

# Canon® A-15/ A-30 Remanufacturing Instructions



Oasis Imaging Products, Inc. Technical Support: (800) 322-8992 ext 110

## Reference Information:

A-15 PN: F41-406-740  
OEM Yield: 1,500 @ 5.5%  
A-30 PN: F41-4102-730  
OEM Yield: 3,000 @ 5.5%

## Recommended Tools:

Pin Puller  
Phillips head screwdriver  
Small flathead screwdriver  
Gapping strip

## Approximate Remanufacturing

Time: 30 min.

## Instructions:

1. Remove the four outer pins on each end of the cartridge (Fig. 1).
2. Remove the outer shell by first lifting the left end, then the right. Next, unsnap the small locking tabs on the front of the cartridge.
3. Remove the spring from the separator card end of the cartridge, and unfasten only one end of the spring on the other end of the cartridge (Figs. 2 & 3).
4. Remove the small hinge-pin from the separator card end of the cartridge.
5. Lift up on the hopper and separate from the waste bin.
6. Holding the waste bin, push the corona wire assembly to the left until its pins separate from their holes, and lift up and to the right to remove.
7. Pull back the shutter door and hold it open, then remove the screw holding the drum axle in and remove the drum axle being careful not to drop or dislodge the drum (Fig. 2). Now lift the drum by its small gear, twist clockwise and remove.
8. Wipe the drum off with a SOFT, clean cloth and store it out of the light. Replace if necessary.
9. Remove the wiperblade and dump the toner out of the wastebin. Vacuum the remaining toner from the waste bin being VERY CAREFUL not to disturb the small mylar scavenger blade.
10. Wipe off any residue toner from the wiperblade, inspect for nicks, gouges etc. replace if necessary. Pad lightly with padding powder and re-install onto the wastebin. This is the time to install a drum protector pad on the shutter. Set the waste bin aside.
11. Clean the corona wire assembly thoroughly!! Clean the wire, the side walls and the felt pads. This unit MUST be clean! There are two industry methods of cleaning this assembly, manual and ultrasonic. The manual method requires using a Scotchbrite® pad. Use a small piece of the pad and gently move the pad up and down the length of the wire. The ultrasonic method requires placing the entire corona assembly in an ultrasonic solution. Set the assembly aside.
12. Remove the cap from the toner hopper. Dump any remaining toner from the hopper and use compressed air or a vacuum to remove all residual toner. Inspect the surface of the mag roller for scratches or signs of wear and replace if necessary. Do not touch the surface of the mag roller with your bare hands, skin oils will cause image problems. We recommend gapping the doctor blade to .010".
13. Once the hopper has been cleaned, insert your seal and then coat the mag roller with some of the toner you will be using to fill the hopper. Next, fill the hopper and replace the hopper cap.
14. Notice counter on cartridge (Fig 4). Pry counter off of cartridge with small flat head screwdriver (Fig 5). Note color position of large color wheel. Once the counter is removed, separate the counter and carefully remove the second

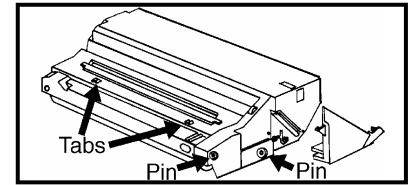


Figure 1

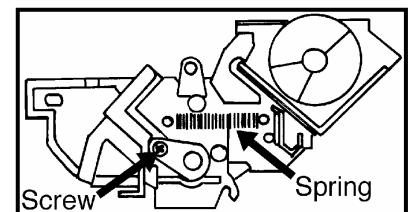


Figure 2

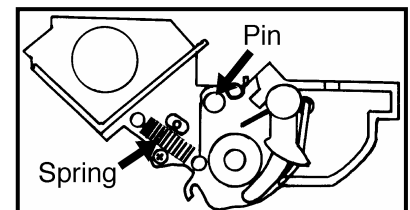


Figure 3

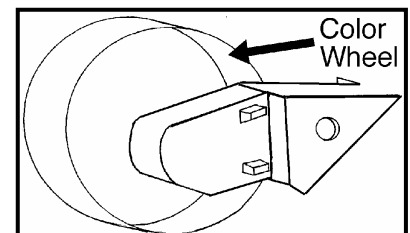


Figure 4

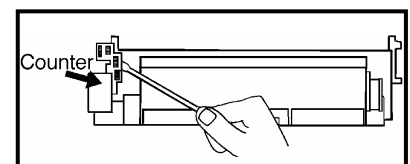


Figure 5

gear (Fig 6). Rotate the color wheel 300 degrees **counter clockwise**. Replace the gear and snap counter unit shut. Place counter back onto hopper.

15. Now it is time to reassemble the cartridge. First, pick up the waste bin and hold it with the shutter opened, lower the drum into position, holding it by the small gear. Insert the drum axle and secure with the screw.
16. Put the corona assembly back into position, pushing it to the left while holding the waste bin and lowering the pins on the assembly into their respective holes.
17. Join the hopper to the waste bin insuring that the gears mesh properly.
18. Insert the small hinge pin, reconnect the left side spring and install the right side spring.
19. Replace the outer shell, right side first, then the left, snap the front down and insert the four locking pins.
20. Wipe down the cartridge and run your test sheets.

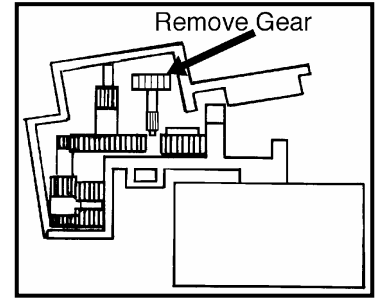


Figure 6

## Oasis and You ... Succeeding Together!



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