


BE01.00-P-1000-01B	Compression pressure	Engine 111, 156, 159, 271, 272, 273	 BE
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#### Modification notes

22.1.04	Value changed from 12...16 bar to 12...15 bar	Value in series 1001 modified for engine 272
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#### Compression pressure

Number	Designation	Engine 111.920/ 960/961 ε 9.8	Engine 111.920/ 921/960/ 961 ε 8.5 (fuel optimized)	Engine 111.940/ 941/942 ε 9.6	Engine 111.940 111.941 ε 8.5 (fuel optimized )	
BE01.00-P-1001-01B	Compression pressure installation tolerance or new value	bar	10.5 to 14	7.5 to 10.5	10.5 to 14	7.5 to 10.5
BE01.00-P-1002-01B	Compression pressure permissible difference between individual cylinders	bar	≤1.5	≤1.5	≤1.5	≤1.5
BE01.00-P-1003-01B	Compression pressure pressure wear limit or limit value	bar	-	-	-	-

#### Compression pressure

Number	Designation	Engine 111.921/ 945/946/ 970/974/ 977 ε 10.4	Engine 111.943/ 944/947 ε 8.5	Engine 111.973/ 975 ε 8.8	Engine 111.945/ 946 (fuel optimized ) ε 8.8	
BE01.00-P-1001-01B	Compression pressure installation tolerance or new value	bar	11 to 15	7.5 to 10.5	7.5 to 10.5	7.5 to 10.5
BE01.00-P-1002-01B	Compression pressure permissible difference between individual cylinders	bar	≤1.5	≤1.5	≤1.5	≤1.5
BE01.00-P-1003-01B	Compression pressure pressure wear limit or limit value	bar	-	-	-	-

#### Compression pressure

Number	Designation	Engine 156	Engine 159	
BE01.00-P-1001-01B	Compression pressure installation tolerance or new value	bar	12 to 16	10 to 14
BE01.00-P-1002-01B	Compression pressure permissible difference between individual cylinders	bar	≤2.0	≤2.0
BE01.00-P-1003-01B	Compression pressure pressure wear limit or limit value	bar	10	8

### Compression pressure

Number	Designation		Engine 271.820	Engine 271.860	Engine 271.921	Engine 271.910/ 940/941/ 944/946/ 952
BE01.00-P-1001-01B	Compression pressure installation tolerance or new value	bar	11.7 to 14.2	11.5 to 14	12 to 14.5	11.5 to 13.5
BE01.00-P-1002-01B	Compression pressure permissible difference between individual cylinders	bar	≤1.5	≤1.5	≤1.5	≤1.5
BE01.00-P-1003-01B	Compression pressure pressure wear limit or limit value	bar	≈9	≈9	≈10	≈9

### Compression pressure

Number	Designation		Engine 271.948/ 950/954/ 955/956	Engine 272	Engine 273
BE01.00-P-1001-01B	Compression pressure installation tolerance or new value	bar	10 to 12.5	12 to 15	12 to 16
BE01.00-P-1002-01B	Compression pressure permissible difference between individual cylinders	bar	≤1.5	≤1.5	≤1.5
BE01.00-P-1003-01B	Compression pressure pressure wear limit or limit value	bar	8	10	10