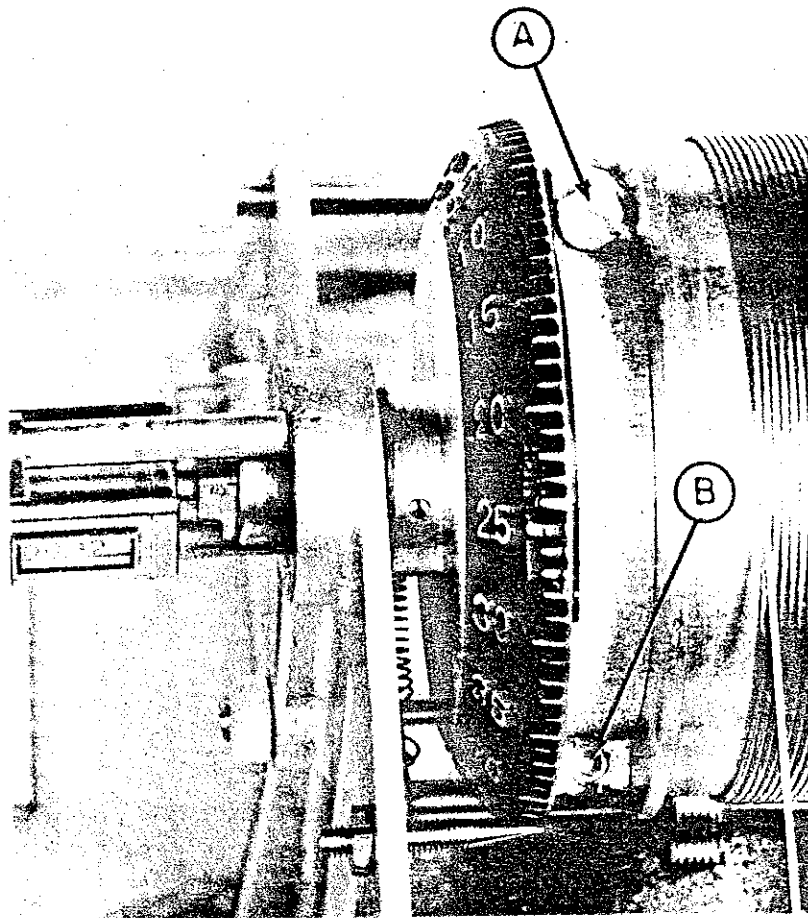


INSTRUCTIONS FOR ADJUSTING CHECK-BAR READING TYPE "A" WIRE-WEIGHT RIVER GAGE



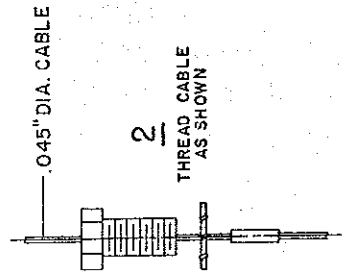
ADJUSTMENT IS REQUIRED—
When observed check-bar
reading differs by 0.03 ft.,
or more from correct reading.

CAUTION: Do not adjust gage
until determining that cable is
evenly wound on drum; i. e.;
no overlapping or open spaces
between cable strands. Never
adjust gage of another agency
without specific approval.

REPORT OF ACTION: Submit
appropriate inspection form
giving observed check-bar read-
ing before and after gage adjust-
ment. A discrepancy of 0.06 ft.
in observed check-bar reading
requires correction of past records.

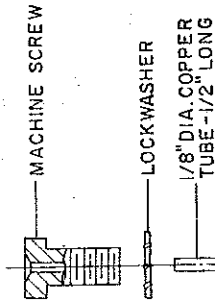
ADJUSTING PROCEDURE

1. Loosen the index wheel friction clamp, which holds the drum to the shaft, by means of screw (A), and if necessary screw (B). CAUTION: Hold drum firmly as clamp is loosened and do not release until adjustment has been completed.
2. Rotate drum until weight barely rests on the check-bar.
3. Turn gage handle until veeder counter and index wheel indicate correct check-bar reading. Tighten friction clamp screws (A) and (B).
4. Lower weight to water surface and rewind cable. Observe check-bar reading. If correct reading is not obtained repeat adjusting procedure.
5. The gage handle may require adjustment to permit closing of gage cover. This is accomplished by rotating the position of the handle on the drum shaft.



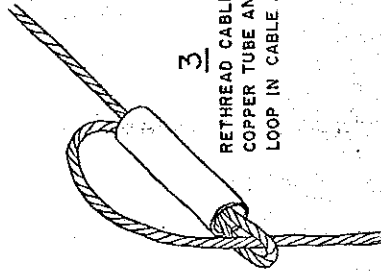
2

THREAD CABLE AS SHOWN



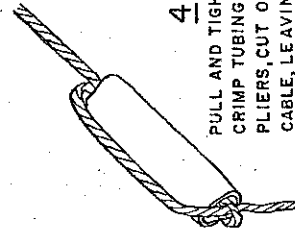
1
DISASSEMBLE

CAUTION! DO NOT LOSE SMALL COPPER TUBE, WHICH WILL DROP OUT OF INVERTED WEIGHT



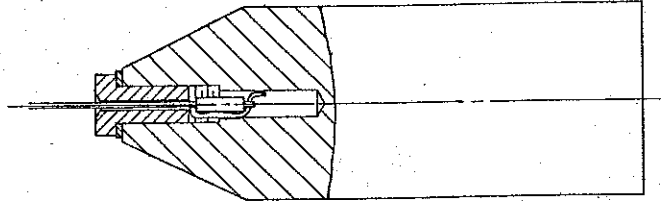
3

RETHREAD CABLE THRU COPPER TUBE AND BOTTOM LOOP IN CABLE AS SHOWN



4

PULL AND TIGHTEN CABLE. CRIMP TUBING LIGHTLY WITH PLIERS, CUT OFF EXCESS CABLE, LEAVING APPROX. 1/4" TO 1/2" EXTENDING THRU LOOP



5

REASSEMBLE AND ADJUST GAGE TO PROPER CHECK-BAR READING

U.S. DEPT. OF COMMERCE		WASHINGTON 25, D.C.	
WEATHER BUREAU		INSTRUMENTAL ENGINEERING DIVISION	
INSTRUCTIONS FOR ATTACHING WEIGHT TO CABLE ON WIRE-WEIGHT WATER LEVEL GAGE			
APPROVED BY	DRAWN BY	DRAWING NO.	DATE
	E.A. GARDNER		JULY 15, 1957
SCALE			