

Removal:

1. Carry through operations of items 1-6 of Job No. 05-23.
2. Unscrew the screw plug (18) for the pivot pin of the guide sprocket (see Figure 05-23/1).
3. Pull the pivot pin (1) and remove the guide sprocket (10) (see Figure 05-25/1 and 05-25/2).

Note: If tightly seated, the puller, part No. 187 589 07 33 with threaded insert M 8 can be used.

Repairing of the guide sprocket (see Job No. 05-26).

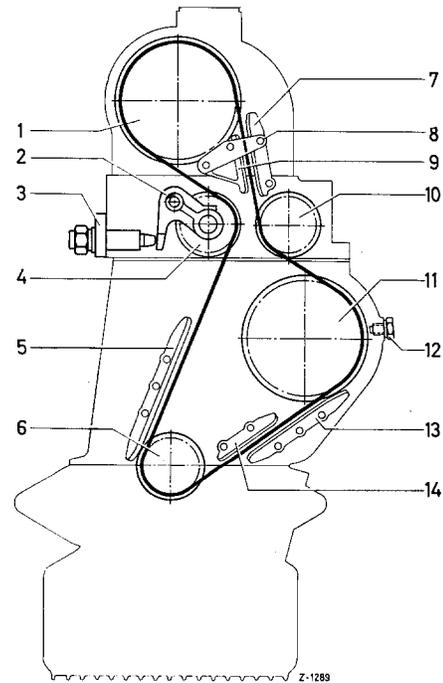


Figure 05-25/1

- 1 Camshaft sprocket
- 2 Idler sprocket support with idler sprocket
- 3 Chain tightener
- 4 Idler sprocket
- 5 Guide rail, outer
- 6 Crankshaft sprocket
- 7 Guide rail, outer
- 8 Holder for guide rail, inner
- 9 Guide rail, inner
- 10 Guide sprocket
- 11 Intermediate sprocket
- 12 Locking screw
- 13 Guide rail, outer
- 14 Guide rail, inner

Installation:

4. Insert the guide sprocket pivot pin (1) into the cylinder head (2) in such a way that the two lubricating bores (A) in the pin (1) show **downwards** and the pivot pin slightly projects in the chain box. Insert the guide

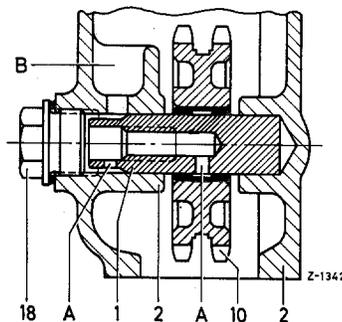


Figure 05-25/2

- 1 Pivot pin
- 2 Cylinder head
- 10 Guide sprocket
- 18 Screw plug
- A Bores for lubricating guide sprocket
- B Oil pocket with oil bore

sprocket (10) and use a suitable arbor to knock in the pivot pin (1), observing not to damage the internal thread (see Figure 05-25/1 and 05-25/2).

5. Screw on the screw plug (18) with seal ring and tighten (see Figure 05-23/1 and 05-25/2).
6. Carry out operations according to items 11 through 16 of Job No. 05-23.