

ETA CAL. 11½" 2892-2
INTERMEDIATE REDUCTION WHEEL

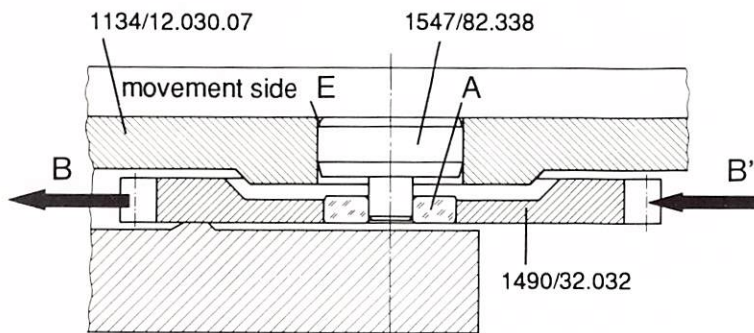


Fig. 1

NEW

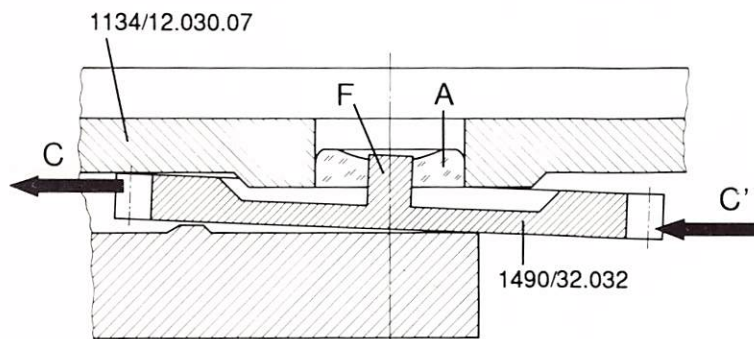


Fig. 2

OLD

New concept for the bearing

Following various analyses and tests and on the basis of the resulting conclusions, we have improved the position of the bearing.

By moving the jewel A of the frame of the automatic mechanism 1134/12.030.07 to the intermediate reduction wheel 1490/32.032, it was possible to stabilize the level of load at the height B-B' (see fig. 1) during the transmission of power from the reduction wheel to the ratchet wheel driving wheel.

Thanks to the new concept, an occasional inclined position which causes braking at the C-C' level (see fig. 2) is avoided.

Flexibility of the new concept

In order to carry out this change both in old movements and in the current series, a steel stud 1547/82.338 with the same diameter as the jewel is driven into the hole in this last part. The stud needs to be driven in in such a way that, on the movement side, it is flush with the frame E (see fig. 1) so that the vertical clearance of the intermediate reduction wheel 1490/32.032 is adjusted exactly.

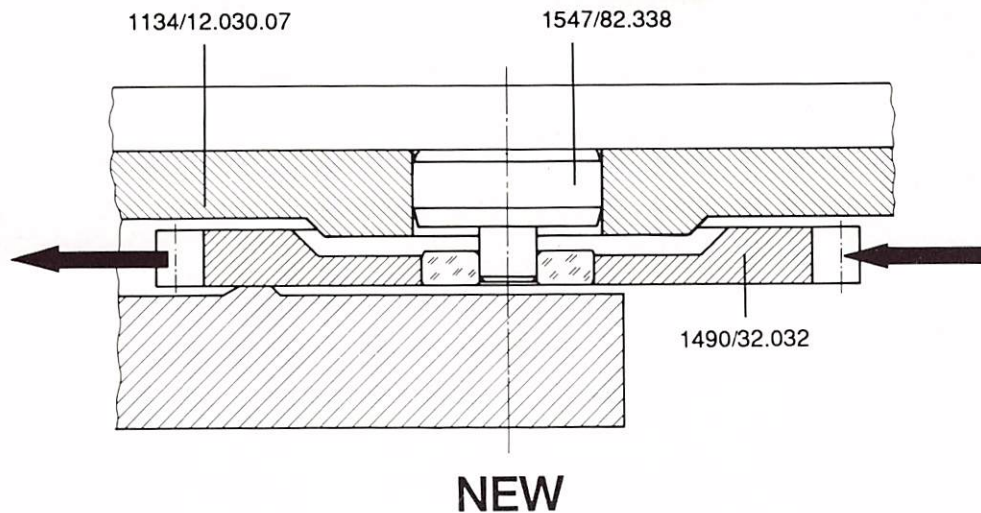
Greasing the bearing

The stud of the intermediate reduction wheel 1547/82.338 made of steel should be lubricated with thick Moebius 8200 oil or D5 grease.

Delivery of the new components

End of 1991.





Rule for after-sales service for the parts based on the new concept

The correction is being made without changing the calibre number.

The new components are interchangeable for:

11 1/2"	2892-2	12 1/2"	2892
11 1/2"	2890-2		
11 1/2"	2890-9		

To avoid faulty assembly, it is important to observe the following rule :

1. Intermediate reduction wheel 32.032 (1490)

If a customer wishes to have this article, we will supply him at the same time and in addition with a steel stud 1547/82.338. If the customer still has some frames 12.030.07 (1134) with a jewel, this can be extracted and replaced with the steel stud.

2. Automatic frame 12.030.07 (1134)

If a customer wishes to have this article, we will supply him at the same time with an intermediate reduction wheel 32.032 (1490) with a jewel, to replace the one fitted with a pressed stud F.



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