

Fig. 1

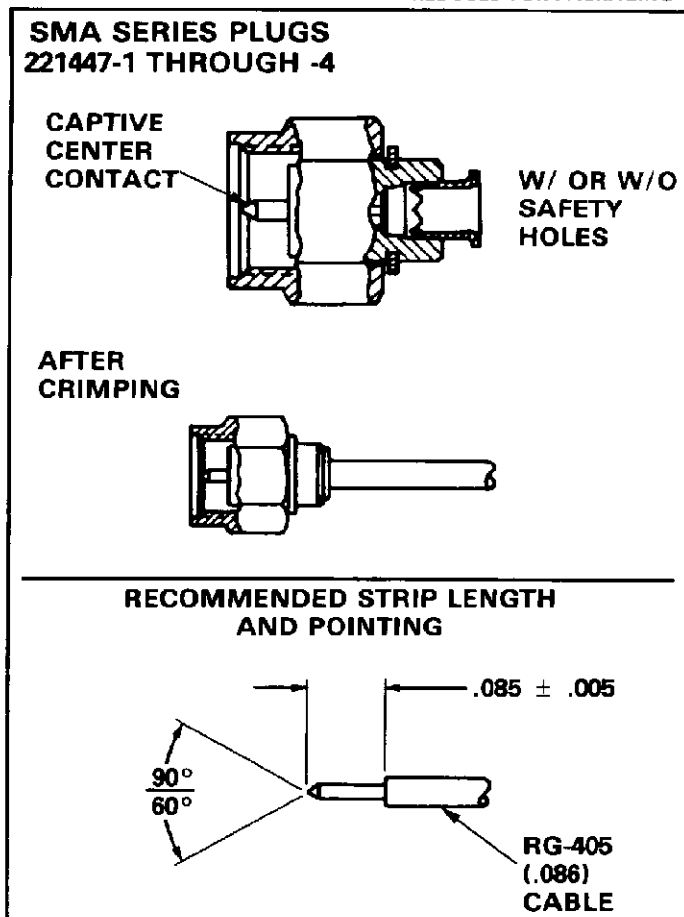


Fig. 2

1. INTRODUCTION

This instruction sheet (IS) covers the installation and use of AMP Locator 313123-1, shown in Figure 1. This locator must be installed in AMP Pneumatic Tool 59964-1 so that the tool can be used to crimp SMA Series Plugs 221447-1 through -4 to RG-405 (.086) semi-rigid coaxial cable, shown in Figure 2.

Refer to IS 6744 (packaged with the tool) for application and maintenance procedures for AMP Pneumatic Tool 59964-1. Read all instructions thoroughly before proceeding.

NOTE

All dimensions on this sheet are in inches unless otherwise specified.

2. DESCRIPTION (Figures 1 and 2)

Each locator features a plug end with a machined hole that is designed to position the prepared cable/connector assembly for crimping. SMA Series Plugs 221447-1 through -4 feature a plug body assembly with a *captive* center contact. The -3 and -4 plugs also feature safety wire holes; the -1 and -2

plugs do not have these holes. Note that the RG-405 cable must be properly stripped and pointed, according to the dimensions given in Figure 2, to ensure a sound connection.

3. LOCATOR INSTALLATION

Refer to IS 6744, supplied with AMP Pneumatic Tool 59964-1, and IS 9208 concerning installation of dies (either standard Die Set 220242-1 or optional Die Set 220242-2).

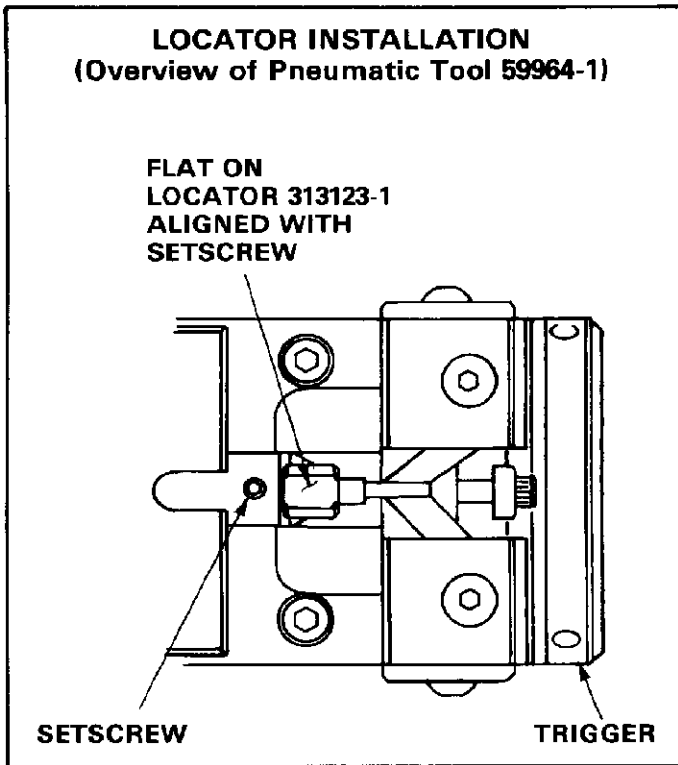
NOTE

The standard die set (220242-1) requires a minimum straight cable length of .750 in. to apply SMA 221447 plug connectors. The optional die set (220242-2), with its thinner crimp area, requires .650 in. of straight cable to apply the SMA plug connectors shown in Figure 2. Refer to IS 9208 for die installation procedures.

CAUTION

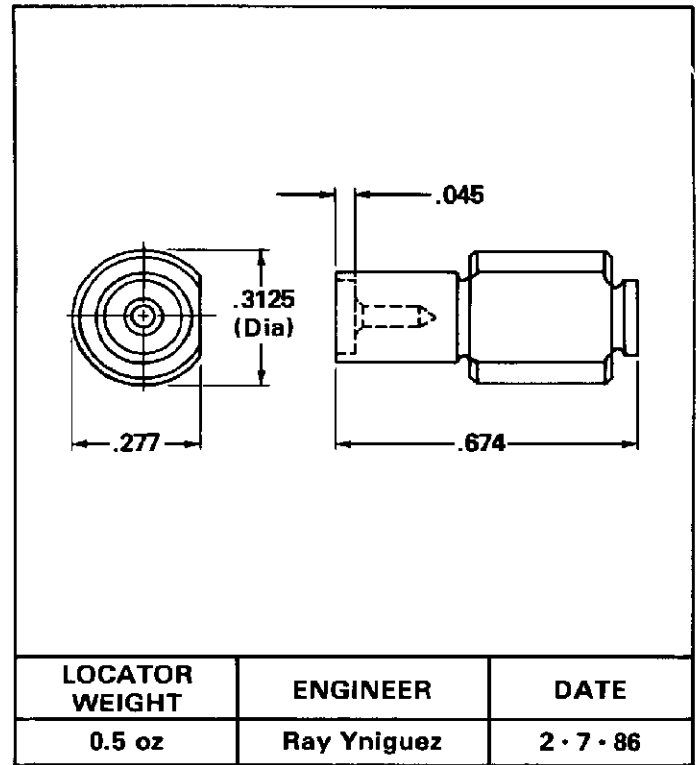
Do NOT use any of the locators packaged with the pneumatic tool to crimp SMA Plugs 221447-1 through -4, or improper terminations will result.

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Insert Locator 313123-1, shown in Figure 1, into the tool by *carefully* following the procedures given in IS 6744. When installing the locator, ensure that:

1. The jack end of the locator is inserted into the tool. (Note that the jack end is the same as the jack end on the other locators packaged with the tool.)
2. The flat side of the locator faces UP. See Figure 3.
3. The locator is firmly bottomed in the tool before tightening setscrew.



4. TOOLING CERTIFICATION

Locator 313123-1 should be certified with the information provided in Figure 4. AMP recommends that the locator be inspected immediately upon its arrival at your location, and at regularly scheduled intervals, to ensure that the locator has not become worn or damaged.

Locator 313123-1 may be purchased by ordering by part number from:

AMP Incorporated
Customer Repair
1523 North 4th Street
Harrisburg, PA 17102-1604

or a wholly-owned subsidiary of AMP Incorporated.