

PROPER USE GUIDELINES

Cumulative Trauma Disorders can result from the prolonged use of manually powered hand tools. AMP hand tools are intended for occasional use and low volume applications. AMP offers a wide selection of powered application equipment for extended-use, production operations.

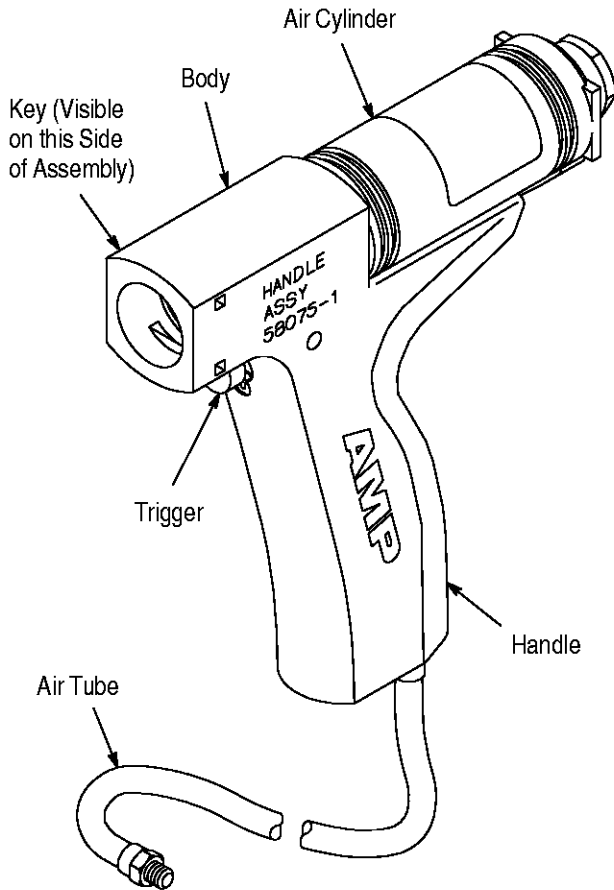


Figure 1

1. INTRODUCTION

AMP* Pistol Grip Pneumatic Handle Assembly 58075-1 accepts interchangeable terminating heads that terminate wires in AMP connectors. To ensure accurate termination of wires, setup adjustments, and head maintenance, refer to the instructions packaged with the terminating head.

NOTE

Dimensions in this document are in metric units [with U.S. customary units in brackets].

Reasons for reissue are provided in Section 7, REVISION SUMMARY.

2. DESCRIPTION

The pneumatic handle assembly features a molded nylon handle with a trigger and an air tube. The

handle holds an air cylinder with a key which retains the terminating head in the body and allows the head to be rotated. Refer to Figure 1.

In this use, the handle assembly fitted with the terminating head emits a maximum of 78 dB.

3. HEAD INSTALLATION AND REMOVAL

DANGER

To avoid personal injury, ALWAYS disconnect handle assembly from air supply when installing or removing the terminating head.

1. Position the blade tip of a screwdriver between the shoulder of the key and the handle assembly body. Pry and remove the key.
2. Insert the terminating head into the head entrance until the head bottoms. See Figure 2.
3. Replace the key to retain the head.
4. To remove the head, remove key and pull head out of the handle assembly.

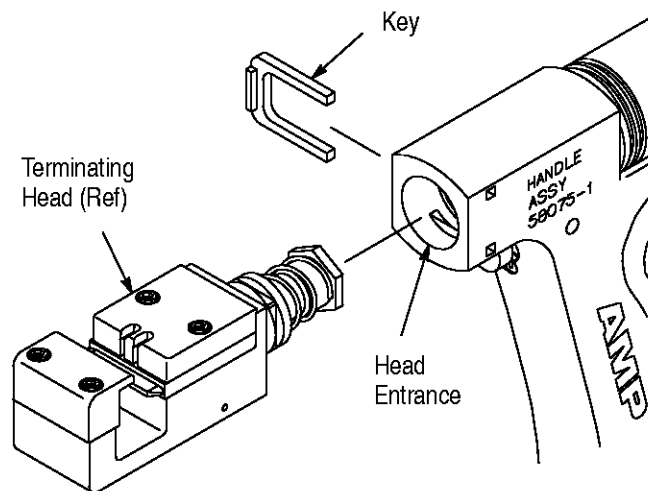


Figure 2

4. PNEUMATIC SETUP

AMP recommends that a regulator-filter-lubricator unit, with the lubricator adjusted to the minimum setting, be used with the handle assembly. See Figure 3.

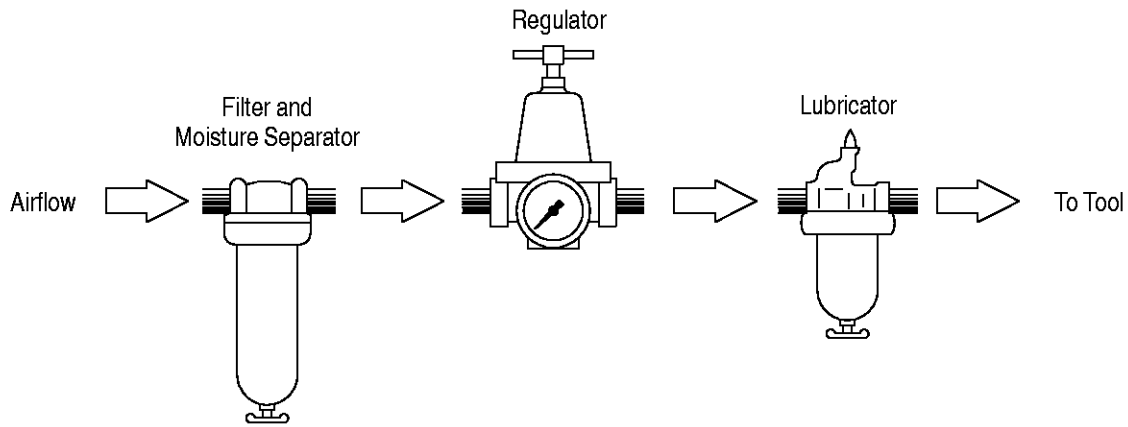


Figure 3

The handle assembly is designed to operate with an air pressure range of 276–483 kPa [40–70 psi]. Service life can be greatly extended when only the necessary air pressure is applied. Excessive pressure causes wear and strain on handle assembly components and the connectors.

5. MAINTENANCE AND INSPECTION

DANGER

To avoid personal injury, ALWAYS disconnect handle assembly from air supply when performing maintenance or inspection procedures.

AMP recommends that a maintenance and inspection program be performed periodically to ensure dependable and uniform terminations. Though recommendations call for at least one inspection a month, frequency of inspection depends on:

1. The care, amount of use, and handling of the handle assembly.
2. The presence of abnormal amounts of dust and dirt.
3. The degree of operator skill.
4. Your own established standards.

The handle assembly is inspected before being shipped; however, AMP recommends that the handle assembly be inspected immediately upon arrival at your facility to ensure that the handle assembly has not been damaged during shipment.

5.1. Daily Maintenance

Each operator should be aware of, and responsible for, the following:

1. Remove dust, moisture, and other contaminants with a clean brush, or soft, lint-free cloth. Do NOT use objects that could damage the handle assembly.

2. Ensure that all components are in place and properly secured.
3. With the terminating head in place, connect the air supply, then squeeze and release the trigger to ensure that the mechanisms and plunger move smoothly.

5.2. Periodic Inspection

1. Remove any accumulated film with a suitable cleaning agent that will not affect plastic material.
2. Make sure all components are in place and are properly secured. Refer to Figure 4. Check the handle assembly for chipped, cracked, worn, or broken areas. If damage is evident, repair is necessary. See Section 6, REPLACEMENT AND REPAIR.

6. REPLACEMENT AND REPAIR

Customer-replaceable parts are listed in Figure 4. A complete inventory can be stocked and controlled to prevent lost time when replacement of parts is necessary. Parts other than those listed should be replaced by AMP to ensure quality and reliability of the handle assembly. Order replacement parts through your AMP representative, or call 1-800-526-5142, or send a facsimile of your purchase to 717-986-7605, or write to:

CUSTOMER SERVICE (38-35)
AMP INCORPORATED
P.O. BOX 3608
HARRISBURG, PA 17105-3608

or

AMP OF GREAT BRITAIN LTD.
BARTON TORS
BIDEFORD
NORTH DEVON, ENGLAND

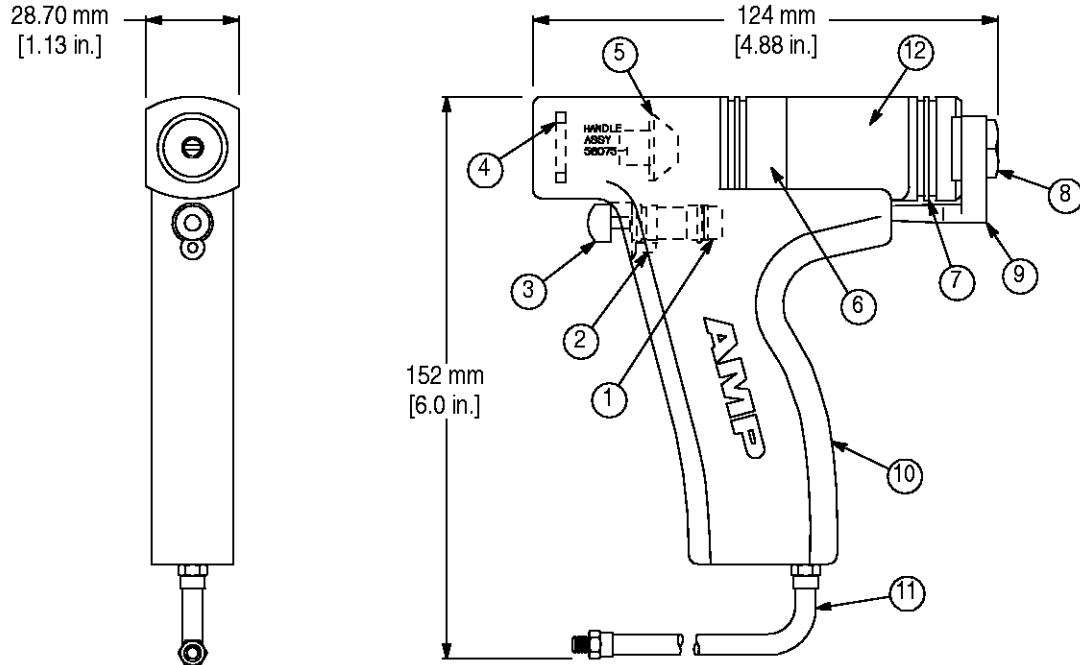
For handle assembly repair services or adjustments, contact an AMP representative at: 1-800-526-5136.

7. REVISION SUMMARY

The following changes were made since the previous release of this sheet:

Per EC 0990-0765-99

- Changed tool repair service information in Section 6, REPLACEMENT AND REPAIR
- Updated customer-replaceable parts list in Figure 4
- Updated document format



Weight: 510 g [1 lb, 2 oz]

ITEM	PART NUMBER	DESCRIPTION	QTY PER ASSEMBLY
1	27174-1	VALVE, Poppet	1
2	1-21003-3	SCREW, Flat Head, Socket Cap	1
3	28472-1	PUSH BUTTON TRIGGER, Valve Actuator	1
4	312140-1	KEY	1
5	312141-1	NUT, Cam Adjustment	1
6	312157-1	AIR CYLINDER	1
7	21086-6	O-RING	2
8	310421-1	PLUG, Cap	1
9	310424-1	BRACKET, Air Cylinder	1
10	312156-1	HANDLE	1
11	312622-2	SUBASSEMBLY, Air Tube	1
12	217915-1	LABEL, CE	1

Figure 4