

I. Repair of Vibration Damper

Models 220 a, 219, 220 S and 220 SE

For removal, disassembly, reassembly and installation procedures see Job No. 01-4, Section N, II.

1. After disassembling the vibration damper, check all parts for wear.

The shear blocks (7) should always be replaced if they have been in use for some time. Scored or cracked contact disks (4) should also be replaced.

2. Check the pressure springs (6) according to the table below.

3. Carefully smooth down the friction surfaces of the flywheel rings (5), the counterweight (2) and the pulley (8) using emery cloth No. 50. If the friction surfaces are badly worn, the affected part must be replaced.

4. If the contact ring (9) shows spot-like scorings which are due to rapid oscillating movements of the flywheel rings (5) the pulley with the mounted contact ring must be replaced.

External diameter mm	Wire gage mm	Free length mm	Length mm	Under load kg
17.5	2.5	27.3	19	20±1.5

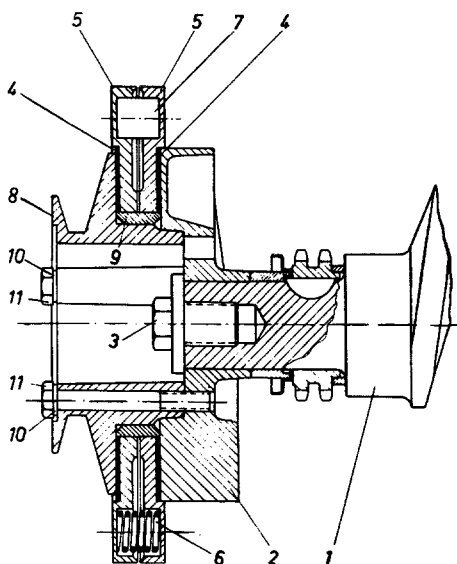


Fig. 03-5/13

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|-----------------------|------------------|
| 1 Crankshaft | 7 Shear block |
| 2 Front counterweight | 8 Pulley |
| 3 Shoulder screw | 9 Contact ring |
| 4 Contact disk | 10 Spring washer |
| 5 Flywheel ring | 11 Fixing screw |
| 6 Pressure spring | |