

Amphenol

TB-2050

TUNING FORK CONTACT EXTRACTION TOOL FOR KS1025 SERIES
PART NO. 600-0277-000

REVISION “-”

SPECIFICATION REVISION STATUS

<u>Revision</u>	<u>SCR No.</u>	<u>Description</u>	<u>Initial</u>	<u>Date</u>
“-”	26410	Initial Release (Supersedes TB-207)	H. Cook	12-18-98

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1.0 SCOPE

1.1 This technical bulletin covers Tuning Fork Contact Extraction Tools for KS1025 Series, Part No. 600-0277-000.

2.0 PROCEDURE

2.1 This is an adjustable tool (see Figure 1). Select proper length of pin for damaged contact from Table 1. Insert pin into pin holder. Drive into threaded pin. Adjust the depth of the extraction tool by placing it over an assembled contact. Loosen the locking nut, adjust it, and tighten the lock nut.

2.2 Intended Use – For extracting damaged contacts from PC boards. It is not necessary to remove contact insulators. However, if the insulator is removed, it can be reused without significantly reducing its retention although it is better to use a new insulator if available.

2.3 Method of Use

2.3.1 Support connectors with wrappost end of contact facing up. The connector should rest on parallel supports approximately 1” high. The face of the supports should be covered with a protective material such as masking tape to prevent damage to the connector. The supports should be positioned to give maximum support to the connectors. With large PC boards, it is more practical to lay the plate on a suitably sized sheet of plastic foam 1” thick.

2.3.2 Slide the tip of the tool over the tail of the damaged contact until bottomed (see Figure 1).

2.3.3 Hold tool so that it is vertical to the connector.

2.3.4 Strike the top of the tool gently with a small mallet so that the contact is dislodged downwards. If necessary, hit it a second time to completely dislodge contact. Due to its extremely short tail length, Contact No. 011-2510 must be removed with pliers from the mating side after dislodging as far as possible with the contact extraction tool.

Pin No.	Overall Pin Length	Numbers Used on Contacts
600-0278-000	.400	011-2511-000 011-2519-000
600-0279-000	.600	011-2518-000 011-2517-000
600-0280-000	.750	011-2510-000 011-2509-000

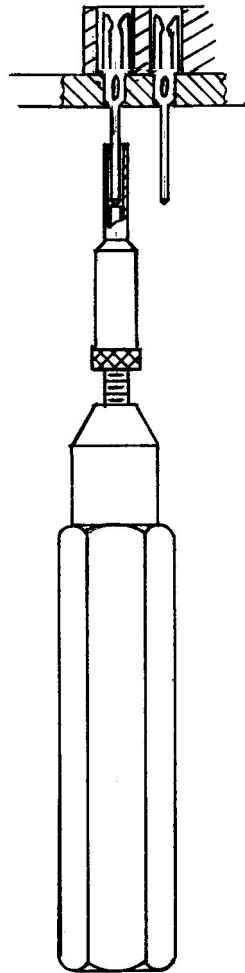


Figure 1