

AR03.10-P-6111-03AW	Press-fitting new connecting rod bush		
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#### Test data of conrod

Number	Designation		Engine 601.921	Engine 601.921
			<sup>(USA)</sup> up to 09/84	<sup>(USA)</sup> as of 10/84
BE03.10-P-1006-01C	Conrod bush inner $\varnothing$ (d)	mm	27.018-27.024	26.012-26.018
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1007-01C	Conrod bush outer $\varnothing$	mm	29.560-29.600	28.575-28.600
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1008-01C	Conrod bush basic bore $\varnothing$ (d1)	mm	29.500-29.521	28.500-28.521
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1009-01C	Piston pin play in conrod bush	mm	0.007-0.018	0.007-0.018
BE03.10-P-1010-01C	Peak-to-valley height (Rz) of conrod bush on inside	$\mu\text{m}$	5	5

#### Test data of conrod

Number	Designation		Engine 601 up to 09/84 except 601.921 <sup>(USA)</sup>	Engine 601 ab 10/84 except 601.921 <sup>(USA)</sup> , engine 602.91, 603.91
			BE03.10-P-1006-01C	Conrod bush inner $\varnothing$ (d)
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1007-01C	Conrod bush outer $\text{III}$	mm	29.560-29.600	28.575-28.600
BE03.10-P-1008-01C	Conrod bush basic bore $\varnothing$ (d1)	mm	29.500-29.521	28.500-28.521
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1009-01C	Piston pin play in conrod bush	mm	0.007-0.018	0.007-0.018
BE03.10-P-1010-01C	Peak-to-valley height (Rz) of conrod bush on inside	$\mu\text{m}$	5	5

#### Test data of conrod

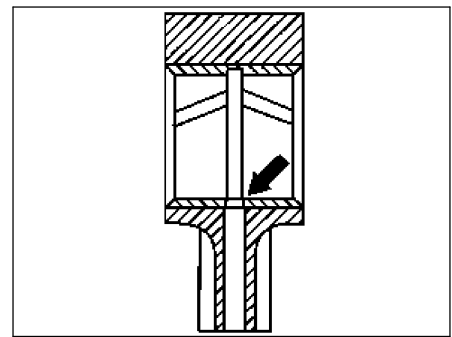
Number	Designation		Engine 602.96, 603.96	Engine 603.97
			BE03.10-P-1006-01C	Conrod bush inner $\varnothing$ (d)
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1007-01C	Conrod bush outer $\varnothing$	mm	30.575-30.600	30.575-30.600
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1008-01C	Conrod bush basic bore $\varnothing$ (d1)	mm	30.500-30.521	60.500-30.525
	Fig. see		AR03.10-P-6111AW	AR03.10-P-6111AW
BE03.10-P-1009-01C	Piston pin play in conrod bush	mm	0.007-0.018	0.007-0.018
BE03.10-P-1010-01C	Peak-to-valley height (Rz) of conrod bush on inside	$\mu\text{m}$	5	5

1 Press out conrod bush; use new conrod bush to press out old conrod bush.

ⓘ Press in new conrod bush so that the oil drilling(s) in the conrod bush is/are aligned with the drillings in the conrod (arrows).

(Arrow) Oil drilling

Naturally aspirated engine 601, 602, 603,



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2 Turn out conrod bush and ream.

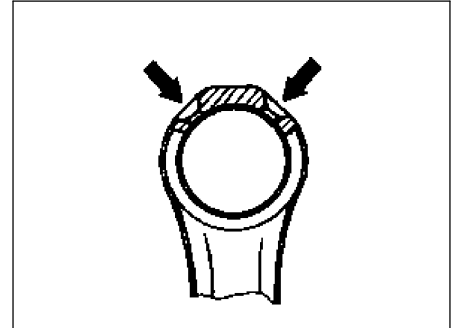
3 Dress side faces of the conrod on a dressing plate.

Turbo engine 602, 603

(Arrows) Oil drillings

ⓘ Engines 603.960/963 as of 01/1988 up to 08/1988 have 3 drillings  $\varnothing$  4.5 mm for lubricating the piston pins.

Engines 602.96, 603.96 and 603.97 (USA) as of 09/1988 have 2 oil drillings  $\varnothing$  4.5 mm for lubricating the piston pins.



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