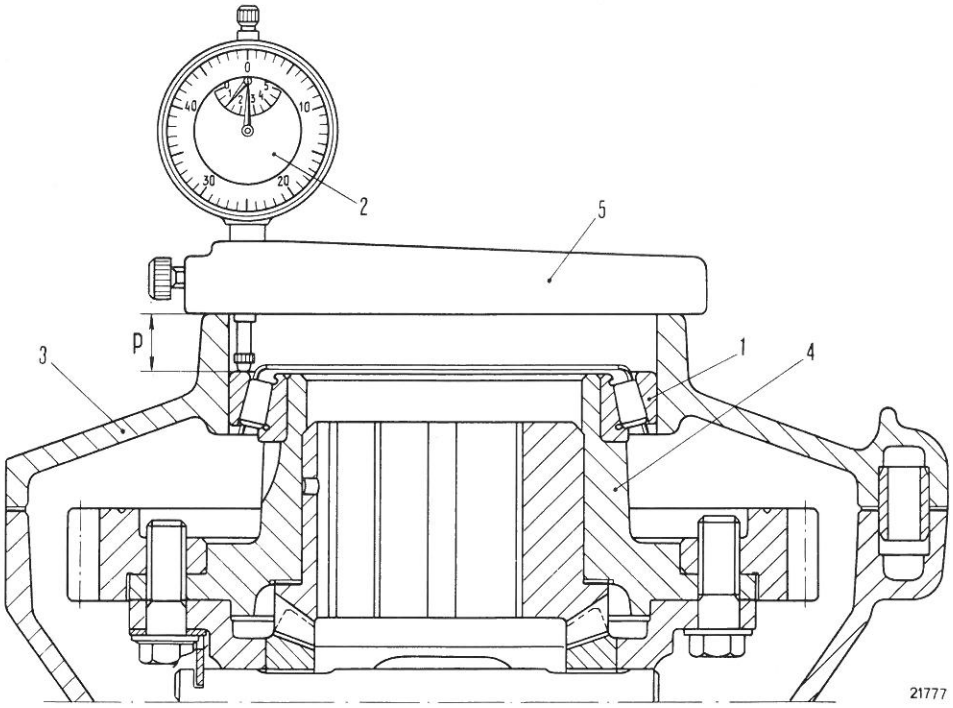
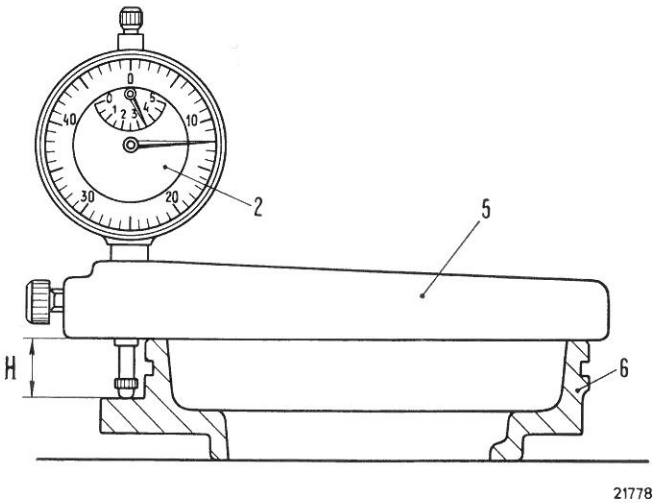




Ermittlung der erforderlichen Stärke der Ausgleichringe für die Differentiallager.

1. **Rollenlager.**
2. **Messuhr mit 1/100-Teilung.**
3. **Stützflansch des Getriebegehäuses.**
4. **Differentialkorb.**
5. **Lehre A. 95655.**
6. **Deckel.**

P = Tiefenmass zwischen Aussenring des Rollenlagers (1) und Deckelauflagefläche (6).

H = Deckelhöhe.

Stärke der Ausgleichringe:

$$S = P - H + 0{,}08 \text{ mm}$$

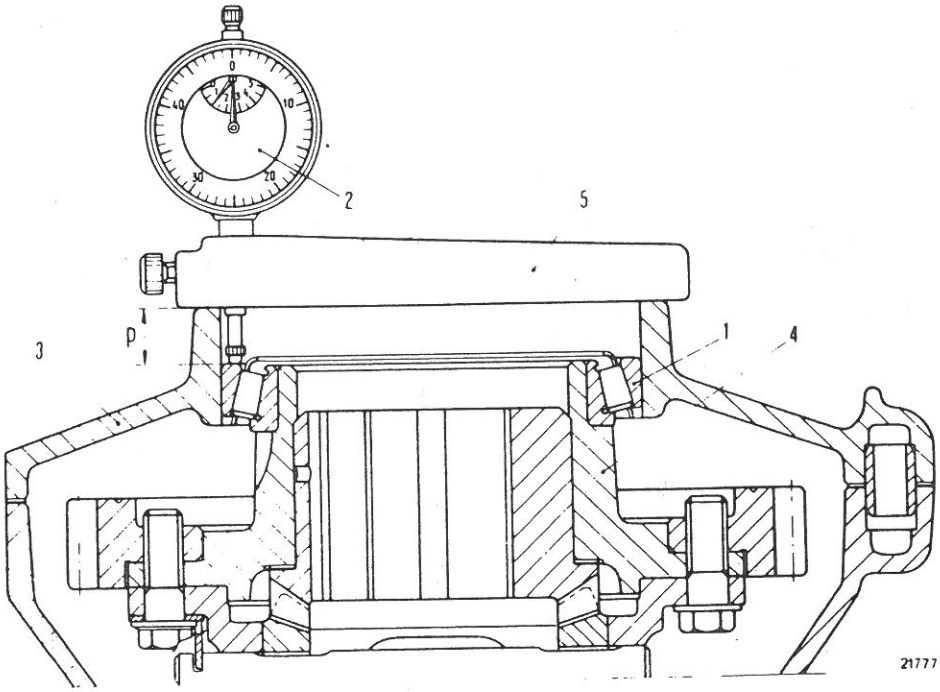
WICHTIG! - Vor der Ablesung des Masses « P » müssen die Lager mit 350 kg Axiallast belastet werden, damit sie sich richtig setzen.

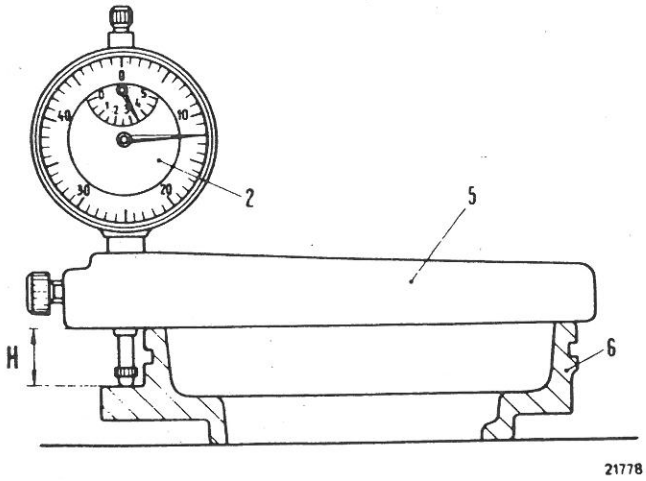
re A.95655 is available, apply a load of 770 lbs. (350kg) to settle bearings. Place fixture A.95655 with dial indicator on for sealing cover. Set dial indicator finger against outer ring of bearing. Zero indicator.

t changing the indicator, place fixture on sealing cover with finger on cover and case surface. Value on indicator is differ- tween distance "P" and height "H".

0031 in. (0.08mm) to value on indicator to determine thickness of shims. Choose a shim with a thickness as close as pos- this value.

Shims are supplied in the following thicknesses; 0.0196, 0.0236, 0.0275, 0.0315, 0.0354, 0.0394, 0.0433 in. (0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.10mm).





1. Bearing 2. Dial indicator 3. Transmission case 4. Differential case 5. Tool A.95655 6. Sealing cover

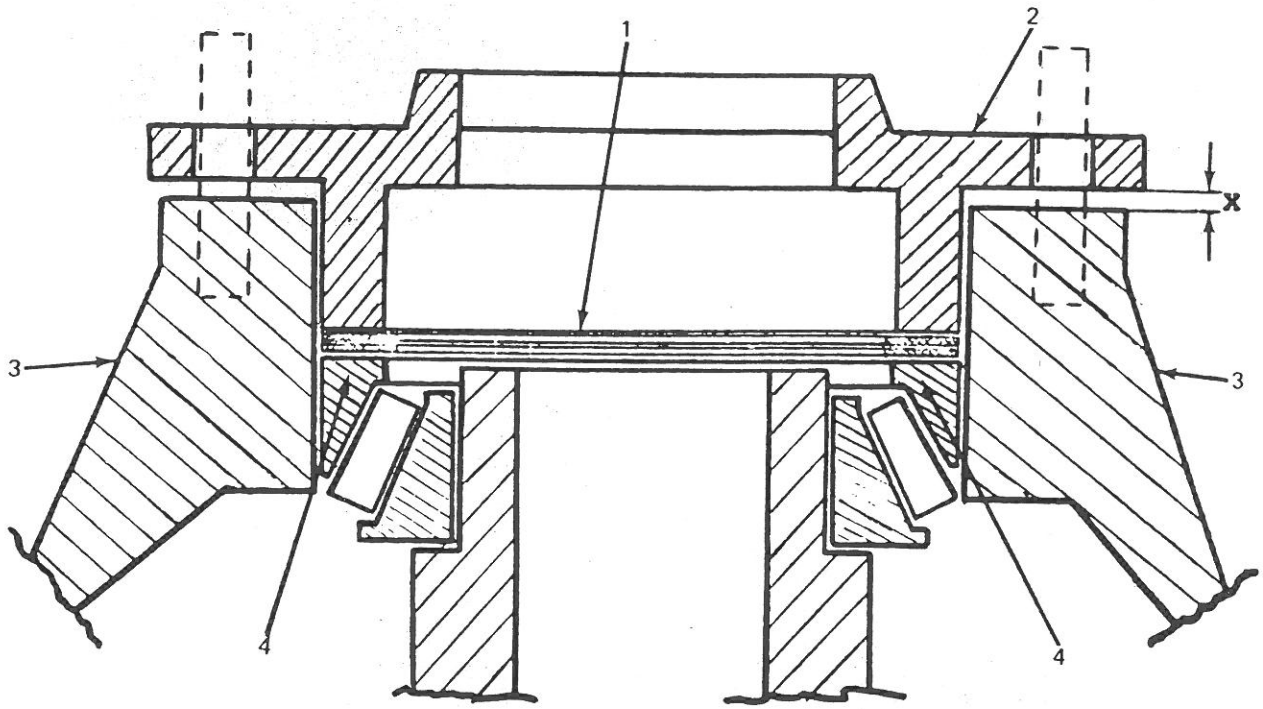
P = Distance between mounting surface for cover (6) and outer ring of bearing (1).
H = Height of sealing cover.

DIFFERENTIAL BEARING SETTING

NOTE: Bearing preload must not be changed unless the bearings or transmission housing has been replaced.

The bearing on the differential must be preloaded. Preload is obtained by placing shims between outer ring of the bearing and the sealing cover. To set preload, do one of the following:

If fixture A.95655 is not available, place outer ring of carrier bearing in its seat. Place shims on top of bearing. Place retaining flange on shims. Using feeler gauge measure clearance between flange and transmission housing. If clearance is not 0.003 to 0.005 in. (0.08 to 0.12mm), add or remove shims to obtain this clearance. Install two nuts on studs thru flange and tighten nuts. Turn transmission one full turn to set bearings. Loosen nuts and check clearance. Install nuts on studs. Torque nuts to 18 ft. lbs. (2.5kgm).



1. Shims 2. Retaining flange 3. Transmission housing 4. Bearing