


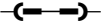









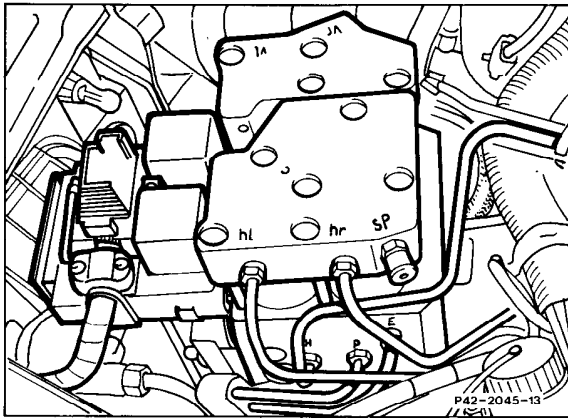
Hydraulic Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		ASR charging pump (M15)	 10 bar at “SP“  1  11 20  27 33  34	Ignition: ON (max. 60 seconds)	1.8 – 11 bar All: OFF	Wiring, Hydraulic connections leak, ASR charging pump (M15).
2.0		Return/pressure pump motor (A7/3m1)	 250 bar at “SP“  Warning High Pressure	Engine: START	Pressure rises quickly to 50 – 110 bar, proceed to increase slowly to 150 – 200 bar. Charging time: max. 60 seconds.	⇒ 3.0, 23 ⇒ 38.0, 39.0, Hydraulic connections leak, Hydraulic unit (A7/3).

Electrical Test Program – Test

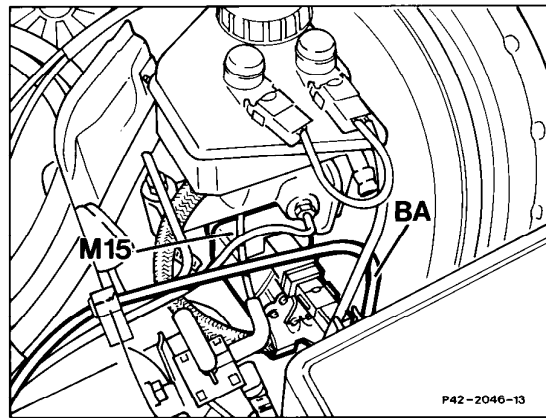
⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0		Pressure reservoir	 250 bar at “SP”  Warning High Pressure	Engine: START	Pressure rises quickly to 50 – 110 bar, proceed to increase slowly to 150 – 200 bar. Charging time: max. 60 seconds.	Hydraulic connections leak, Pressure reservoir.

Hydraulic Test Program – Test



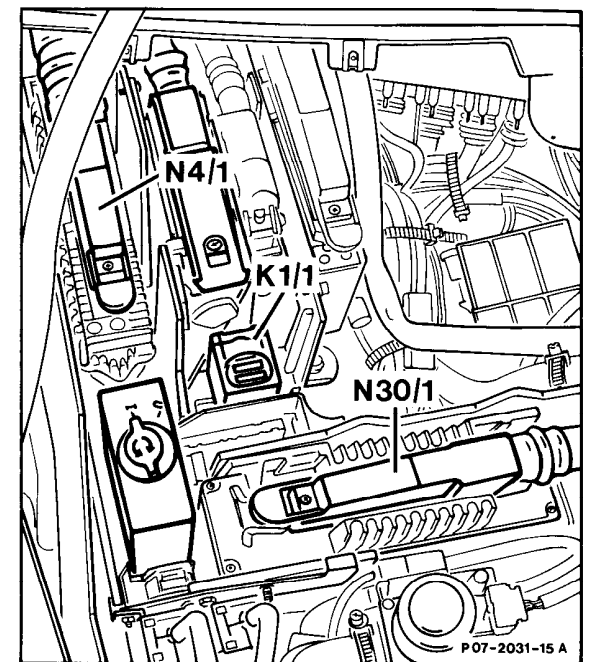
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Figure 1
ABS/ASR hydraulic unit (A7/3) relief screw "SP"



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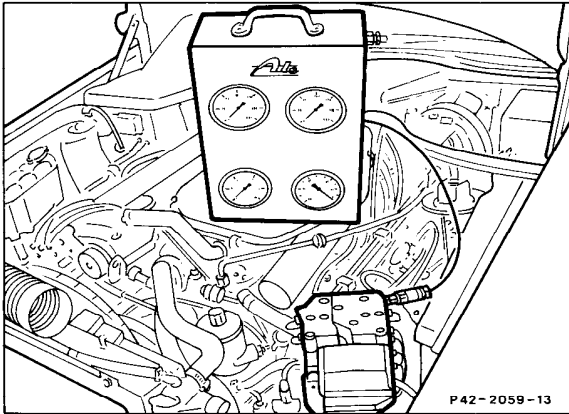
Figure 2
M15 ABS/ASR charging pump



P07-2031-15 A

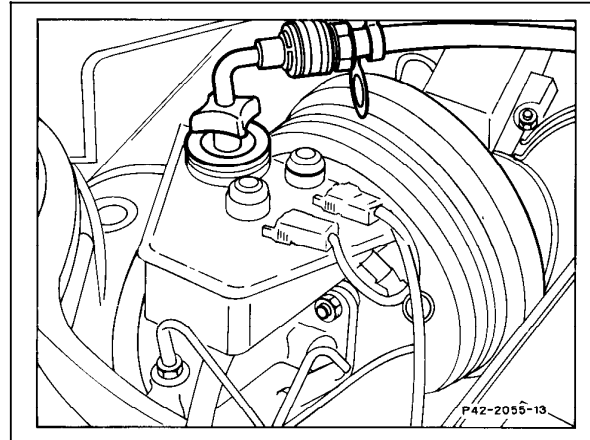
Figure 3
N30/1 ABS/ASR control module

Hydraulic Test Program – Test



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Figure 4
Pressure tester at connection "SP"



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Figure 5
Connection "brake bleeder to brake fluid reservoir"