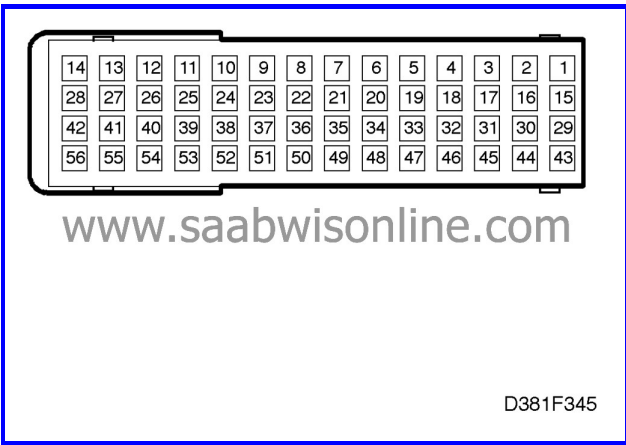




Test readings, control moduleconnections

🏠 / [900](#) / [1996](#) / [3. Electrical system](#) / [Main instrument display panel](#) / [Technical data](#) / Test readings, control moduleconnections

Test readings, control module connections



Test readings and instructions for measuring voltage levels on the main instrument unit and its control module are given below.

Remember:

- Readings should be taken via a BreakOut Box (BOB) connected between the control module and its connector.
- Several voltage levels should be regarded as guiding values. Use your common sense when judging whether a particular reading is correct or not.
- If any reading is not OK, consult the wiring diagram to trace the leads, connectors or components which ought to be checked more thoroughly.
- Pages referred to in the table contain a technical description of the signal in question.
- All test readings should be taken with the engine warmed up to normal operating

temperature.

- Unless otherwise specified, the ignition should be switched on.
- The test readings indicated are in respect of calibrated FLUKE 88/97.

Pin	Component/ function	Test conditions	In/ Out	Test reading	Across	See
1	Handbrake warning lamp	Handbrake off Handbrake on	In	0 V 12 V	55-1	➔
2	SRS warning lamp (central warning lamp)	Lamp out SRS OK	In	about 1 V	55-2	➔
3	SI-BUS -		In/ Out	2.5 V	3-43	
4	SI-BUS +		In/ Out	2.5 V	4-43	
5	Speed signal	Spin LH rear wheel 1/2 rev per sec.	In	about 15 Hz	5-43	➔
6	Rpm signal	Idling	In	about 30 Hz (4-cyl.) about 40 Hz (6- cyl.)	6-43	➔
7	Coolant temperature, signal		In	122 Hz	7-43	

8	Fuel contents, signal	Idling	In	about 7 Hz	8-43	➔
9	Turbo pressure signal	Ignition on	In	about 1 V	9-10	➔
10	Turbo pressure, ground	Idling	In	12 V	55-10	➔
11	Fuel level signal		In	about 0-5 V	11-43	➔
12	Fuel level, ground signal		In	12 V	55-12	➔
13	Indicator lamp EXH	On Off		12 V 0 V	13-43	➔
14	No connection					
15	Charging indicator lamp	Ignition on Engine running	In	12 V 0 V	55-15	
16	Warning lamp ABS (ANTI- LOCK)	On Off	In	12 V 0 V	55-16	➔
17	Warning lamp Oil pressure	On Off	In	12 V 0 V	55-17	➔
18	Warning lamp Brake fluid	Engine running Low Normal	In	12 V 0 V	55-18	➔
19	SRS 1+	Ignition on	In	12 V	19-43	➔
20	TCS OFF warning lamp	On Off	In	12 V 0 V	55-20	➔

Pin	Component/ function	Test conditions	In/ Out	Test reading	Across	See page
21	Repeater lamp direction indicators, RH	On Off	In	12 V 0 V	21-43	→
22	CHECK ENGINE warning lamp (MIL)	On Off	In	12 V 0 V	55-22	→
23	SPORT mode indicator lamp	On Off	In	12 V 0 V	55-23	→
24	Reserved					
25	Reserved					
26	Warning lamp, SRS 1	On Off	In	12 V 0 V	55-26	→
27	CHECK ACS warning lamp	On Off	In	12 V 0 V	55-27	→
28	CHECK GEARBOX warning lamp	On Off	In	12 V 0 V	55-28	→
29	No connection					
30	No connection					
31	No connection					
32	No connection					

33	No connection					
34	No connection					
35	No connection					
36	No connection					
37	Main beam indicator lamp	On Off	In	12 V 0 V	37-43	→
38	Warning lamp Door open	On Off	In	12 V 0 V	55-38	→
39	Indicator lamp SHIFT UP	On Off	In	12 V 0 V	55-39	→
40	Reserved					

Pin	Component/ function	Test conditions	In/ Out	Test reading	Across	See page
41	TCS indicator lamp	On Off	In	12 V 0 V	55-41	→
42	WINTER mode indicator lamp	On Off	In	12 V 0 V	55-42	→
43	Signal ground	Ignition on	In	< 0.1 V	43-B-	→
44	No connection					

45	No connection					
46	No connection					
47	No connection					
48	No connection					
49	No connection					
50	Indicator lamp, Cruise Control CRUISE	On Off	In	12 V 0 V	50-43	➔
51	Repeater lamp, direction indicators	On Off	In	12 V 0 V	51-43	➔
52	Indicator lamp Rear fog light	On Off	In	12 V 0 V	52-43	➔
53	Lights-on indicator lamp	On Off	In	12 V 0 V	53-43	➔
54	Reserved				54-43	
55	+ 15	Ignition on	In	< 0.5 V	B+ -55	➔
56	+ 30	Ignition on	In	< 0.5 V	B+ -56	➔

This project is supported by memberships and donations. If you use this site, please consider [Joining SCNA](#) and/or making a donation.

[Donate](#)

Our Friends

