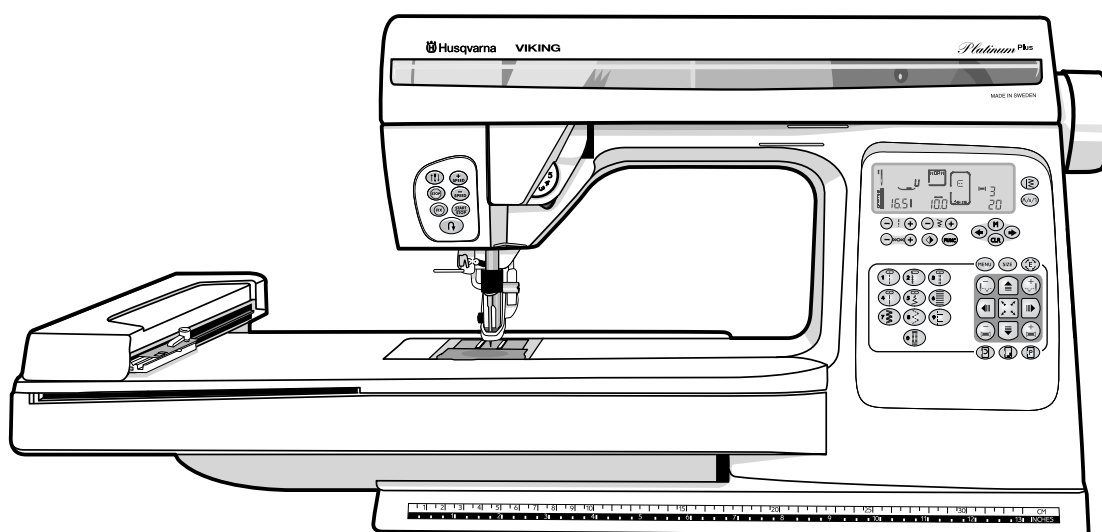


SERVICE MANUAL



Platinum 770 Platinum Plus

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Directions for use

These service instructions are intended to be used by service workshop personnel, or by salesmen who carry out servicing their own districts. They assume a thorough knowledge of the handling of precision appliances and accessibility to service tools.

The manual is divided into two sections and covers all service operations and checks which should be carried out when making a complete overhaul of a sewing machine.

The first section deals with the various settings which must be maintained to ensure that the machine functions satisfactorily.

The second section covers dismantling and mounting instructions.

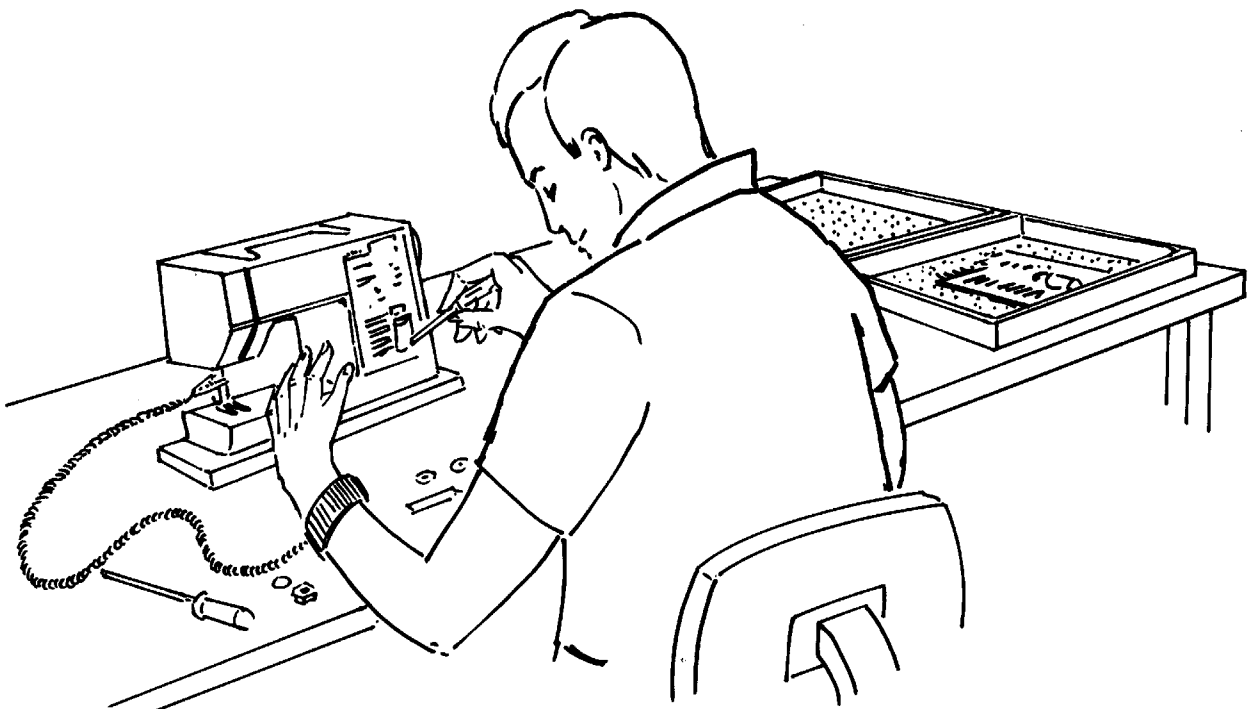
The diagrams only give indication as to where the detail or mechanism is located in the machine. For more detailed information regarding the construction, etc., refer to the diagrams in the spare parts list.

ESD

ATTENTION!

It is of the utmost importance that precautions are being taken in order to avoid damage of the electronics by electro static discharges ESD (=Electro Static Discharge). To avoid that these errors arise it is important to handle loose circuit boards in a controlled way.

Always use wrist band 412 23 02-01 when servicing.

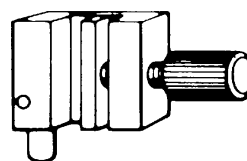


Service tools

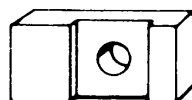
A reasonable requirement in a domestic sewing machine is that it should be able to sew all types of fabrics used in the home. The settings made when assembling and sewing in the machines are those most suited to give the best results in the majority of fabrics and fabric combinations. In doing so, consideration has been given to the requirements of different markets. This does, however, mean that when sewing extreme fabrics, better results may be obtained in certain cases by altering the settings. It must be pointed out that these altered settings can cause poorer results on more normal fabrics. How the different standard ratings are set can be seen from the description under each setting instruction. The following list of setting gauges and service tools is intended as an instruction about the special service tools needed to servicing this machine.

1. On several different occasions the needle is used as a setting gauge.
The setting ratings are adapted to needle 90.
Make sure to use an undamaged needle.

2. Gauge for setting the timing of the hook in relation to the needle .
Ref. No 411 17 52-01.



3. Gauge for the feed dog lift.
Ref. No 411 49 93-01.

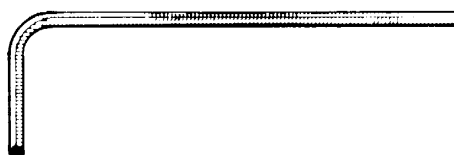


4. Gauge for the needle height .
Ref. No 412 35 29-01.



5. Alan key - Shortened 2.5 mm
Ref. No 412 27 65-01

6. Alan key 2 mm
Ref. No 411 86 00-01



7. Alan key 1.5 mm
Ref. No 411 66 89-01

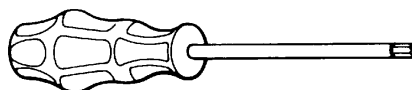
8. Distance gauge 0.05-1,00 mm
Ref: No. 412 38 85-01



9. Angel key Torx 6
Ref No 412 27 67-01

10. Screwdriver Torx 10
Ref. No 412 36 48-01.

11. Screwdriver Torx 20
Ref. No 412 36 49-01.



12. Screwdriver Torx 25
Ref. No 412 36 50-01

13. Service DVD Platinum Plus , Platinum 770
Ref. No 412 84 94-01

SETTINGS

