

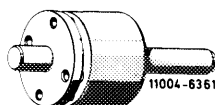
03-440 Static balancing of flywheel

Data

Flywheel for	Balancing holes max. drilling depth	Drill dia.	Hole circle dia.
manual transmission	25	11 9	270 or 242 270
automatic transmission	drilled-through	11 9	251 252

Special tool

Balancing mandrel
(flywheel for automatic and
manual transmission)



617 589 00 63 00

Conventional tool

Rotating fixture for static balancing

made by Dionys Hofmann, D-7470 Albstadt 3
model ABL-50

Note

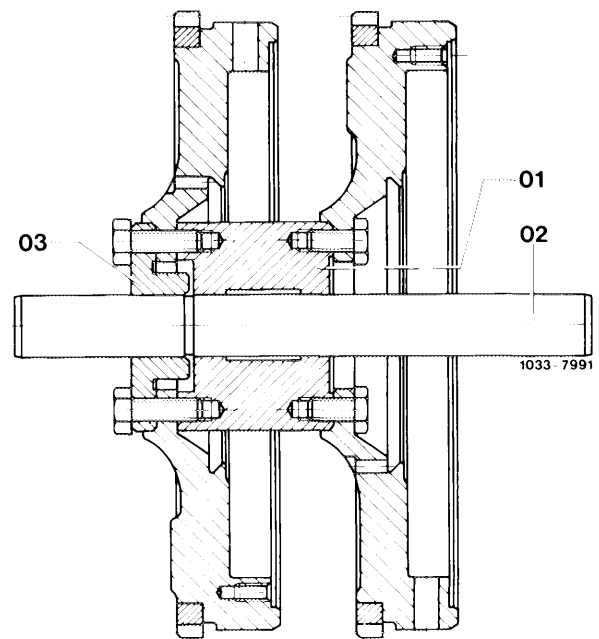
Crankshaft, balancing disc and flywheel are balanced together.

The new flywheel should therefore be set to the same balancing condition as the removed flywheel.

Static balancing

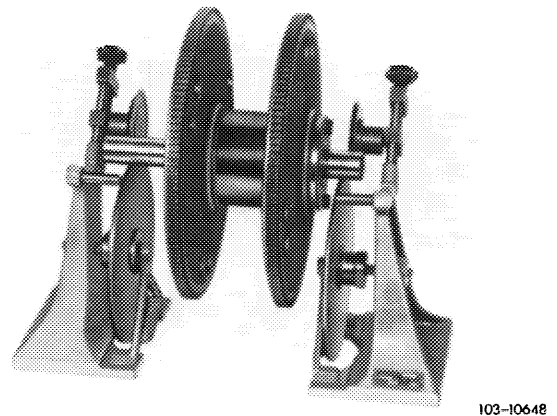
1 Place old and new flywheel one above the other in such a manner that all the holes are in alignment and both clutch surfaces are facing in one direction.

2 Insert balancing mandrel and screw on new flywheel offset by accurately 180° in relation to old flywheel.



- 01 Mounting
- 02 Shaft
- 03 Centering disc

3 Let balancing mandrel with both flywheels come to rest on rotating fixture.



4 If an unbalance shows up, drill enough holes into heavier side of new flywheel until the flywheels remain at rest in any position without swinging.

Attention!

The hole circle dia., the drill dia. and the max. drilling depth must be maintained.

Do not drill into dust holes (arrows).

