




Electrical Test Program – Test (CC)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		<b>CC switch (S40)</b> <b>Model 124, 202, 210</b>				Wiring, Cruise control switch (S40).
		V Decelerate/set	<p>38 — 38 (1.38)    ← V →    10 (1.10)</p>	Ignition: <b>ON</b> CC switch not activated Position <b>DECEL</b>	< 1 V 11 – 14 V	
		SP Resume	<p>38 — 38 (1.38)    ← V →    31 (1.31)</p>	Position <b>RESUME</b>	11 – 14 V	
		B Accelerate/set	<p>38 — 38 (1.38)    ← V →    11 (1.11)</p>	Position <b>ACCEL</b>	11 – 14 V	
		A Off	<p>38 — 38 (1.38)    ← V →    33 (1.33)</p>	Switch not activated Position <b>OFF</b>	11 – 14 V < 1 V	
		Control switch contact	<p>38 — 38 (1.38)    ← V →    2 (1.2)</p>	Switch not activated Control switch contact in position: <b>DECEL., ACCEL., RESUME OFF</b>	< 1 V 11 – 14 V	










Electrical Test Program – Test (CC)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
[1.0]	054	<p><b>Models 129, 140</b></p> <p>V Decelerate/set</p> <p>SP Resume</p> <p>B Accelerate/set</p> <p>A Off</p> <p>Control switch contact</p>	<p style="text-align: center;">N4/1 </p> <p style="text-align: center;"></p> <p>79 —( (1.38)      )— 51 (1.10)</p> <p>79 —( (1.38)      )— 72 (1.31)</p> <p>79 —( (1.38)      )— 52 (1.11)</p> <p>79 —( (1.38)      )— 74 (1.33)</p> <p>79 —( (1.38)      )— 43 (1.2)</p>	<p>Ignition: <b>ON</b> CC switch not activated</p> <p>Position <b>DECEL</b></p> <p>Position <b>RESUME</b></p> <p>Position <b>ACCEL</b></p> <p>Switch not activated</p> <p>Position <b>OFF</b></p> <p>Switch not activated</p> <p>Control switch contact in position: <b>DECEL., ACCEL., RESUME, OFF</b></p>	<p>&lt; 1 V</p> <p>11 – 14 V</p> <p>11 – 14 V</p> <p>11 – 14 V</p> <p>11 – 14 V</p> <p>&lt; 1 V</p> <p>&lt; 1 V</p> <p>11 – 14 V</p>	


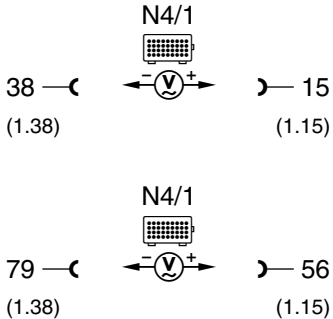
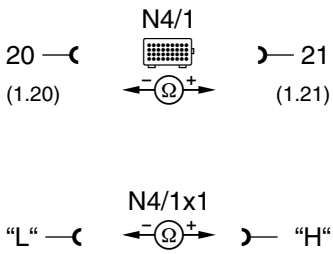
Electrical Test Program – Test (CC)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0		<p><b>Stop lamp switch (S9/1)</b> Signal (N.O. contact) <b>Model 124, 202, 210</b></p> <p><b>Model 129, 140</b></p> <p>Signal (N.C. contact) <b>Model 124, 202, 210</b></p> <p><b>Model 129, 140</b></p>	<p>N4/1  38 —(C) —(V) —(+) —(D) — 30 (1.38) (1.30)</p> <p>N4/1  79 —(C) —(V) —(+) —(D) — 71 (1.38) (1.30)</p> <p>N4/1  38 —(C) —(V) —(+) —(D) — 13 (1.38) (1.13)</p> <p>N4/1  79 —(C) —(V) —(+) —(D) — 54 (1.38) (1.13)</p>	<p>Ignition: <b>ON</b> Brake pedal not applied</p> <p>Brake pedal applied</p> <p>Ignition: <b>ON</b> Brake pedal not applied</p> <p>Brake pedal applied</p>	<p>&lt;1 V</p> <p>11 – 14 V</p> <p>11 – 14 V</p> <p>&lt;1 V</p>	<p>Wiring, Stop lamp switch (S9/1).</p>

Electrical Test Program – Test (CC)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0	096	<p><b>Starter lock-out/backup lamp switch (S16/1)</b> Selector lever position recognition <b>Model 124, 202, 210</b></p> <p><b>Model 129, 140</b></p>	<p style="text-align: center;">N4/1 </p> <p>4 — (1.4)  — 35 (1.35)</p> <p style="text-align: center;">N4/1 </p> <p>38 — (1.38)  — 29 (1.29)</p> <p style="text-align: center;">N4/1 </p> <p>4 — (1.4)  — 35 (1.35)</p> <p style="text-align: center;">N4/1 </p> <p>38 — (1.38)  — 29 (1.29)</p>	<p>Ignition: <b>ON</b> Transmission range: P/N R/D/3/2</p> <p>Ignition: <b>ON</b> Transmission range: R P/N/D/3/2</p> <p>Ignition: <b>ON</b> Transmission range: P/N R/D/3/2</p> <p>Ignition: <b>ON</b> Transmission range: R P/N/D/3/2</p>	<p>11 – 14 V &lt; 1 V</p> <p>11 – 14 V &lt; 1 V</p> <p>11 – 14 V &lt; 1 V</p> <p>11 – 14 V &lt; 1 V</p>	<p>Wiring, Starter lock-out/backup lamp switch (S16/1).</p>

Electrical Test Program – Test (CC)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
4.0	128 129 130	<b>Left front axle VSS sensor (L6/1)</b> Speed signal <b>Model 124, 202, 210</b>  <b>Model 129, 140</b>		Lift front of vehicle:  Ignition: <b>ON</b> Turn left front wheel by hand.  <b>Note:</b> Upon completion of test, erase DTC's from ASR control module memory	> 3 V    > 3 V	Wiring, Left front axle VSS sensor (L6/1), DM, Chassis & Drivetrain, Vol. 1, section 5.
5.0	112 115 117	<b>CAN data bus</b> <b>Model 124, 202, 210</b>  <b>Model 129, 140</b>		Ignition: <b>OFF</b>    Ignition: <b>OFF</b> Remove contact module.  Measure resistance at connector for control module N4/1.	55 – 65 Ω    115 – 125 Ω	Wiring, Engine control module (N3/4), EA/CC/ISC control module (N4/1).