







Electrical Test Program – Survey of Electrical Valve Actuation

Operational sequence, retractable hardtop opening

Limit switches engaged	Hydraulic unit relay (A7/5k1)	Retractable hardtop solenoid valve (A7/5y1)	Trunk lid solenoid valve (A7/5y2)
1) corresponds to: Voltage measurements (V) at the socket box 2) corresponds to: Readouts on the HHT			
Connection Diagram – Socket Box (22)	 ⊥ 22	 ⊥ 24	 ⊥ 25
Front and rear side windows go down Trunk lid unlocks, opens and Retractable hardtop unlocks	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON
Retractable hardtop opens Front side windows open	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF	1) 11 – 14 V 2) ON
Trunk lid closes, locks and hardtop locks	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF
After locking, time t=2 sec. Rear side windows go down for t=2 sec.	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF
Front side windows go up	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF

Electrical Test Program – Survey of Electrical Valve Actuation

Operational sequence, retractable hardtop closing

Limit switches engaged	Hydraulic unit relay (A7/5k1)	Retractable hardtop solenoid valve (A7/5y1)	Trunk lid solenoid valve (A7/5y2)
1) corresponds to: Voltage measurements at the socket box (V) 2) corresponds to: Readouts on the HHT			
Connection Diagram – Socket Box (22)	 ⊥ 22	 ⊥ 24	 ⊥ 25
Front and rear side windows go down Trunk lid unlocks, opens and Retractable hardtop unlocks	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF	1) 11 – 14 V 2) ON
Retractable hardtop opens Front side windows go down	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON
Trunk lid closes, locks and hardtop locks	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF
After locking, elapsed time t=3 sec. Rear side windows go up for time t=3 sec.	1) 11 – 14 V 2) ON	1) 11 – 14 V 2) ON	1) 0–1 V 2) OFF
Rear side windows go up	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF
Front side windows go up	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF	1) 0–1 V 2) OFF