

**Electrical Test Program – Cruise Control (CC) Test** **WARNING!**

**Risk of severe injury when touching ignition parts which produce high voltages. Do not touch ignition components.**

**Persons with heart pacemakers are not to perform repairs on this type of ignition system.**

 **WARNING!**

**Risk of fatal injury** from being pulled into rotating vehicle parts.

Do not reach into rotating parts.

Wear closed and tight-fitting work clothes.

Protect vicinity of rotating vehicle components from unauthorized access.

 **WARNING!**

Risk of explosion from fuel igniting, risk of poisoning from inhaling and swallowing fuel as well as risk of injury to eyes and skin from contact with fuel.

No fire, sparks, exposed flames or smoking.

Pour fuels only into suitable and appropriately marked containers.

Wear protective clothing when handling fuel.

**Note regarding “Test Connection” column:**

The numbers indicated in parentheses, for example, ⇒ 1.0 (2A) signify:

2 = Socket 2 on wiring diagram.

A = Connector A on wiring diagram




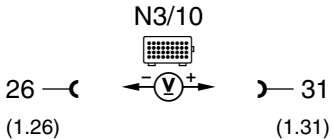
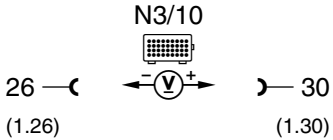
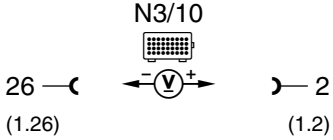
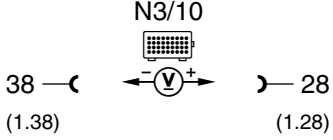
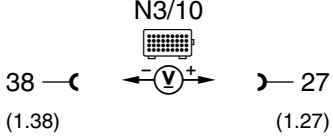
**Connect interior harness connector to connection 1 on test cable.**

**Connect engine harness connector to connection 2 on test cable.**


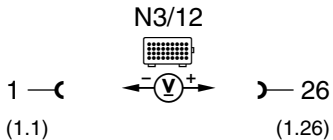
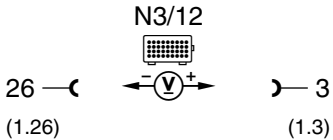
**Preparation for Test:**

1. Review section 0,
2. Review 11, 21, 22,
3. Ignition: **OFF**,
4. Connect test cable with socket box to N3/11 or N3/12, see 22.


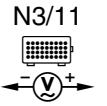
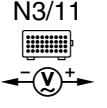
## Electrical Test Program – Cruise Control (CC) Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	PO 565	<b>CC switch (S40)</b>				
		<b>V</b> Decelerate/set		Ignition: <b>ON</b> CC switch not activated.  Decelerate activated.	< 1 V  11 – 14 V	Wiring, S40
		<b>SP</b> Memory recall		Memory activated.	11 – 14 V	
		<b>B</b> Accelerate/set		Accelerate activated.	11 – 14 V	
		<b>A</b> Off		CC switch not activated. Off activated.	11 – 14 V < 1 V	
		Control contact		CC switch not activated. CC switch in position: <b>Activate decelerate/ accelerate/memory/off</b>	< 1 V  11 – 14 V	

## Electrical Test Program – Cruise Control (CC) Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0	PI 584	<b>Stop lamp switch (S9/1)</b> N.C. contact		Ignition: <b>ON</b> Brake pedal not applied. Brake pedal applied.	< 1 V 11 – 14 V	Wiring, S9/1
2.1		N.O. contact		Ignition: <b>ON</b> Brake pedal not applied. Brake pedal applied.	11 – 14 V < 1 V	Wiring, S9/1

## Electrical Test Program – Cruise Control (CC) Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0	PO 500	<b>Only on RIGHT engine control module (N3/12) (up to 05/98) (as of 06/98 via CAN)</b> <b>Left front VSS signal</b>		Raise front of vehicle. Ignition: <b>ON</b> Spin left front wheel by hand.	4 – 8 V	Wiring, See DM, Chassis & Drivetrain, Vol. 3, section 9 (ASR, ETS, ESP).
3.1	PO 500	Only on RIGHT engine control module (N3/12) (up to 05/98) (as of 06/98 via CAN) Left rear VSS signal		Raise rear of vehicle. Ignition: <b>ON</b> Spin left rear wheel by hand.	4 – 8 V	Wiring, See DM, Chassis & Drivetrain, Vol. 3, section 9 (ASR, ETS, ESP).