

# **T-28 ELECTRONIC DIPSTICK KIT**

This kit is for the original 8 gallon T28 tank. The probe will also work in the 14 gallon "D" tank but will not read to the bottom of the tank. Aerocrafters of Santa Rosa CA recently fitted a "D" tank with a longer probe that goes all the way to the bottom of the tank. Call for details.

The kit includes a 500A indicator that has been modified to produce an over-temperature alarm at 95 degrees C and a probe with a 0.25 inch dia sleeve soldered in place to facilitate mounting in the existing T-28 dipstick bung.

The bung modification involves simple drill press and tapping operations (see opposite side).

The kit also includes the necessary RG178 coax cable and connectors (version II extension cable kit) to allow running the probe cable through holes as small as 0.15 inch dia.

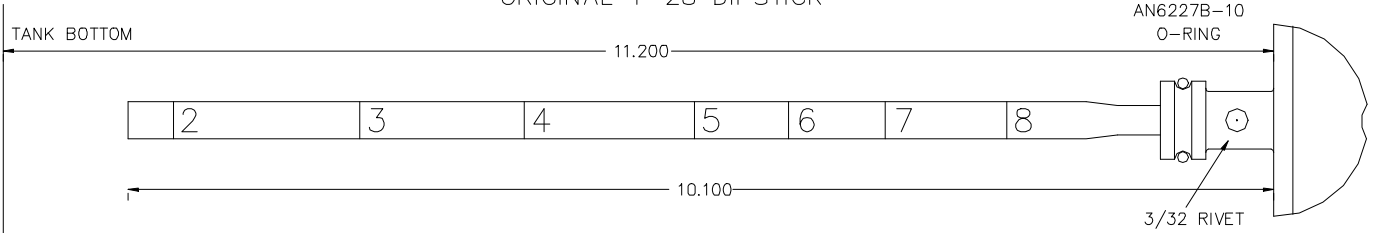
## **PACKING LIST**

1	500A-T28	INDICATOR
1	0-9.5-1.2-V2	OIL PROBE (8 GALLON TANK)
1	0500-0009	POWER HARNESS ASSY
1	0500-0010	MOUNTING BRACKET KIT
1	0500-0022	VERSION II CABLE KIT
1	RG178	COAX, RG178, TEFLON, 30 ft
2		6-32 X 0.125 SET SCREW
1		TUBE LOCTITE 271
1		SKINNY-DIPPER MANUAL
1		T-28 DIPSTICK PROCESS DWG
1		VERSION II CABLE DWG

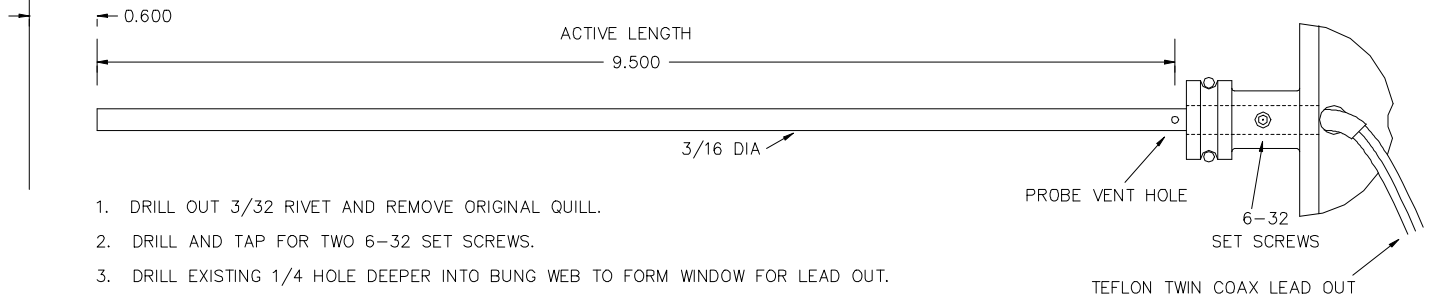
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OVER

## ORIGINAL T-28 DIPSTICK



## PROBE INSTALLATION USING ORIGINAL T-28 BUNG.



1. DRILL OUT 3/32 RIVET AND REMOVE ORIGINAL QUILL.
2. DRILL AND TAP FOR TWO 6-32 SET SCREWS.
3. DRILL EXISTING 1/4 HOLE DEEPER INTO BUNG WEB TO FORM WINDOW FOR LEAD OUT.
4. DRILL 1/4 THRU BUNG WEB TO CLEAN UP WINDOW.
- 4.1 UNSCREW CONNECTOR BODIES AND UNSOLDER FROM LEADS.
5. INSERT LEADS AND PROBE UNTIL 1/4 INCH SECTION IS FLUSH WITH BUNG BOTTOM.
6. COAT SET SCREWS WITH LOCTITE 271 AND TIGHTED.
7. FORM A BEAD OF LOCTITE BETWEEN THE 1/4 BRASS TUBE AND THE BUNG.
8. RE-INSTALL CONNECTORS.