Leclerc Looms
Métiers Leclerc

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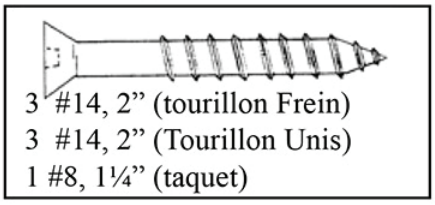
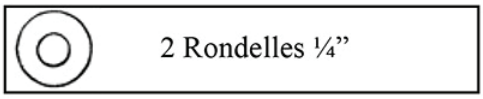
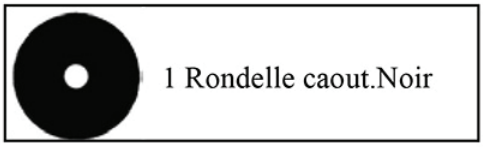
"KIT" NOUVEAU FREIN MIRA, FANNY, ET NILUS 8000-0045

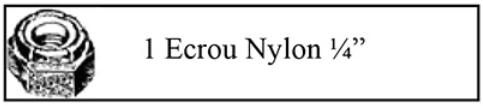
LISTE DE MARÉRIEL:

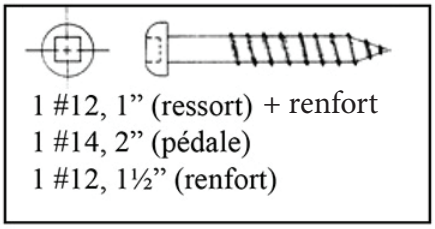
1 Tourillon Std 3030-0000
1 Cercle de Frein Std. 3000-4701
1 Tourillon Uni 3020-0000
1 Pédale de frein 3000-3669 17½"
1 Ressort de frein Std. 3000-5884
1 Longue tige (16") 3000-4759
1 Tige connection (11") 4789-0000
1 Ridoir 5874-0000
1 Renfort (5.75") 4779-0000
1x Barrure de pédale de frein avec vis de fixation

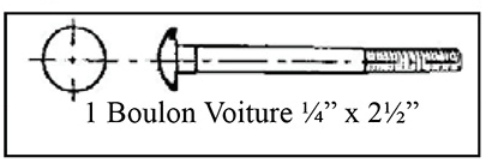










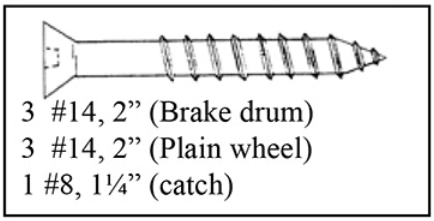


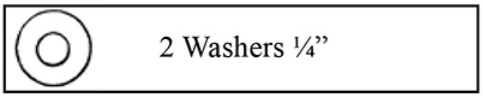
1x crochet en "S"
1x "S" hook

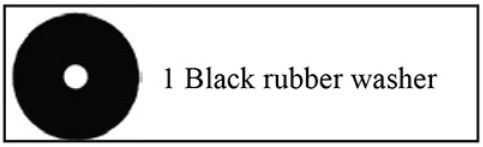
KIT NEW BRAKE SYSTEM FOR OLD MIRA, FANNY AND NILUS 8000-0045

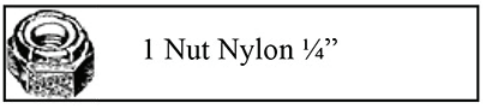
PARTS LIST

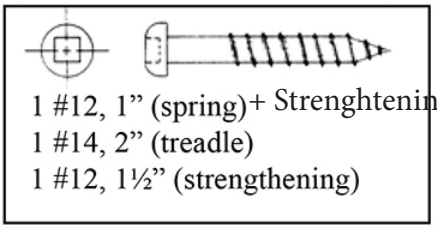
1 Brake drum Std 3030-0000
1 Brake circle Std. 3000-4701
1 Plain wheel 3020-0000
1 Brake treadle 3000-3669 17½"
1 Brake spring Std. 3000-5884
1 long brake lever (16") 3000-4759
1 Connecting rod (11") 4789-0000
1 Turnbuckle 5874-0000
1 Strengthening piece (5.75") 4779-0000
1 Brake Treadle Locking Catch with screw

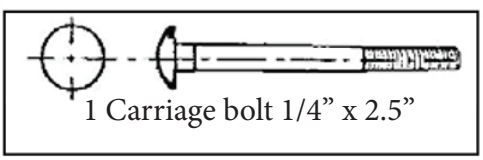












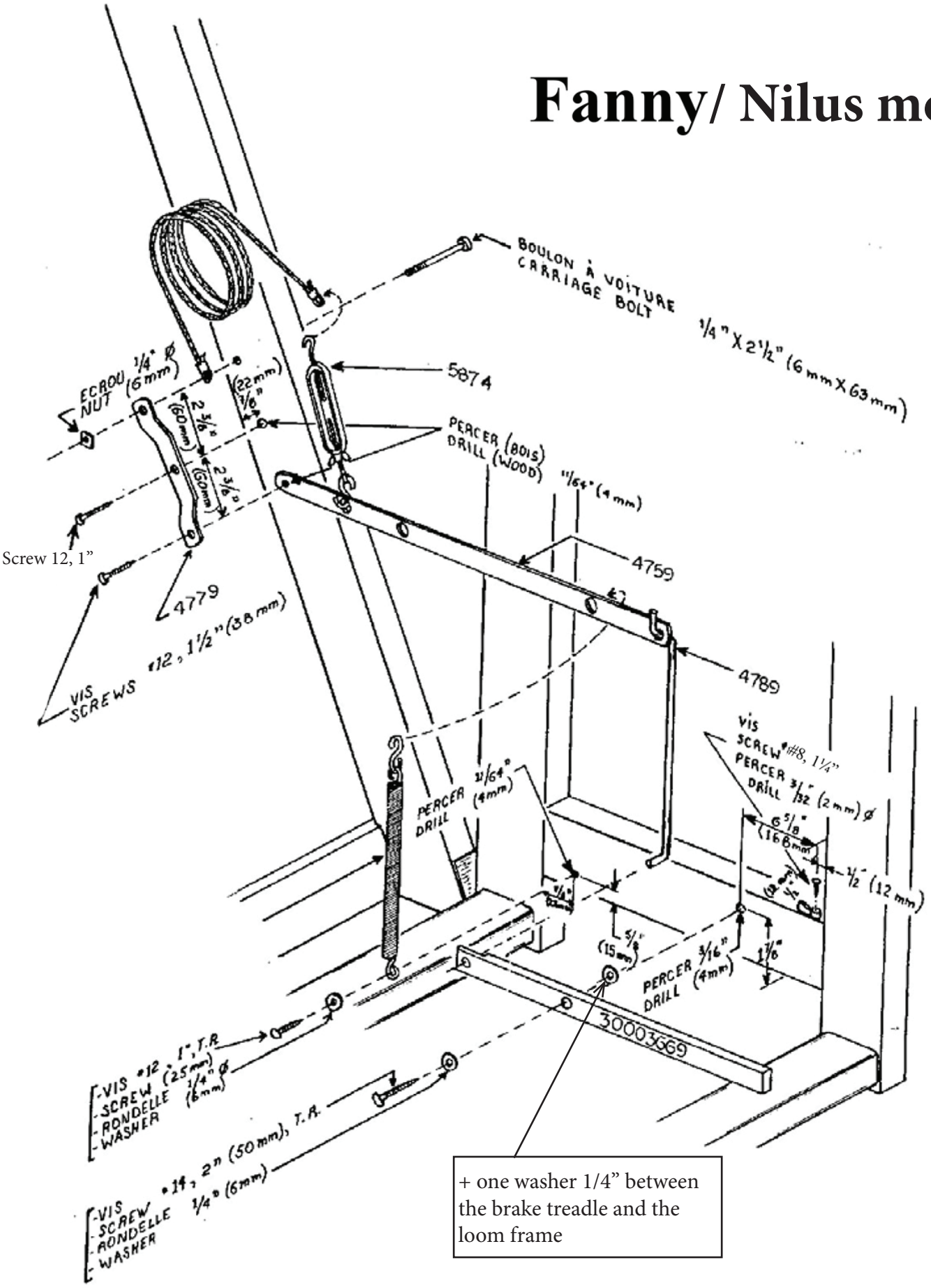
1

Take the warp beam out of the loom and remove all the metal pieces on both side of the back beam.
Remove also the ratchet, rod and brake treadle from the loom.

Affix the plain wheel on the left side using 3x screws no 14, 2”

Affix the friction brake drum to the right side of the loom using 3x screws no 14, 2”

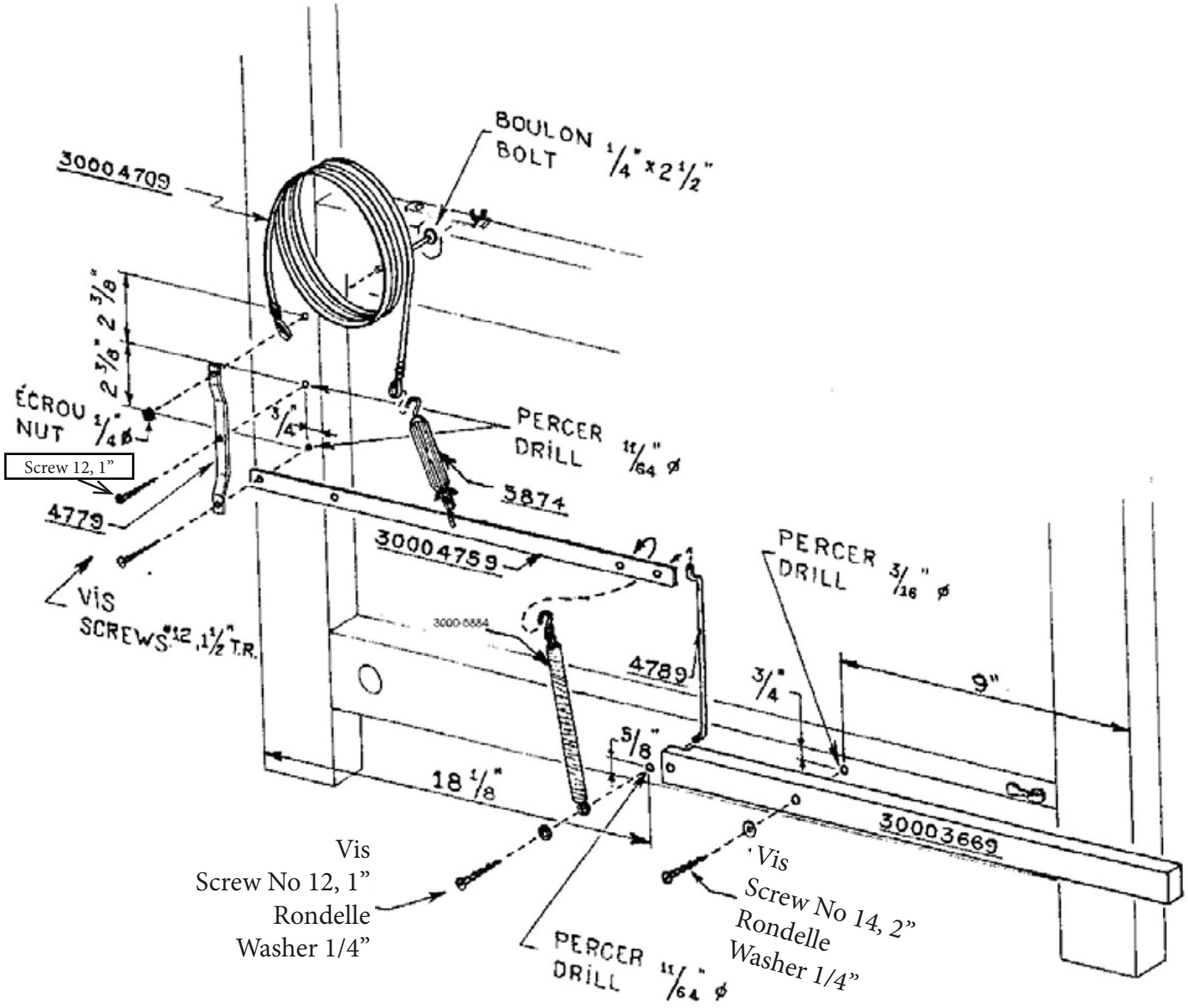
Fanny/ Nilus model



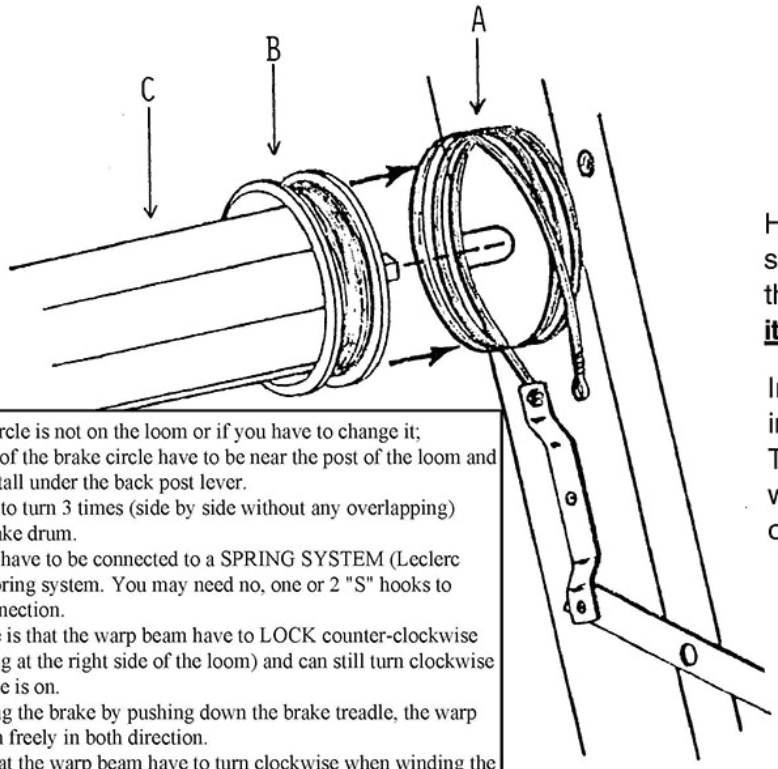
Screw 12, 1"

+ one washer 1/4" between the brake treadle and the loom frame

MIRA



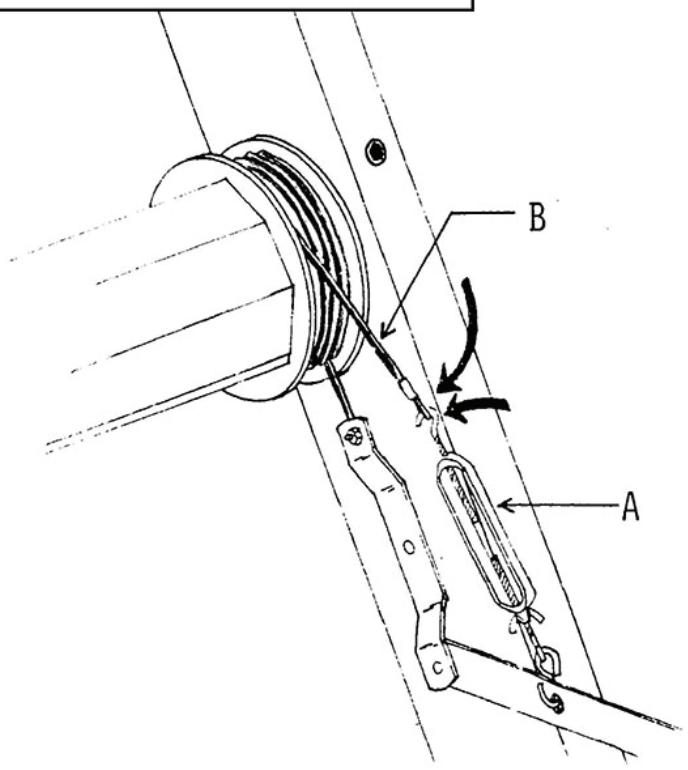
+ one washer 1/4" between the brake treadle and the loom frame



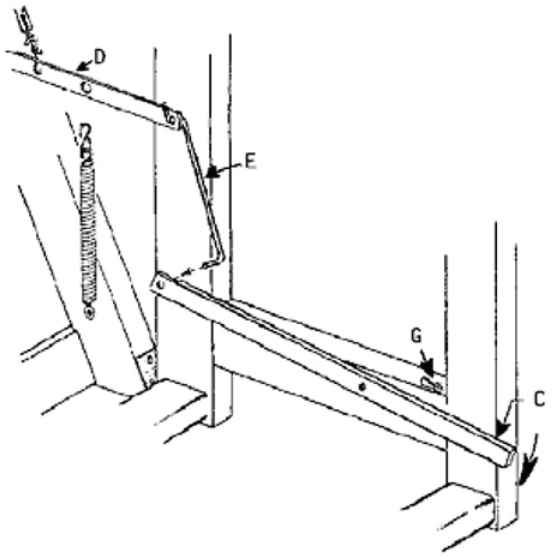
Hold the circular wire brake shoe A slightly to the rear of the loom, **but do not unroll it.**

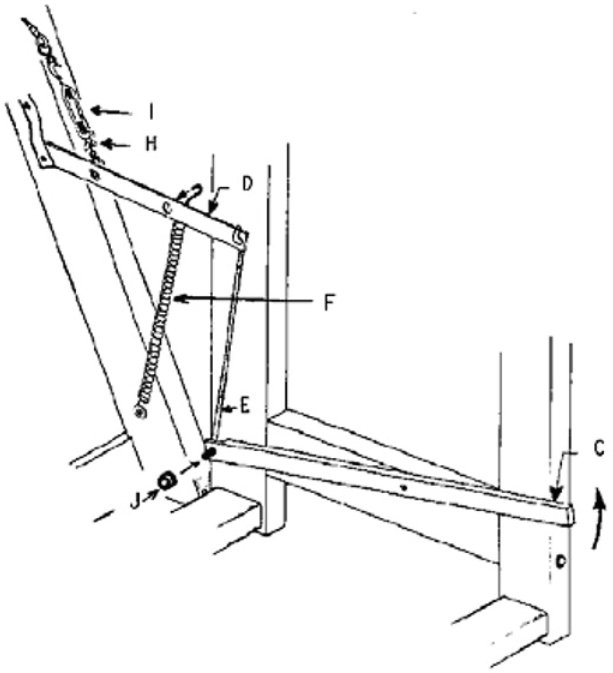
Insert the brake drum B into the wire brake shoe A. Then, install the ends of the warp beam C into the grooves of the back posts.

If the brake circle is not on the loom or if you have to change it;
The back end of the brake circle have to be near the post of the loom and have to be install under the back post lever.
The coil have to turn 3 times (side by side without any overlapping) around the brake drum.
The front end have to be connected to a SPRING SYSTEM (Leclerc made a few spring system. You may need no, one or 2 "S" hooks to make this connection.
The objective is that the warp beam have to LOCK counter-clockwise (while standing at the right side of the loom) and can still turn clockwise when the brake is on.
When releasing the brake by pushing down the brake treadle, the warp beam will turn freely in both direction.
Please note that the warp beam have to turn clockwise when winding the warp on the warp beam.



Hook turnbuckle A to flat wire circle B.





Joindre la pédale C à la ferrure D avec la tige E
Poser la rondelle de caoutchouc noir au bout de la tige pour la fixer en place.

Appuyer sur la pédale C et la bloquer en place avec le taquet G

PLIAGE DU MÉTIER ET ENROULAGE DE LA PIÈCE:
Relâcher le frein en pressant sur la pédale de frein A et en la fixant à l'aide du petit taquet G.

TISSAGE: Pour avancer la pièce, presser légèrement sur la pédale de frein A et tourner l'ensouple avant C en même temps. Laisser revenir la pédale à sa position normale et tourner l'ensouple avant jusqu'à ce que la pièce soit tendue. Si la pression est forte, peser légèrement sur la pédale jusqu'à ce que vous obteniez la tension désirée.
OURDISSAGE
Afin de maintenir le frein en bon état, il est conseillé de toujours le désengager lors de l'ourdissage de la pièce.
Appuyer sur la pédale et la barrer en position basse avec le cliquet G.

Using metal rod E, join treadle C to lever D. First insert the double-cornered end of the metal rod into lever D; then insert the other end of the metal rod into treadle C while the treadle is depressed.

Raise (back part) treadle C as high as possible then hook spring F to lever D.

BRAKE ADJUSTMENT:
Release the brake by depressing treadle C and locking it down with the catch G. The warp beam should turn freely but the circular brake wire should not be too slack. If the tension is too great, unscrew the wing nut H slightly and then loosen the turnbuckle I. If the tension is too slack, tighten the turnbuckle I slightly and then the wing nut H.

Insert the black rubber ring J to the lower end of the rod E, to prevent the rod from slipping out.

BEAMING
Release the brake by depressing the brake treadle (C) and locking it down with catch (G).

WEAVING
To advance the warp, depress brake treadle (C) and turn cloth beam (H) at the same time. Then, release brake treadle (C) (engaging the brake) and advance the cloth beam until the desired tension is achieved.