A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

Digitized by Google

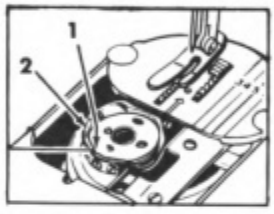
Original from
UNIVERSITY OF VIRGINIA

2. How to Thread Bobbin Case

- Have take-up lever at its highest point.
- Open slide plate.

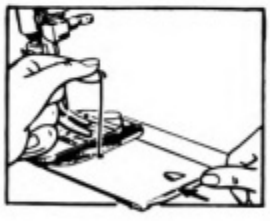
- Hold bobbin as shown.

- Place bobbin in case.
- Draw thread into Slot 1 and under Spring 2.



- Draw thread into notch on case.
- Pull about 3" of thread across bobbin.

- Close slide plate.
- Allow thread to enter notch.



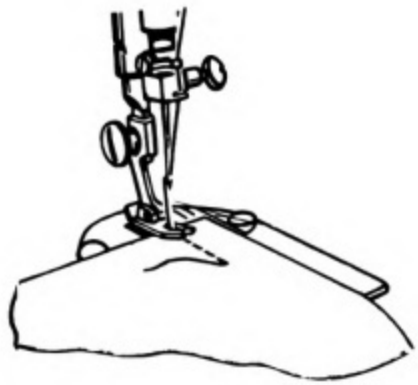
STUDENTS DO:

Wind bobbin and thread bobbin case.

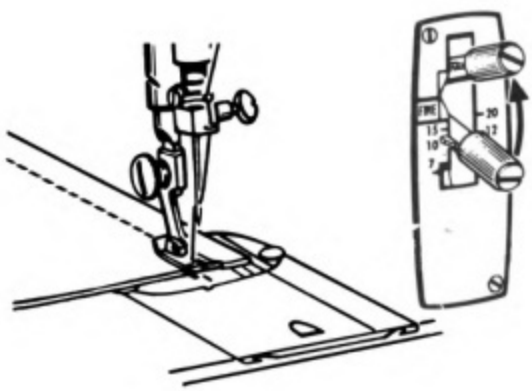
NOTE: There are many different bobbin winders and bobbin cases. Turn to threading chart pages at back for pictures of other kinds.

Digitized by Google
Original from UNIVERSITY OF VIRGINIA

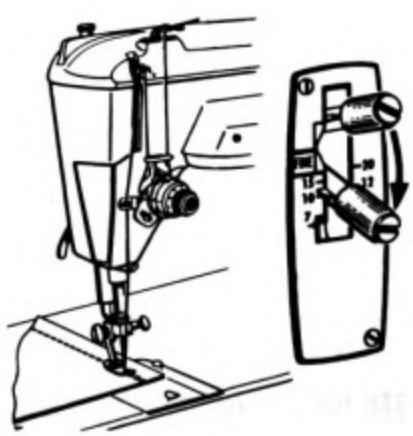
- Backstitch to edge of seam.
- Stop machine.
- Lower stitch regulator to forward.



- Stitch to end of seam.
- Raise stitch regulator.



- Backstitch at end of seam.
- Lower stitch regulator.



Digitized by Google
Original from UNIVERSITY OF VIRGINIA

STEP 7

HOW TO REGULATE STITCH LENGTH

DO THESE THINGS BEFORE YOU BEGIN TO TEACH

- Student threads sewing machine
- Give student 2 pieces fabric for practice

INSTRUCTOR TELLS AND SHOWS:

1. Most sewing machines have numbers on the stitch regulator.

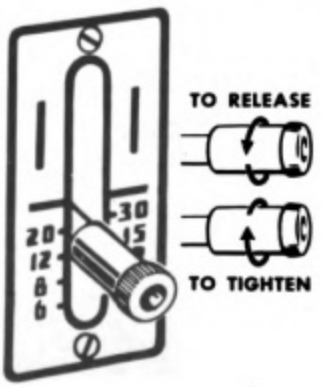
   - Numbers such as 6, 8, 10, 12, and 20 mean the number of stitches in one inch.
   - The larger numbers are for shorter stitches.
   - The smaller numbers are for longer stitches.
   - Stitch on fabric to show what you have told your student.
   - Measure and mark 1 inch, and count the stitches.

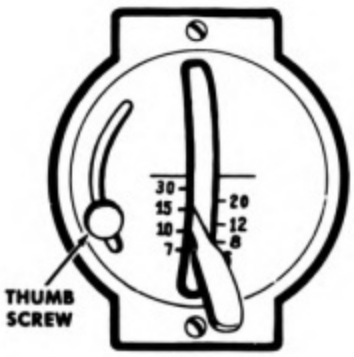
2. A 12 stitch length is used for most things you will sew -

   - 15 stitch is used for lightweight fabrics.
   - 10 stitch is used for heavy fabrics.
   - 6 stitch is used for sewing machine basting.

3. How to change stitch length on different kinds of sewing machines.

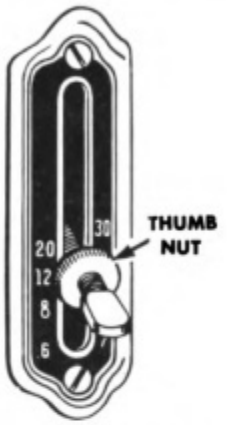
   - Turn thumb screw or thumb nut to left to loosen...Move lever to number for stitch length...Tighten screw.

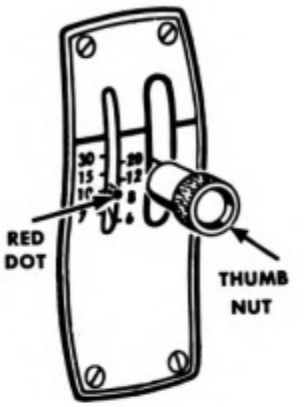




Digitized by Google
Original from UNIVERSITY OF VIRGINIA

Turn left to loosen - right to tighten





4. Some sewing machines do not have numbers on the stitch regulator.

   - Turn thumb screw to the right to lengthen stitch, to the left to shorten.
   - Measure and mark 1 inch of stitching and count the stitches. "You will soon know a 12 stitch without counting."

STUDENTS DO:

1. Stitch with 12 length stitch.
2. Mark 1 inch on line of stitching and count stitches.
3. Stitch with 15 length stitch.
4. Stitch with a long stitch for basting.

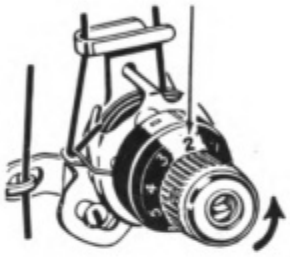
"GOOD CLOTHES ARE STITCHED WITH SHORTER STITCHES THAN CHEAP CLOTHES."
"SHORTER STITCHES HOLD BETTER AND LAST LONGER."

Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

3. How to change top tension

. Turn tension thumb nut to right to tighten top tension.

. Turn tension thumb nut to left to loosen top tension.



"Before you stitch, always test your stitch for tension. Test it on two layers of fabric you are going to sew on."

"Change only the top tension at first to get a good stitch. Don't change the bobbin tension unless necessary."

"Tension setting must be right if you want a strong seam."

"When the stitching is done with the right tensions, the seam is stronger and the stitch looks better."

STUDENTS DO:

Test stitch for tension.

Change top tension to get a good stitch.

Digitized by Google

Original from UNIVERSITY OF VIRGINIA

STEP 11

HOW TO TAKE CARE OF YOUR SEWING MACHINE - WHERE TO OIL INSIDE FACE PLATE & BOBBIN CASE

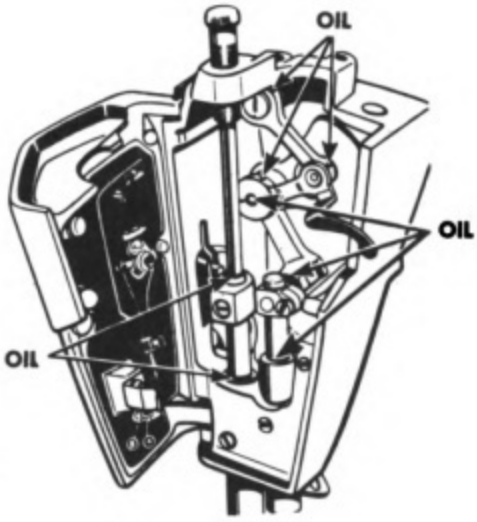
DO THESE THINGS BEFORE YOU BEGIN TO TEACH

- **Complete Step 10**
- **Have a can or tube of sewing machine oil on hand**

INSTRUCTOR SHOWS:

1. **Where to oil inside the face plate**

   - **Each different kind of sewing machine will have different oiling points - but ...**
   - **The rules for oiling are the same.**
   - **Put only 1 drop of oil in each oil hole.**
   - **Turn hand wheel slowly and watch the parts move.**
   - **Then put 1 drop of oil at each place where you see metal moving against metal.**
   - **Raise and lower the presser foot and oil where you see metal moving against metal.**



"Do not use too much oil at one time."

"Put a small drop of oil in each place. Oil often. This will make your machine work better."

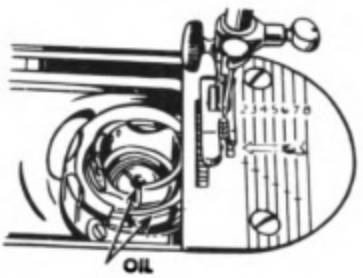
"Always use sewing machine oil." "Many good household oils are too heavy for a sewing machine. They will harden into a sticky mass that harms the machine."

Digitized by Google
Original from UNIVERSITY OF VIRGINIA

2. Where to oil around the bobbin case

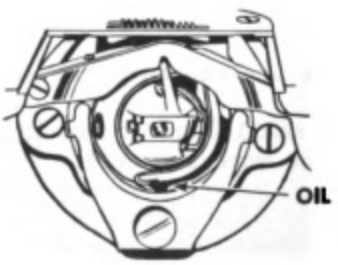
. Look at the bobbin case area.
. Turn the hand wheel slowly and watch the parts move. Oil where one metal part touches another.

Oil here on machines with a drop-in bobbin.



Some machines have a little red felt wick that should be oiled.

Oil here on machines with a removable bobbin case.



STUDENTS DO:

Oil machines, as the instructor has shown.

Digitized by Google
Original from UNIVERSITY OF VIRGINIA

STEP 12

HOW TO TAKE CARE OF YOUR SEWING MACHINE -
WHERE TO OIL UNDERNEATH AND ON TOP

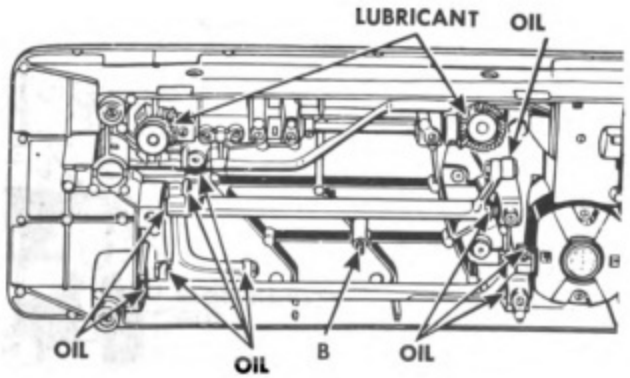
DO THESE THINGS BEFORE YOU BEGIN TO TEACH

- Complete steps 10 and 11

INSTRUCTOR SHOWS:

1. Where to oil underneath machine

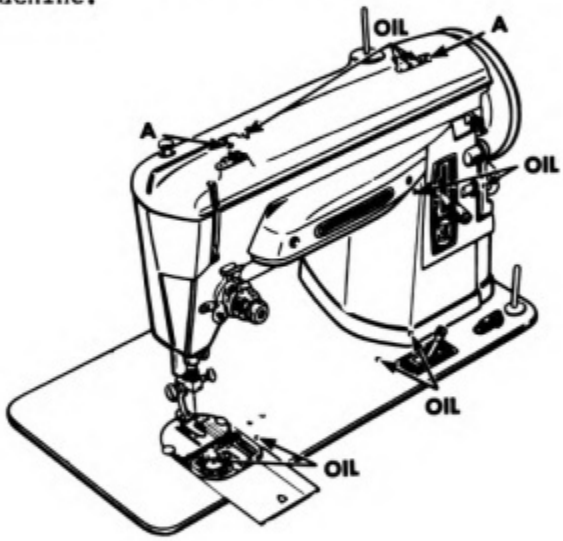
   - How to turn machine back so you can see under the machine bed.
   - Brush out lint.
   - Turn hand wheel a little at a time so you can see the parts move.
   - You will see some oil holes and places where metal moves against metal.
   - Oil all of these places.
   - If your machine has gears, put grease on them. The picture shows the gears where grease should be used. It should be a special sewing machine grease.



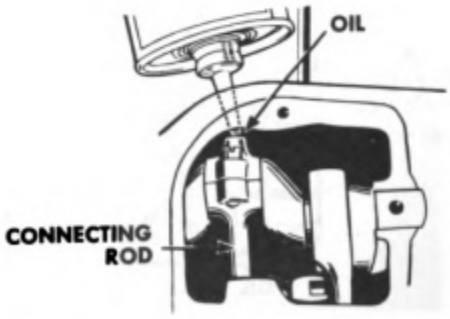
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

2. Where to oil on top of the machine

- Look at the machine and you will see holes or openings. These are oil holes.
- Look at the back of the machine, too, there are some oil holes there.
- Put one drop of oil in each oil hole.
- Some machines have a round metal "inspection plate" on the back of the machine.
- Loosen the thumb screw that holds it and swing it open or remove it.
- Turn the hand wheel until the "connecting rod" is in the position shown, then oil from top of machine.



Where to oil on top of machine

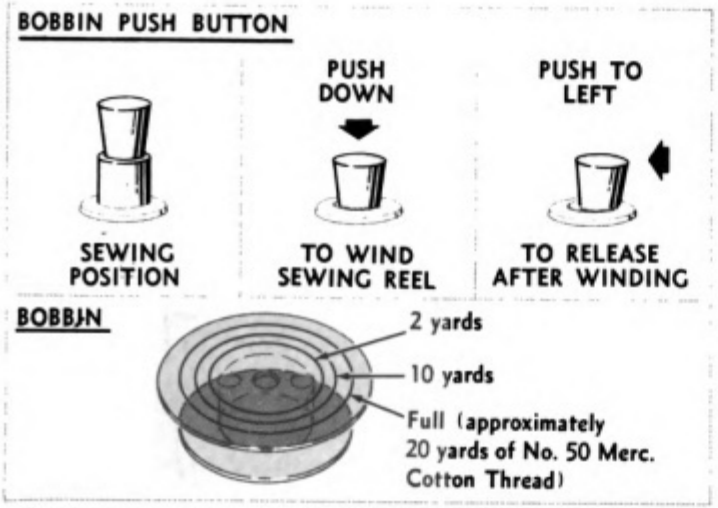


Where to oil the back of some machines

STUDENTS DO:

Oil machines, as the instructor has shown.

Digitized by Google
Original from UNIVERSITY OF VIRGINIA



1. **THREAD MACHINE**
2. **OPEN SLIDE PLATE**
3. **RAISE PRESSER FOOT**
4. **LEAD THREAD** from the needle and wind once around the presser foot thumb screw. Hold end of thread firmly.
5. **DEPRESS BOBBIN PUSH BUTTON** and run machine at a moderate speed. Pull thread end away after a few coils have been wound.
6. **OBSERVE THREAD** as it is wound on the bobbin.
7. **RELEASE** foot or knee from speed controller when bobbin is filled to desired amount. Do not allow thread to wind beyond "FULL" ring on bobbin.
8. **RELEASE BOBBIN PUSH BUTTON** by moving it to the left.
9. **CLOSE SLIDE PLATE.**

Digitized by Google
Original from UNIVERSITY OF VIRGINIA

Digitized by Google

Original from
UNIVERSITY OF VIRGINIA

FEB 10 '68
640
GIFT

Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA

A 1.68:
701

HOW TO TEACH Sewing Machine USE AND CARE

3867

U.S. DEPARTMENT OF AGRICULTURE
FEDERAL EXTENSION SERVICE
PA-701

UNIVERSITY OF VIRGINIA LIBRARY
X030487816
Digitized by Google
Original from
UNIVERSITY OF VIRGINIA