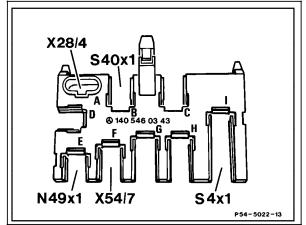
Test step	Scope of test	Test connection	Test condition	Nominal value	Possible cause/remedy
DTC					
⇒ 1.0 Ч	Cruise control switch (S40)	N4/1	Ignition: ON Switch not activated.	< 1 V	Wiring, Cruise control switch (S40).
	V Decelerate/set	79 ($-(-(1.10)^{+})$)—51 (1.10)	Position "DECEL."	11 – 14 V	
		79 — (-1.38) — (1.31)	Position "ACCEL."	11 – 14 V	
		79 (-() -) 52 (1.38)	Position "RESUME"	11 – 14 V	
	A Off	(1.38) (1.33)		11 – 14 V < 1 V	
	Control switch contact	79 — (— ①	Switch not activated. Control switch contact in position:	< 1 V	
			"OFF".		

Test step		Scope of test	Test connection	Test condition	Nominal value	Possible cause/remedy
	DTC					
⇒ 2.0	5	Stop lamp switch (S9/1) Signal (N.C. contact)	79 — (— () —)— 54 (1.38) (1.13)	Ignition: ON Brake pedal not applied Brake pedal applied	<1 V	Wiring, Stop lamp switch (S9/1), Base module (N16/1), DM, Chassis and Drivetrain, Vol. 1, section 1.1
⇒ 3.0	5	Stop lamp switch (S9/1) Signal (N.O. contact)	79 — (— Y —)— 71 (1.38) (1.30)	Ignition: ON Brake pedal not applied Brake pedal applied	<1 V 11 – 14 V	Wiring, Stop lamp switch (S9/1).
⇒ 4.0	Б	Starter lock-out/backup lamp switch (S16/3) (Transmission range recognition) Voltage	N4/1 44 — (— Y —) — 45 (1.3) (1.4)	$\begin{array}{c} R \rightarrow \\ N \rightarrow \\ D \rightarrow \end{array}$	0.3 V 4.0 V	Wiring, Starter lock-out/backup lamp switch (S16/3), ⇒ 4.1, EA/CC/ISC control module (N4/1).

Test step	Scope of test	Test connection	Test condition	Nominal value	Possible cause/remedy
DTC					
⇒ 4.1	Starter lock-out/backup lamp switch (S16/3) (Transmission range recognition) Resistance	44 -(Ignition: OFF EA/CC/ISC control module (N4/1) unplugged. Transmission range: $P \rightarrow R \rightarrow N \rightarrow D \rightarrow 3 \rightarrow 2 \rightarrow$	1400 Ω 294 Ω 28000 Ω 11300 Ω 5900 Ω 3100 Ω (± 10 %)	Wiring, Starter lock-out/backup lamp switch (S16/3).
⇒ 5.0 🛮	Left front axle vehicle speed sensor (L6/1) Speed signal	79 — (—— <u>V</u> — 56 (1.38)	Lift front of vehicle. Ignition: ON Turn left front wheel by hand	4 – 8 V	Wiring, Left front axle vehicle speed sensor (L6/1), ABS/ASR control module (N30/1) DM, Chassis and Drivetrain, Vol. 1, section 5.2. Note: Upon completion of test, erase any DTC's from ABS/ASR control module (N30/1) memory.
⇒ 6.0	Serial data bus (CAN)	1	Ignition: OFF EA/CC/ISC control module (N4/1) unplugged. Measure resistance at connector (see Figure 5).	55 – 65 Ω	Wiring, LH-SFI control module (N3/2 or N3/3), DM, Engine, Vol. 2, section 3.2, Ignition control module (N1/4 or N1/5), DM, Engine, Vol. 2, section 5.3. ABS/ASR control module (N30/1) DM, Chassis and Drivetrain, Vol. 1, section 5.2

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P54-5022-13 Figure 1

S40x1 Cruise control switch connector

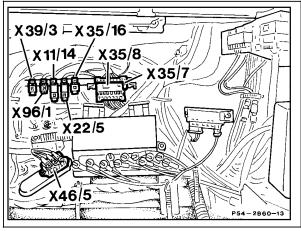


Figure 2 P54-2860-13

X35/8 Cockpit/module box plug connection, electronic accelerator/cruise control/idle speed control (16-pole)

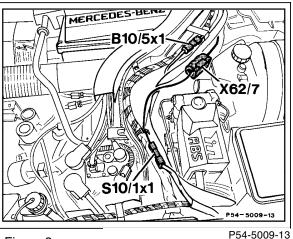
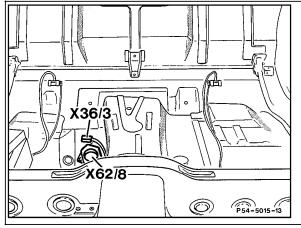


Figure 3

X62/7 Left front axle wheel speed sensor connector (component compartment)

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X62/8 Rear axle multiple circuit junction connector

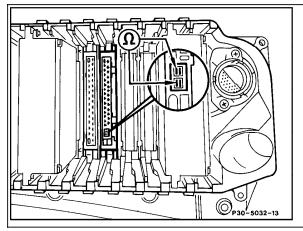


Figure 5 P30-5032-13

N4/1x1 EA/CC/ISC control module connector Circle = CAN bus

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