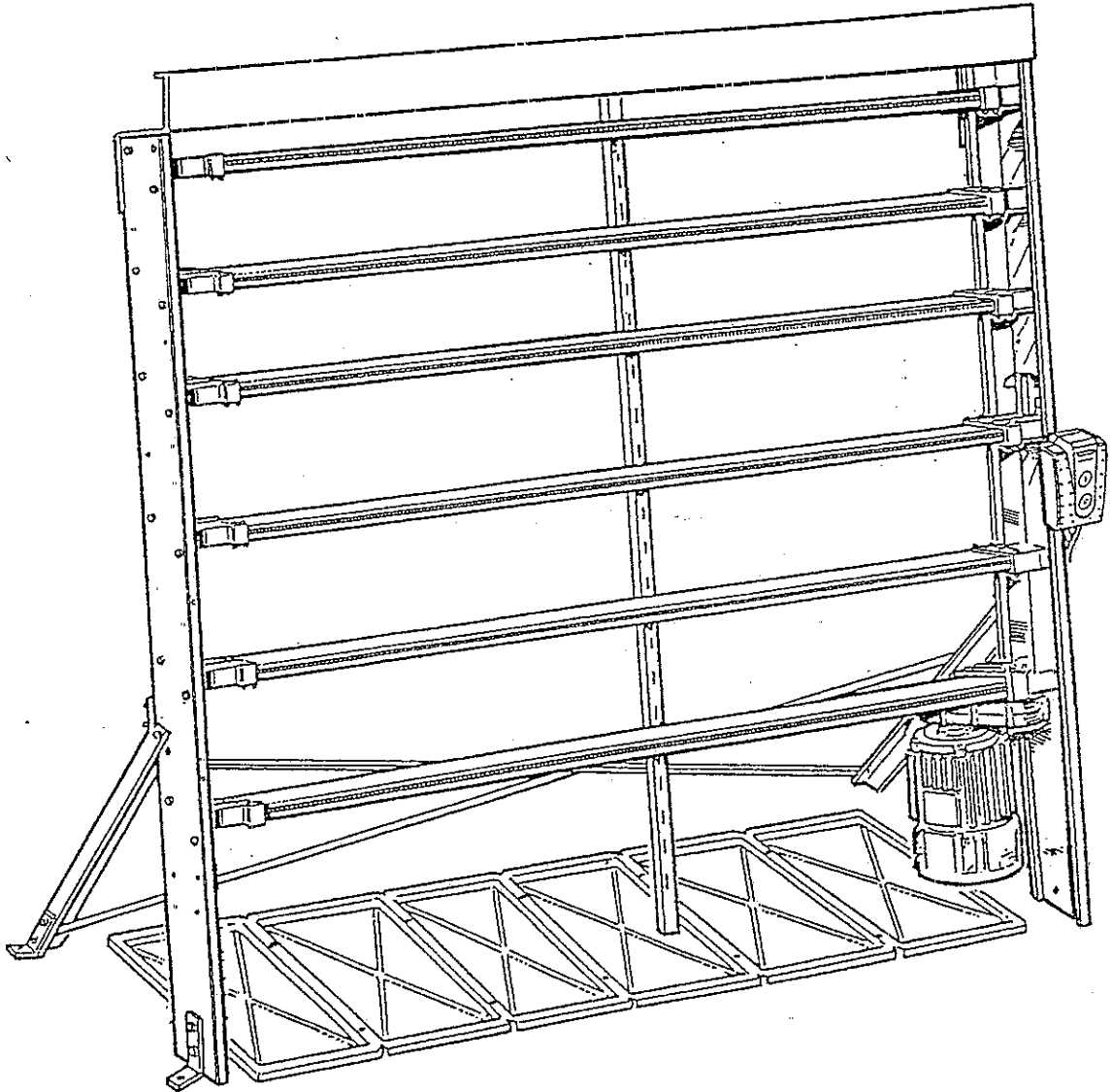


PAINT STIRRING MACHINE

MODUCOLOR



ASSEMBLY INSTRUCTIONS



NO MOD V2 • GB

CONDITIONS OF USE



- Before use, the machine must be fastened to the floor (see Sketch 18).
- The machine should preferably be installed in a well-lit room (300 lux at least). If this is not possible, a model with built-in lighting is available.
- The noise level of the machine in normal conditions of use does not exceed 70 dBA.



- When handling paint :
 - read the manufacturer's safety instructions,
 - avoid contact with the skin and the eyes,
 - do not breathe paint vapors or spray,
 - when natural aeration or ventilation is insufficient, an extractor system must be provided with the following capacity:
 - Machine length 1.0 m : Recommended air flow = 1.4 m³/s
 - Machine length 1.5 m : Recommended air flow = 1.9 m³/s
 - Machine length 2.0 m : Recommended air flow = 2.5 m³/s
 - Machine length 2.5 m : Recommended air flow = 2.9 m³/s
 - Machine length 3.0 m : Recommended air flow = 3.4 m³/s



- Operators with long hair must wear a hair net to avoid any risk of hair being caught in the rotating parts of the shelves.



IMPORTANT

Before starting any maintenance operation, the machine **MUST** be disconnected from the power supply.

SAFETY INSTRUCTIONS



Non-explosion-proof stirring machines can be used only if the paint being handled presents no risk of producing a dangerous explosive atmosphere during operation of the machine. This condition is satisfied if the flash point of the paint is at least 21°C:

- if the paints do not give off inflammable liquids when at rest, and if their flow time is at least 90 seconds at 20°C in a consistometric beaker approved by PTB (compliant with DIN standard 53211),
- *or* if their flow time is greater than or equal to 60 seconds but less than 90 seconds, and if the inflammable liquid content does not exceed 60% by weight,
- *or* if their flow time is greater than or equal to 25 seconds but less than 60 seconds, and if the inflammable liquid content does not exceed 20% by weight.

The conditions defined above are valid only if the total volume of paint being stirred on the machine at any time never exceeds 200 liters.

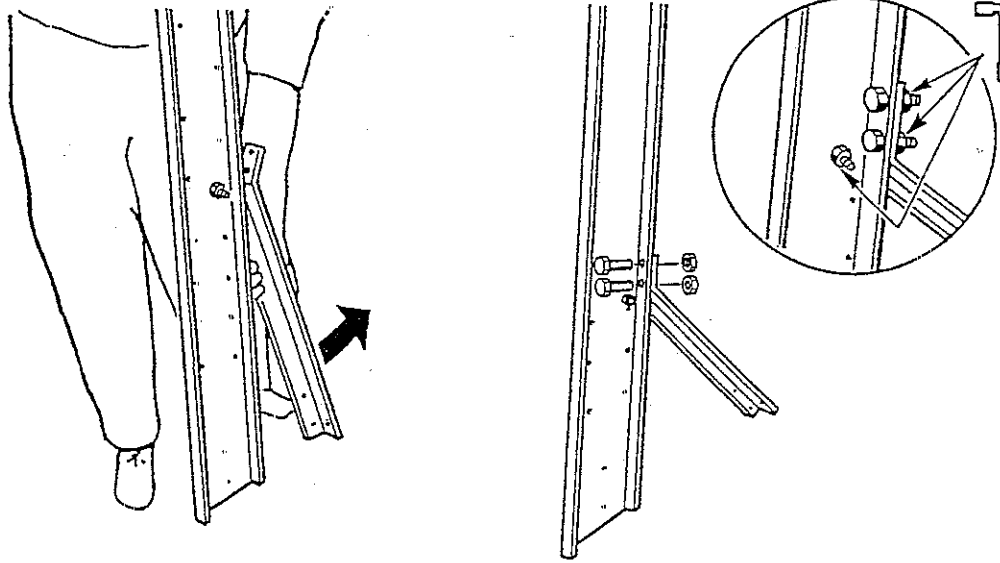
Another safety measure to reduce the risk of formation of an explosive atmosphere is to use metal cans on the machine of capacity not exceeding 5 liters. In this case, there is no danger of formation of an explosive atmosphere, even in the absence of forced ventilation of the air.

If the capacity of the paint cans exceeds 5 liters (but is less than 20 liters), the formation of an explosive atmosphere can be avoided by installing a specific ventilation system.

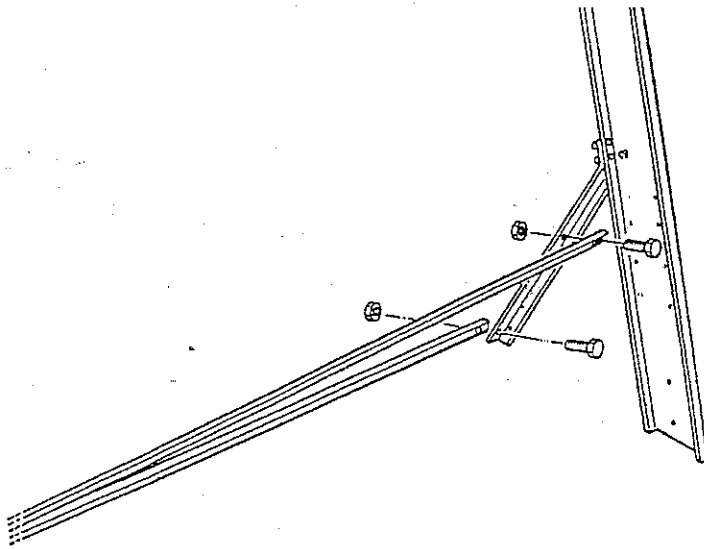
If the cans being stirred exceed 20 liters capacity, an explosion-proof stirring machine must be used. The same remark applies if the total volume of paint being stirred on the machine exceeds 200 liters. This rule applies only for the types of paint mentioned above.

In the case of paints whose flash point is less than 21°C, an explosion-proof machine is obligatory.

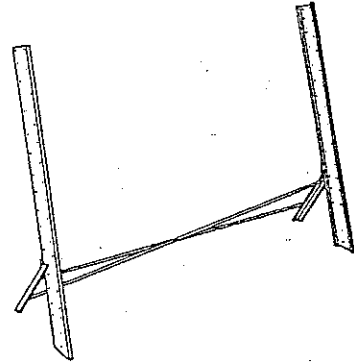
1



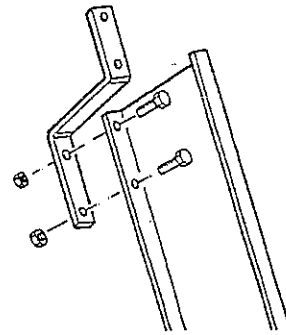
2



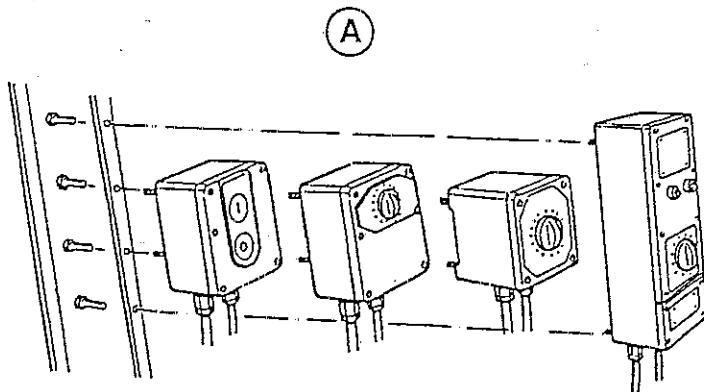
3



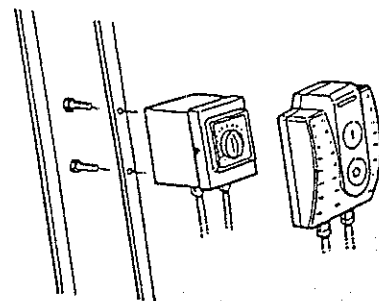
4



5



(S)



ASSEMBLING THE FRAME

Refer to Sketch 1 - 2 - 3

Sketch 4 ASSEMBLING THE ADVERTISING PANEL SUPPORT

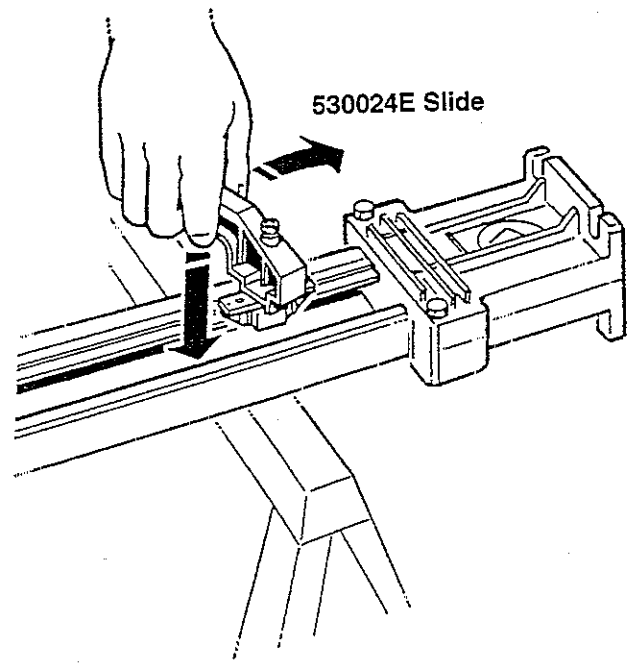
Sketch 5 FITTING THE CONTROL UNIT

Ⓐ Explosion-proof

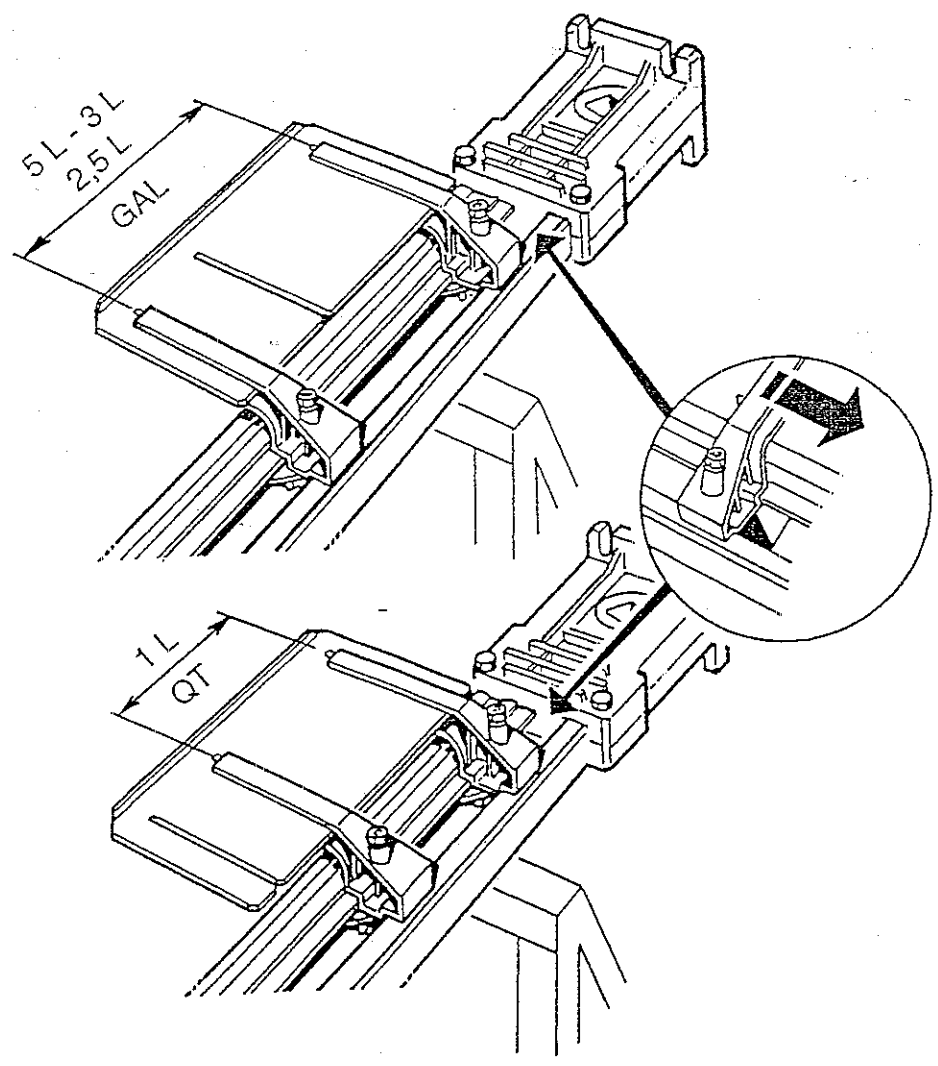
Ⓔ Standard

A series of holes allows the unit to be mounted at the required height.

6



7



Sketch 6

FITTING THE ADJUSTABLE SLIDES

- To simplify the assembly, it is recommended to fit the slides on the shelves before they are mounted on the frame.

Sketch 7

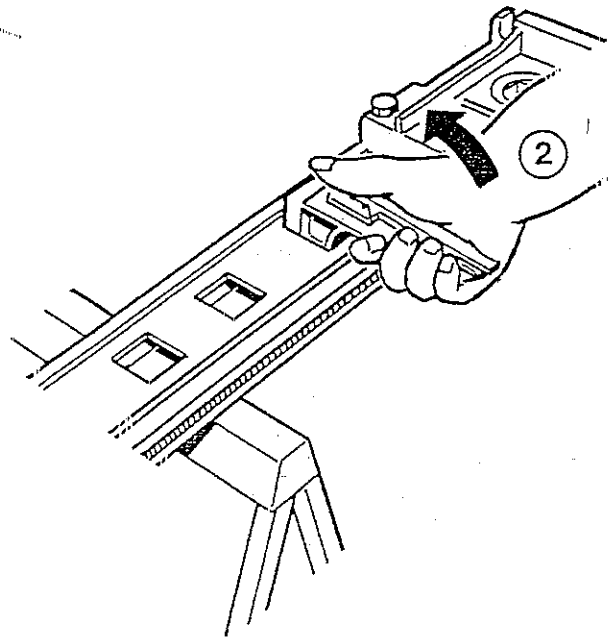
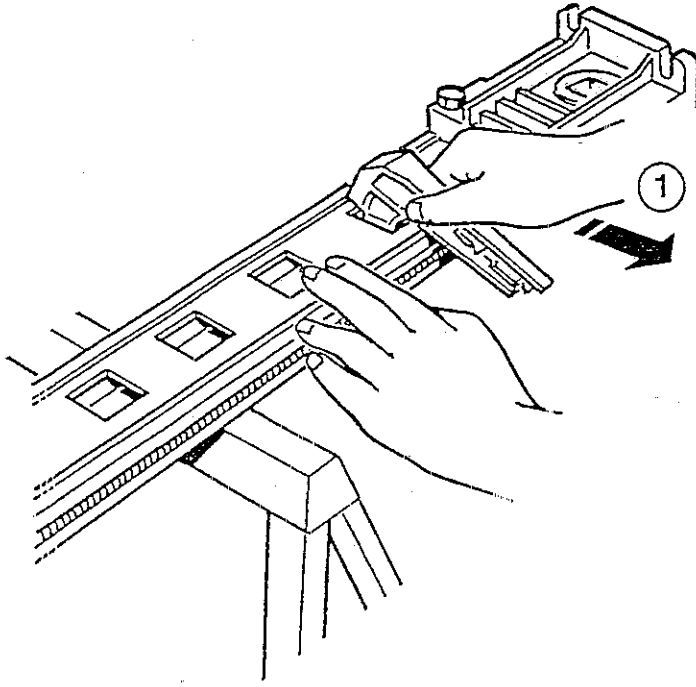
SPACING THE ADJUSTABLE SLIDES



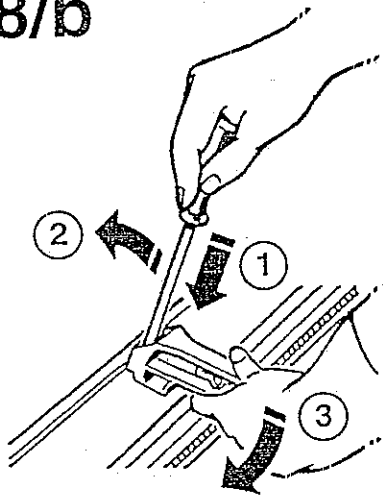
Two templates are provided to position the slides at the intervals required for the following ranges of cans:

- 1 liter US quart + 2.5 / 3.5 / 4 liter US gallon
 - 1 liter + 4 liter AA / 5 liter
-
- Position the first slide so that it stops either on the right hand or left hand side of the shelf. Tighten the nut.
 - Fit the second slide at approximately the required distance from the first.
 - Slide the template on the 2 slides, lock the second slide in place, then remove the template.
 - Continue in this manner until all the slides are positioned.

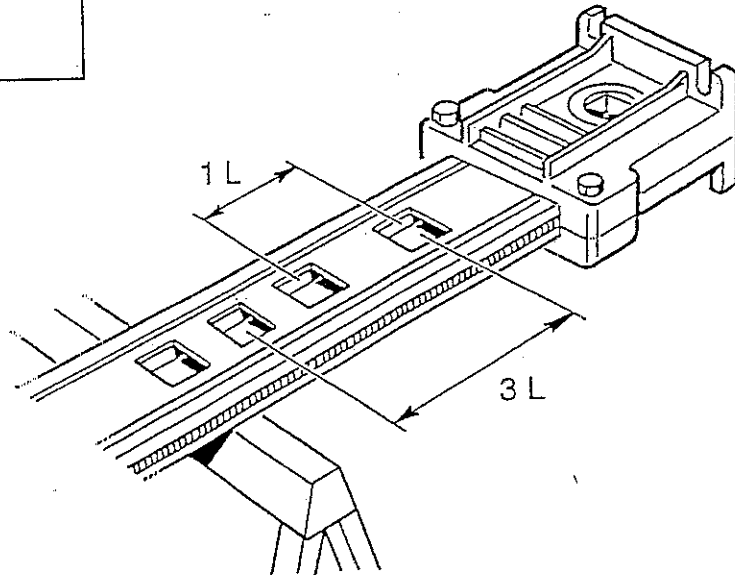
8/a



8/b



9/a



Sketch 8/a FITTING THE CLIPPED SLIDES

- To simplify the assembly, it is recommended to clip the slides on the shelves before they are mounted on the frame.

Sketch 8/b REMOVING THE CLIPPED SLIDES

Sketch 9/a SPACING THE CLIPPED SLIDES



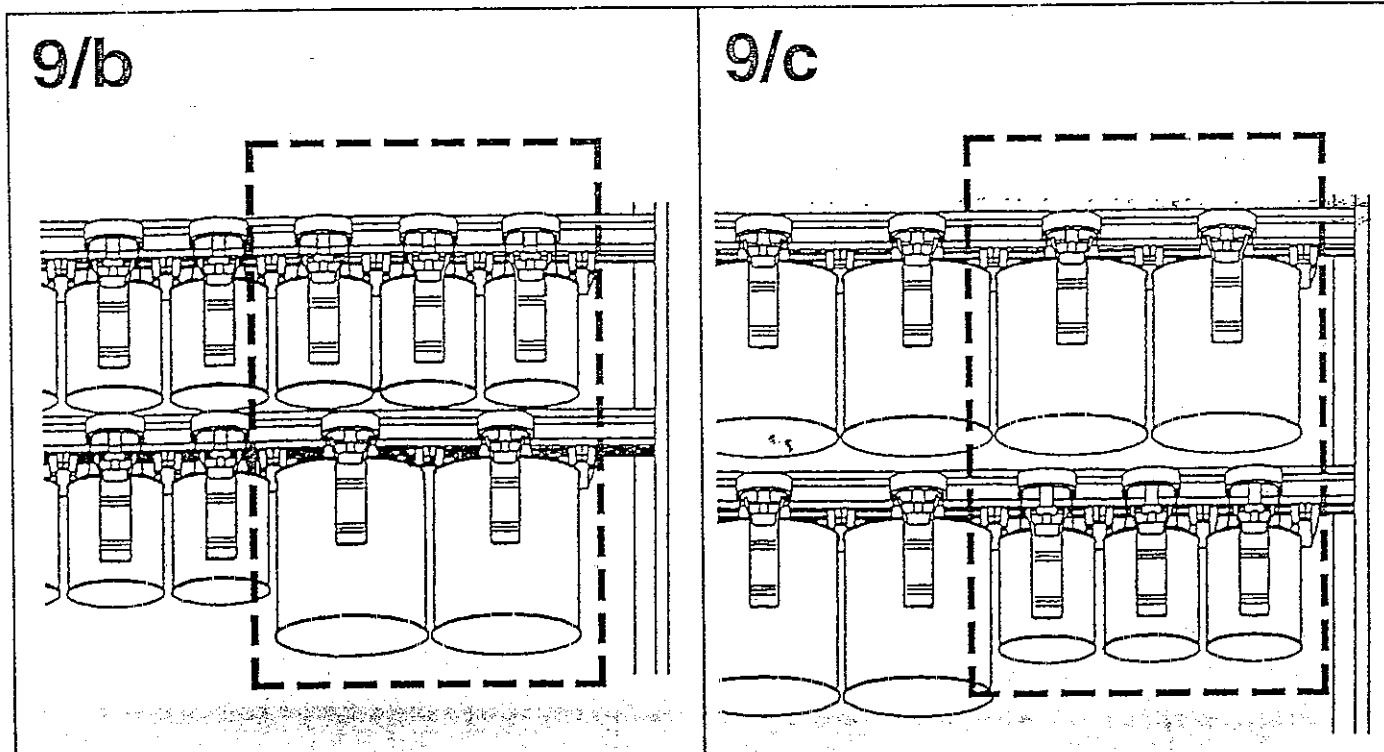
There are two types of shelves:

Sketch 9/b • 1 liter type shelf

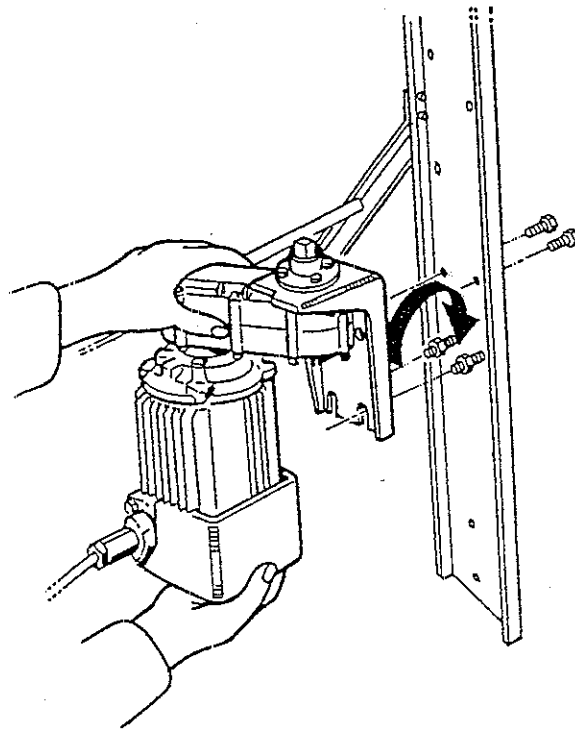
The spacing of the slide housings is suitable for 1 liter stirring lids.
At each end of the shelf, intermediate housings enable three 1 liter lids to be replaced by two 3.5 liter lids.

Sketch 9/c • 3.5 liter type shelf

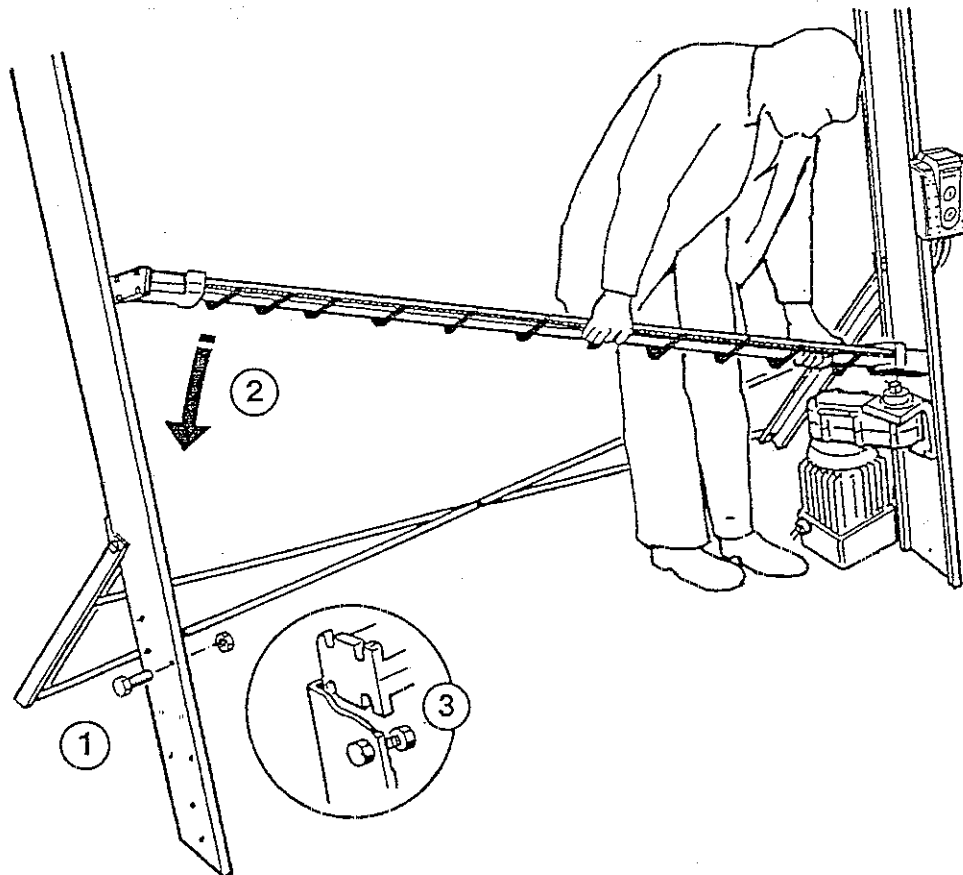
The spacing of the slide housings is suitable for 3.5 liter stirring lids.
At each end of the shelf, intermediate housings enable two 3.5 liter lids to be replaced by three 1 liter lids.



10



11



Sketch 10

FITTING THE MOTOR/GEAR BOX ASSEMBLY

- Fit the bolts and according to the sketch on the motor label.
- Lift up the motor/gear box assembly and place it on the bolts following.
- Fit the upper bolts and tighten the assembly on the upright.

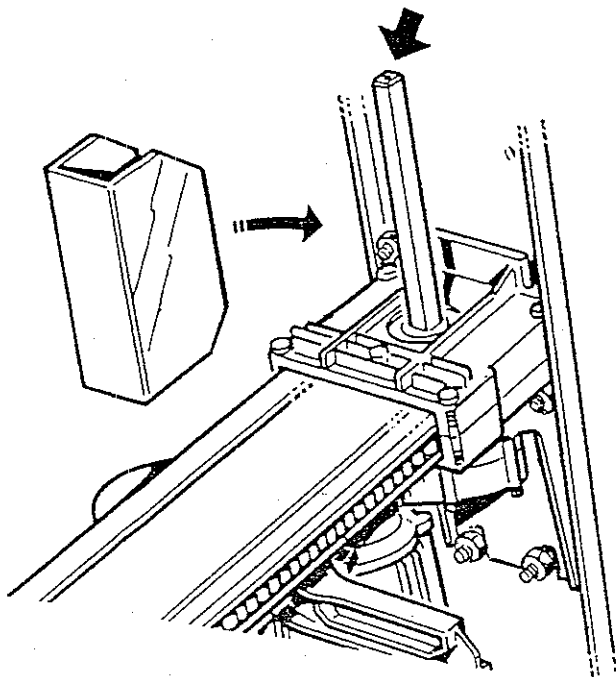
Sketch 11

ASSEMBLY OF THE LOWER SHELF

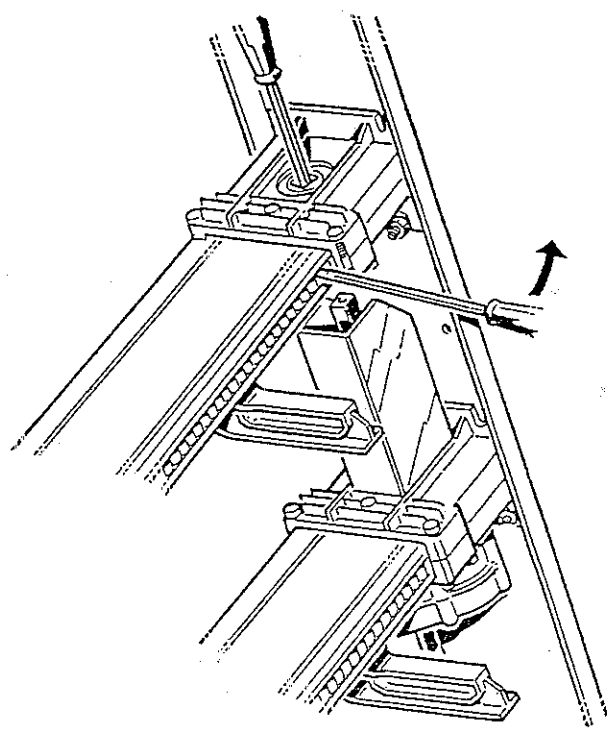
- Place the lower fixing bolts in the uprights at the selected position.
- Incline the shelf, insert it between the uprights, and position it on the bolts.
- Fit the 2 upper bolts (*do not tighten fully, to allow fitting of the upper shelves*).

12

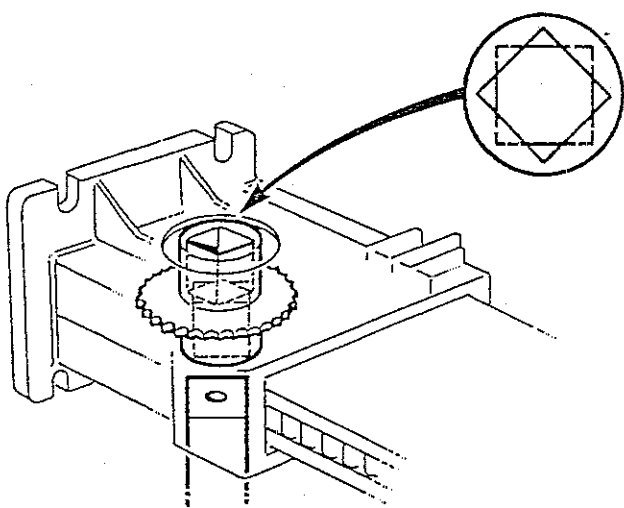
590074 1 Lt. Driveshaft
590076 3 Lt. Driveshaft



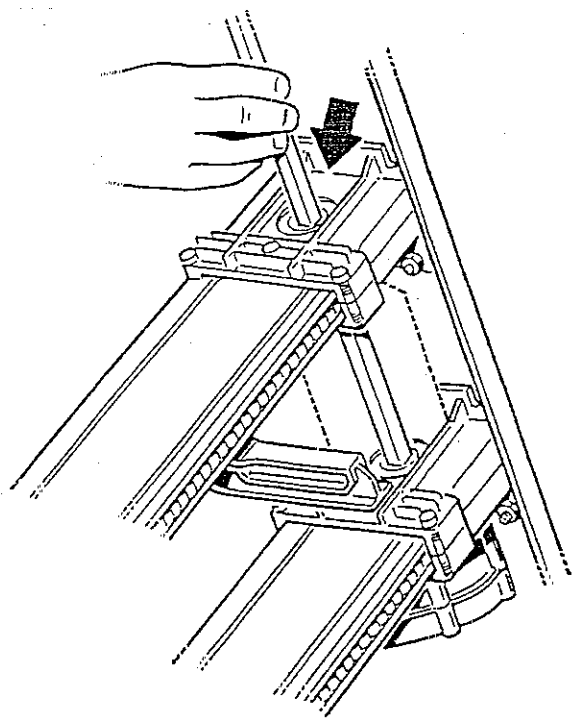
13



14



15



ASSEMBLY OF THE FOLLOWING SHELVES

- Insert the driving square in the lower shelf (hole directed upwards).
- Position the metal protection between the casing ribs.
- Position the upper shelf ; take care to correctly position the driving square and the metal protection (see Sketch 12 - 13 - 14 - 15).

Sketch 13

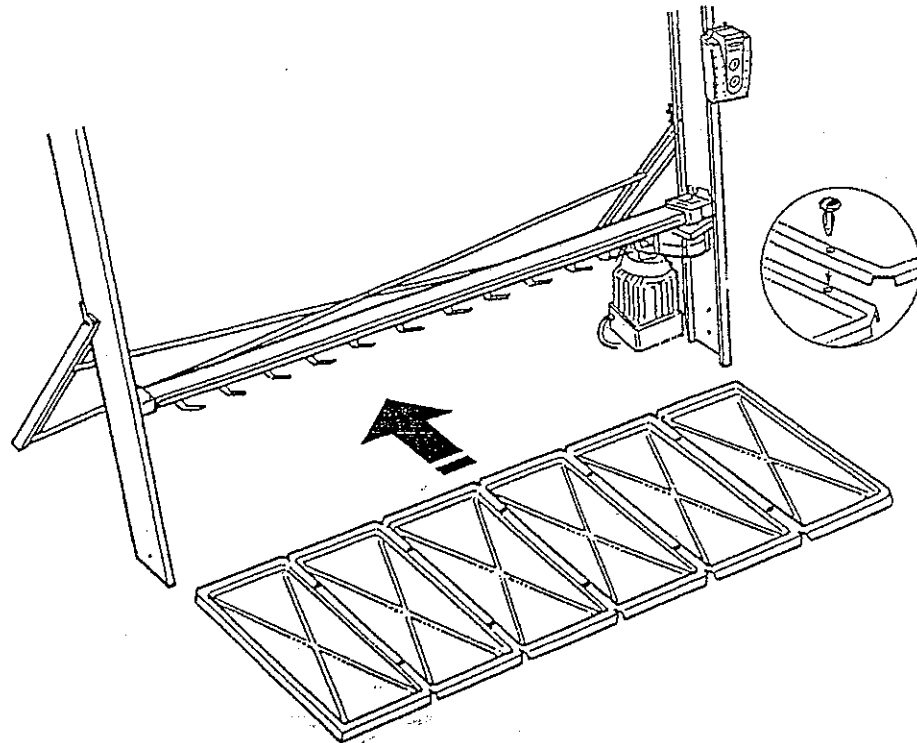
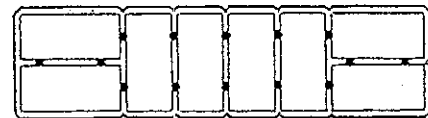
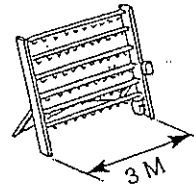
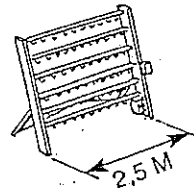
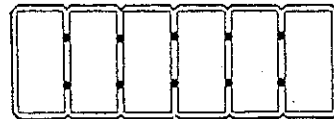
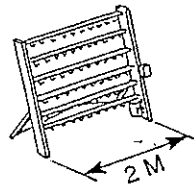
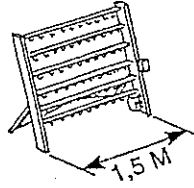
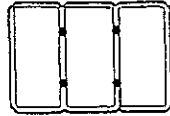
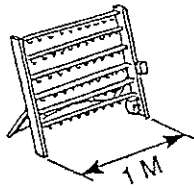
In order to easily position the gear shaft, slightly turn the pinion and push simultaneously the chain with a screw driver. When all shelves are positioned, do not forget to block the nuts (4 nuts for each shelf), use the flat wrench or the tube wrench which are supplied.

NOTE : The female squares are shifted of 1/8 turn.



Do not forget to block all screws and nuts after complete assembly of the shelves.

590037 Drip Tray

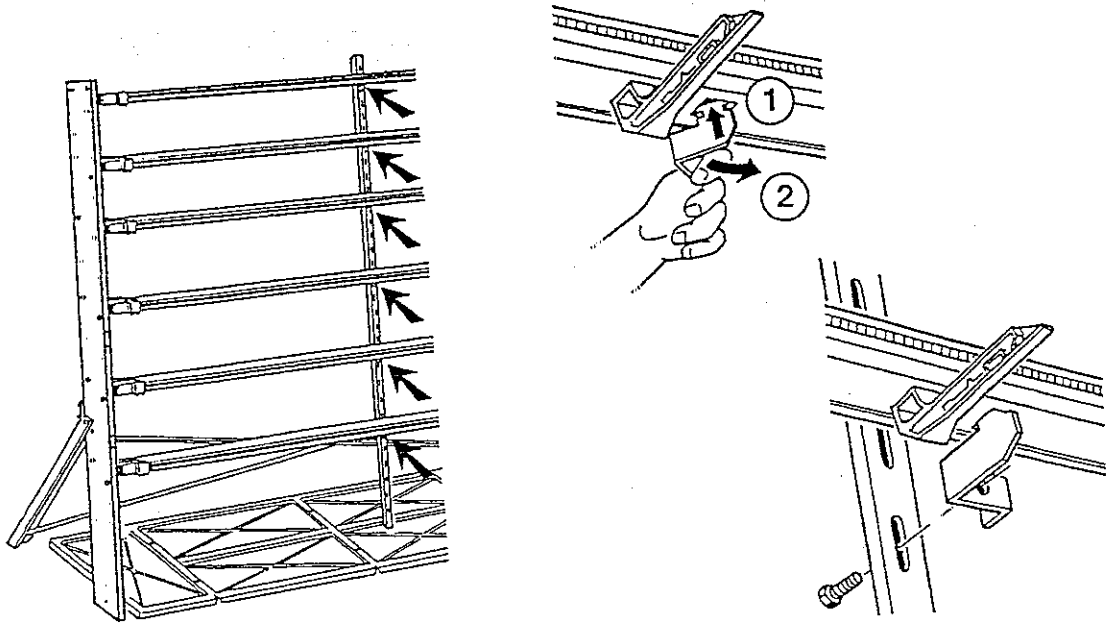


Sketch 16

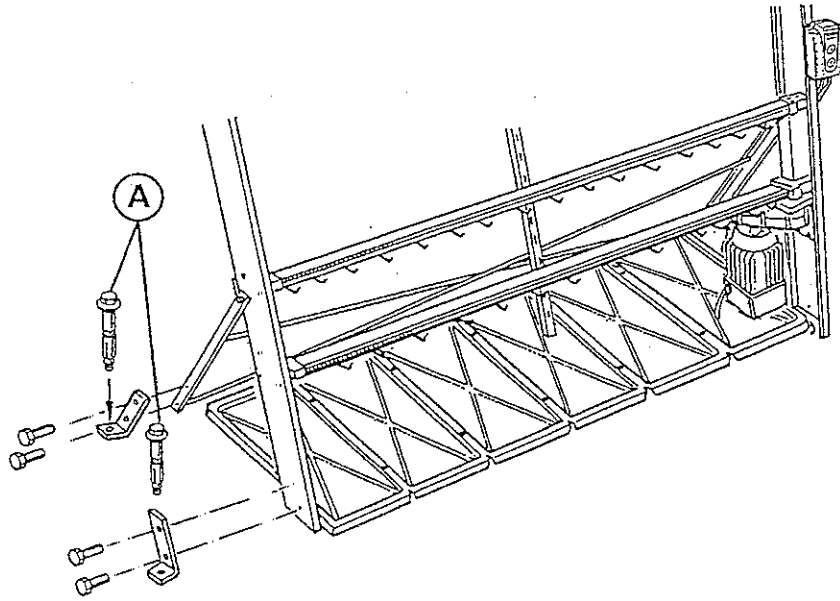
FITTING THE DRIP TRAYS

- Assemble the sections according to the length of the machine.

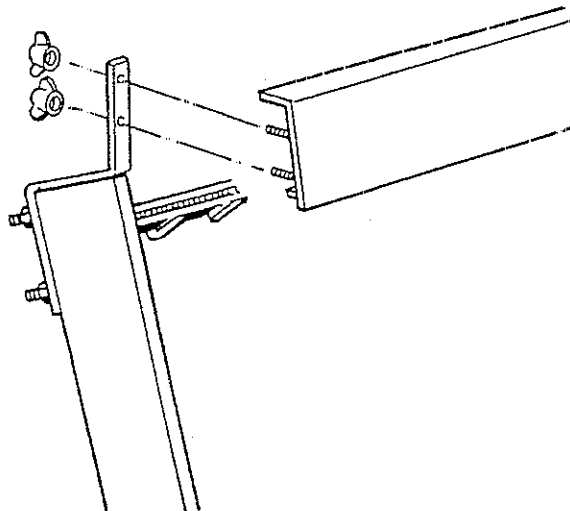
17



18



19



Sketch 17

FITTING THE CENTRAL SUPPORT



For the 2.0, 2.5 and 3.5 meter versions only.

Sketch 18

FITTING THE FLOOR BRACES



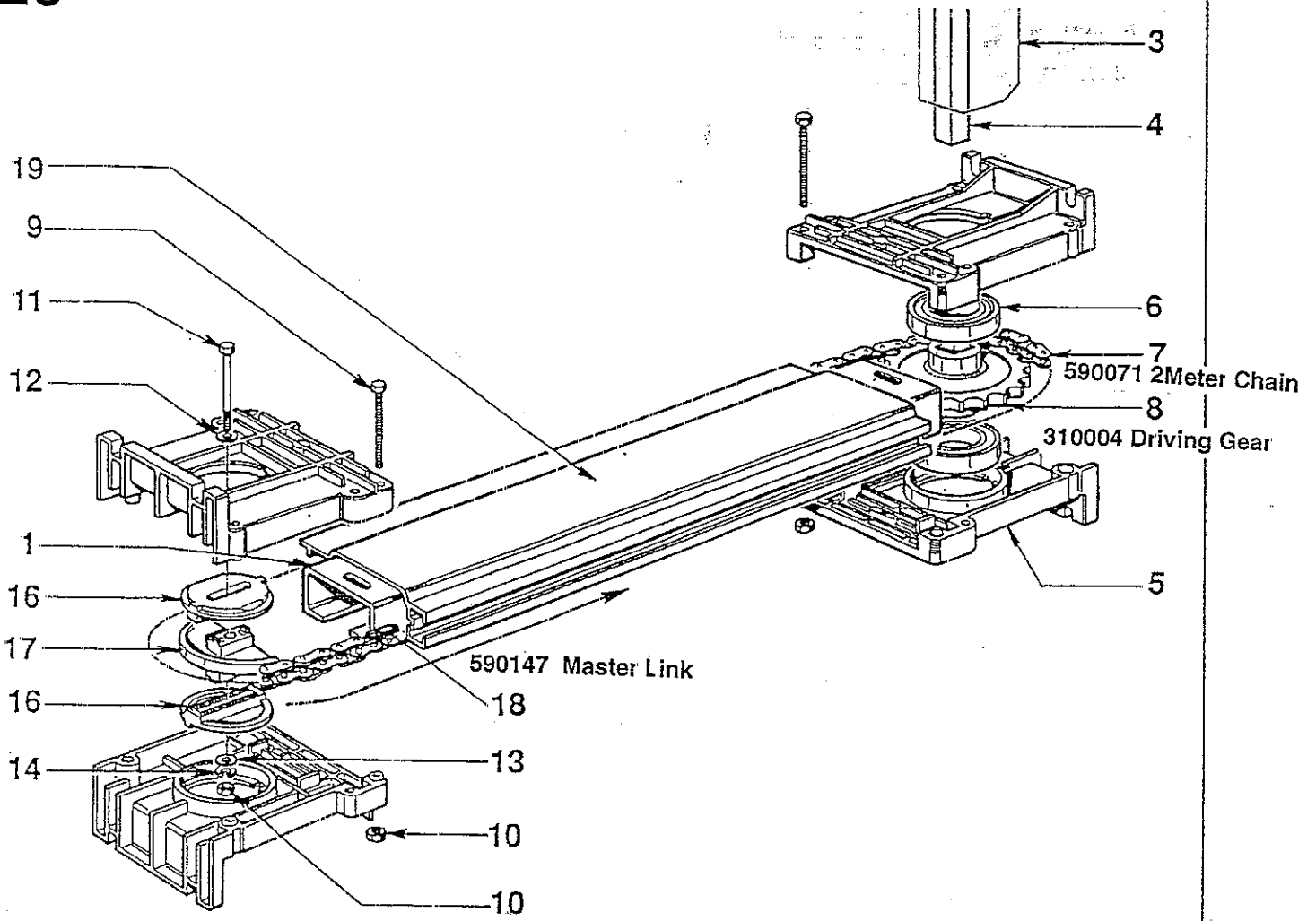
During installation, the machine must be bolted to the floor using the expansion bolts provided (Frame **(A)**).

Hole diameter 10 mm, depth 55 mm.

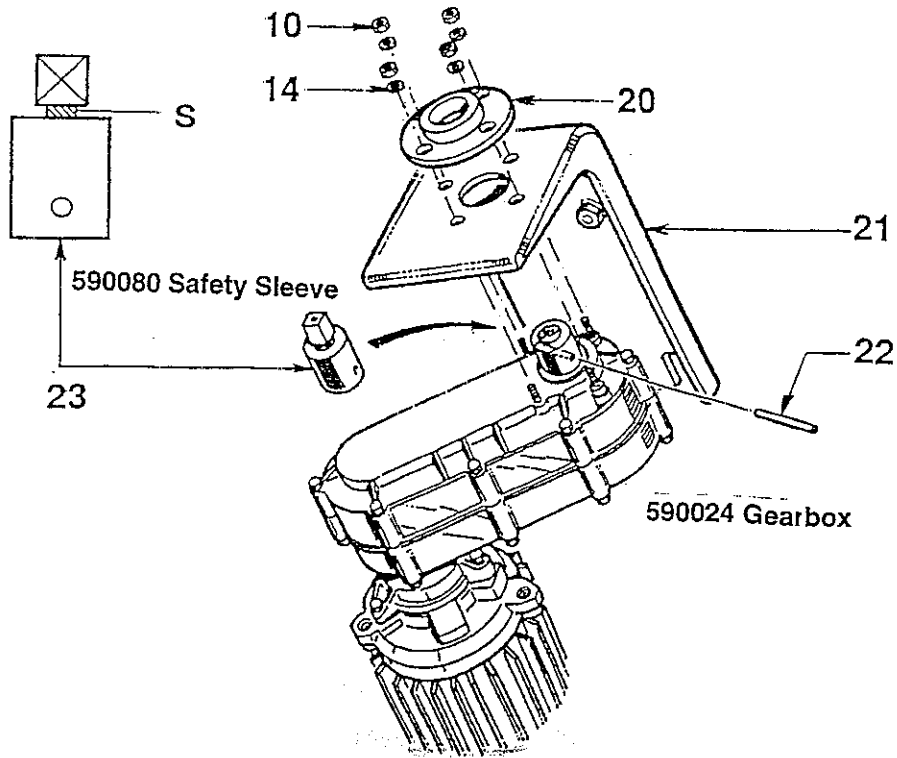
Sketch 19

ASSEMBLY OF THE ADVERTISING PANEL

20



21



FOR FAS MODUCOLOR GEARBOX DRIVEN MACHINES

TO ADD NEW MOTOR TO EXISTING GEARBOX:

FIRST BE SURE TO CUT THE POWER TO YOUR MACHINE.

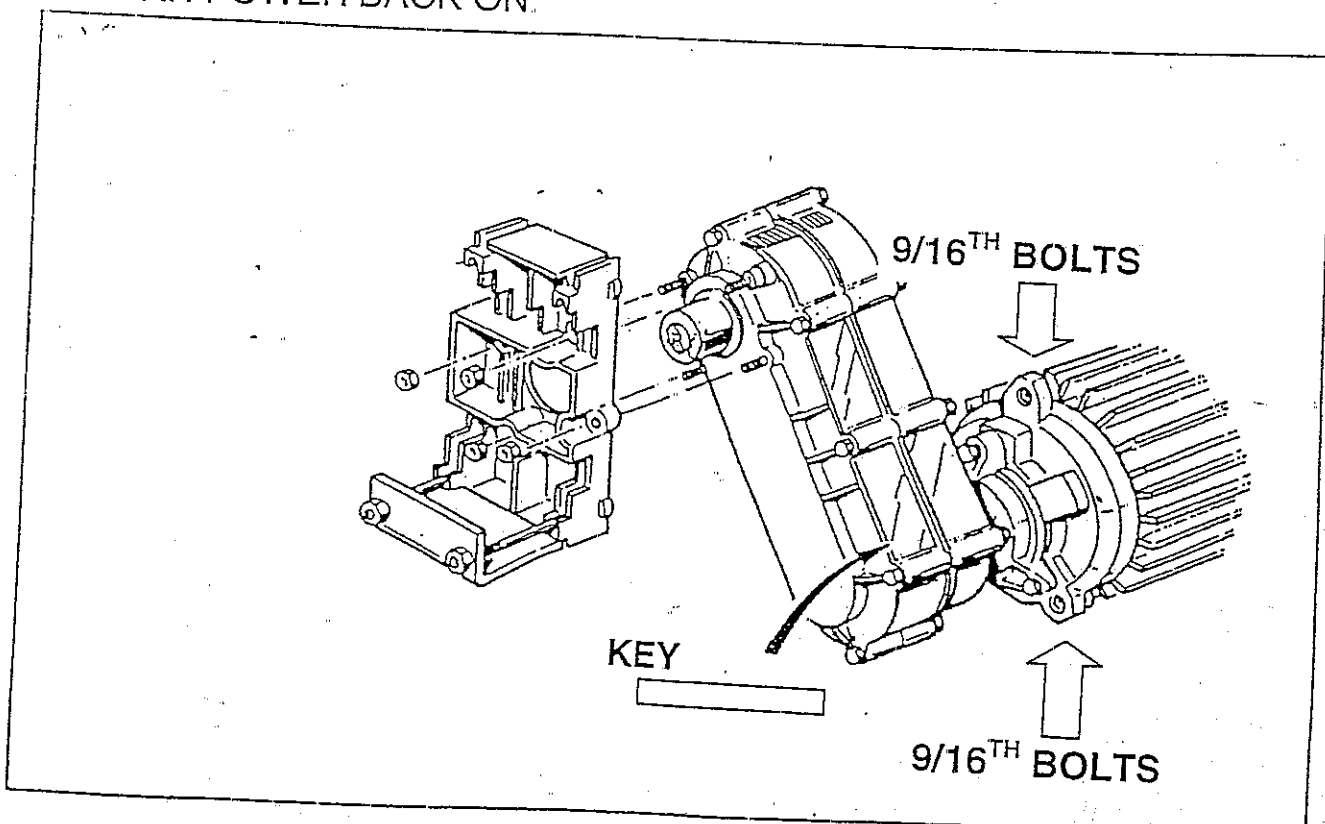
NEXT LEAVE THE GEARBOX ATTACHED TO THE PANEL, DO NOT TOUCH!

REMOVE FOUR 9/16THS BOLTS FROM THE MOTOR FLANGE COMING FROM THE GEAR BOX. MOTOR SHOULD BE FREE TO SLIDE RIGHT OFF.

BE AWARE THAT THERE IS A KEY ON THE MOTORSHAFT THAT WILL BE NECESSARY TO MOUNT NEW MOTOR. (There is a key taped to the new motor if necessary.)

REVERSE THE PROCEDURE FOR NEW MOTOR INSTALLATION. PUT EITHER THE NEW KEY OR THE KEY FROM THE OLD MOTOR INTO THE SLOT ON THE NEW MOTOR SHAFT. (Be sure to line up the key on the motor with the slot on the gearbox) SLIDE MOTOR BACK ON AND TIGHTEN BOLTS.

TURN POWER BACK ON.



TROUBLE SHOOTING THE MODUCOLOR

If motor and timer are working and one shelf is not turning check the driving gear (310004) and chain (2meter 590071), the master link (590147) for that shelf. We have chain-adjusting kits (310037)

Check to see that 1Lt. (590074) and 3Lt.(590076) drive shafts are ok.

If motor is running, but no shelves are turning, check to see that the safety sleeve (590080) is in tact. This part is meant to shear in the event of overload.

If safety sleeve is in tact, the gearbox (590024) is probably the problem.

If motor is working and timer is not, it could be a relay switch or the entire Timer has gone. We have timer rebuild kits (590193) and timers (just the part the knob attaches to, 590084)

We only stock Franklin Motors and timers; these can be used with the existing gearbox. The last option is to bypass the timer.