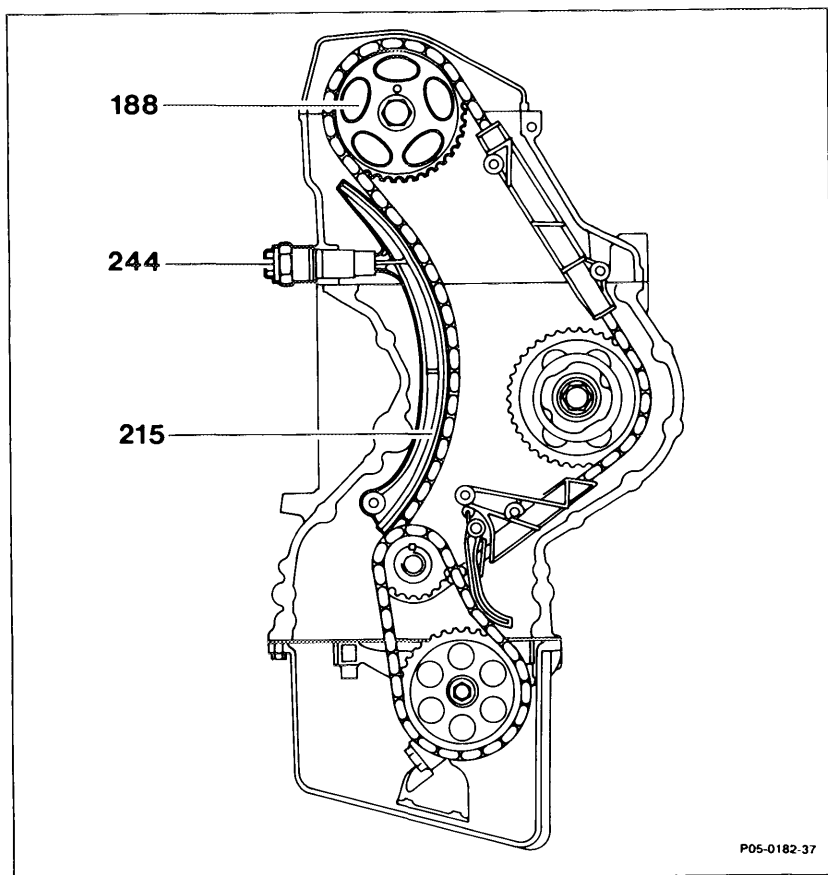


05-310 Removing and installing chain tensioner



Chain tensioner (224) remove, install, 65 Nm.
Replace sealing ring and install chain tensioner
filled with SAE 10 engine oil.

Filling chain tensioner with engine oil:

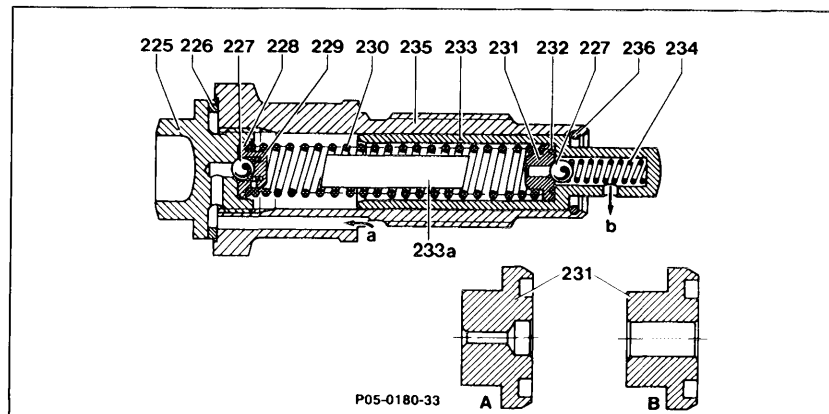
Place chain tensioner with the plunger bolt downwards in SAE engine oil until over the collar on the hexagon. Press plunger up to the stop 7 - 10 times slowly with the aid of a press or power drill.

It should be possible to compress the chain tensioner quite slowly, evenly and with little effort after filling with oil.

Note

A revised valve disk (231) has been fitted in the chain tensioner in order to avoid peak pressures of the chain tensioner on the tensioner rail.

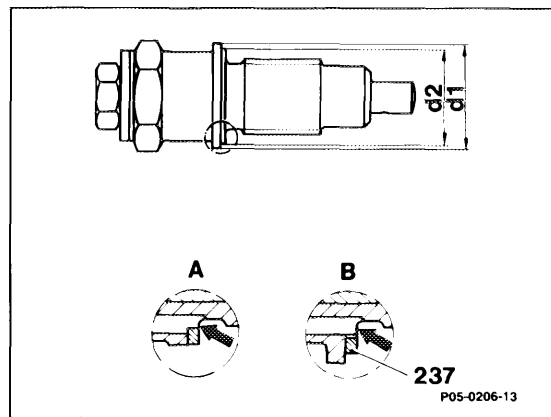
- 225 Sealing plug
- 226 Aluminium gasket
A 25 x 30
- 227 5 mm Ø ball
- 228 Ball guide
- 229 Compression spring
- 230 Compression spring
- 231 Valve disk
- 232 O-ring
- 233 Plunger
- 233a Filler piece
- 234 Compression spring
- 235 Housing
- 236 B 16 snap ring
- a Supply bore from cylinder head
- b To oil pan
- A Former design
- B Current design



The outside diameter of the sealing surface on the chain tensioner housing has been enlarged by 2 mm. This necessitates a sealing ring (237) having dimensions of 27 x 32 mm (previously 25 x 30).

This revision prevents the formation of burrs on the sealing ring (picture, circular cut-out) when tightening the chain tensioner.

This chain tensioner can also be installed in vehicles of earlier manufacture.



d 1 32 mm
d 2 27 mm

A Previous design
B Revised design

Production breakpoint: 07/87

Model	Engine	Engine end No.		Vehicle identification end No.	
		Manual transmission	Automatic transmission	A	F
124.133 124.193	603.960	–	013741	*	*
126.125	603.961	–	013507	*	*
201.126	602.911	047439	010643	*	*
201.128	602.961	–	001540	*	*

* not recorded

Special tool

