

# Replacement Coil Tubing Adapter Kit

Cancels: IIK 550A-18-1

IIK 550A-18-2  
12-97

## Installation Instructions →Part No. 324652-751

**NOTE:** Read the entire instruction manual before starting the installation.

This symbol → denotes a change since the last issue.

### SAFETY CONSIDERATIONS

Installing and servicing of air conditioning equipment can be hazardous due to system pressure and electrical components. Only trained personnel should install or service air conditioning equipment.

Untrained personnel can perform basic maintenance functions, such as cleaning coils and cleaning and replacing filters. All other operations should be performed by trained service personnel. When working on air conditioning equipment, observe precautions in the literature, on tags, and on labels attached to unit.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **would** result in minor personal injury or product and property damage.

Follow all safety codes. Wear safety glasses and work gloves. Use a quenching cloth for brazing operations. Have a fire extinguisher available.

### ⚠ WARNING

Before beginning the installation or modification, be sure the main electrical disconnect switch is in the OFF position. Electrical shock can cause personal injury or death.

### INTRODUCTION

This instruction covers installation of replacement coil tubing adapter kit in air conditioners.

### DESCRIPTION AND USAGE

The replacement coil tubing adapter is designed to provide tube transition during either an old-style service coil installation in a newer air conditioner (December 1997 or newer), or a new-style

service coil installation in an older air conditioner. The replacement coil tubing adapter kit contains 2 tubes—1 with a shorter belled leg and 1 with a longer belled leg. Only 1 tube will be used per replacement coil.

### INSTALLATION

Follow all common service practices in addition to the instructions below when installing this kit.

### ⚠ CAUTION

Do not vent refrigerant into atmosphere. Recover during system repair or final unit disposal. Use all service ports.

#### Step 1—Old-Style Service Coil Installation

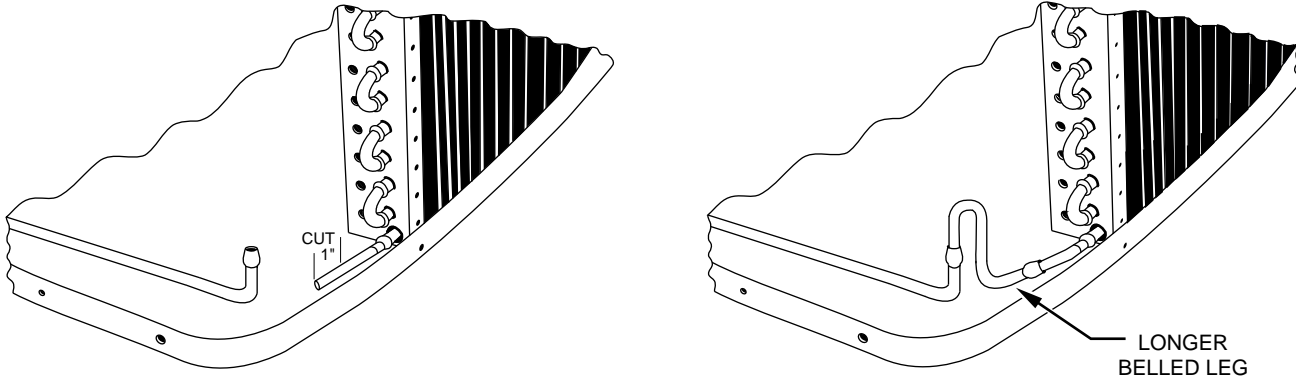
When installing old-style service coil in newer air conditioner use the coil adapter tube with the longer belled leg.

1. Using a tubing cutter, cut 1 in. from the liquid tube stubout on the old-style coil. (See to Fig. 1.)
2. Insert coil adapter tube with the longer belled leg onto the newly cut end of the liquid tube stubout.
3. Insert the non-belled end of the coil adapter tube into the belled end of the 90° upright liquid tube.
4. Braze both joints.

#### Step 2—New-Style Service Coil Installation

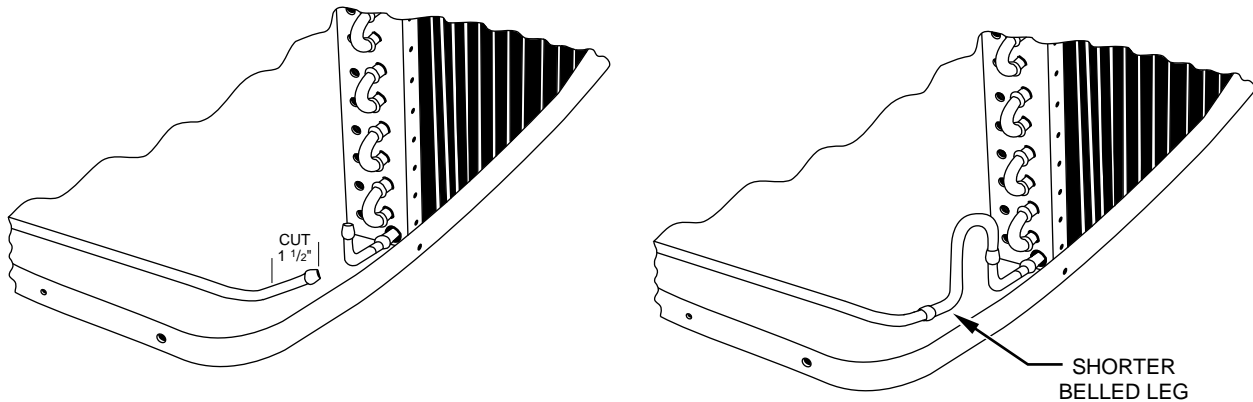
When installing new-style service coil in an older air conditioner use the coil adapter tube with the shorter belled leg.

1. Using a tubing cutter, cut 1-1/2 in. from the liquid tube of the old-style air conditioner. (See to Fig. 2.)
2. Insert coil adapter tube with the shorter belled leg onto the newly cut end of the liquid tube.
3. Insert the non-belled end of the coil adapter tube into the belled end of the 90° upright liquid tube stubout.
4. Braze both joints.



**Fig. 1—Old-Style Service Coil Adaptation to New Air Conditioner**

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**Fig. 2—New-Style Service Coil Adaptation to Older Air Conditioner**

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