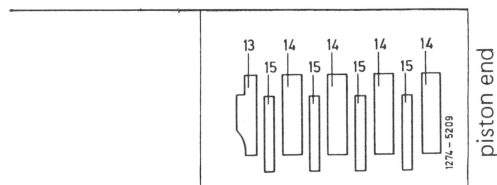


Clutch Plates

Trans- mission	722.004	
	thickness	item No.
Outside plates	5.0	13
	4.5 or 5.0 optional	14
Inside plates	2.1	15
Compen- sating washer	—	—

Clutch Plate Diagram



Clearance "L" of Plate Clutch in mm

	1.0 ± 0.2
--	---------------

Special Tools

Assembly fixture	115 589 01 59 00
Introducing sleeve for clutch piston K 1	116 589 17 61 00

Note

The number of compression springs for the clutch piston differs. When new compression springs are required, always install the same number of springs.

Disassembly

- 1 Push circlip (2) out of groove with a screw driver and remove (Fig. 1).

27.2 Disassembly, Reassembly and Measuring of Clutch K 1

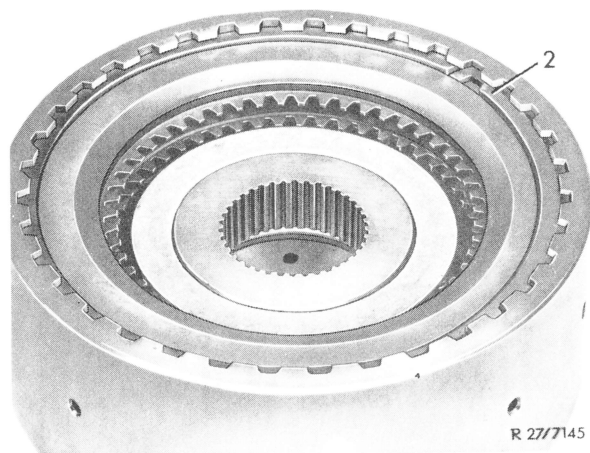


Fig. 1
2 Undulated circlip

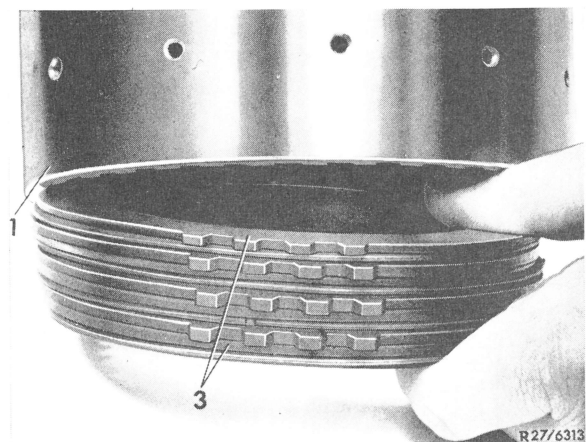


Fig. 2
1 Supporting flange 3 Plate assembly

2 Remove plate assembly (3) by tilting supporting flange (1) (Fig. 2).

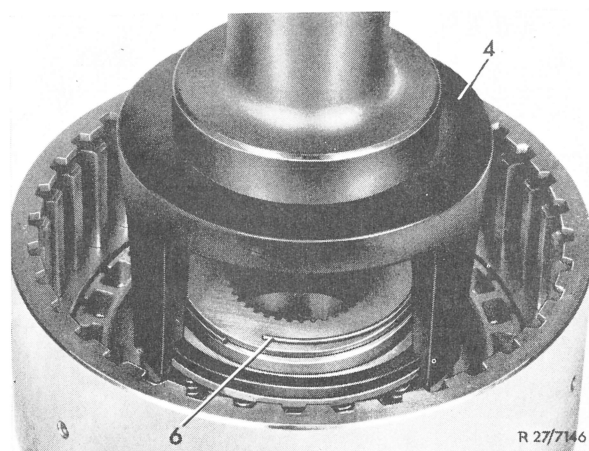


Fig. 3
4 Assembly fixture 6 Circlip

3 Place assembly fixture (4) on spring retainer (5) in such a manner that the pressure ring is uniformly seated. Push spring retainer down with a press until circlip (6) is exposed and can be removed (Fig. 3).

4 Carefully release press, remove spring retainer (5) and compression springs (7) (Fig. 4).

5 Hold piston (8) with two pointed pliers and pull out of supporting flange (1) until it can be held manually (Fig. 5).

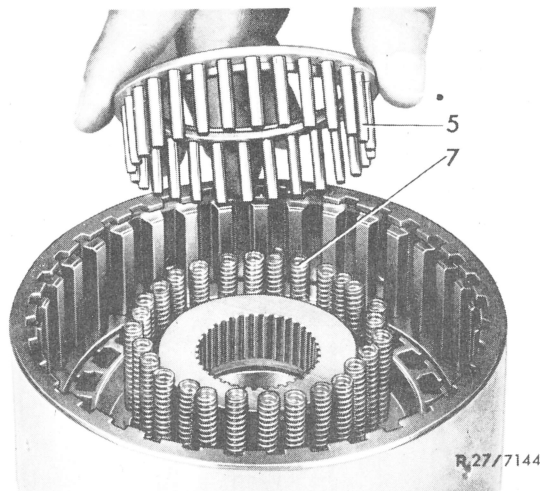


Fig. 4
5 Spring retainer 7 Compression springs

6 Lift piston with lip sealing ring (9) out of supporting flange (1).

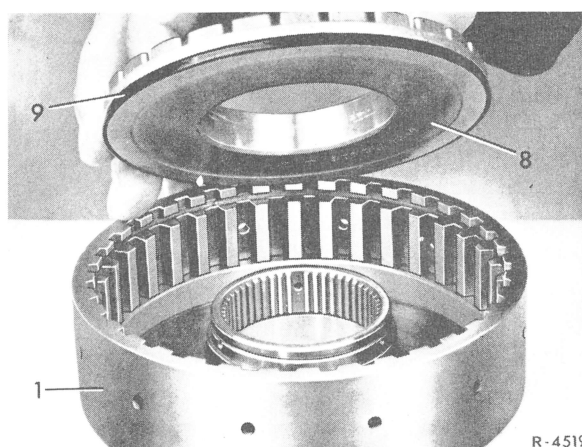


Fig. 5
1 Supporting flange 9 Lip sealing ring
8 Piston

Assembly

7 Install new lip sealing ring (11) (Fig. 6).

Attention! Do not use sharp-edged tools.

The lip sealing ring should be correctly resting in groove (10) with the lip pointing downward (in direction of arrow) (Fig. 6).

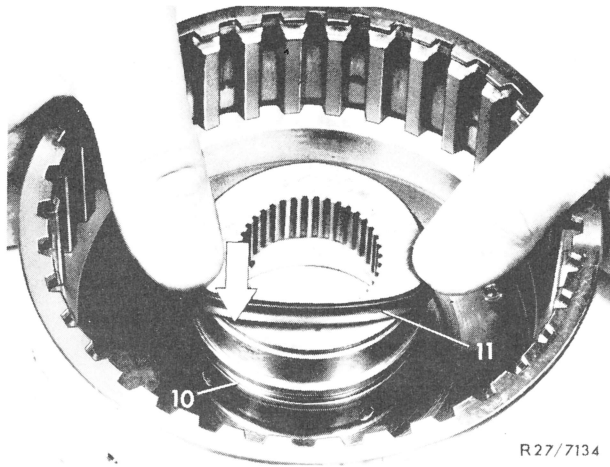


Fig. 6

10 Groove

11 Lip sealing ring

8 Insert introducing ring (12) into supporting flange (1) (Fig. 7).

9 Install new lip sealing ring (9) to the extent required: the sealing lip should point downwards in direction of arrow.

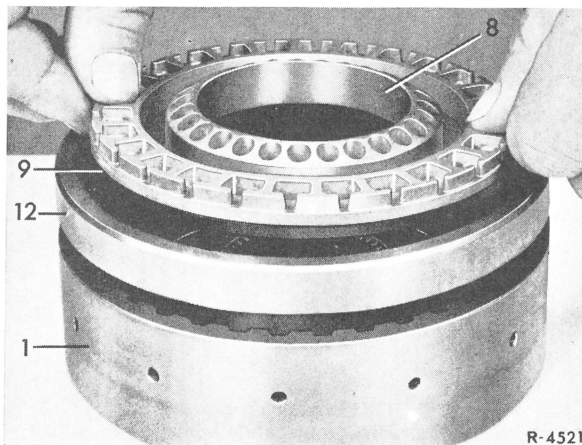


Fig. 7

1 Supporting flange
8 Piston

9 Lip sealing ring
12 Introducing ring

10 Lubricate piston (8) and lip sealing rings, introduce and push on housing bottom without canting. Do not use force since this might damage lip sealing ring.

11 Insert compression springs (7) into piston. Position spring retainer (5) in such a manner that each spring is centered in one prominence of the spring retainer (Fig. 4). Do not confuse springs with those of clutch K 2.

12 Mount assembly fixture (4) and push spring retainer carefully and without canting down under press until the circlip (6) can be inserted (Fig. 8).

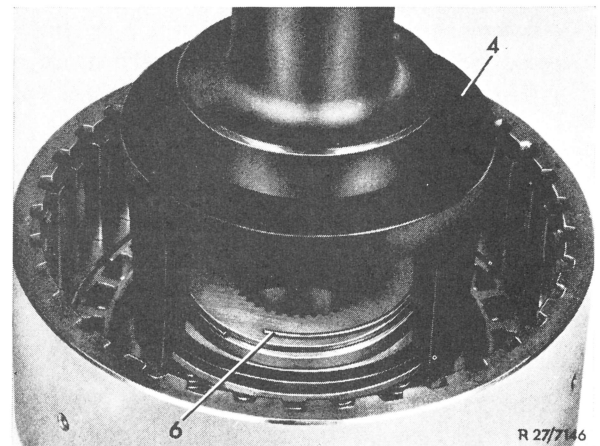


Fig. 8

4 Assembly fixture

6 Circlip

13 Carefully release press and watch out for correct seat of circlip (6).

14 Assemble plate assembly for clutch K 1 according to diagram. Immerse new lining plates first for a short moment in an ATF-oil bath.

15 Insert plate assembly in outer plate carrier.

16 Insert undulated circlip (2) into groove and push down into groove with screw driver (Fig. 1).

Attention! The resilient circlips of clutches K 1 and K 2 are different in spring force and should therefore not be confused.

The circlip of clutch K 1 has 6 undulations.

27.2 Disassembly, Reassembly and Measuring of Clutch K 1

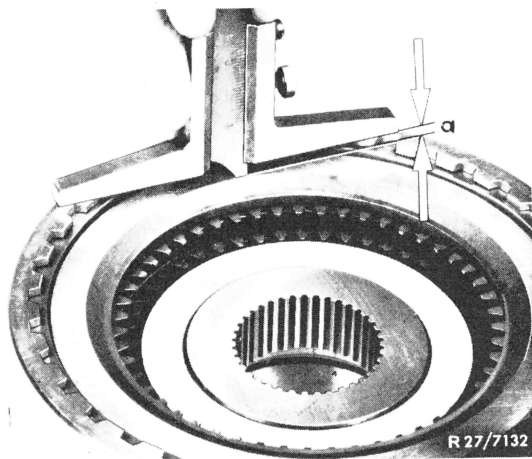


Fig. 9

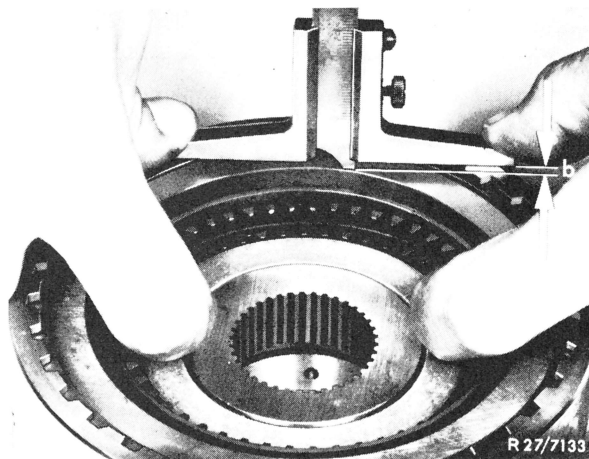


Fig. 10

17 Determine clearance "L" of clutch K 1. For this purpose, measure distance "a" (Fig. 9) and distance "b" (Fig. 10), with a depth gauge and determine "L". $L = a - b$.

18 When measuring distance "a", place measuring point of depth gauge only lightly on plate assembly.

19 For measuring distance "b", push outer plate completely upwards (Fig. 10).

Attention! The clearance can be optionally adjusted by means of compensating washers placed on piston or by means of the outer plates, which are available 4.5 and 5.0 mm thick.

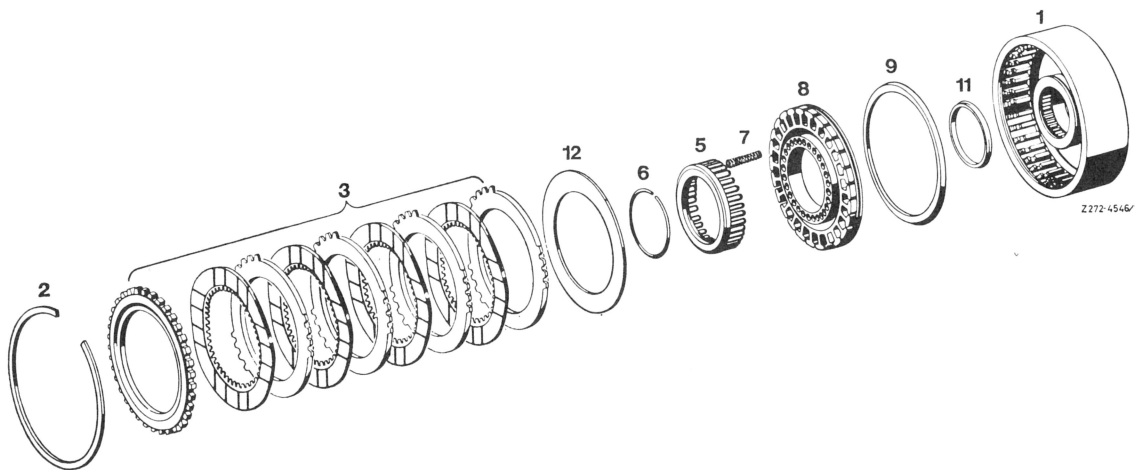


Fig. 11

Clutch K 1

1 Supporting flange
2 Undulated circlip
3 Plate assembly

5 Spring retainer
6 Circlip
7 Return springs

8 Piston
9 Lip sealing ring

11 Lip sealing ring
12 Compensating washer