

Fig. 1

1. INTRODUCTION

This instruction sheet covers the installation of the AMP Flexible Metal Conduit Connectors listed in Figure 1. These connectors are designed for use with flexible metal conduit and junction boxes or metal panels that have been listed by Underwriters' Laboratories (UL).

Read this material thoroughly before installing any connectors.

2. DESCRIPTION (Figure 1)

Connectors are available for 1/2 and 3/8-in. diameter conduit. Each connector consists of an insulated body and cover, and a metal retainer. In addition to holding the conduit and connector in position, the metal retainer provides a ground for the junction.

3. FLEXIBLE METAL CONDUIT PREPARATION

Cut the conduit in the usual manner — there is no special method required. However, as with any other

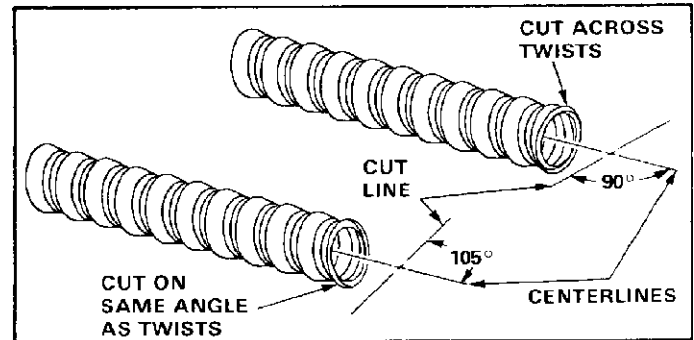


Fig. 2

method of application, care must be taken to prevent deformation of the conduit end. See Figure 2 for suggested cuts.

4. CONNECTOR INSTALLATION (Figure 3)

Tools are not required for connector installation. Proceed as follows:

1. Align BACK of connector with conduit as shown in Figure 1.
2. Thread connector onto conduit until it bottoms (approximately 2 full turns).
3. Remove slug from junction box; do NOT bend or deform the box.
4. Insert wire exit of connector through hole in junction box until connector body bottoms on box. (A click will be heard as the lance engages the box.)
5. Cut off bridge between the body and cover.
6. Disengage cover from connector body and remove it from the junction box.
7. Lace wire through conduit and connector, and into junction box — then replace cover.

Additional wires can be added later by repeating Steps 6 and 7.

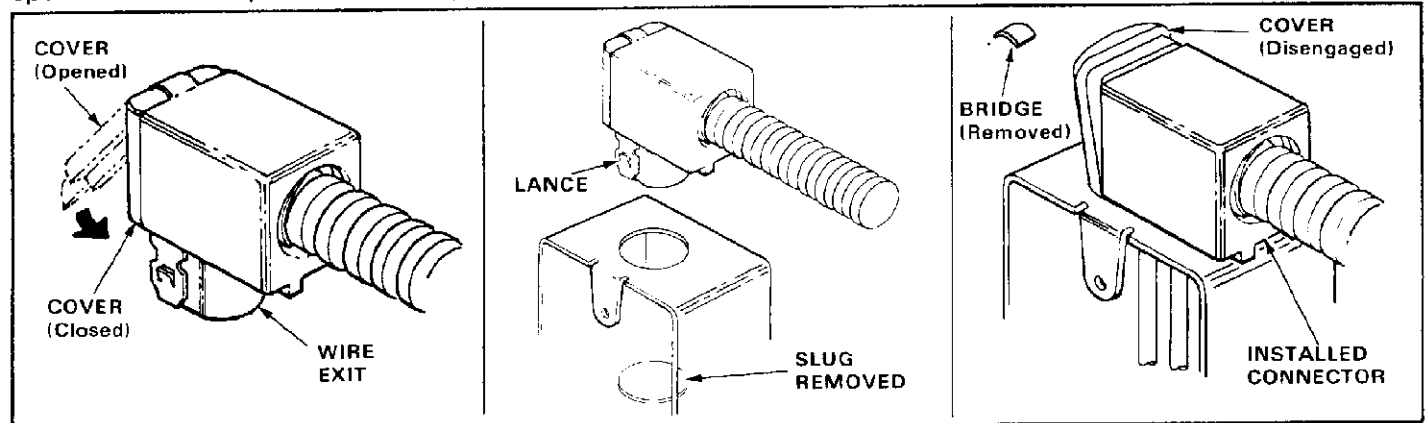


Fig. 3