


H17	BT00.00-X-1000Z	Technical modifications	30.6.99
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BT07.52-P-0001-01A	Reference resistor coupling (PMS) modified		J17
BT09.20-P-0003-01A	Intake manifold with mount for intake noise muffler		K17
BT09.41-P-0001-01A	Fit-on area at boost air hoses and at intercooler extended		L17
BT14.10-P-9404-01G	Exhaust manifold in a double-wall design		O17
BT14.30-P-9404-01D	Air pump discontinued		P17
BT07.51-P-0002-01A	Length of bolts for attaching camshaft position sensor modified		A18



J17	BT07.52-P-0001-01A	Reference resistor coupling (PMS) modified		 BT
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Production breakpoint/Modifications/New features

<i>Engine</i>	<i>LHS RHS</i>	<i>Trans- mis- sion</i>	<i>Engine end no. as of</i>	<i>Engine end no. up to</i>	<i>Prod. period as of</i>	<i>Prod. period up to</i>	<i>Nature and reason for modification</i>	<i>Reference/Remarks</i>
111.920					1.1.94		The reference resistor coupling (PEC) is fitted with an anti-tamper device	Ⓐ
111.940					1.1.94		The reference resistor coupling (PEC) is fitted with an anti-tamper device	Ⓐ

K17	BT09.20-P-0003-01A	Intake manifold with mount for intake noise muffler	 BT
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Production breakpoint/Modifications/New features

Engine	LHS RHS	Trans- mis- sion	Engine end no. as of	Engine end no. up to	Prod. period as of	Prod. period up to	Nature and reason for modification	Reference/Remarks
104.941		0	005691			23.5.95		
104.941		2	058497			23.5.95		
104.942		0	006736			23.5.95		
104.942		2	060693			23.5.95		
104.943		0	001165			23.5.95		
104.943		2	004755			23.5.95		
104.944		0	000951			23.5.95		
104.944		2	011614			23.5.95		
104.991		2	014252			4.5.95		
104.992		0	005167			4.5.95		
104.992		2	093513			4.5.95		
104.994		2	048780			4.5.95		

The top part of the intake manifold part no. 104 140 44 01 replaces part no. 104 140 39 01. The top part of the intake manifold is fitted with mounting points for the intake noise muffler.

L17

BT09.41-P-0001-01A

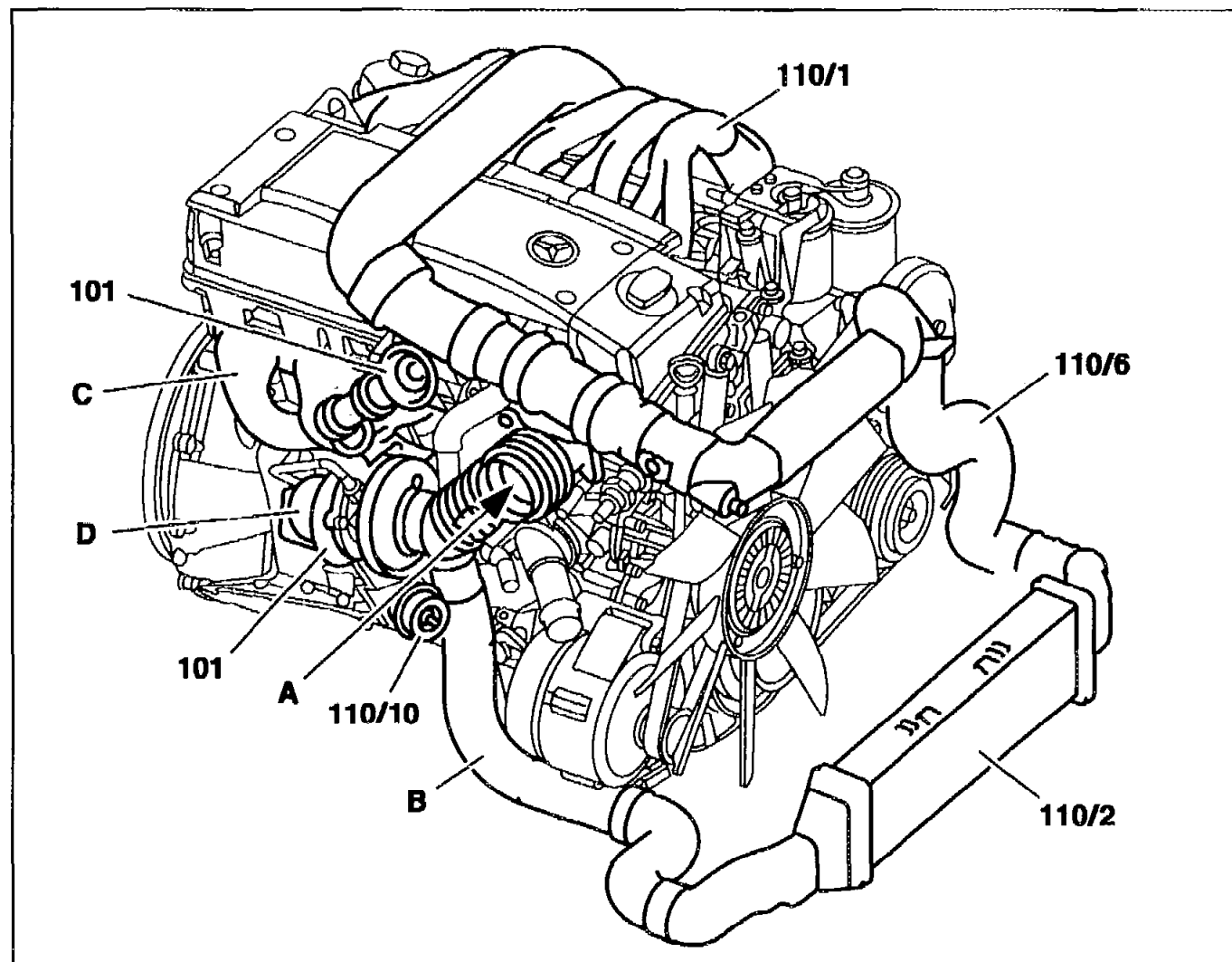
Fit-on area at boost air hoses and at
intercooler extended**ENGINE 602.982, 605.96, 606.96 as of 1.4.97**

i An improved fit-on reliability and leaktightness is provided as a phased-in measure for the charge air hoses, charge air lines, intercooler and hose clips on the engines stated above.

Only the new versions will be available as replacement parts.

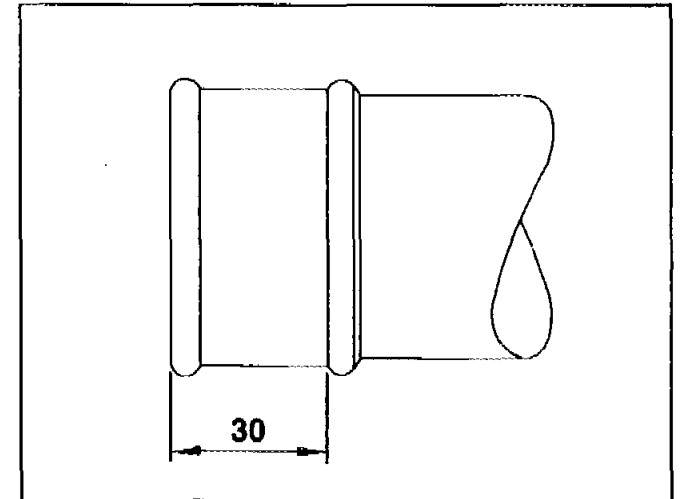
If problems exist, seal only the affected charge air connection point. Slight quantities of oil in the charge air system come from the crankcase ventilation.

Do not replace turbocharger.



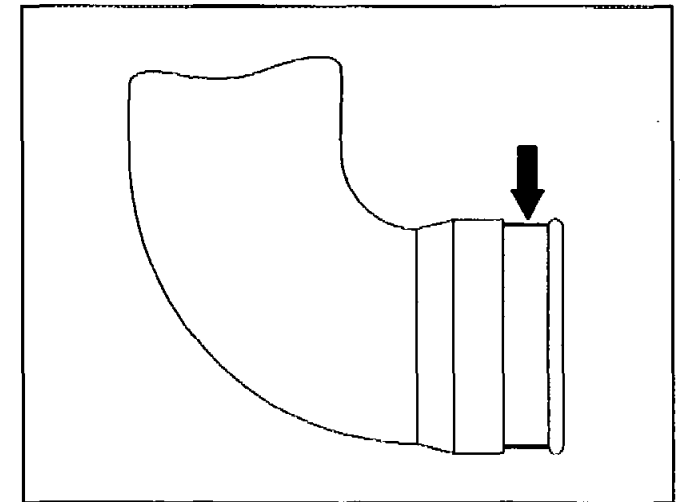


The fit-on length has been increased from 22 mm to 30 mm.



P09.41-2002-01

The charge air hoses have an 1.5 mm deep groove (arrow) for the hose clips.



P09.41-2001-01

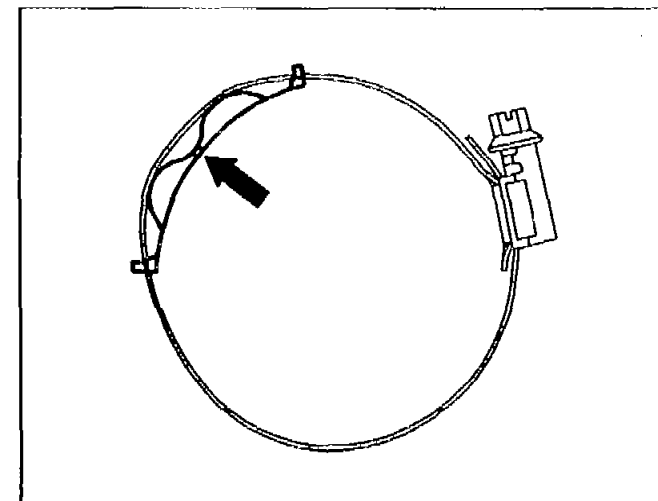


The hose clips have a spring segment (arrow).

Dimension 50 - 70 mm part no. 006 997 26 90

Dimension 60 - 80 mm part no. 006 997 27 90

Dimension 70 - 90 mm part no. 006 997 60 90



P09.41-2003-01



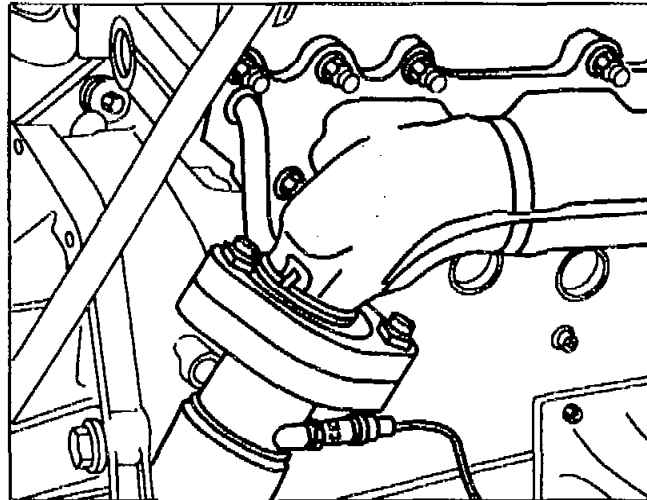
017	BT14.10-P-9404-01G	Exhaust manifold in a double-wall design		
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Production breakpoint/Modifications/New features

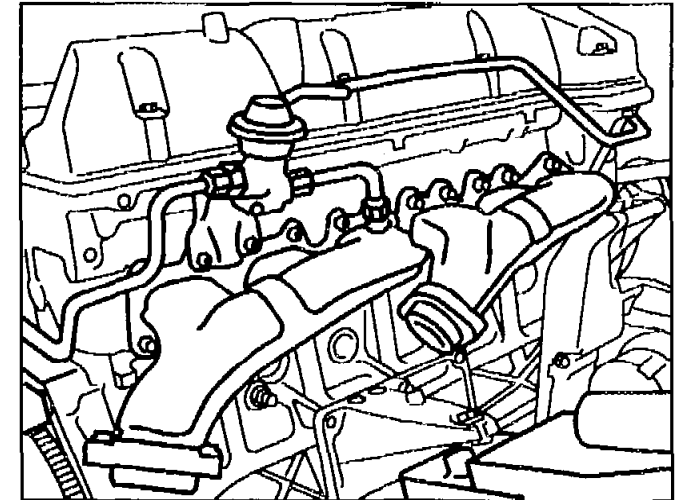
Engine	LHS RHS	Trans- mis- sion	Engine end no. as of	Engine end no. up to	Prod. period as of	Prod. period up to	Nature and reason for modification	Reference/Remarks
104					1.1.94			
111								USA Model year 1995

Left-hand fig., engine 111 (USA)
model year 1995

Right-hand fig., engine 104



P49.10-0219-01



P14.10-0204-01

In order to reach the operating temperature more quickly, an exhaust manifold in a double-wall design (insulated by an air gap) is installed.

Modified exhaust nuts are to be used for installation

P17	BT14.30-P-9404-01D	Air pump discontinued		 BT
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Production breakpoint/Modifications/New features

Engine	LHS RHS	Trans- mis- sion	Engine end no. as of	Engine end no. up to	Prod. period as of	Prod. period up to	Nature and reason for modification	Reference/Remarks
104.94					1.1.94			except (CH) (S) (N) (A) (USA) (J) (FIN)
104.99					1.1.94			except (CH) (S) (N) (A) (USA) (J) (FIN)

As a result of the rapid heating up of the catalytic converter the air pump has been discontinued since January 1994 with the exception of the following national versions:

(CH) (S) (N) (A) (USA) (J) (FIN)



A18	BT07.51-P-0002-01A	Length of bolts for attaching camshaft position sensor modified		 BT
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Production breakpoint/Modifications/New features

<i>Engine</i>	<i>LHS RHS</i>	<i>Trans- mis- sion</i>	<i>Engine end no. as of</i>	<i>Engine end no. up to</i>	<i>Prod. period as of</i>	<i>Prod. period up to</i>	<i>Nature and reason for modification</i>	<i>Reference/Remarks</i>
111.961			070377				M6×16 instead of M6×14 bolts are optionally installed for a temporary period for attaching camshaft position sensor	