



# **BAND-IT-IDEX, INC.**

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## CALIBRATING FRAME FOR CALIBRATION DEVICE A502

THE CALIBRATION DEVICE CAN BE CALIBRATED TO WITHIN  $\pm 1$  LB. OF ACTUAL DYNAMOMETER READINGS IN THE 60 TO 170 LB. RANGE.

REMOVE TOOL MOUNTING BRACKETS FROM CALIBRATION DEVICE AND ASSEMBLE TO CALIBRATION FRAME AS SHOWN.

USE .250" WIDE X .020" THICK CLEAN, UNDAMAGED 304 STAINLESS STEEL BAND. ATTACH ONE END OF BAND TO UPPER HEAD OF DYNAMOMETER AND INSERT OTHER END INTO CALIBRATION DEVICE WHILE HOLDING DOWN BAND RELEASE BUTTON.

SLOWLY APPLY TENSION TO BAND AND STOP BETWEEN 60 AND 170 LB. DYNAMOMETER READING. ADJUST CALIBRATION DEVICE READING TO MATCH DYNAMOMETER READING BY INSERTING A SCREWDRIVER INTO ADJUSTMENT ACCESS HOLE AND TURN CALIBRATION ADJUSTMENT SCREW CLOCKWISE TO DECREASE CALIBRATION DEVICE READ OUT OR COUNTERCLOCKWISE TO INCREASE IT (1 FULL TURN = 1 LB. APPROX.).

REMOVE TENSION FROM BAND AND PRESS BAND RELEASE BUTTON TO REMOVE BAND. REPEAT CALIBRATION PROCEDURE AS STATED ABOVE TO VERIFY ANY ADJUSTMENTS MADE.

