

PRESSURE TESTING

B LEAK LOCATOR—COLLECTOR

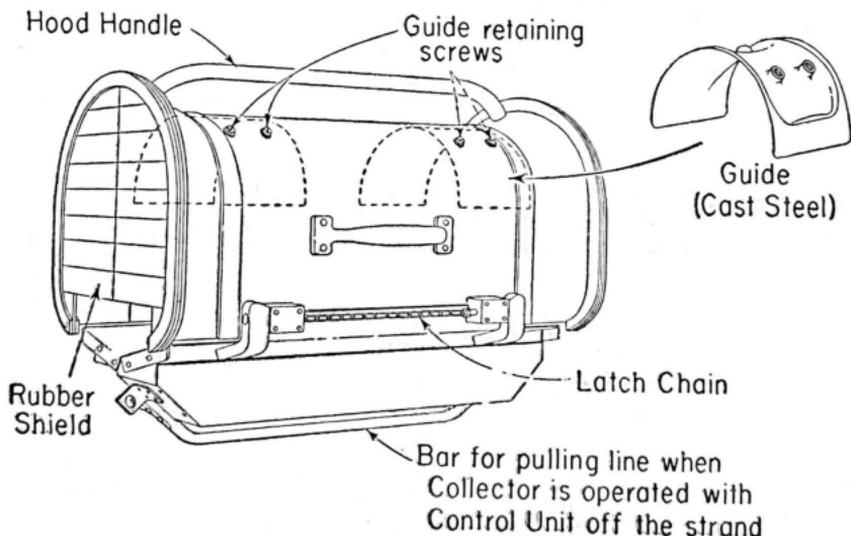
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1. GENERAL

1.01 This section describes the collector unit of the B Leak Locator and covers maintenance that can be done in the field.

2. DESCRIPTION

2.01 The following illustrates the collector and indicates its major features.



2.02 The unit is a metal hood that fits around the cable and strand and serves as the Freon collector and wind-shield. The flexible shields at each end of the collector make a self-adjusting closure around cables of various sizes, to confine any Freon escaping from the cable.

2.03 The hood is equipped with two hardened steel guides to take the wear that occurs in drawing the collector along the strand over cable rings, strand clamps and other attachments.

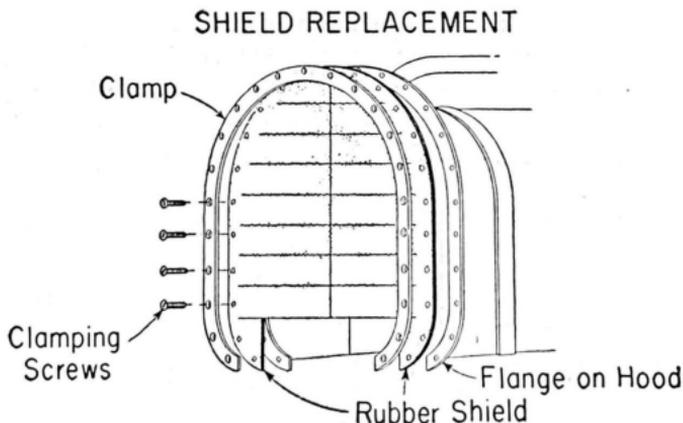
2.04 The lower part of the collector, which holds the detector, is hinged to the hood and is equipped with a chain operated latch to facilitate placing on the cable and transferring around poles.

3. MAINTENANCE

3.01 **Guides:** No particular wear has been observed on the hardened steel guides. It is expected that they will remain serviceable as long as the aluminum hood.

3.02 Each guide is held in place by four 1/4-20 x 7/16 in. Fillester head, steel machine screws and spring long washers. Lock washers are provided to prevent loosening as the hood rides over irregularities.

3.03 **Replacing Rubber Shield:** The following illustration shows the method of replacing worn shields.



3.04 The shields will ordinarily require replacement after covering approximately 25 miles of cable.

3.05 **Oiling:** The latch pins and the hinge should be oiled lightly about once per week assuming that the collector is in daily use. Use a light machine oil.

4. REPLACEMENT PARTS

4.01 The following are replacement parts.

Collector, for B Leak Locator (complete)

Shield, for B Leak Locator (2 required)