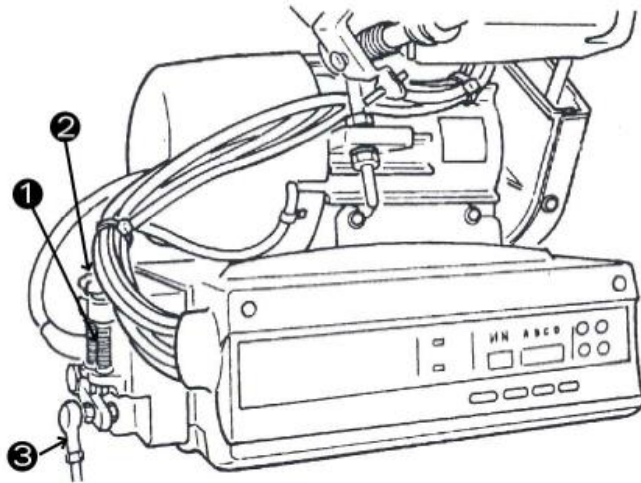


3.1.7.10 Adjusting Pedal Pressure

The pedal is located on the lower tray of the machine. Its task is to control the transmission of the motion from the continuously operating electric motor to the machine at any time.

On machines with one type of pedal system, the knee pad is used to lift and lower the presser foot. Knee pads are generally used in industrial type straight sewing machines.

For machines with a dual pedal system, one pedal is used to lift and lower the presser foot and the other to sew. The dual pedal system is designed with two pedals at the bottom of the machine. The first pedal performs the task of starting the machine and the second pedal performs the task of lifting the presser foot. The second pedal (knee pad) is mounted on the machine's oil sump with the chain.



Picture 3.15. Pedal Pressure Adjustment

The pedal pressure is adjusted by changing the detection position of the pedal pressure adjustment spring (1). To reduce the pressure, the spring is attached to the left. Bow to the right to increase the pressure. The pedal reverse pressure setting is done by the spring tensioning screw (2). When the pedal travel distance (3) is mounted in the right hole in the pedal arm, the travel distance increases. This adjusts the pedal travel distance.