

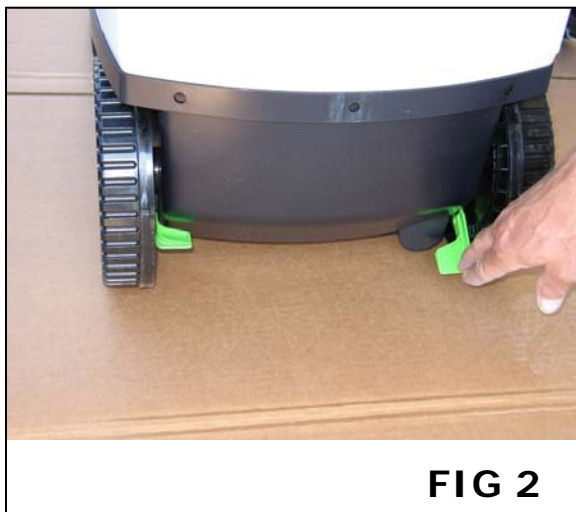
## AIR TOOLS MANUAL

- Supplementary guidelines for adapting the CT 33 E dust extractor in order to operate air tools with it.

### Step 1:

Identify parts (FIG 1).

- CT 33 E dust extractor (1)
- Handle (2)
- Service unit (3)
- Compressed air module (4)
- IAS 2 adapter (5)
- IAS 2 hose (antistatic) 11.5' (6)
- Suction hose holder (7)
- 3/8" adapter (8)



### Step 2:

Begin with securing the CT dust extractor (vacuum) into place with the green wheel locks (FIG 2).

**Step 3:**

Unlatch the black lid, open until the green latch catches. Press the green latch and pull the lid until it is perpendicular (FIG 3).



**FIG 3**

**Step 4:**

Pull lid off hinges (FIG 4).



**FIG 4**

**Step 5:**

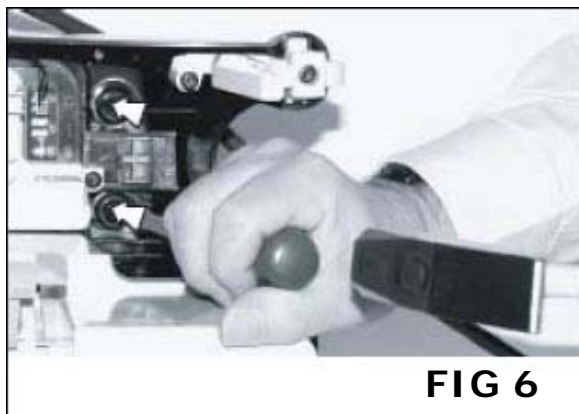
Place the lid on a flat surface with internal components facing up (FIG 5).



**FIG 5**

**Step 6:**

Using a screw driver and a hammer, remove the two round plastic inserts from the lid (FIG 6).



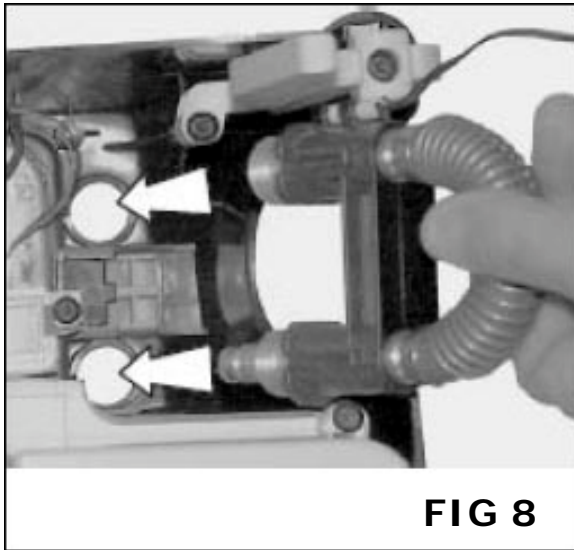
**FIG 6**

**Step 7:**

Discard the two plastic inserts. Clean out any rough plastic edges in holes (FIG 7).



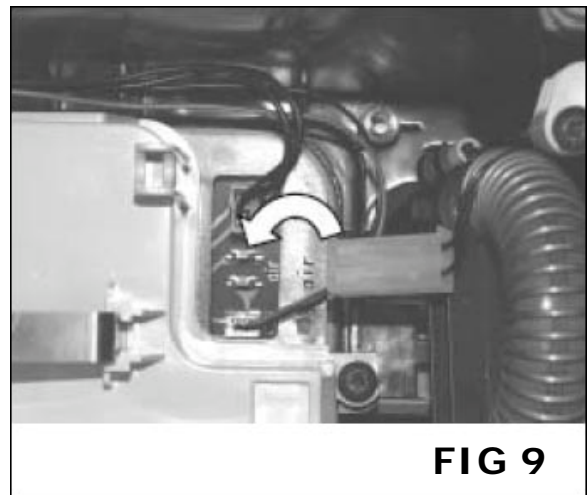
**FIG 7**



**FIG 8**

**Step 8:**

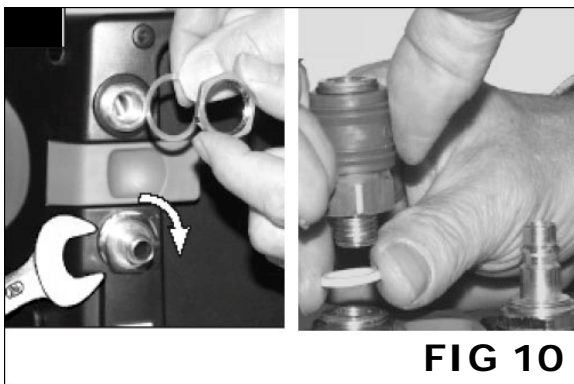
Place the compressed air module through the two ends where the plastic inserts were removed (FIG 8).



**FIG 9**

**Step 9:**

Plug the cable in on the designated pins of the electronics board. The pins are labeled "air" (FIG 9).



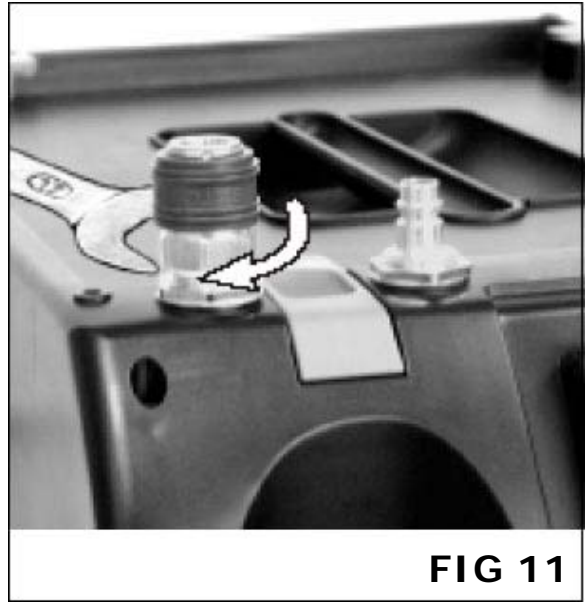
**FIG 10**

**Step 10:**

Affix the compressed air module on the outside with washer and screw (FIG 10).

**Step 11:**

Tighten both sides with a wrench (FIG 11).



**FIG 11**



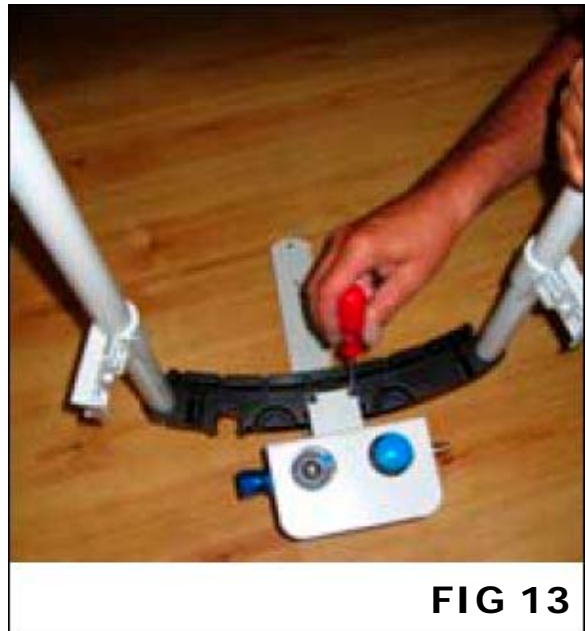
**FIG 12**

**Step 12:**

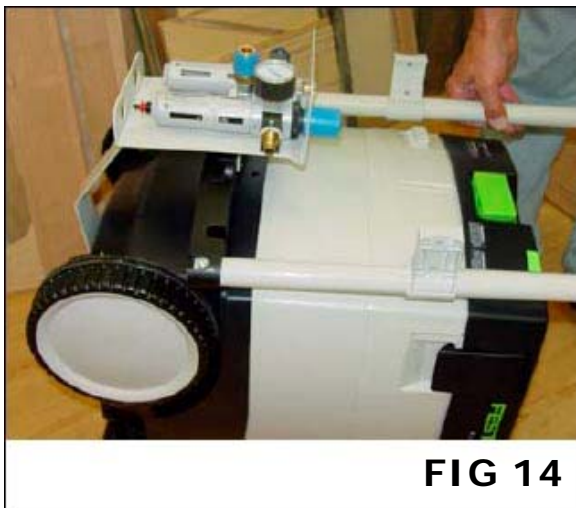
Close the lid (FIG 12).

**Step 13:**

Assemble the service unit onto the handle with 2 black screws (FIG 13).



**FIG 13**



**FIG 14**

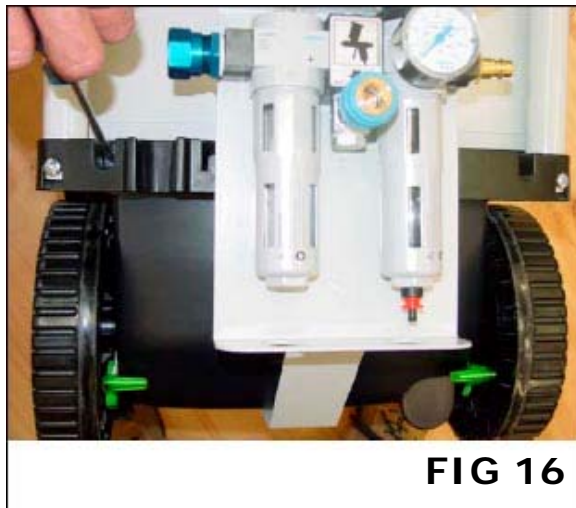
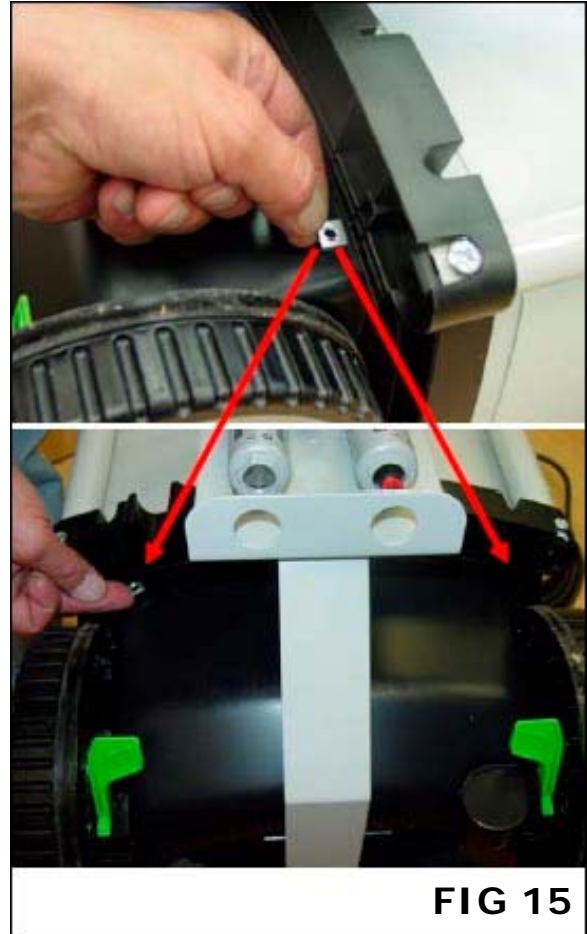
**Step 14:**

Slide the handle on the back of the vacuum (FIG 14).



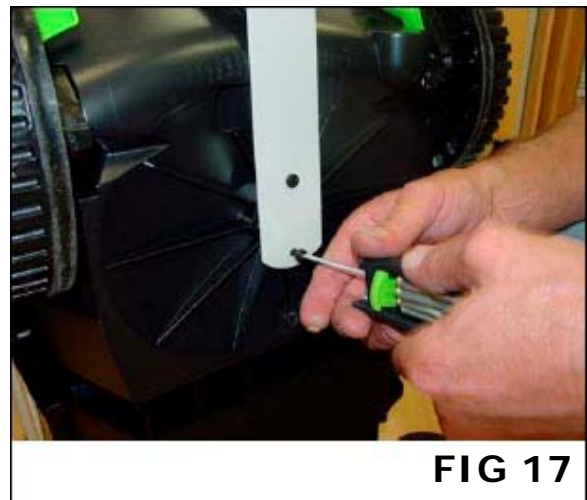
**Step 15:**

Place two nuts into the slots on the black part of the handle (FIG 15).



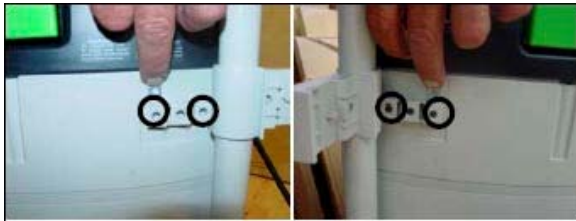
**Step 16:**

Using two of the silver bolts, screw the handle onto the vacuum (FIG 16).



**Step 17:**

Use two black screws to secure the service unit to the bottom of the vacuum (FIG 17).



**FIG 18**

**Step 18:**

Slide one silver nut into each of the four slots on the vacuum (FIG 18).

**Step 19:**

Swing the handle brackets to align with the holes (FIG 19).



**FIG 19**



**FIG 20**

**Step 20:**

Fasten the gray bracket onto the handle (FIG 20).

**Step 21:**

Secure the bracket to the vacuum with four silver bolts (FIG 21).



**FIG 21**

**STEP 22:**

Slide a nut into each of the bracket's slots (FIG 22).



**FIG 22**

**Step 23:**

Insert the IAS-2 adaptor into the hose port (FIG 23).



**FIG 23**

**Step 24:**

Connect the compressed air module with the IAS 2 adaptor (FIG 24).



**FIG 24**

**Step 25:**

The air pressure hose that connects the service unit to the compressed air module must be shortened by nine inches (FIG 25).

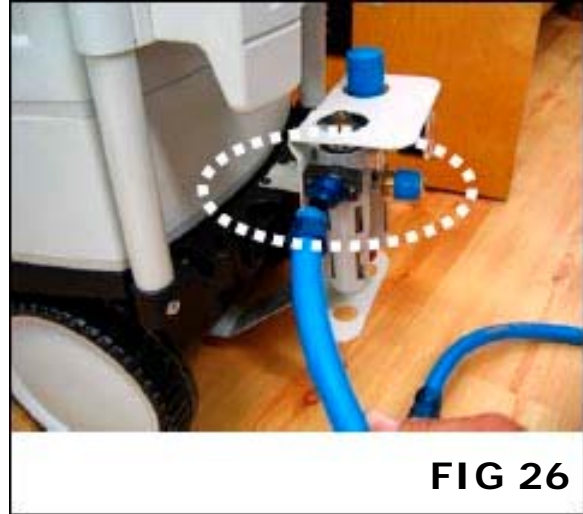


**FIG 25**

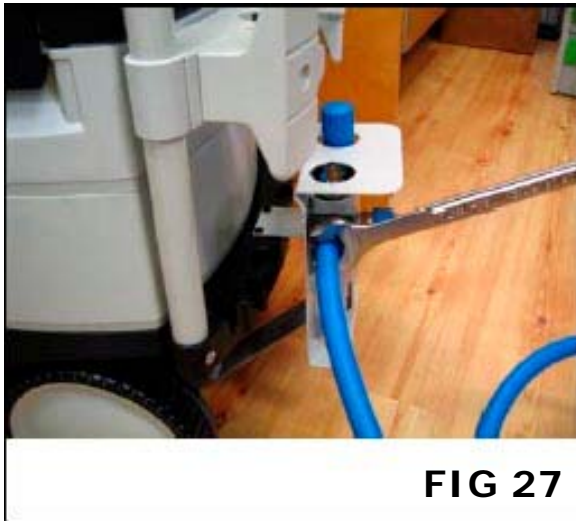


**Step 26:**

Connect one end of the hose to the service unit (FIG 26).



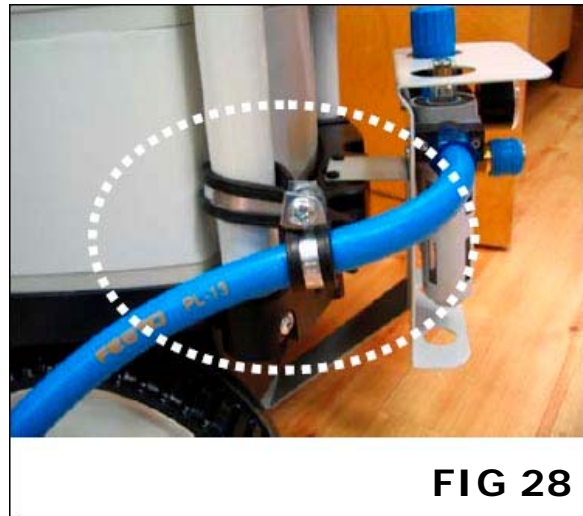
**FIG 26**



**FIG 27**

**Step 28:**

Clamp the hose to the handle (FIG 28).



**FIG 28**



**FIG 29**

**Step 29:**

Use the silver-spring hooks to clamp the hose to the front of the vacuum (FIG 29).



**Step 30:**

Attach the side of the hose with the vacuum symbol to the IAS 2 adaptor (FIG 30).



**FIG 30**



**FIG 31**

**Step 31:**

Remove the plastic cap on the air tool (FIG 31).



**FIG 32**

**Step 32:**

Connect the air tool to the hose (FIG 32).

**Step 33:**

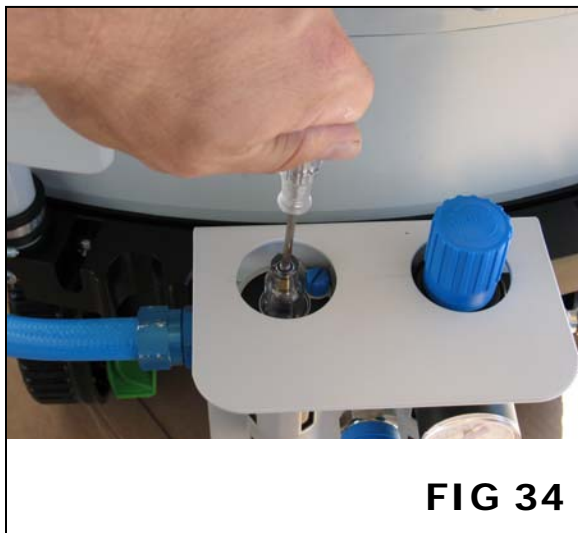
Remove the ISO air coupling on the service unit and attach the 3/8" ISO to 3/8" NPT adapter. Then attach a 3/8" or larger male air coupling of your choice to the 3/8" NPT thread.

**Step 34:**

Remove the oil reservoir with an adjustable wrench. Pour one bottle of air tool oil (comes with kit) into the reservoir. Tighten with an adjustable wrench (FIG 33).



**FIG 33**



**FIG 34**

**Step 35:**

To insure the proper lubricant supply, use a small flat tip screw driver and tighten screw on top of the oil reservoir until firm. Take care not to over tighten as this may break the components holding the screw in place. Once the screw has been firmly tightened, back off  $\frac{1}{4}$  turn (FIG 34).

**If there are any questions, please call the Festool service hotline toll free at 1-800-554-8741.**