

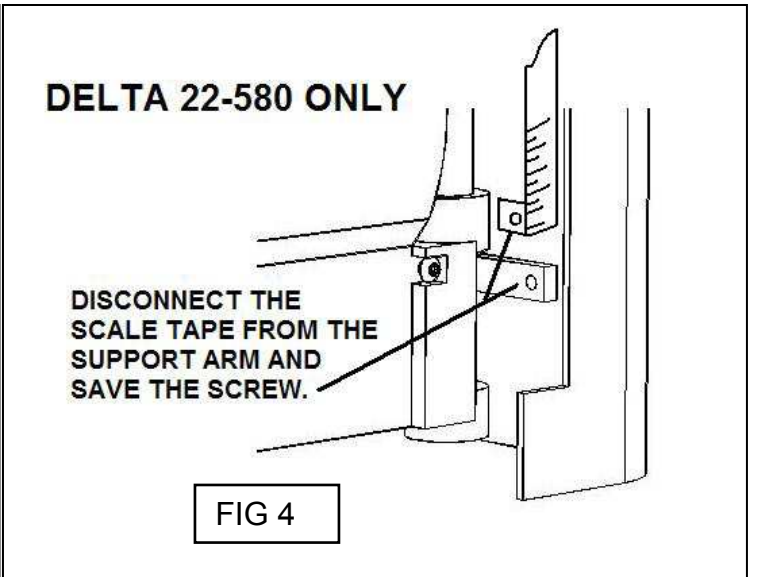
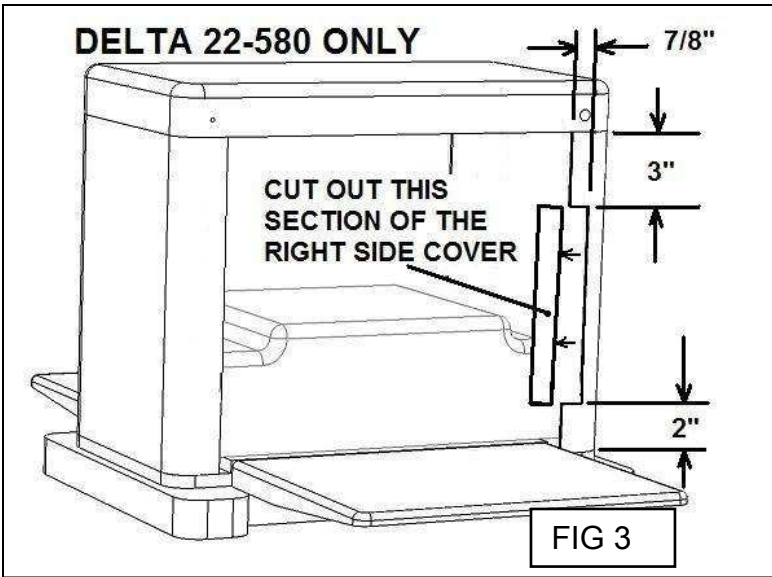
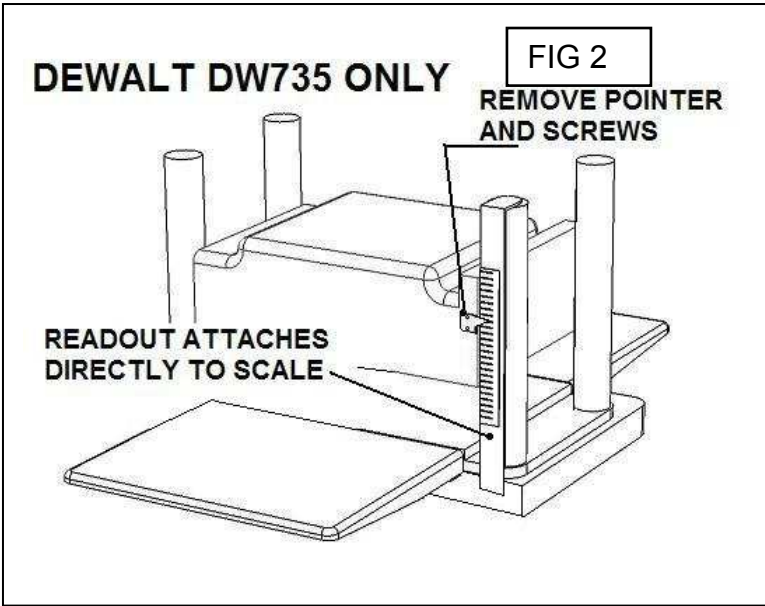
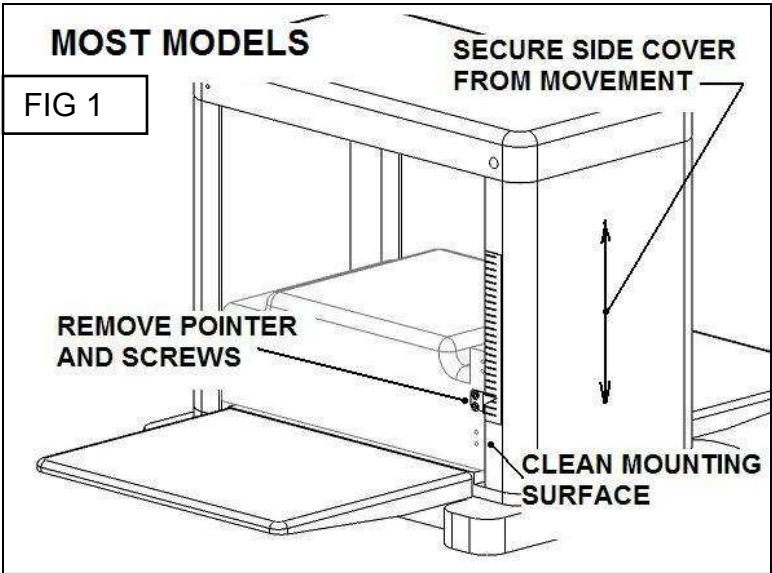
INSTRUCTIONS

NOTICE: Always turn off the power and unplug your machine before installing the Planer Readout on it.

1- Prepare your Planer

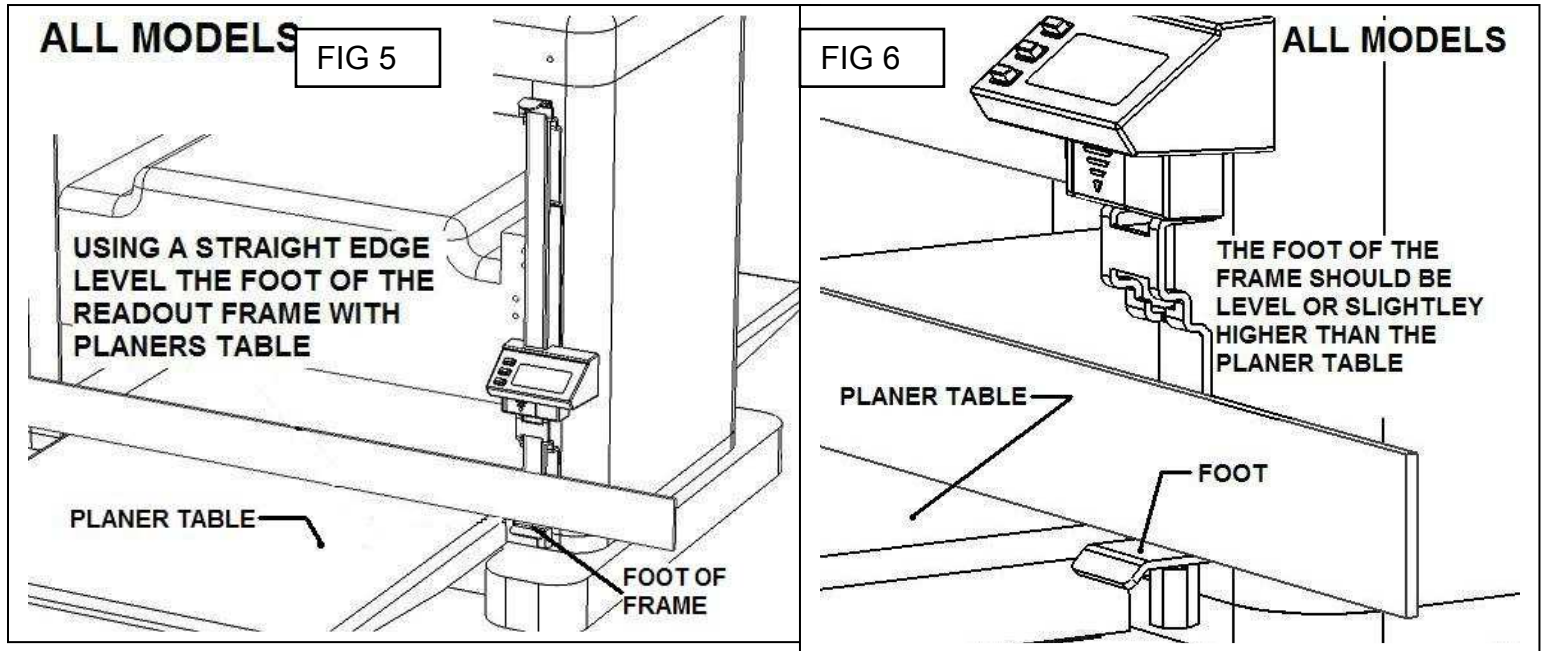
If your planer has preset depth stops, lower the cutter head until it contacts any one of the stops. If it does not have a preset stop, lower it as low as it will go which is usually 1/8".

Most models will refer to FIG 1. For the Dewalt model DW735 refer to FIG 2 and for the Delta model 22-580 refer to both FIG 3 and FIG 4.

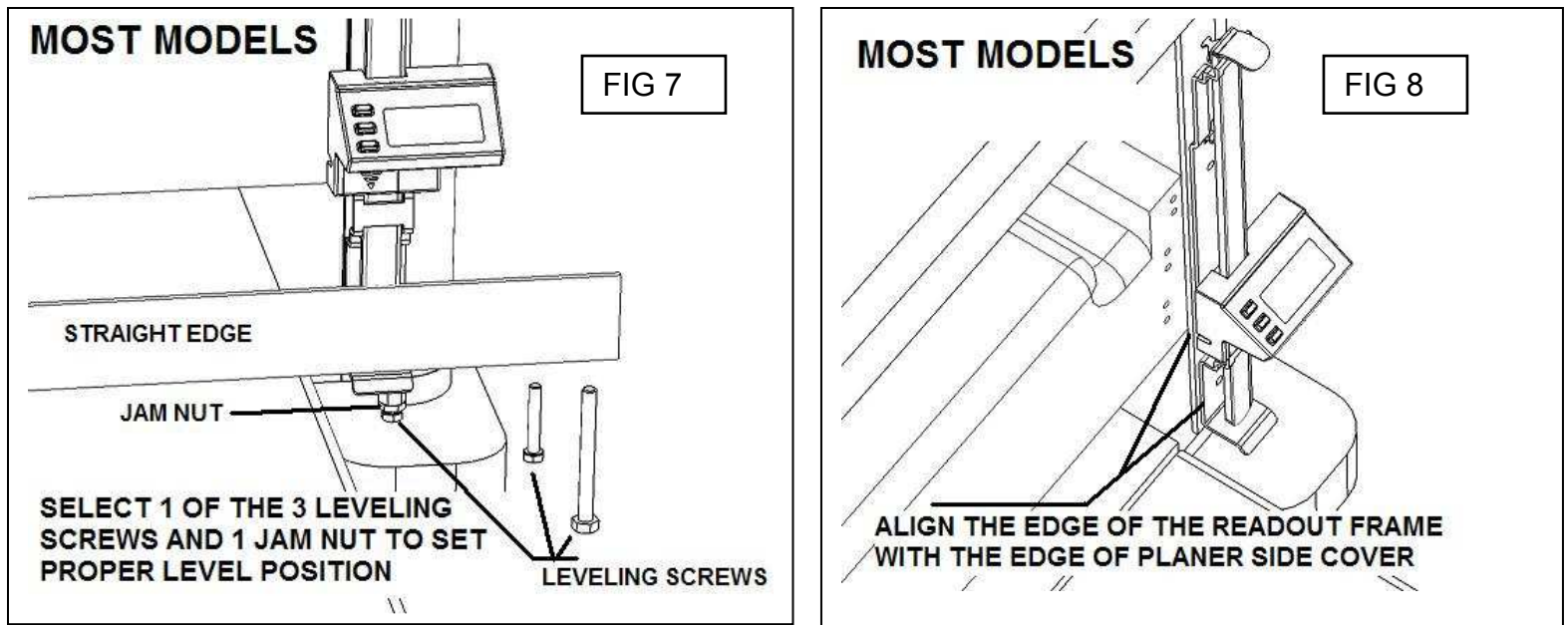


2- Position the Readout assembly

Although the WR510 Planer Readout will function properly mounted many ways, it is recommended that the foot of the frame is mounted level to or slightly above the surface of the planer table of your planer (FIG 5 and FIG 6). It is very important that the foot is never lower than the planer table as it will cause calibration problems (see trouble shooting in section 10)



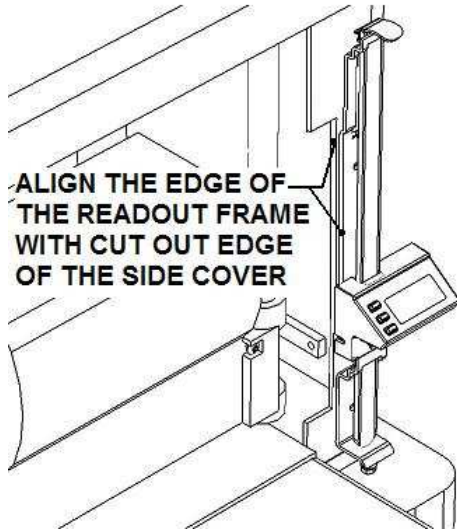
Most planer models have a portion of their base casting that can support a leveling screw as shown in FIG 7. Typically the frame of the Planer Readout will align with the edge of the side cover as shown in FIG 8. See FIG 9 for aligning the frame with the Delta model 22-580 and FIG 10 for the Dewalt Model DW735



DELTA 22-580 ONLY

FIG 9

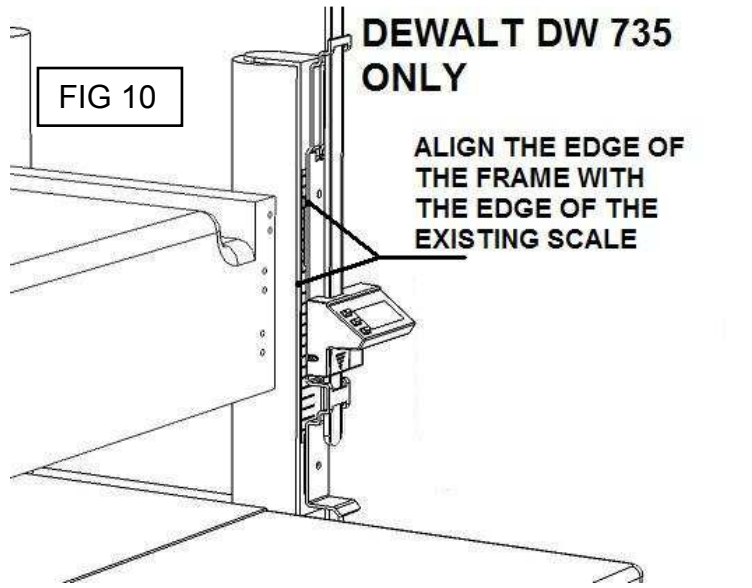
ALIGN THE EDGE OF
THE READOUT FRAME
WITH CUT OUT EDGE
OF THE SIDE COVER



DEWALT DW 735 ONLY

FIG 10

ALIGN THE EDGE OF
THE FRAME WITH
THE EDGE OF THE
EXISTING SCALE



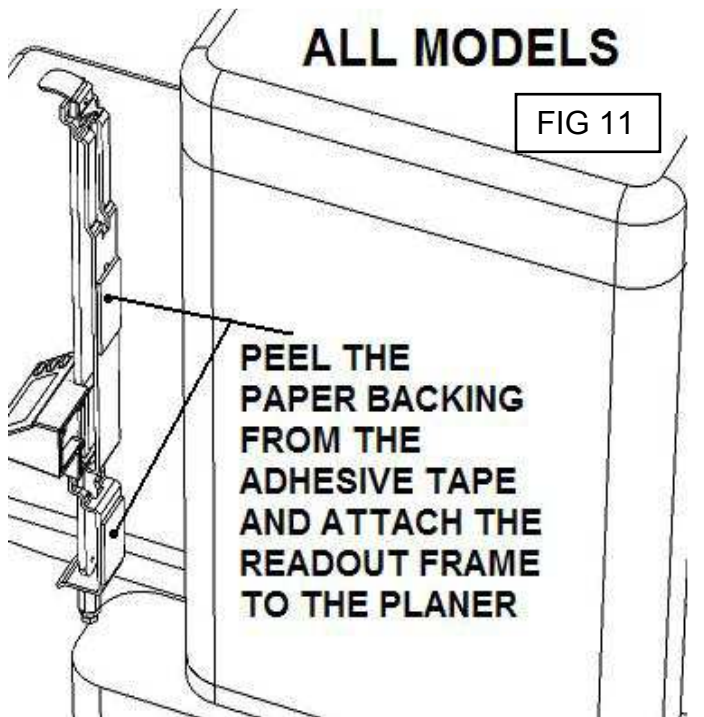
3- Attach the Readout assembly to your Planer

Peel the paper backing from the foam tape and attach the Readout assembly to your planer as shown in FIG 11. If you are using a leveling screw the high strength foam tape will secure your Readout assembly indefinitely. For installations that do not use the leveling screw such as the Dewalt model DW735 and for a more secure mounting you can permanently attach the assembly using thread forming screws as shown in FIG 12.

ALL MODELS

FIG 11

PEEL THE
PAPER BACKING
FROM THE
ADHESIVE TAPE
AND ATTACH THE
READOUT FRAME
TO THE PLANER

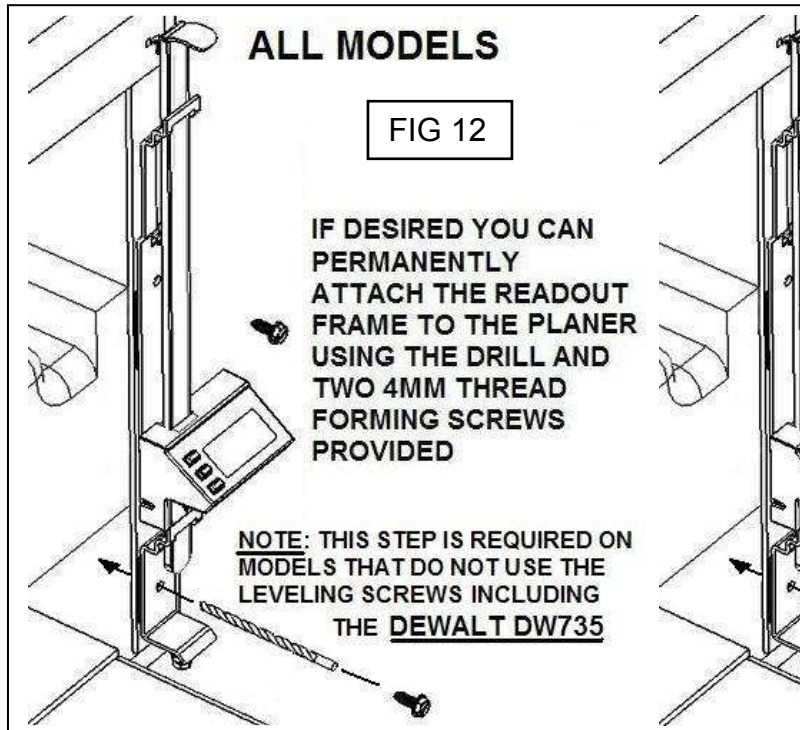


ALL MODELS

FIG 12

IF DESIRED YOU CAN
PERMANENTLY
ATTACH THE READOUT
FRAME TO THE PLANER
USING THE DRILL AND
TWO 4MM THREAD
FORMING SCREWS
PROVIDED

NOTE: THIS STEP IS REQUIRED ON
MODELS THAT DO NOT USE THE
LEVELING SCREWS INCLUDING
THE DEWALT DW735



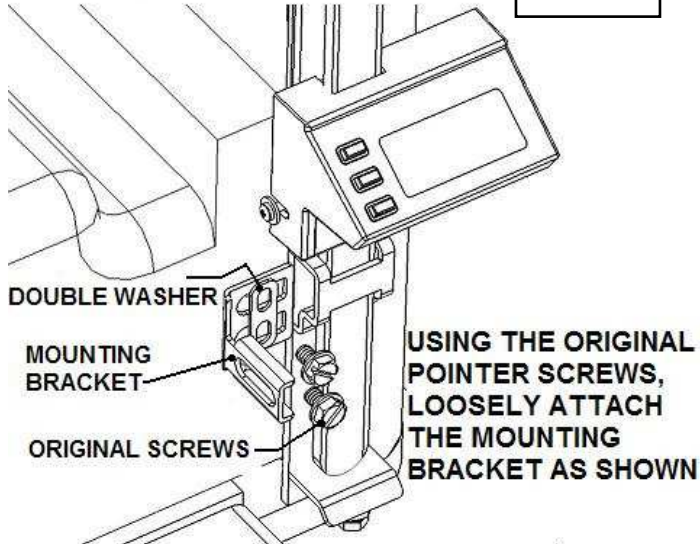
4- Attach the mounting bracket to your Planer

For most models you can attach the mounting bracket where the original pointer was located using the original screws as shown in FIG 13. If this is not possible or the original pointer location does not locate the mounting bracket in the proper position refer to FIG 14.

To attach the mounting bracket to the Delta model 22-580 use the special Delta bracket supplied with the WR510 kit and attach it as shown in FIG 15 and FIG 16.

MOST MODELS

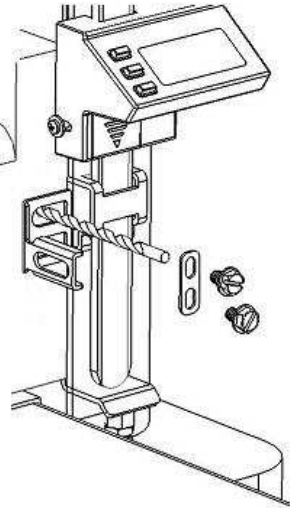
FIG 13



SOME MODELS

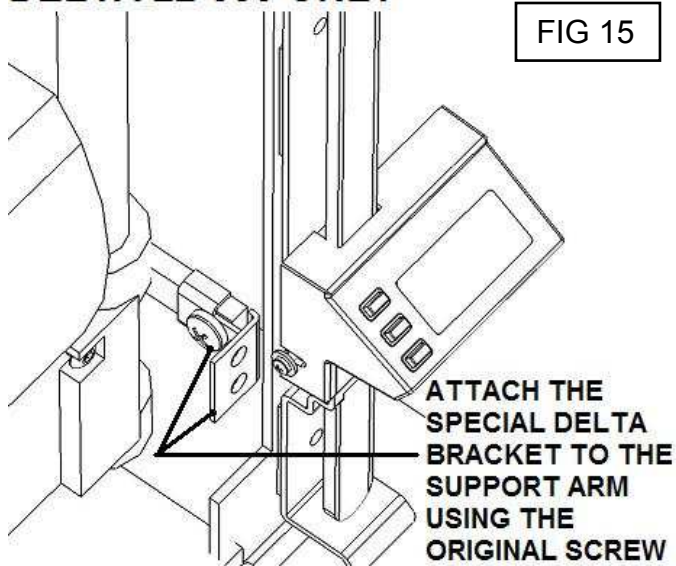
FIG 14

IF THE MOUNTING BRACKET CAN NOT BE PROPERLY POSITIONED USING THE ORIGINAL POINTER SCREW LOCATIONS, IT CAN BE ATTACHED USING THE DRILL AND TWO 4MM THREAD FORMING SCREWS PROVIDED



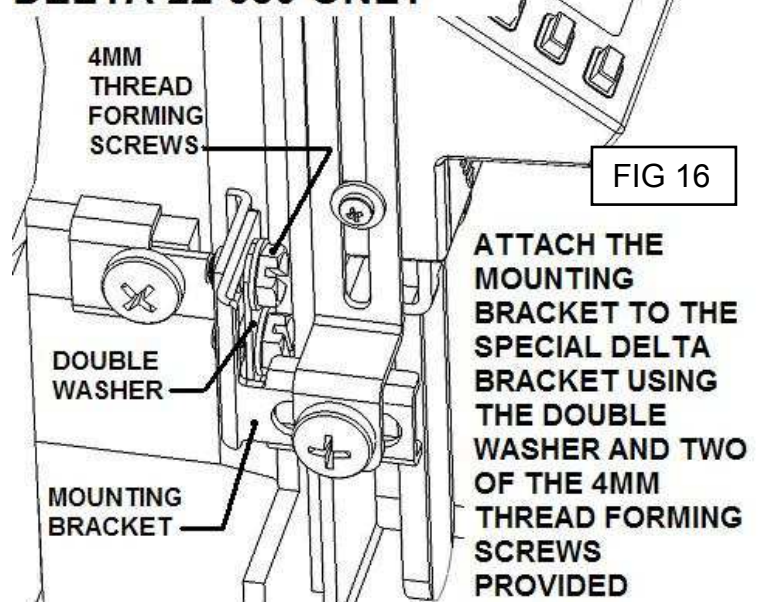
DELTA 22-580 ONLY

FIG 15



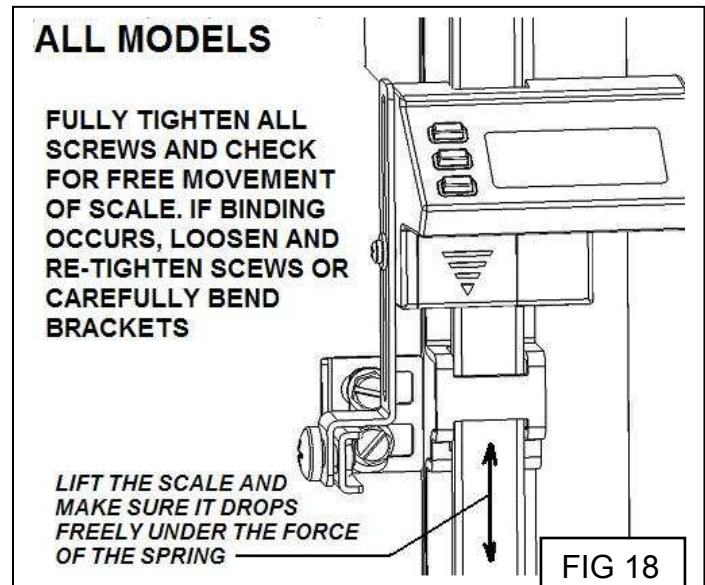
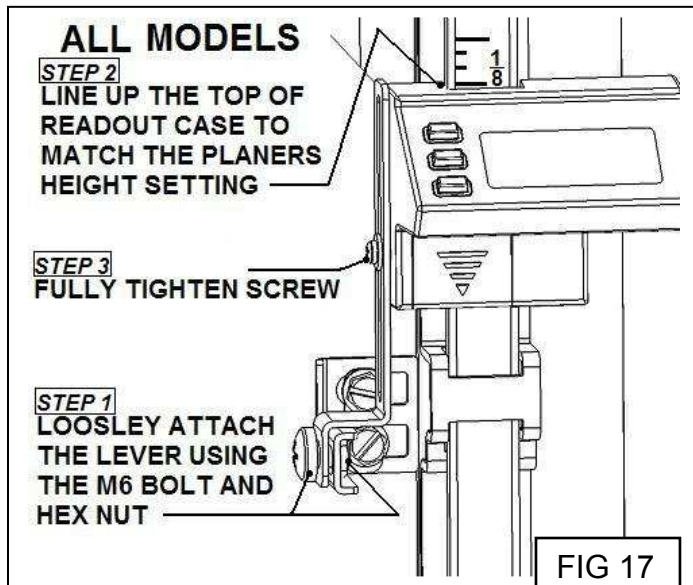
DELTA 22-580 ONLY

FIG 16



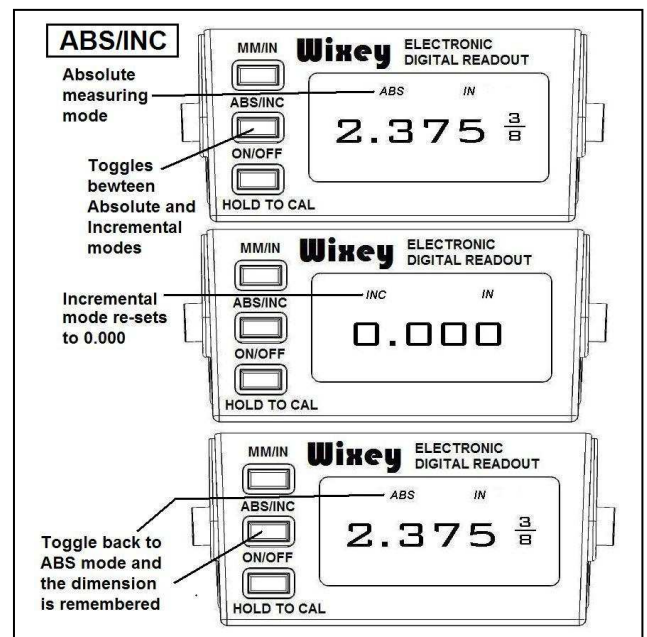
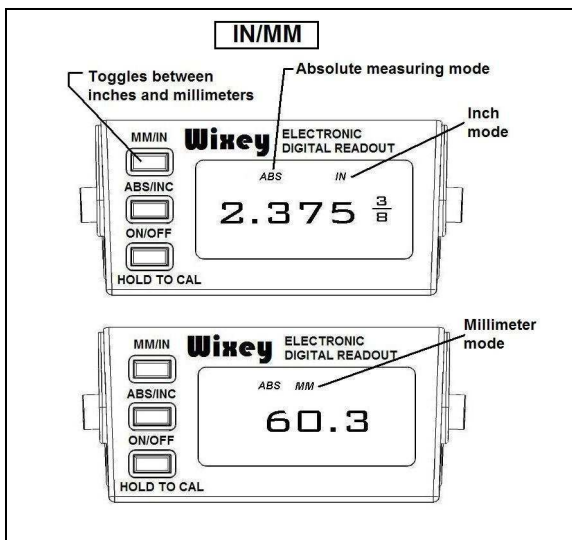
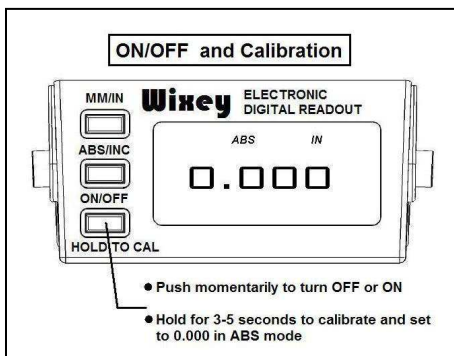
5- Adjust the Readout

Adjust the position of the readout as shown in FIG 17 and FIG 18.



Note: If the scale does not slide freely after following the steps in FIG 18, refer to **Trouble shooting** in section 10

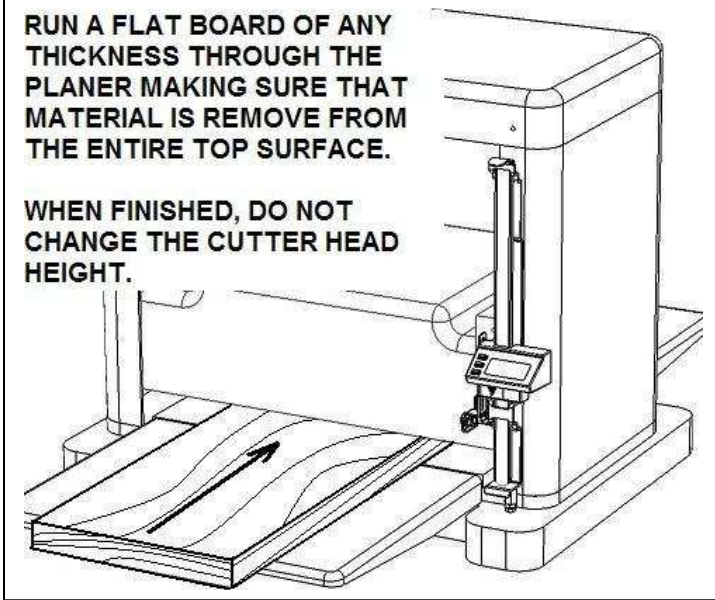
6- Readout operation



7-Calibration

RUN A FLAT BOARD OF ANY THICKNESS THROUGH THE PLANER MAKING SURE THAT MATERIAL IS REMOVE FROM THE ENTIRE TOP SURFACE.

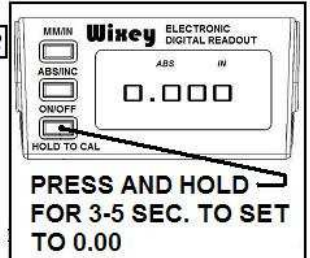
WHEN FINISHED, DO NOT CHANGE THE CUTTER HEAD HEIGHT.



STEP 1

LIFT THE SCALE AND PLACE THE FRESHLY PLANED BOARD BETWEEN THE FOOT OF THE FRAME AND THE ROUNDED END OF THE SCALE.

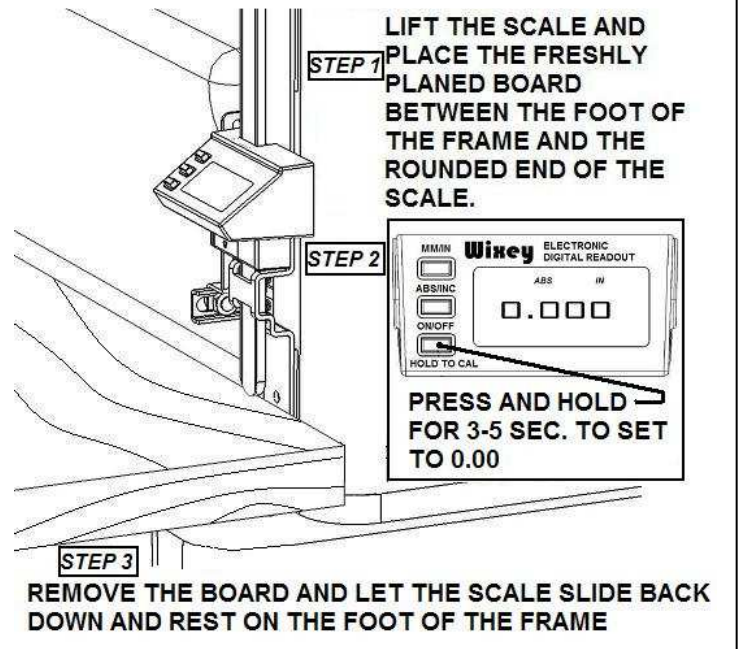
STEP 2



PRESS AND HOLD FOR 3-5 SEC. TO SET TO 0.00

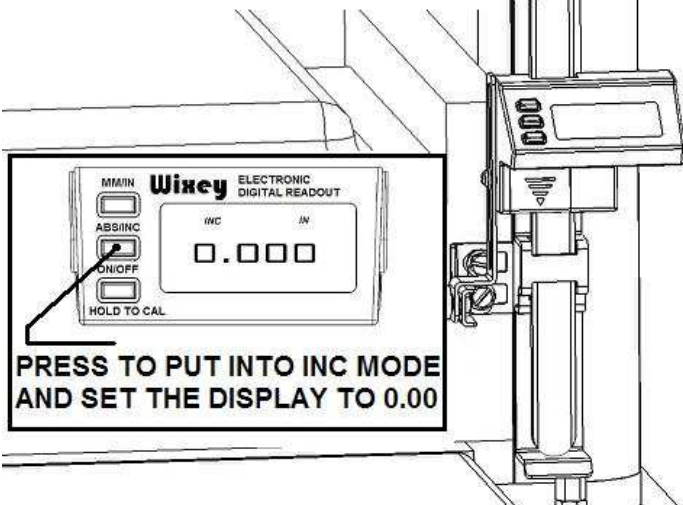
STEP 3

REMOVE THE BOARD AND LET THE SCALE SLIDE BACK DOWN AND REST ON THE FOOT OF THE FRAME



8- Measuring a board

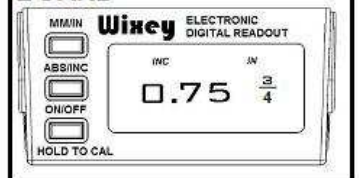
THE CUTTER HEAD CAN BE LEFT IN ANY POSITION



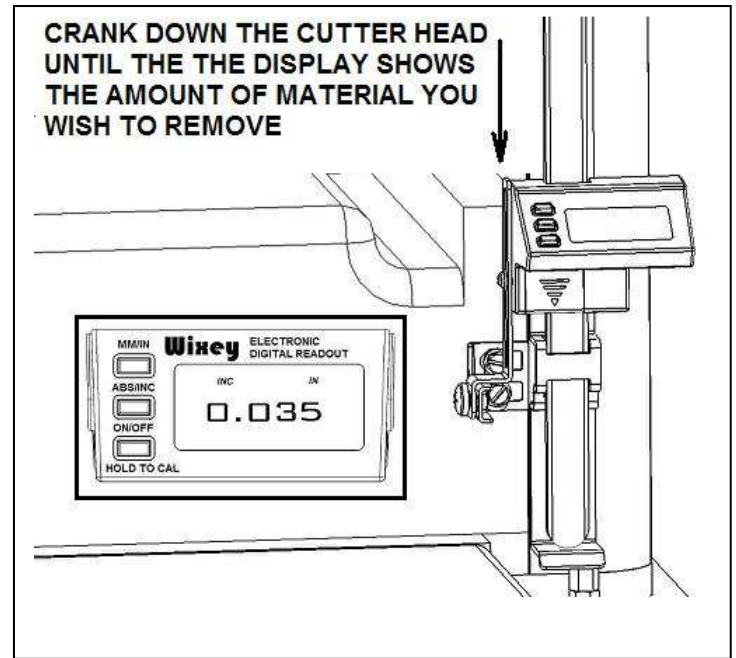
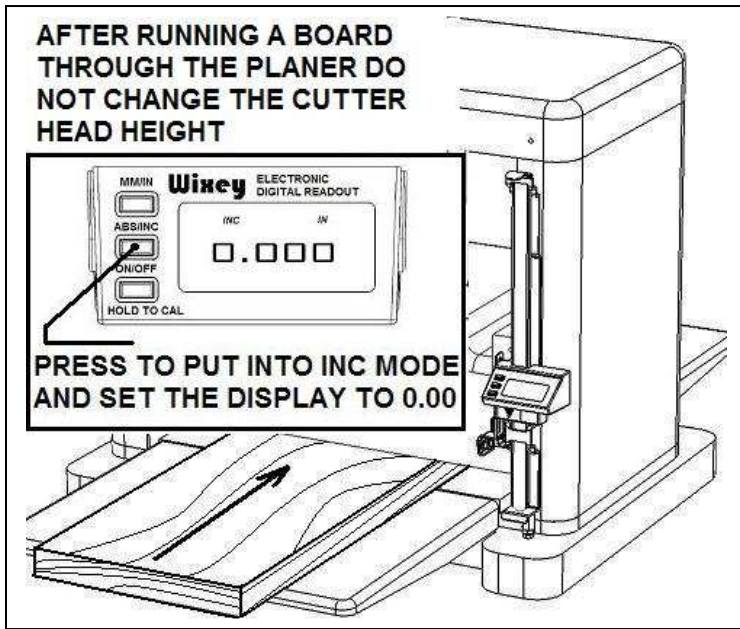
PRESS TO PUT INTO INC MODE AND SET THE DISPLAY TO 0.00

LIFT THE SCALE AND PLACE THE BOARD TO BE MEASURED BETWEEN THE FOOT OF THE FRAME AND THE ROUND END OF THE SCALE

THE DISPLAY SHOWS THE THICKNESS OF THE BOARD

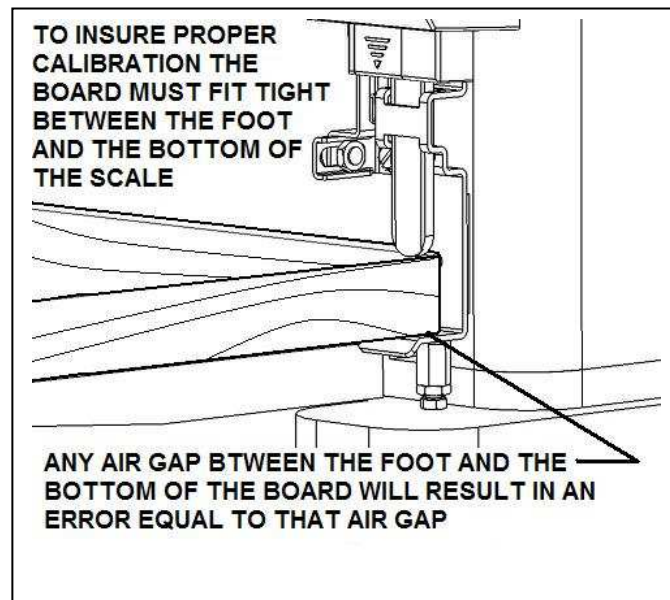


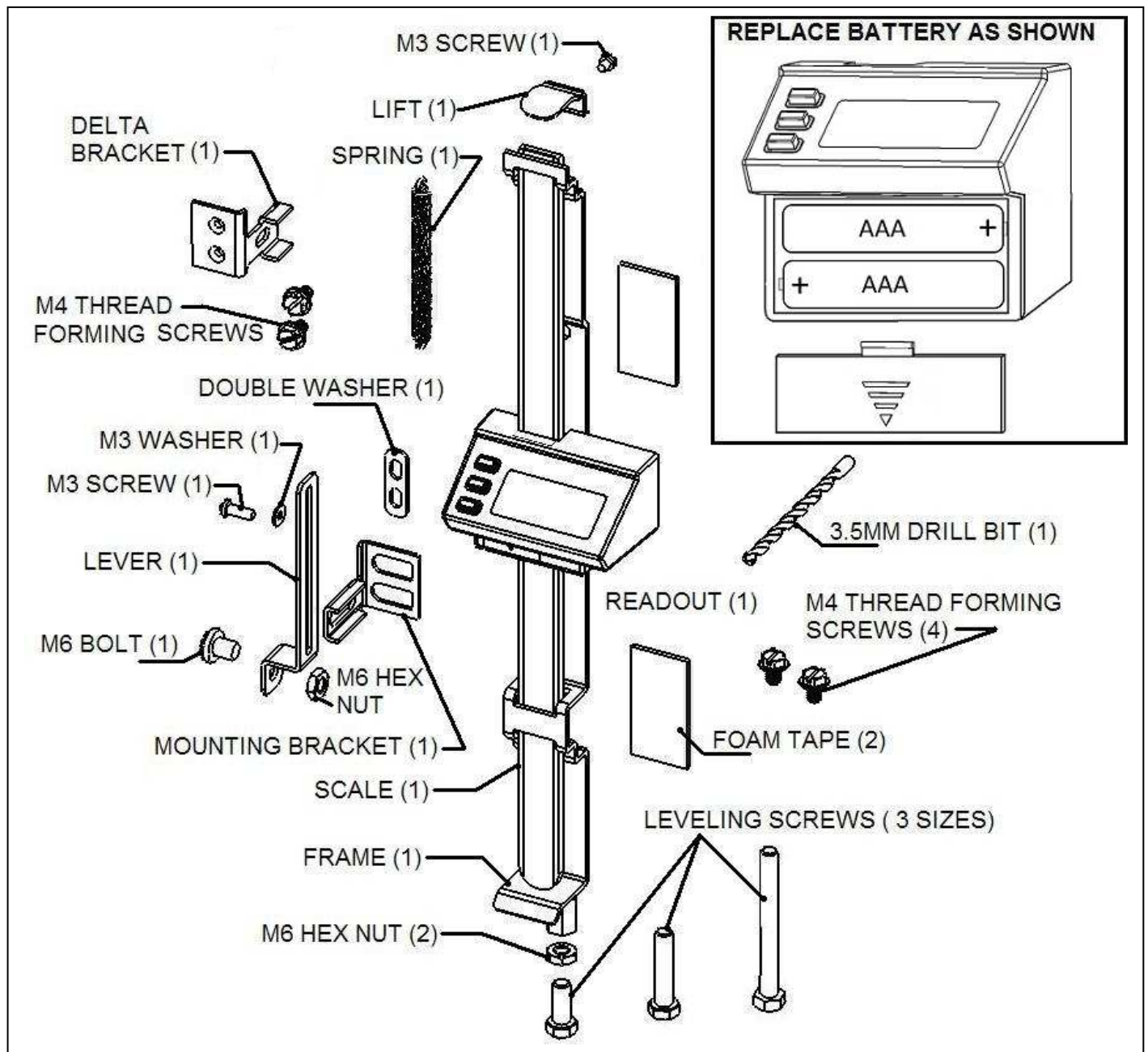
9-removing a precise amount of material



10- Trouble shooting

Problem	Possible Cause	Solution
Flashing Digits	Low Voltage	Replace Batteries
No Display	Low Voltage	Replace Batteries
No Display	Bad Contact	Clean Batteries
Erratic or Frozen Display	Internal Error	Remove Batteries, Wait 1 Minute and Replace





For questions, comments, and application examples go to: www.machine-dro.co.uk