

Cutting Down an Operator Boom

System K

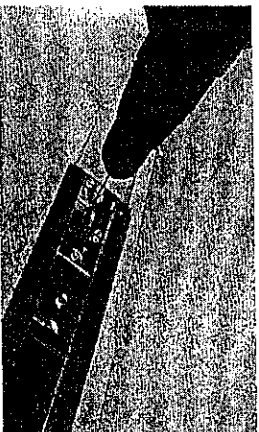
System M

System L

Method

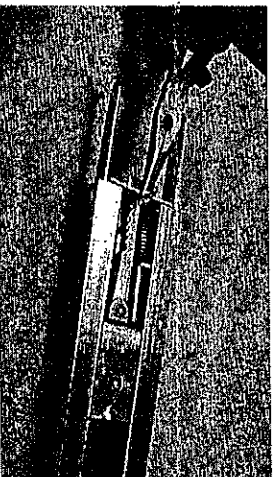
Step 1

Drill a 3mm hole into the ratchet plate located inside of the tensioning unit and next to the spring. As you can see from the photo the hole required must be in board of the end plate.



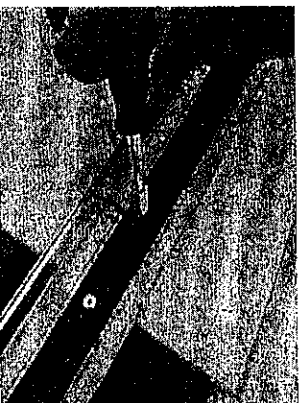
Step 2

Place a nail, 2.5 mm in diameter into the hole.



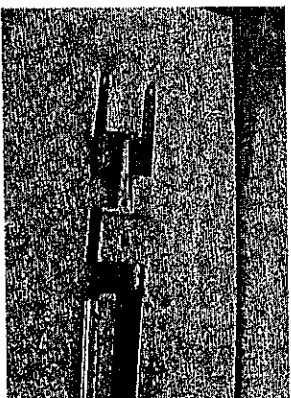
Step 3

De-latch the belt from the trolley. Position the belt so the connecting block, between the trolley and the belt is placed in the middle of the boom. Remove the screw and disconnect the belt.

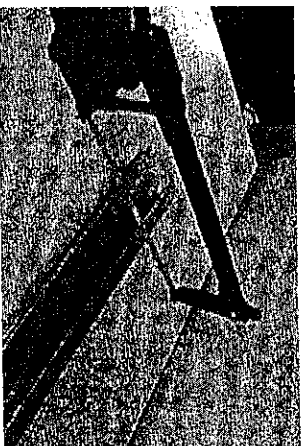


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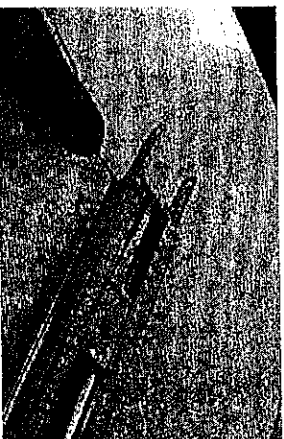
Step 4 Remove belt tensioning unit.



Step 5 Cut the boom to the required length



Step 6 Place the tensioning unit back into the boom and drill 3.5mm pilot holes 15mm in from the end of the boom.

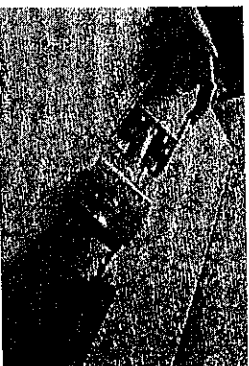


Step 7 Withdraw the tensioning unit from the boom again and open up the holes in the boom to 4.5mm.

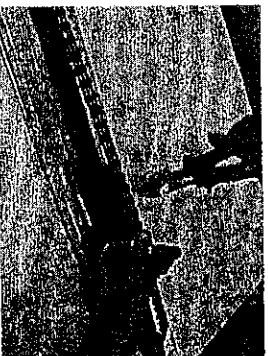


Step 8

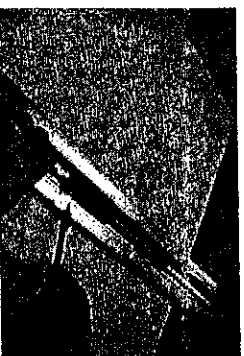
Thread the belt back through the tensioning unit and refit the belt tensioning unit to the boom. Ensure when refitting, the belt is not twisted. Refit the self-tapping screws.



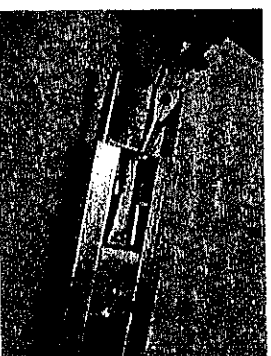
Step 9 Pull the belt tight. Note the new length the belt needs to be cut down.



Step 10 Re-connect the belt as shown.



Step 11 Withdraw the nail from the spring tensioning unit.



Step 12 After the nail has been removed the tensioning unit will take out any slack in the belt automatically.

