

LE COULTRE

For the Workshop

SUPPLEMENTARY REPAIR NOTES

CALIBRE No. 825
MEMOVOX
alarm wristwatch
AUTOMATIC
CALENDAR



CHARACTERISTICS:

Basic movement

- As for calibre 815

Calendar movement

- Aperture at 3 o'clock.
- Safety lock to prevent accidental rotation of the date indicator.
- Rapid date setting by alternate rotation of the winding stem. (hands between 23 hrs. and 2 hrs.)

Numbers in a circle – for example ① – attached to the guide lines of different figures indicate the order in which the pieces should be reassembled. To dismanile, proceed in the opposite order. The name of each piece and the number following after it are the exact descriptions of the spare parts and correspond to those used in the «Dictionnaire Technologique des Parties de la Montre», published by the F.H. (see the LeCoultre catalogue of spare parts).

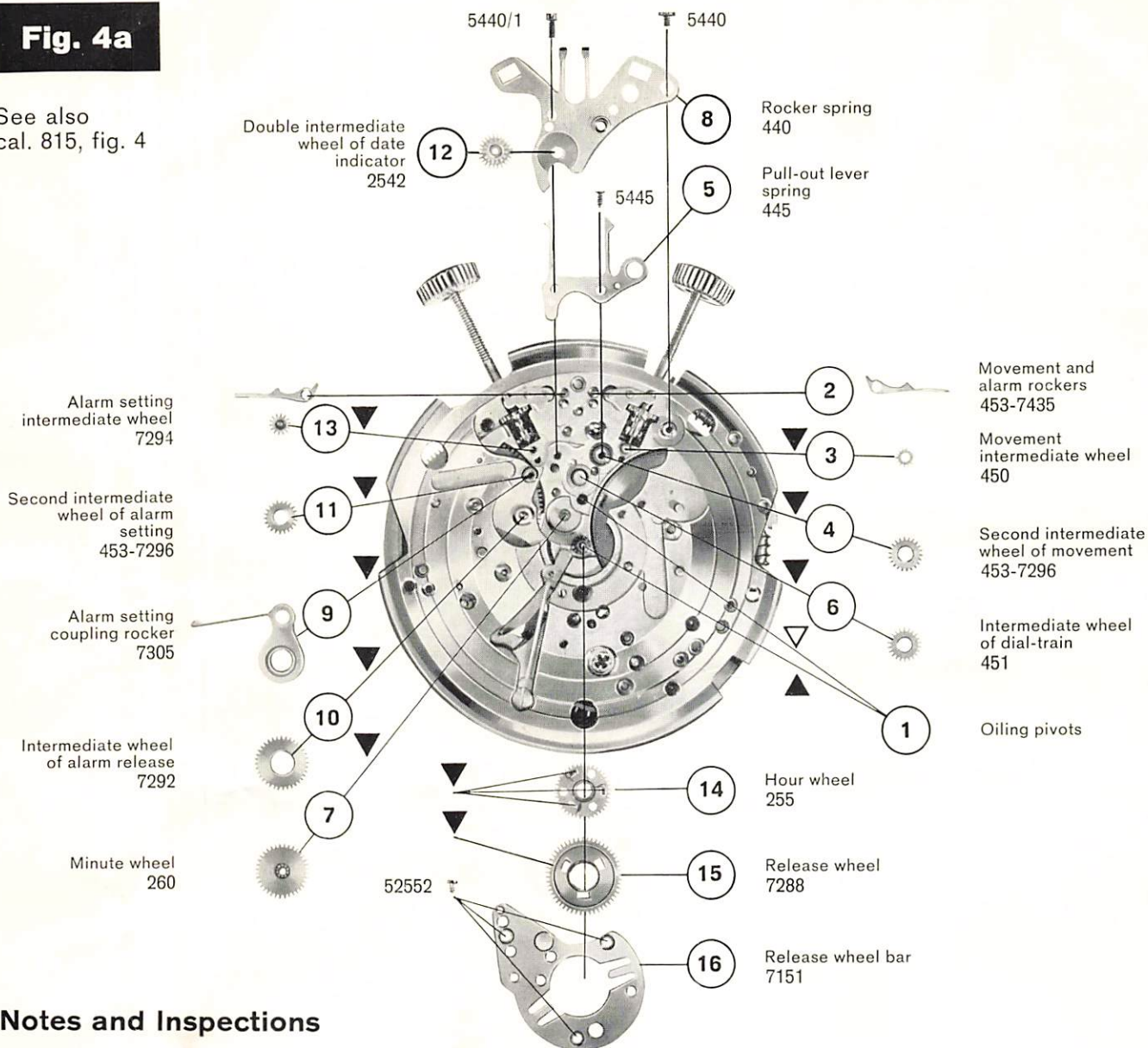
IMPORTANT

- Refer to the Repair Instructions for Calibre 815, figures 1, 2, 3, 6 and 7.
- Numbers 4a and 5a in these instructions replace numbers 4 and 5 in the Calibre 815 instructions.

Assembling the Alarm and Hour Setting Mechanism

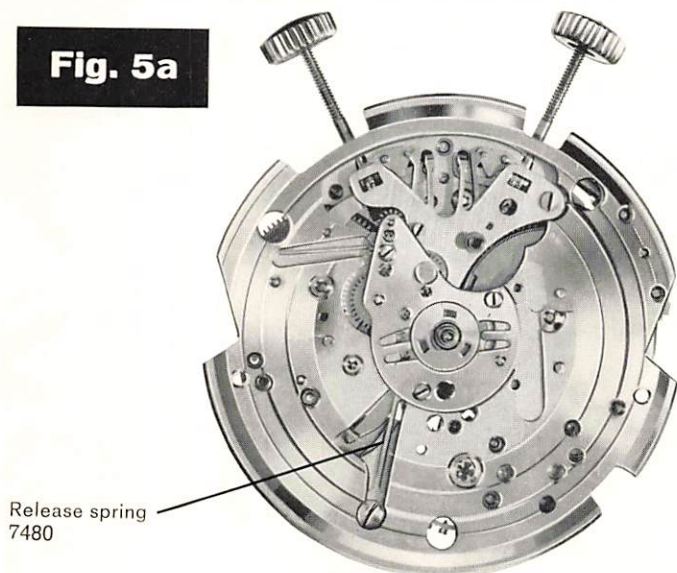
Fig. 4a

See also cal. 815, fig. 4



Notes and Inspections

Fig. 5a

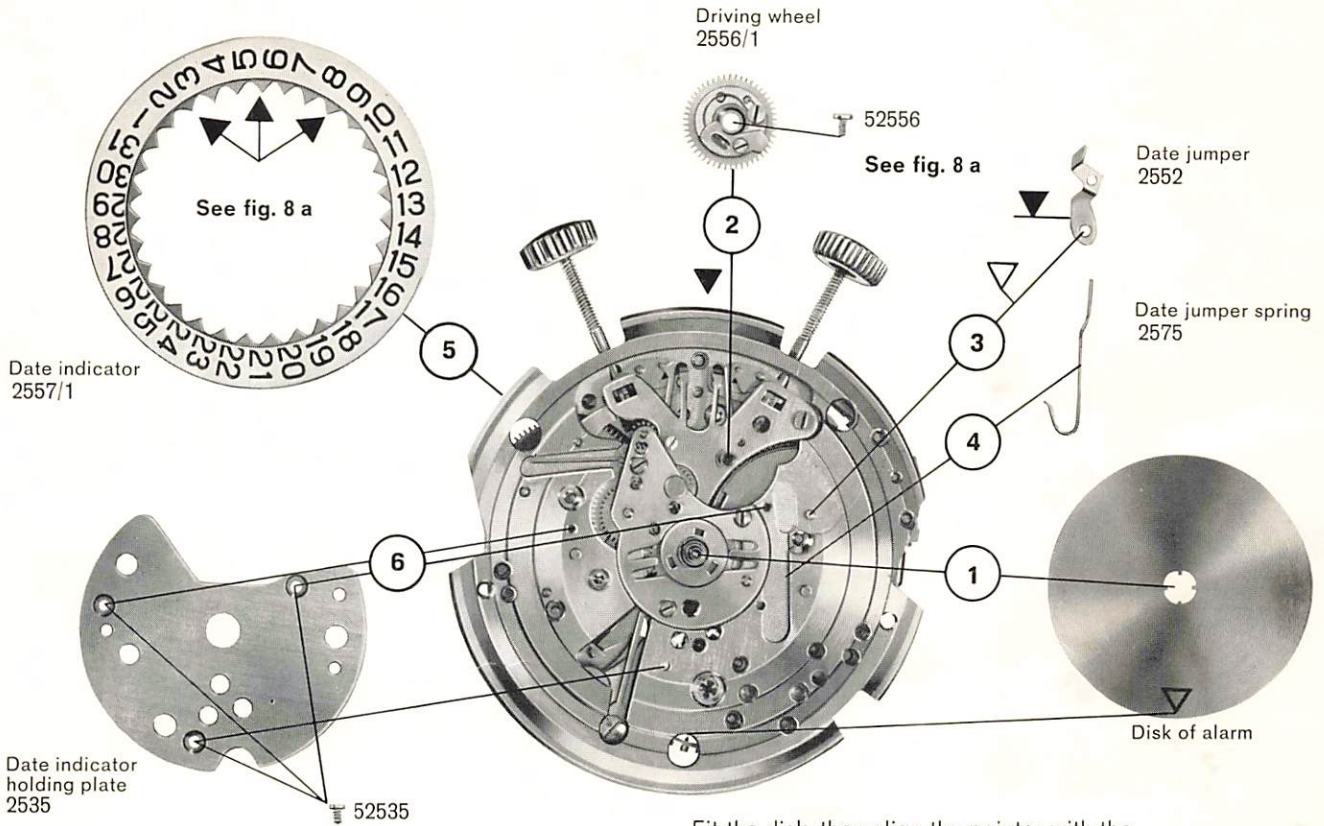


- 1 The release spring 7480 must be well-centred in its recess to allow it to work over the whole of its length.
- 2 Pull out the movement winding stem and test the hour setting in both directions.
- 3 Test likewise with the winding-stem of the alarm. Note that this moves the release wheel in one direction only.
- 4 Inspect the alarm brake by pulling out the alarm winding-stem whilst the alarm is sounding

Assembly of Calendar Mechanism

To carry out the assembly of the calendar movement, the main spring must be let down.

Fig. 8

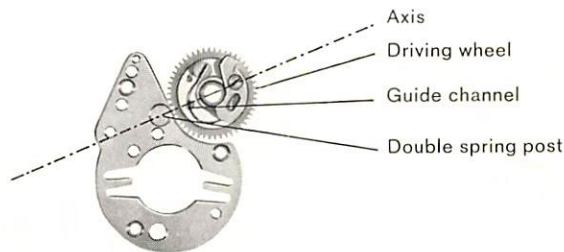


Fit the disk, then align the pointer with the movement centre-working aperture by turning the movement stem in an anti-clockwise direction. Remove the disk.

Instructions for Assembly of Calendar Mechanism

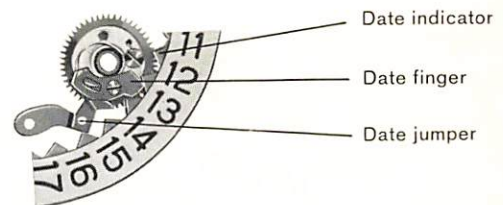
Fig. 8a

Fitting the Driving Wheel



Align the driving wheel with the center wheel – guide channel – double spring post.

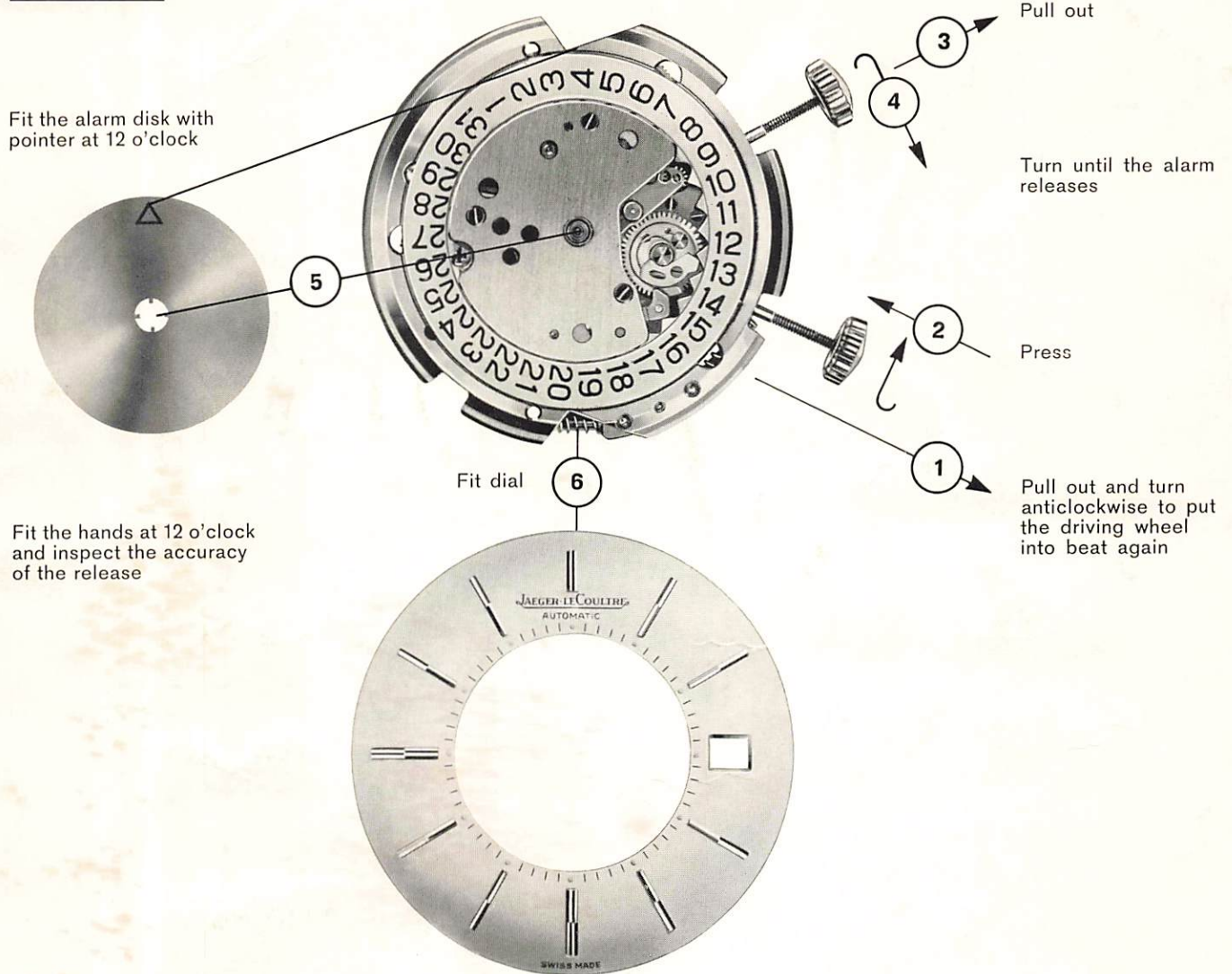
Fitting the Date Indicator



Fit the date indicator with the finger and the jumper in working position.

Fitting the Dial and Hands

Fig. 9



Lubrication of Calendar Mechanism

- Bearings:  Fine oil
- Moving parts:  Liquid grease

Notes concerning the lubrication of moving parts

- 1 Date indicator: grease a few teeth with the aid of a wooden pin.
- 2 Date jumper: lightly grease the support of the date jumper spring.