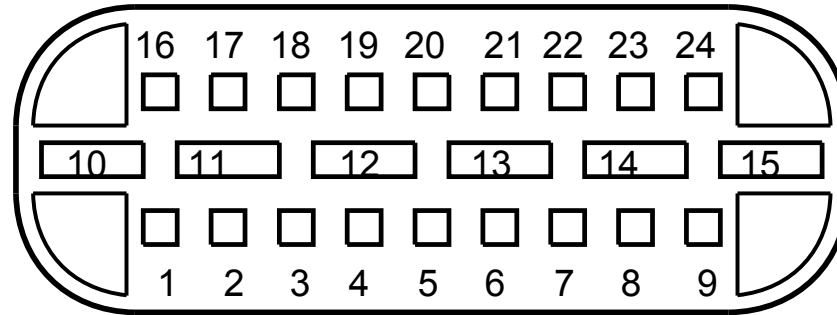
X35/4



PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	0,5	BNRD	13	1,0	RDWH
2	0,5	BN	14	2,5	RDWH
3	-	-	15	2,5	BN
4	-	-	16	0,5	WH
5	0,5	BNGY	17	0,5	RD
6	0,5	YE	18	0,75	BNGN
	0,5	GY			
7	0,5	BUBK	19	0,75	GN
8	-	-	20	0,5	BN
9	-	-	21	0,5	VT
10	1,0	BNWH	22	-	-
	1,5	BNWH			
11	1,0	WH	23	-	-

	1,5	WH			
12	1,0	BNWH	24	-	-

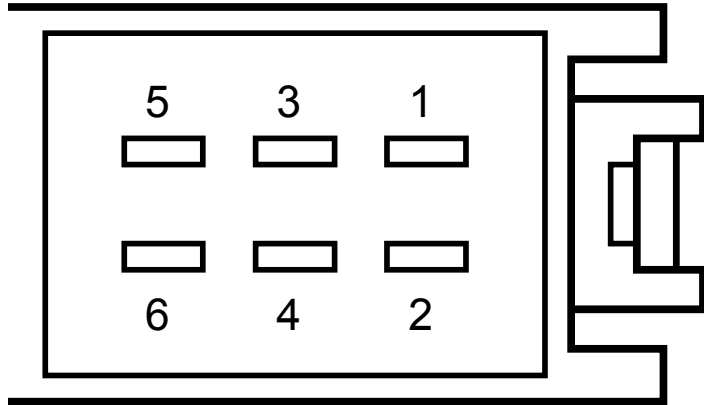
X35/3



PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	0,5	BNRD	13	1,0	RDBU
2	0,5	BN	14	2,5	RDBK
3	-	-	15	2,5	BN
4	-	-	16	0,5	BNWH
5	0,5	BNGY	17	0,5	BUYE
6	0,75	GY	18	0,75	BNOG
	0,75	BN			
7	0,5	WH	19	0,75	OG
8	-	-	20	0,5	BN
9	-	-	21	0,5	VT
10	1,0	BNVT	22	-	-
	1,5	BNVT			
11	1,0	VT	23	-	-

	1,5	VT			
12	1,0	BNBU	24	-	-

X35/2



CONNECTOR
NOT
AVAILABLE

CONNECTOR
NOT
AVAILABLE

conn. 1

PIN	Cross section	Cable colors
1	0,5	BNVT
2	0,75	GNYE
3	1,5 1,0 0,75	OG BNGN BNGN
4	1,5 1,0 0,75	BNOG GN GN

conn. 3

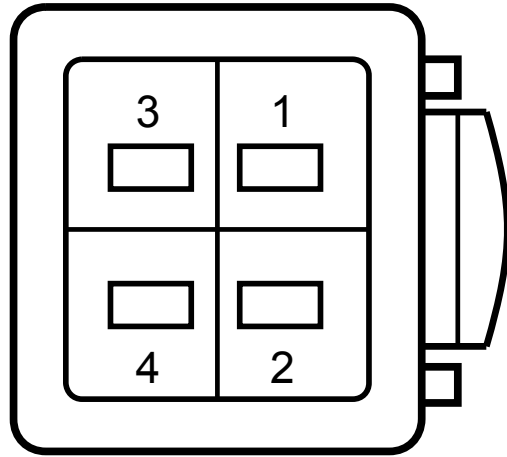
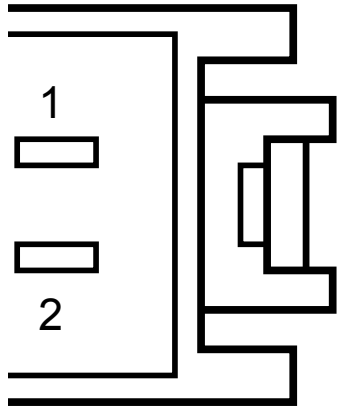
PIN	Cross section	Cable colors
1	0,5	BUWH
2	0,5	BU
3	1,0	BNVT
4	0,5	BNBU
5	1,0	RDVT

conn. 4

PIN	Cross section	Cable colors
1	0,75	BK
2	0,75	BKGN

5	1,5	BNRD
6	1,5	RD

X35/1



CONNECTOR
NOT
AVAILABLE

COI
AV

1

conn. 2

conn. 3

C

Cable colors
BN
BNGY
BNGN
BNGN
BNGN
GN
GN
GN

PIN	Cross section	Cable colors
1	0,5	BU
2	0,5	BK
3	1,0	BNGN
4	0,5	BNBK

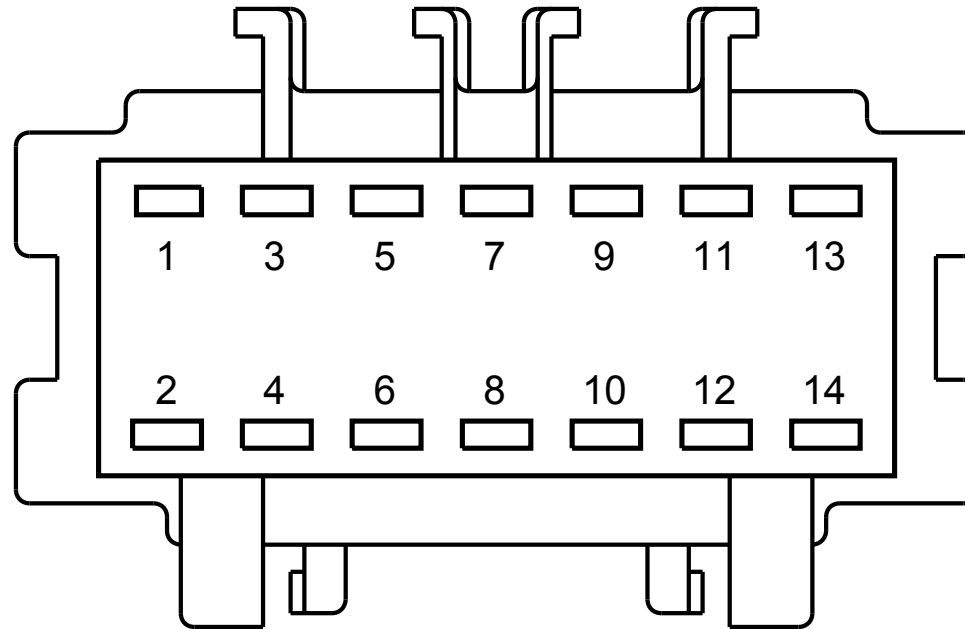
PIN	Cross section	Cable colors
1	0,5	BU
2	0,5	BK
3	1,0	BNGN
4	0,5	BNBK
5	1,0	RDGN

PIN	Cross section
1	0,75
2	0,75

BU

BNBU

X18

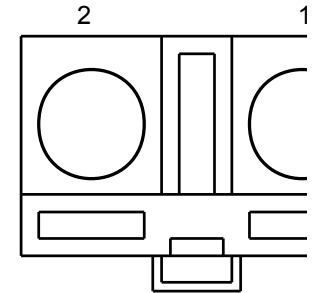
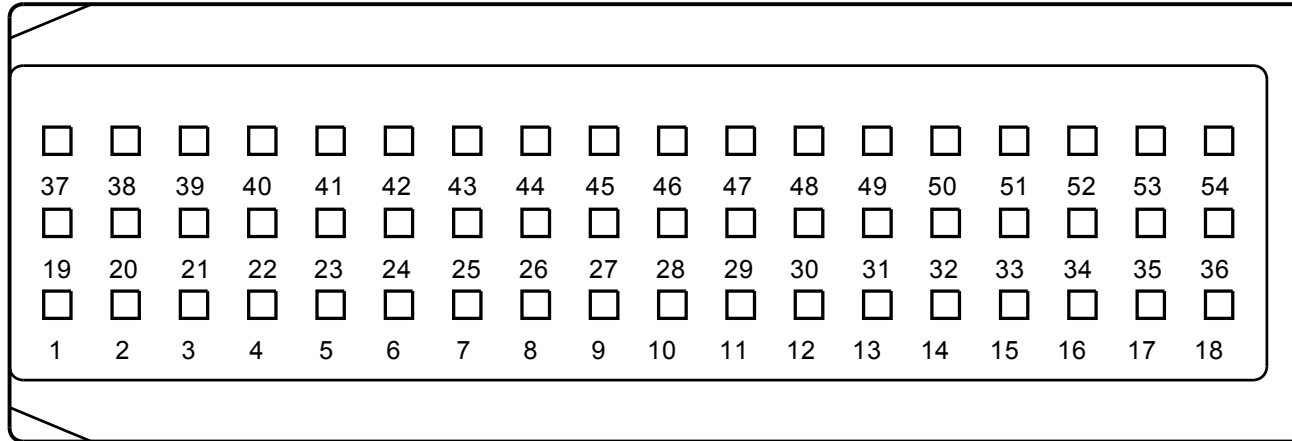
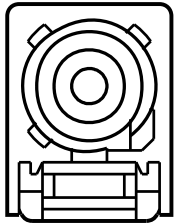


conn. 1

PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	1,5	PKBU	8	0,5	GNBN
2	-	-	9	1,5	GN
3	1,0	BN	10	0,5	BU
	0,5	BN	11	1,5	YEBU
4	0,5	VTBN	12	0,5	BUVT
5	0,5	VTWH		0,5	BUWH

6	0,5	VTGN	13	1,5	GNYE
7	0,5	YEVT	14	0,5	BUWH

N123/4



conn. GPS

Cross section	Cable colors
0,4	TR
-	TR

conn. 1

PIN	Cross section	Cable colors	PIN	Cross section	Cable colors	PIN	Cross section	Cable colors
1	0,75	RDBK	19	-	-	37	-	-
2	0,75	BN	20	-	-	38	-	-
3	-	-	21	0,75	PKGN	39	-	-
4	-	-	22	-	-	40	-	-
5	0,75	BNGN	23	-	-	41	-	-
6	0,35	BKWH	24	-	-	42	-	-
7	0,35	BK	25	-	-	43	-	-
8	-	-	26	-	-	44	-	-
9	-	-	27	0,35	YEVT	45	-	-
10	-	-	28	0,35	GY	46	-	-
11	0,35	WH	29	0,35	VT	47	-	-
12	0,35	BK	30	0,35	YE	48	-	-
13	0,75	GN	31	0,35	BUGY	49	-	-
14	-	-	32	0,35	BUBK	50	-	-
15	-	-	33	0,5	BKWH	51	-	-

conn. NOT

PIN	Cross section	Cable colors
x1	0,4	TR
s1	-	TR
x2	0,4	TR
s2	-	TR

16	0,75	BUWH	34	-	-	52	-	-
17	-	-	35	-	-	53	-	-
18	-	-	36	-	-	54	-	-