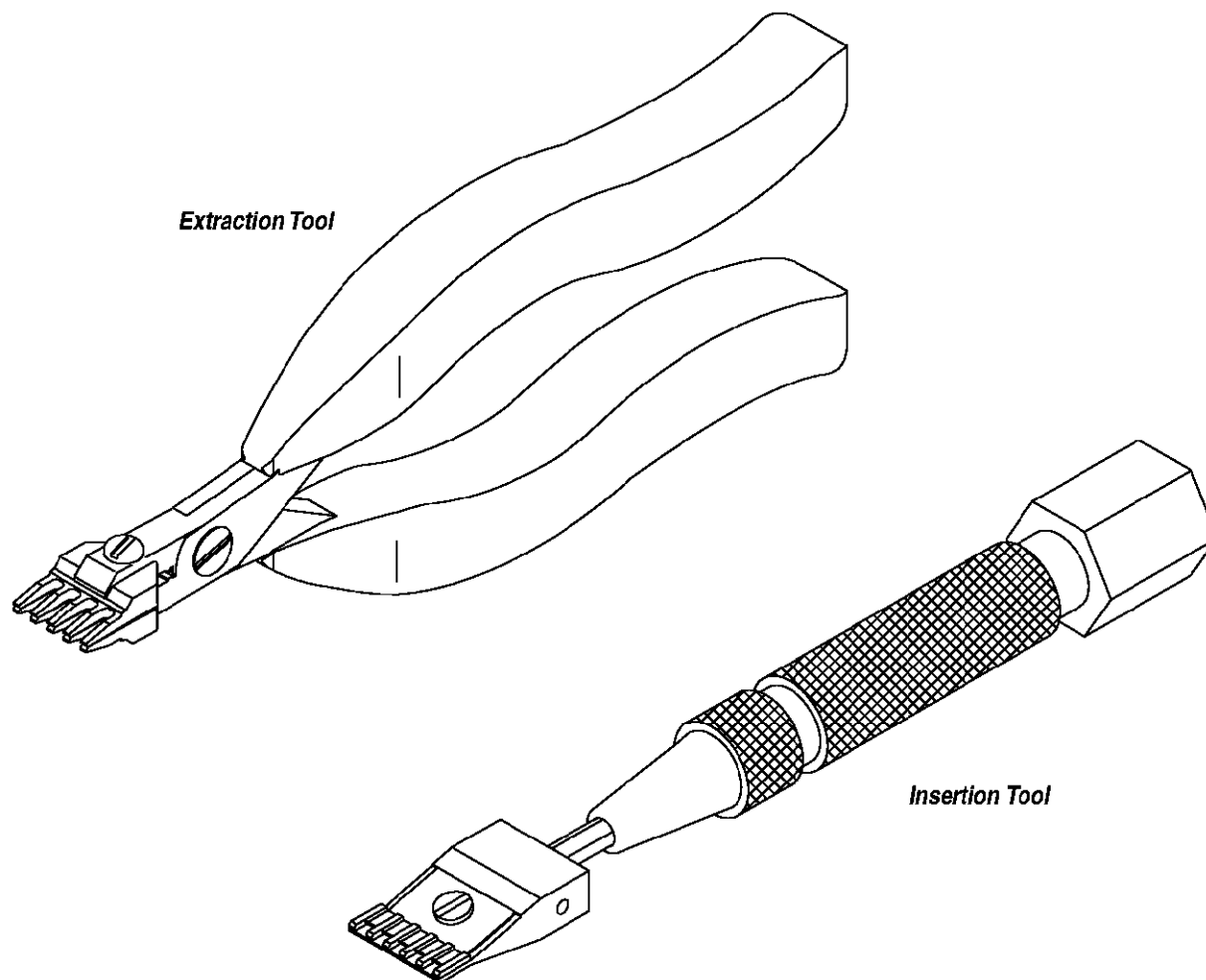


*Figure 1*

1. INTRODUCTION

This instruction sheet covers AMP* Ground Blade Repair Kits 1320534-1 and -2. The kits are used to insert and extract ground blades from Z-PACK HS3 headers. See Figure 1 for cross-reference of repair kits and connectors.

NOTE

Figures and illustrations are for identification only, and are not drawn to scale.

2. DESCRIPTION

Each kit features a spring-loaded insertion tool and an extraction tool.

NOTE

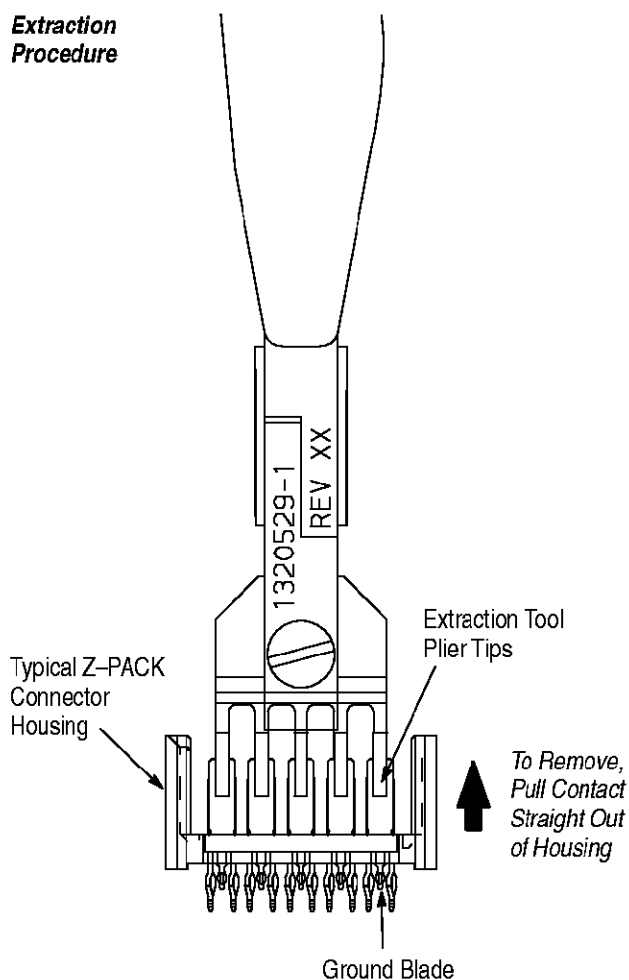
Tools listed in Figure 1 can be purchased separately.

3. CONTACT REMOVAL (Figure 2)

1. Align the extraction tool tips with the ground blade being removed.
2. Close the extraction tool handles and rest the tips on top of the respective ground blade.
3. Relax pressure on the handles and allow the tips to slide down to the header housing.
4. Gently squeeze the handles and pull the contact straight out of the housing.

CAUTION

Gently pull straight while extracting ground pins. Excessive bending and prying could break the contact off in the board or damage the board holes.

**Extraction
Procedure***Figure 2***4. CONTACT INSERTION** (Figure 3)

1. Slide the replacement ground blade into the tool tip under the retaining spring.
2. Align the tool tip with the connector housing.
3. Holding the tooling perpendicular to the insertion surface, engage the ground blade into the housing. See Figure 3.
4. Once the ground blade is started into the housing, the tool should be depressed until an audible clicking sound is heard. This indicates that the ground blade is fully inserted.
5. Remove the tool from the ground blade, making sure not to damage the other contacts.

5. MAINTENANCE

The ground blade repair kit tools require very little maintenance. They should be cleaned with a dry cloth, and stored in a cool, dry place. Tightening of

the insertion tool pusher may have to be done periodically.

6. REPLACEMENT AND REPAIR

Replacement parts are listed in Figure 4. Order replacement parts through your AMP representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 1-717-986-7605, or write to:

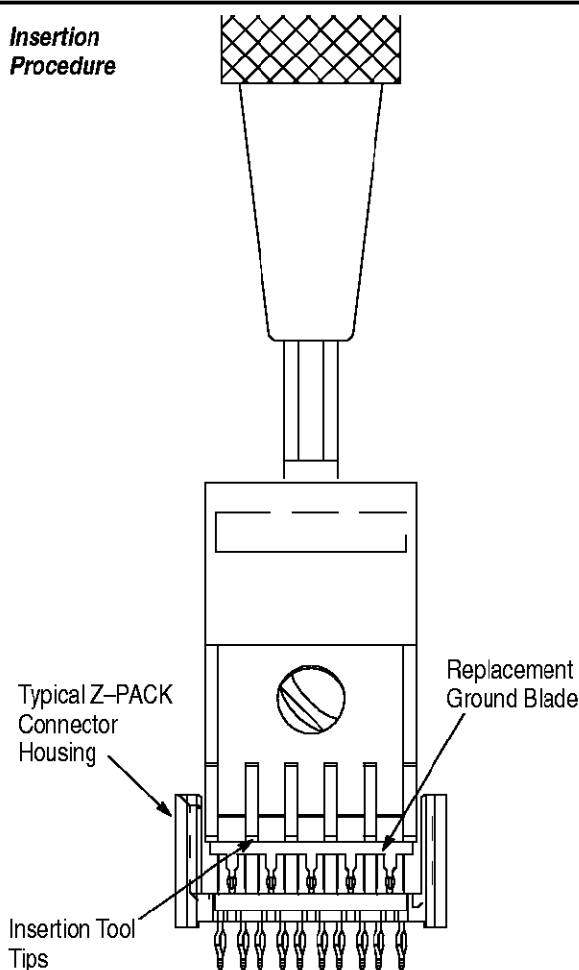
CUSTOMER SERVICE (38-35)
AMP INCORPORATED
P.O. BOX 3608
HARRISBURG, PA 17105-3608

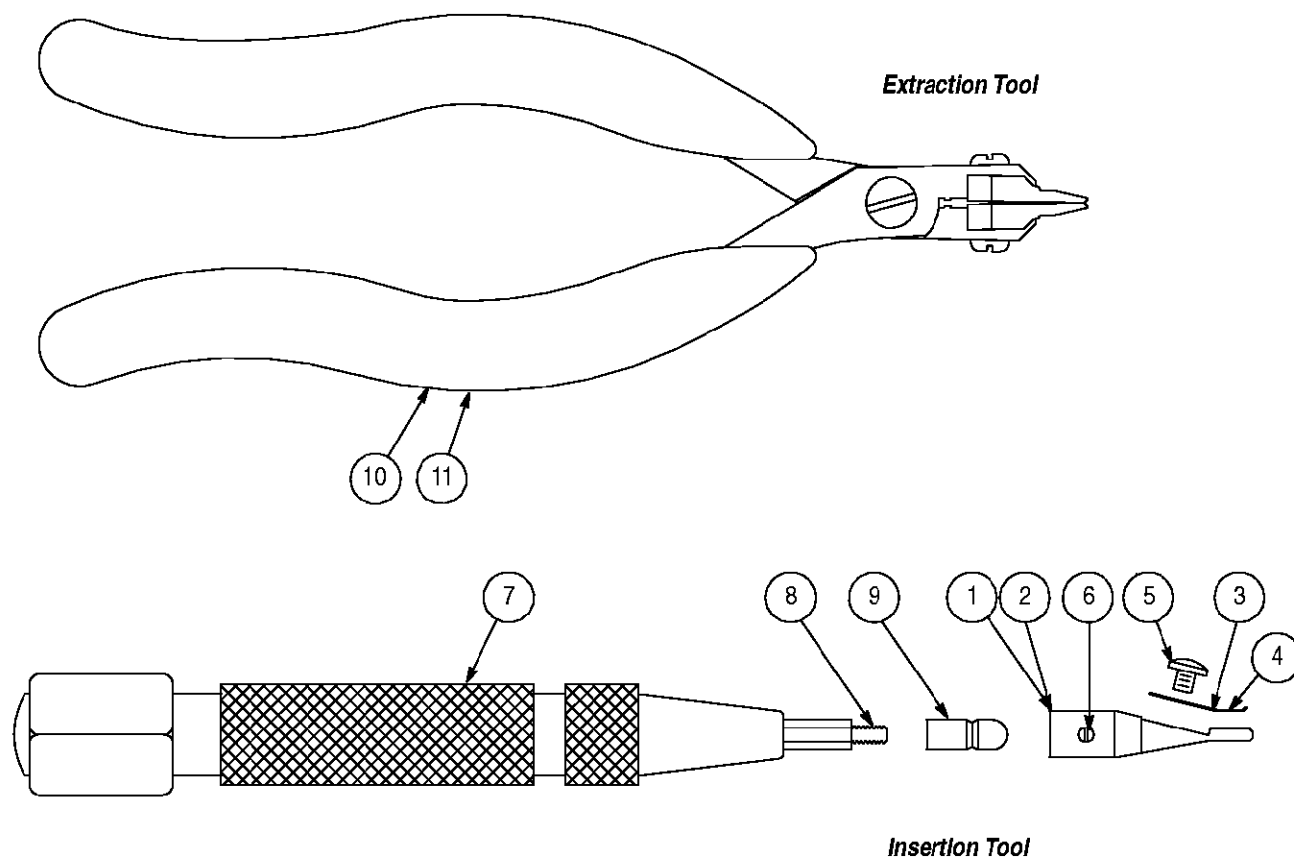
For tool repair service, please contact an AMP representative at 1-800-526-5136.

7. REVISION SUMMARY

Per EC 0990-0964-99:

- Initial release of instruction sheet

**Insertion
Procedure***Figure 3*



REPLACEMENT PARTS				
ITEM	PART NUMBER	DESCRIPTION	QTY PER KIT (P/N 1320534-1)	QTY PER KIT (P/N 1320534-2)
1	1320233-1	INSERTER, Blade 5 Slot	—	1
2	1320236-1	INSERTER, Blade 3 Slot	1	—
3	1320234-1	SPRING, Clip 5 Slot	—	1
4	1320237-1	SPRING, Clip 3 Slot	1	—
5	8-21002-8	SCREW, Cap, Socket, Button Head	1	1
6	23057-2	PLUNGER, Ball	1	1
7	380392-8	CONTACT REPLACEMENT TOOL	1	1
8	1-22642-9	SET SCREW	1	1
9	679037-1	PUSHER	1	1
10	1320529-1	EXTRACTION TOOL, Ground Pin, 10 Row	—	1
11	1320528-1	EXTRACTION TOOL, Ground Pin, 6 Row	1	—

Figure 4