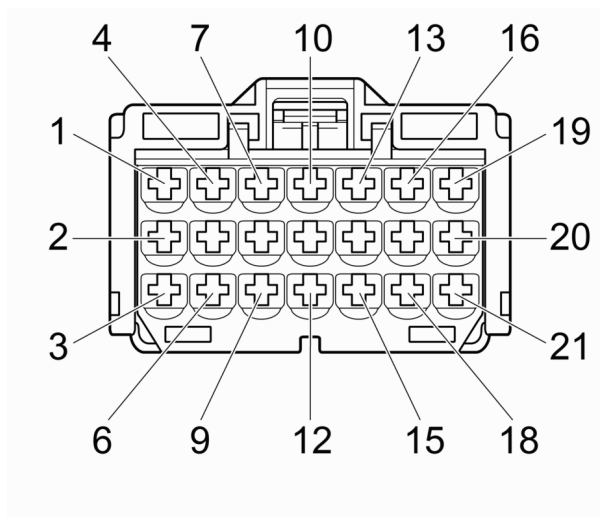
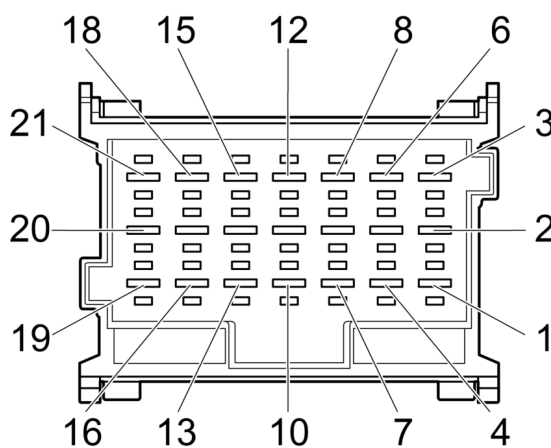
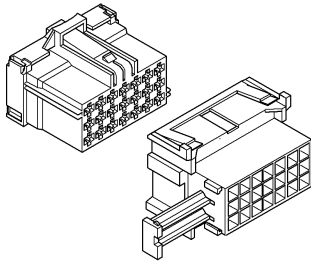


YS2R6X400E5345662 / COO, Coordinator / E 30, COO control unit / COO7 / T, Sensors and monitors / T6, Refrigerant pressure sensor

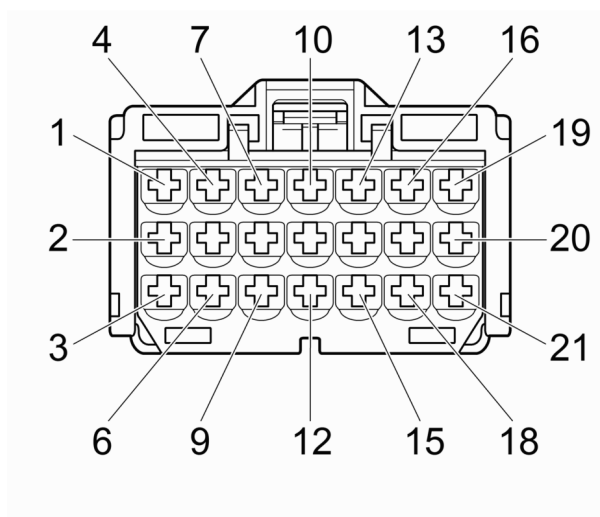
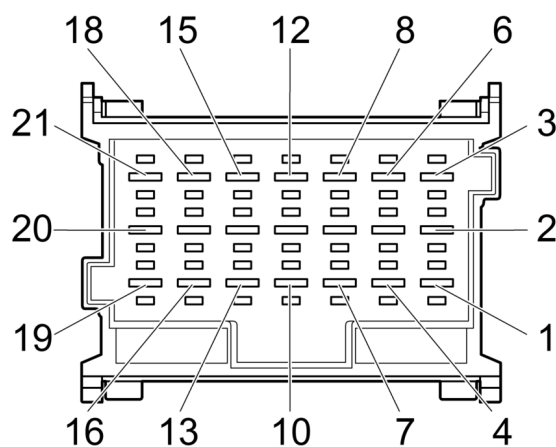
C 482, Connector

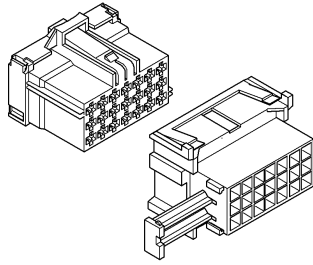


C 482, Connector



C 69, Connector





C 69, Connector

P 2, Central electric unit

Fuses: Warning! Always switch off the voltage when renewing fuses. Important! Always fit a fuse of the size specified in the list. Important! Always check the fuse and relay positions against the POW electrical diagram concerned. **Fuses for special functions:** Relays and con-

Fuse (No.)	Size (A)	System	Function	Supply	Cable colour	Connec- tion 1	Marking of cable 1	Cable cross- sectional area 1 (mm ²)	Connec- tion 2	Marking of cable 2	Cable cross- sectional area 2 (mm ²)
1	5	COO, BMS	Trailer ECU, ABS/EBS	15AA	Green	A-1	COO125	0.75	A-2	BMS212	0.75
2	30	COO	Trailer valves	15AB	Green	A-3	COO128	4	A-4		
3	5	COO	PT01, PT02	15AC	Green	A-5	COO251	0.75	A-6	COO253	0.75
4	2	MIA, VIS	Mirror adjustment, reverse alarm	15AD	Green	A-7	MIA15	0.75	A-8	VIS167	0.75
5	5	TCO, LDW, FLC	Tachograph, Lane departure warning	15AE	Green	A-9	TCO33	0.75	A-10	LDW12	1.5
6	20	WIW	Window winder, left-hand side	15AF	Green	A-11	WIW12	2.5	A-12	WIW10	2.5

7	10	VIS	Head-lamp wipers	15AG	Green	A-13	VIS16	1.5	A-14	VIS17	1.5
8	10	POW	Cigarette lighter	15AH	Green	A-15	POW45 +POW46	2.5	A-16	POW28	
9	5	FAS, COO	Interactor 200 (FAS)/ Communicator 100, cruise control	15AJ	Green	A-17	FAS14 +FAS15	1.5+1.5	A-18	COO130	0.75
10	5	CCS, INL	ACC/MCC, internal lighting Exclusive	15BA	Green	B-1	CCS3/ CCS2 +CCS4	0.75 +0.75 +0.75	B-2	INL12	0.75
11	10	RDL, AWD/ ABS	Differential locks, ABS 6 channels	15BB	Green	B-3	RDL26	1	B-4	AWD12/ BMS222	1.5
12	5	FHS	Fuel pre-heating, heater for fuel filter	15BC	Green	B-5	FHS9	1	B-6		
13	10	TAL	Tag axle lift	15BD	Green	B-7	TAL17 +TAL4	0.75 +0.75	B-8		1.5
14	5	CSS	Airbag	15BE	Green	B-9	CSS015	0.75	B-10		
15	20	WIW	Window winder, right-hand	15BF	Green	B-11	WIW18 +WIW20	2.5+2.5	B-12	WIW14 +WIW16	2.5+2.5
16	10	CAT	Electric cab tilting	15BG	Green	B-13			B-14	CAT	
17	20	BWS	Body-work	15BH	Green	B-15	BWS111	2.5	B-16	BWS207	1.5
18	5	SCS, POW	Safety belt buckle,	15BJ	Green	B-17	SCS015	0.75	B-18	POW227	01

			safety switch ADR								
19	20	COO	Coor- dinator	30A	Red	C-1	COO58	2.5	C-2		
20	20	EMS	EDC	30B	Red	C-3	COO68	2.5	C-4		
21	10	COO	Starter lock	30C	Red	C-5	COO73	0.75	C-6		
22	20	EMS	EDC	30D	Red	C-7	COO67	2.5	C-8		
23	10	VIS	Brake lamp	30E	Red	C-9	VIS275	1.5	C-10		
24	20	BMS	ABS/EBS	30F	Red	C-11	BMS44	2.5	C-12	BMS45	2.5
25	10	SMS	ELC	30G	Red	C-13	SMS4	1.5	C-14	SMS5	1.5
26	20	CCS	Cab fan	30H	Red	C-15	CCS1	2.5	C-16		
27	5	CCS, AHS	CT/CTR	30J	Red	C-17	CCS5	0.75	C-18	AHS3	0.75
28	20	ROH	Roof hatch	30K	Red	C-19	ROH1	2.5	C-20		
29	10	ICL, TCO	Instru- ment cluster, tachog- raph	30L	Red	C-21	ICL18	1.5	C-22	TCO13	1.5
30	30	BWS	Body- work	30M	Red	C-23	BWS		C-24	BWS	
31	10	AWD, INL	AWD ECU, internal lighting	30N	Red	C-25	AWD5	1.5	C-26	INL5 +INL4 +INL1	1.5+1 +1.5
32	10	COO	SDP3	30R	Red	D-1	COO83	0.75	D-2		
33	10	HVF, VIS	Swiss road toll prepa- ration, rotating beacon	30S	Red	D-3	HVF5	1.5	D-4	VIS172	1.5
34	20	POW	Voltage con- verter 24 V/12 V, 12 V elec-	30T	Red	D-5	POW34	2.5	D-6		

			trical socket								
35	10	TGS, BWS	Trailer	30U	Red	D-7	TGS	1.5	D-8	BWS216	1.5
36	20	GMS	OPC/GA Allison	30V	Red	D-9	GMS1/ GMS136 2 +GMS1 363	2.5/1.5 +1.5			
37	10	LAS	Central locking	30X	Red	D-11	LAS101 +LAS20 1/MCL1	1.5+1.5	D-12	LAS1/ MCL2	1.0/1.5
38	20	AHS	Auxiliary heater (ATA, WTA)	30Y	Red	D-13	AHS1		D-14		1.5
39	10	VIS	Re- versing light	30Z	Red	D-15	VIS276	1.5	D-16		1.5
40	20	POW	24 V elec- trical socket	30AA	Red	D-17	POW24 +POW3 9	2.5+2.5	D-18	POW41	2.5
41	10	APS, FMS	APS ECU, FMS prepa- ration	30AB	Red	D-19	APS9	1.5	D-20	RTG3	1.5
42	30	CAT	Electric cab tilt- ing	30AC	Red	D-21	CAT		D-22		
43	10	REF, FAS	Refri- gerator, Inter- ractor 200/ Commu- nicator 100 (FAS/ RTI)	30AD	Red	D-23	REF	1.5	D-24	FAS	1.5+1.5
44	10	AUS	Am- plifier	30AE	Red	D-25	AUS42	1.5	D-26	AUS44	2.5
45	10	MIH, ACL	Rear view mirror heater, ACL	61A	Blue	E-1	MIH61	1.5	E-2	ACL1	1

46	10	SCS, ALT	Seat heating, Alert	61B	Blue	E-3	SCS61 +SCS26 1	1.5	E-4	ALT30	
47	10	APS, FHS	Air dryer, fuel filter heater	61C	Orange	E-5	APS47	1.5	E-6	FHS13	1.5
48	10	BWS	Body-work	61D		E-7	BWS		E-8	BWS	
49	-	-	-	-	-	-	-	-	-	-	-
50	5	COO	Alert yellow & green bus	X15	white	E-11	COO70	0.75	E-12		
51	-	-	-	-	-	-	-	-	-	-	-
52	2	LAS	Alarm	B	Brown	E-15	LAS40	0.75	E-16	INL	0.75
53	2	INL, ROH	INL Exclusive, warning of open roof hatch	B	Violet, grey	E-17	INL13	0.75	E-18	ROH050	0.75
54	10	VIS	Parking light, left-hand side	58A	Grey	F-1	VIS18 +VIS205	1.5+1.5	F-2	VIS19 +VIS20	1.5+1.5
55	10	VIS	Parking light, right-hand side	58B	Orange	F-3	VIS22 +VIS21	1.5+1.5	F-4	VIS24 +VIS23	1.5+1.5
56	5	INL, VIS	Back-ground lighting, levelling adjustment for head-lamps	58C	Blue	F-5	INL14	0.75	F-6	VIS	0.75
57	20	BWS	Body-work	58D		F-7	BWS		F-8	BWS	
58	10	VIS	Trailer, left-hand	58E	Grey	F-9	VIS203	1.5	F-10		

			side									
59	10	VIS	Trailer, right-hand side	58F	Brown	F-11	VIS204	1.5	F-12			
60	-	-	-	-	-	-	-	-	-	-	-	-
61	2	BWS	Body-work	RA		F-15	BWS		F-16	BWS		
62	2	POW	Voltage converter 24 V/12 V	RA	Violet	F-17	POW31	0.75	F-18			
63	10	DAU, FLC	Driver alert unit, Forward looking camera	30AR		A-19	DAU1	1.5	A-20			
64	5	SMS	Electric power supply	30AS	Red	A-21	SMS200		A-22			
65	20	COO	Variable geometry turbo-charger	30AT	Red	A-23	COO710	2.5	A-24			
66	10	TPM	Electric power supply, TPM control unit	30AU	Red	A-25	TPM1	1.5	A-26			
67	30	KIT, CAT	Kitchen module, cab tilt system	30AF	Red	B-19	KIT530/532 KIT536	4.0	B-20	CAT8	4.0	
68	10	KIT	Electric power supply	30AG	Red	B-21	KIT835	1.5	B-22	KIT830	1.5	
69	20	ATL	Trailer axle lock	30AH	Red	B-23	ATL9	2.5	B-24			
70	10	DIS2	Distance sensor	30AJ	Red	B-25	DIS51	1.0	B-26			

trol units in the central electric unit:

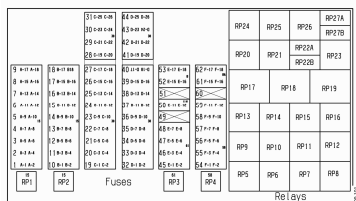
71	20	FHS, FCS	Fuel heater, fuel cooler system	30AK	Red	E-19	FHS15	2.5	E-20	FCS23	
72	10	THR	Electric throttle	30AL	Red	E-21	COO8	2.5	E-22		
73	20	FHS, FCS	Fuel heater, fuel cooler system	30AM	Red	E-23	FHS4	2.5	E-24	FCS24	
74	20	VIS	Head- lamp cleaning	30AN	Green	E-25	VIS16	2.5	E-26		
75			Re- served for future system			F-19			F-20		
76			Re- served for future system			F-21			F-22		
77			Re- served for future system			F-23			F-24		
78			Re- served for future system			F-25			F-26		

Fuse (No.)	Size (A)	System	Function	Supply	Cable colour	Connection	Marking of cable	Cable cross- sectional area
F5	30	KIT	Kitchen equipment	30	Red	F5-6	KIT	4
F5	10	KIT	Kitchen equipment	30	Red	F5-8	KIT	1.5
F9	20	FHS	Heater fuel filter	30	Red	F9-2	FHS4	2.5

F14	20	WIW	Window winder, rear left (crew cab)	30	Green	F14-2	WIW1004 +WIW1005	2.5
F14	20	WIW	Window winder, rear right (crew cab)	30	Green	F14-4	WIW1006 +WIW1007	2.5
F14	10	FST	Footstep (crew cab)	30	White	F14-6	FST1004	1
F14	10	FST, POW	Footstep (crew cab)	30	Yellow, green	F14-8	FST1022, POW1002	1, 1.5

Position	System	Function
1	POW	15 voltage
2	POW	15 voltage
3	POW	controlled by VIS
4	POW	58 supply, controlled by VIS
5	INL	Internal lighting
6	TAL	Tag axle lift
7	VIS	Brake lamp
8	VIS	Reversing light
9	COO	Resistor unit for vehicles with cruise control without buttons for this on steering wheel
10	FMS	ECU for FMS preparation
11	FMS	ECU for FMS preparation
12	CCS	A/C relay (crew cab)
13	POW	Safety switch
18	POW	Extra 15 supply relay for S vehicles
19	CAT	Relay for electronic cab tilting
20	TGL, KIT	Tail lift and kitchen equipment

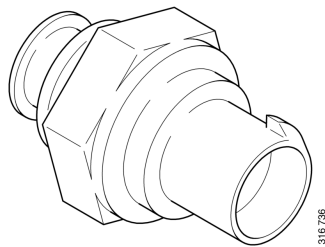
23	VIS	Auxiliary light
24	VIS	Auxiliary light
25	VIS	Auxiliary light



P 2, Central electric unit

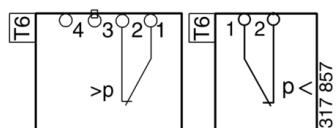
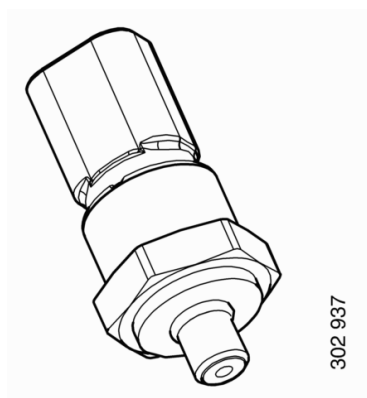
T 6, Pressure switch or pressure sensor for refrigerant pressure

The **Check** tab indicates whether the vehicle is equipped with a pressure switch or a pressure sensor. The pressure switch symbol has two pins and the pressure sensor symbol has three pins. **For air conditioning version 1:** 2-pin pressure switch which closes a circuit at a specific pressure in the climate system. The coordinator uses the information to shut off the compressor if the pressure becomes too high or too low. This is done to protect the component parts. **For air conditioning version 2:** 3-pin pressure sensor which continuously registers the pressure in the climate system. The coordinator uses the information on pressure to shut off the compressor if the pressure becomes too high or too low. This is done to protect the component parts. This information is also used to control the engine cooling fan, which cools the condenser and maintains the pressure at a desired level.



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