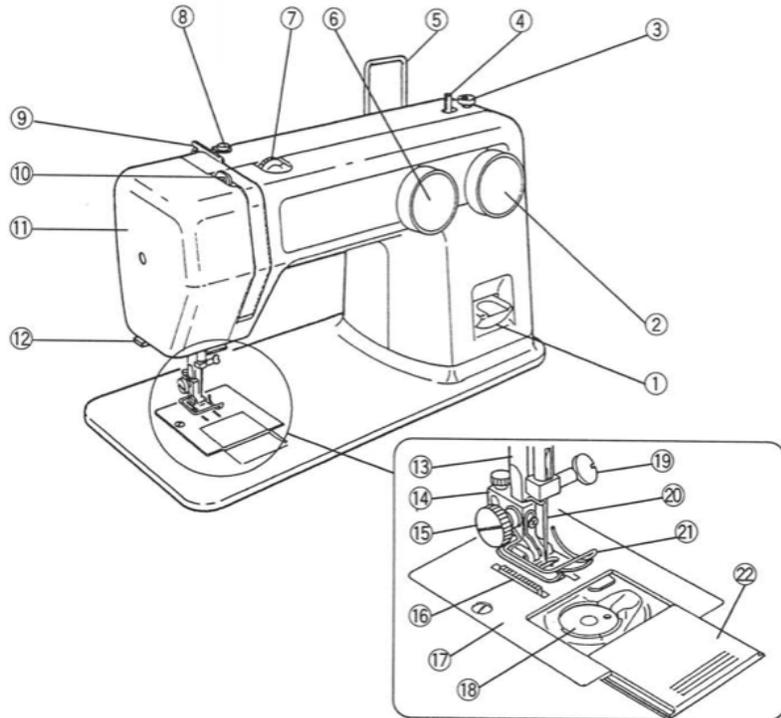


Sewing Machine Parts and their Jobs

Janome Classmate S750

• Names of Parts

1. Reverse stitch lever
2. Stitch length dial
3. Bobbin winder stopper
4. Bobbin winder spindle
5. Spool pin
6. Pattern selector dial
7. Thread tension dial
8. Bobbin winder thread guide
9. Upper thread guide
10. Thread take-up lever
11. Face plate
12. Thread cutter
13. Presser bar
14. Foot holder
15. Presser foot thumb screw
16. Feed dog
17. Needle plate
18. Bobbin
19. Needle clamp
20. Needle
21. Finger guard
22. Slide plate



2

Hand Wheel: (aka balance wheel) controls the movement of the take up level and the needle. It turns as the machine runs. You can move the needle up and down by turning the wheel toward you with your hand.

Bobbin Winder Thread Guide: guides the thread when filling the bobbin with thread.

Spool Pin: holds the spool of thread.

Switch Width Dial: controls the width of zigzag stitching. It also positions the needle for straight stitching. Also known as a pattern selector. **Pattern selector:** allows you to choose decorative or sewing stitches.

Thread Guide: lead the thread to the needle.

Thread Take-up Lever: control flow of needle thread. It must be at its highest position each time you start to sew. If it is not, the thread will be pulled up and away from the needle as the lever rises and you will have to thread the needle again. It also must be at

Sewing Machine Parts and their Jobs

its highest position when you end a line of stitching. If not, you may have difficulty removing the fabric from under the presser foot.

Face Plate: swings open for access to movable parts and light on some machines.

Thread Tension Dial: lets you set the tension for your particular project. Your fabric, stitch and thread will determine the tension setting you need.

Presser Foot: holds fabric against feed system teeth.

Feed Dog: moves fabric under the presser foot.

Needle Plate: guidelines to help you sew straight, even seams. Also supports the fabric during sewing. Miss Pedeliski also calls this the throat plate.

Needle Clamp: holds the needle in place.

Stitch Length Dial: regulates the length of the stitches.

Reverse Button: lets you stitch backwards by pushing the button and the Foot Controller at the same time.

Presser Foot Lifter: allows you to raise and lower the presser foot. (not pictured)

Thread Cutter: on the back of the presser bar, used to cut the threads.

Bobbin Case: plate covers the bottom and bobbin area.

Foot Controller: (aka foot pedal or “gas”) used to operate the machine. Press down on it to stitch. The harder you push it down, the faster your machine goes.

Power Switch: turns on the machine and sewing light at the same time.

Bobbin: small spool of thread that gets placed in the bobbin case. “the bottom thread”

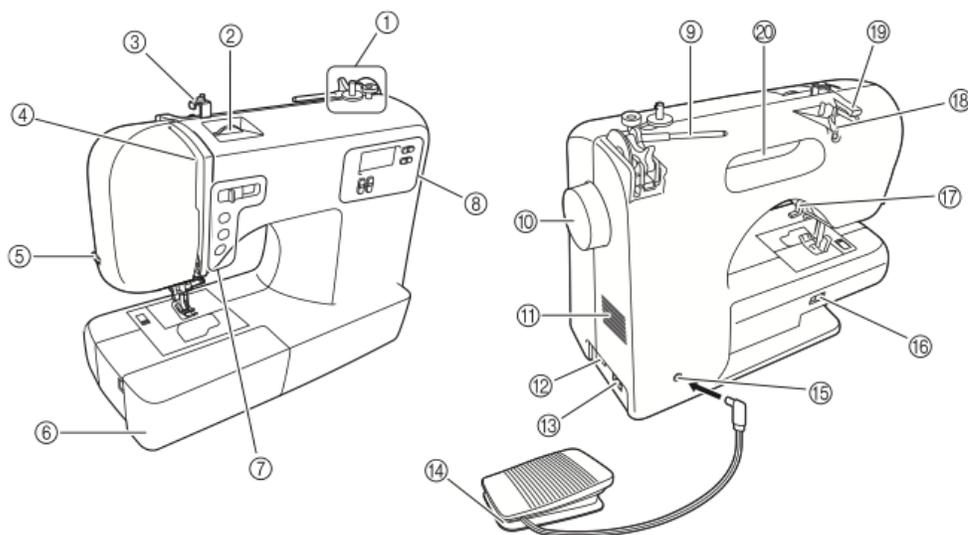
Needle: used with thread and a bobbin thread to make stitches.

Bobbin Winder Pin: used when winding a bobbin, where the bobbin sits to be wound.

Bobbin-Winder Stop: automatically stops winding a bobbin as soon as enough thread is on the bobbin.

Sewing Machine Parts and their Jobs

Brother Project Runway



- ① **Bobbin winder (page 15)**
This winds the thread onto the bobbin for use as the lower thread.
- ② **Upper tension-control dial (page 41)**
This controls the tension of the upper thread.
- ③ **Bobbin-winding thread guide and pretension disc (page 15)**
Pass the thread under this thread guide and around the pretension disc when winding the bobbin thread.
- ④ **Thread take-up lever (page 25)**
- ⑤ **Thread cutter (page 40)**
Pass the threads through the thread cutter to cut them.
- ⑥ **Flat bed attachment with accessory compartment (page 7 and 44)**
- ⑦ **Operation buttons (page 9)**
The operation buttons differ depending on the sewing machine model.
- ⑧ **Operation panel (page 10)**
This is used to select the stitch and specify the various settings. Design and position of the operation panel differs depending on the sewing machine model.
- ⑨ **Spool pin (page 10, 15 and 23)**
This holds the spool of thread.
- ⑩ **Handwheel**
This is used to manually raise and lower the needle.
- ⑪ **Air vent**
This vent allows the air surrounding the motor to circulate. Do not cover the air vent while the sewing machine is being used.
- ⑫ **Main power and sewing light switch (page 12)**
You can turn the main power and sewing light switch on and off.
- ⑬ **Jack/socket connector (page 12)**
Insert the plug on the power supply cord into the jack/socket connector.
- ⑭ **Foot controller (page 13)**
You can use this to control the sewing speed, and to start and stop sewing.
- ⑮ **Foot controller jack/socket (page 13)**
Plug in the foot controller plug.
- ⑯ **Feed dog position lever (page 55 and 65)**
Use the feed dog position lever to lower the feed dogs.
- ⑰ **Presser foot lever (page 23)**
This is used to raise and lower the presser foot.
- ⑱ **Thread guide (page 16 and 25)**
This is used when winding the thread onto the bobbin and then threading the machine.
- ⑲ **Thread guide cover (page 17 and 23)**
Pass the thread under this thread guide when winding the bobbin thread and threading the machine.
- ⑳ **Handle**
Carry the sewing machine by its handle when transporting the machine.