



17.2 Emergency Tensioning Retractor

Model 140

Electrical test program Testing the seat belt tension reduction feature (driver, front passenger)

Test step	Scope of test	Test equipment/ test connection	Test condition	Nominal value	Possible cause/remedy
⇒ 1.0	Voltage supply, seat belt latch switch Driver, front passenger) S68/9, S68/10	<p>K18/4 and/or K18/5</p> <p>1 — (B) ← V → — 2 (B)</p>	<p>Remove the B-pillar cover. Unplug the connector for the seat belt tension reduction feature actuator at the seat belt automatic reel. Ignition: ON Seat belt not latched.</p> <p>Seat belt latched.</p>	<p>0 V</p> <p>11–14 V</p>	<p>Wiring</p> <p>Seat belt latch (S68/9, S68/10)</p>
⇒ 1.1	Actuator, seat belt tension reduction feature driver (K18/4) front passenger (K18/5)	<p>K18/4 and/or K18/5</p> <p>1 — (B) ← Ω → — 2 (B)</p>	<p>Remove the B-pillar cover. Unplug the connector for the seat belt tension reduction feature actuator.</p>	<p>50–60 Ω</p>	<p>Defective seat belt automatic reel (91–0630)</p>

Electrical test program Testing the seat belt tension reduction feature (driver, front passenger)

Test step	Scope of test	Test equipment/ test connection	Test condition	Nominal value	Possible cause/remedy
⇒ 2.0	Voltage supply, seat belt latch switch ¹⁾ Right, left rear seat (S68/11, S68/12)	K18/6 and/or K18/7 1 —  — 2	Remove the B-pillar cover. Unplug the connector for the seat belt tension reduction feature actuator at the seat belt automatic reel. Ignition: ON Seat belt not latched. Seat belt latched .	0 V 11–14 V	Wiring Seat belt latch (S68/11, S68/12)
⇒ 2.1	Actuator, seat belt tension reduction feature ¹⁾ Left rear seat (K18/6) Right rear seat (K18/7)	K18/6 and/or K18/7 1 —  — 2	Unplug the connector for the seat belt tension reduction feature actuator.	50–60 Ω	Defective seat belt automatic reel (91–0630)

¹⁾ Seat belt tension reduction feature in rear seat only with individual power seats or available with power seat back adjustment.

Electrical test program

Testing the seat belt tension reduction feature (driver, front passenger)

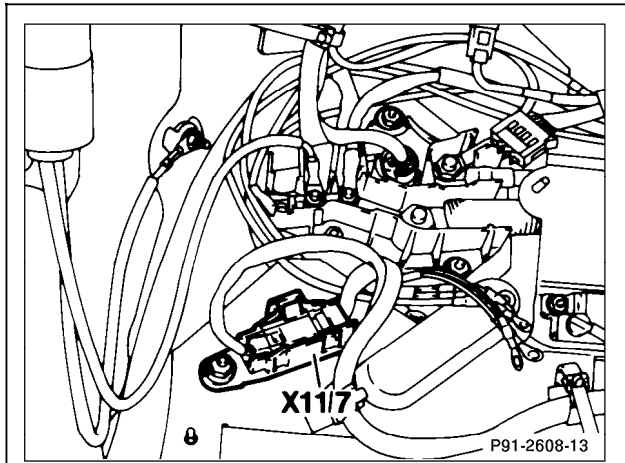


Figure1

P91-2608-13

X11/7 Test connection, ETR

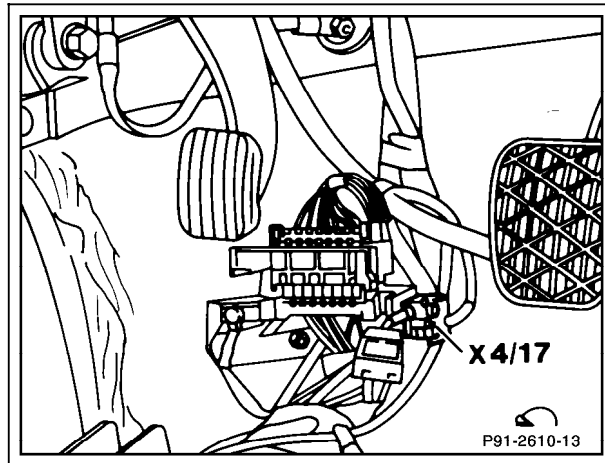


Figure2

P91-2610-13

X4/17 Terminal block, terminal 15c

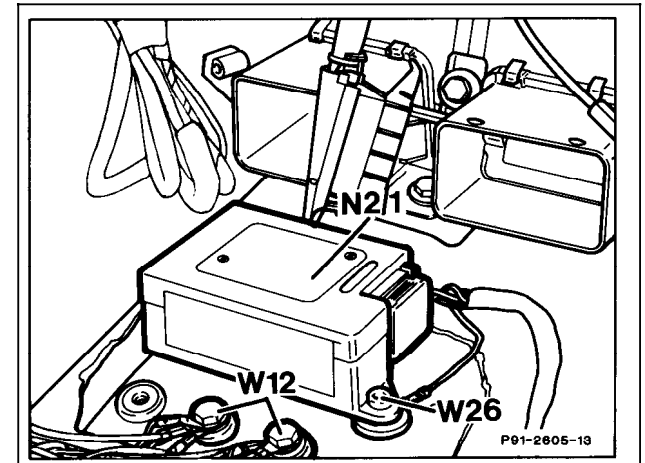


Figure3

P91-2605-13

W12 Ground, center console
W26 Ground, SRS control unit