



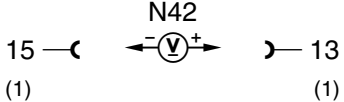
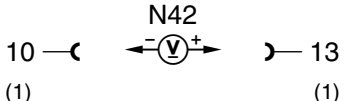


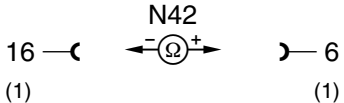
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		<p>SBE control module (N42) Voltage supply, circuit 30</p> <p>Voltage supply, circuit 15R</p>	<p>N42 16 —()— ◀ —(V)▶ —()— 13 (1) (1)</p> <p>N42 16 —()— ◀ —(V)▶ —()— 11 (1) (1)</p>	<p>Disconnect connector (1) on SBE control module (N42).</p> <p>Ignition: ON Disconnect connector (1) on SBE control module (N42).</p>	<p>11 – 14 V</p> <p>11 – 14 V</p>	<p>Wiring.</p> <p>Wiring.</p>
2.0		<p>Left front seat belt buckle switch (S68/1) Voltage supply</p>	<p>N42 9 —()— ◀ —(V)▶ —()— 13 (1) (1)</p>	<p>Disconnect connector (1) on SBE control module (N42).</p> <p>Connect seat belt tongue to buckle.</p>	<p>11 – 14 V</p> <p>< 1 V</p>	<p>Wiring, Left front seat belt buckle switch (S68/1).</p>
3.0		<p>Right front seat belt buckle switch (S68/2) Voltage supply</p>	<p>N42 8 —()— ◀ —(V)▶ —()— 13 (1) (1)</p>	<p>Disconnect connector (1) on SBE control module (N42).</p> <p>Connect seat belt tongue to buckle.</p>	<p>11 – 14 V</p> <p>< 1 V</p>	<p>Wiring, Right front seat belt buckle switch (S68/2).</p>


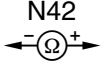
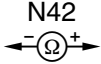
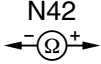
18.1 Seat Belt Extender

Model 124.066


Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
4.0		Left door switch (S17/3) Voltage supply		Disconnect connector (1) on SBE control module (N42). Left door: Open Closed	< 1 V 11 – 14 V	Wiring, Left door switch (S17/3).
5.0		Right door switch (S17/4) Voltage supply		Disconnect connector (1) on SBE control module (N42). Right door: Open Closed	< 1 V 11 – 14 V	Wiring, Right door switch (S17/4).
6.0		Left SBE motor (A10m1) Resistance		Disconnect connector (1) on SBE control module (N42).	1.2 – 3.0 Ω	Wiring, Left SBE motor (A10m1).
7.0		Left extender arm “retracted” switch (A10s1) Resistance		Seat belt extender arm retracted.	< 1 Ω	Wiring, Left extender arm “retracted” switch (A10s1).
8.0		Left extender arm “extended” switch (A10s2) Resistance		Seat belt extender arm extended. Pull on extender arm.	> 20 kΩ < 1 Ω	Wiring, Left extender arm “extended” switch (A10s2).

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
9.0		Force limit switch (A10s3)		Open and close the door. Ignition: ON While the seat belt is being extended, apply counter-force against the extender arm with the palm of your hand.	Seat belt extends. Seat belt immediately retracts.	Wiring, Extender arm binding, Force limit switch (A10s3).
10.0		Right SBE motor (A11m1) Resistance	1 —((2)  —) 2 (2)	Disconnect connector (2) on SBE control module (N42).	1.2 – 3.0 Ω	Wiring, Right SBE motor (A11m1).
11.0		Right extender arm “retracted” switch (A11s1) Resistance	7 —((2)  —) 5 (2)	Seat belt extender arm retracted.	< 1 Ω	Wiring, Right extender arm “retracted” switch (A11s1).
12.0		Right extender arm “extended” switch (A11s2) Resistance	7 —((2)  —) 6 (2)	Seat belt extender arm extended. Pull on extender arm.	> 20 kΩ < 1 Ω	Wiring, Right extender arm “extended” switch (A11s2).

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
13.0		Force limit switch (A11s3)		Open and close the door. Ignition: ON While the seat belt is being extended, apply counter-force against the extender arm with the palm of your hand.	Seat belt extends. Seat belt immediately retracts.	Wiring, Extender arm binding, Force limit switch (A11s3).