

DESCRIPTION AND MAINTENANCE INSTRUCTIONS

GENERATOR INSTALLATION
ASSIST TOOLS

INFORMATION

1 During recent field visits by the AMC Specialist, frequent complaints were heard regarding the difficulty experienced by technicians during installation of 100 amp generators. Beech aircraft were approached for any suggestions that might ease the problem and they accordingly sent a photo and description of four assist tools that their personnel had developed and found of considerable assistance. These are reproduced in Figure 1 and described as follows:-

(a) A - is a portion of a one half inch box end wrench cut and welded to a one quarter inch rod and used for tightening the generator retaining nuts.

(b) B - is the end of a stud bolt welded to a length of piano wire and used for starting the

retaining nuts on the case studs.

(c) C - is another one half inch box end wrench portion bolted to a cable end fitting and welded to a one quarter inch rod. It is also used for tightening the retaining nuts.

(d) D - is a one sixteenth inch rod bent 90 degrees, flattened and shortened on the short end and welded to a screwdriver. It is used in running down the retaining nuts.

INSTRUCTION

2 It is not considered practical to manufacture and scale these tools to operators. However, units are encouraged to fabricate their own from scrap materials and give them a trial. With use, improved versions of the tools may be developed and if so, may be included in this leaflet as they become known to AMC.

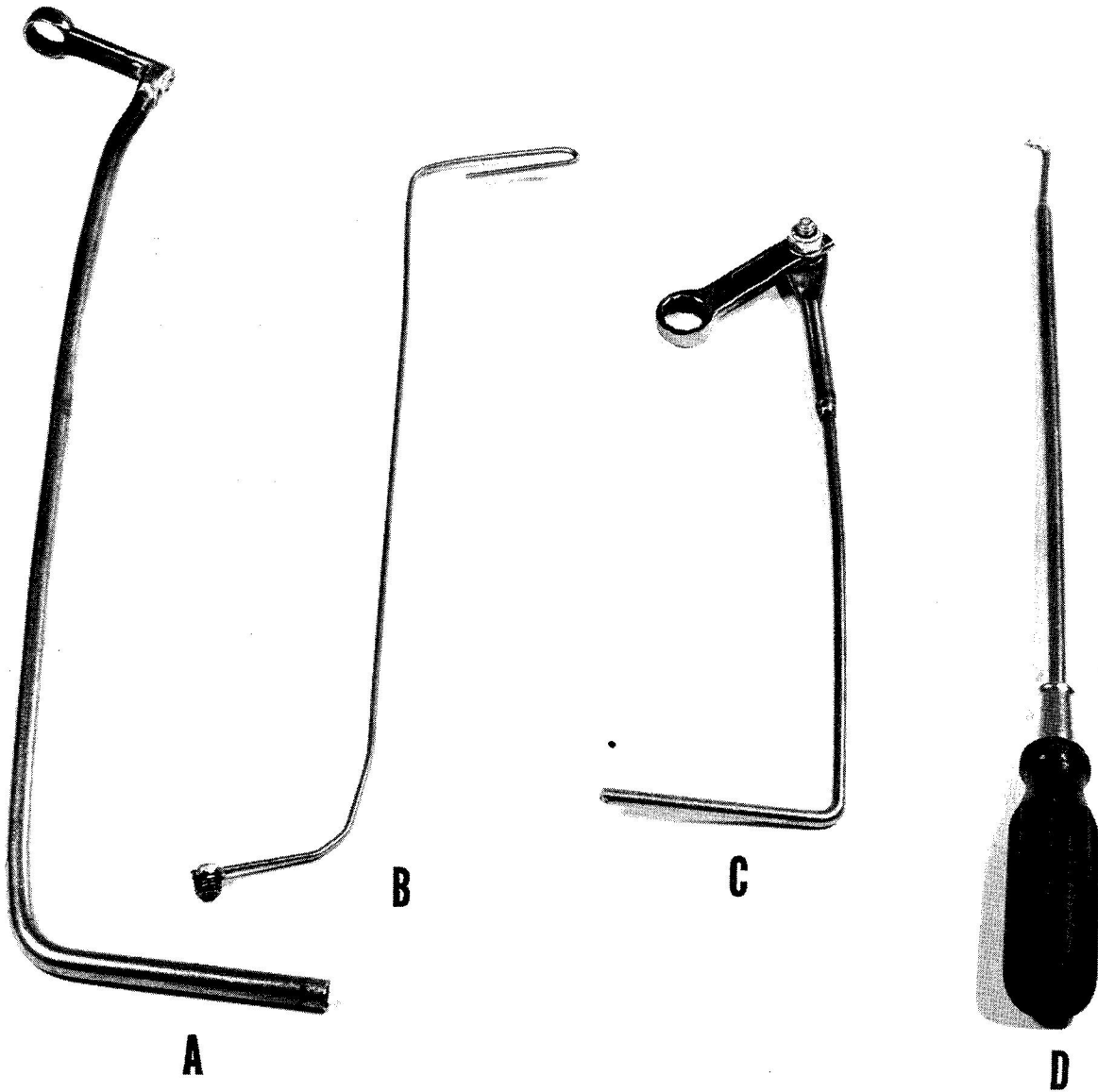


Figure 1

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

Prepared By:
AMC/SACO/ACR