



HPP3015TECH

Technical Instructions	Supplies	Tools	1
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Conductive Grease
High Temperature Grease (MOLYKOTE® 44 Light or MOLYKOTE® X56020)
Cotton Swabs
Lint-free Cloth
Padding Powder
Vacuum or Dry Compressed Air
Drum
Toner
Wiper Blade
Chip

Wire Cutters
Small, Flat-blade Screwdriver
Phillips Screwdriver
X-Acto Knife
Drum Drive Axle Removal Tool (HP3015DATOOL)

PHOTO 1



PHOTO 2



PHOTO 3



Step 1

If the OPC drum is going to be replaced, use the Drum Drive Axle Removal Tool to remove the drum drive axle (See photo 1). You will install it later on a new drum. To remove the drive axle, insert the C-shaped claw of the tool under the drive flange of the axle. Use the lip on the drum end plate as leverage to pry the drive axle out (See photos 2 & 3).

Step 2

Using wire cutters, grab the cartridge pins and pull them out (See photo 4 & 5).

PHOTO 4



PHOTO 5

**Step 3**

Separate the two sections of the cartridge (See photo 6). Set the toner unit aside.

PHOTO 6



PHOTO 7



PHOTO 8



PHOTO 9

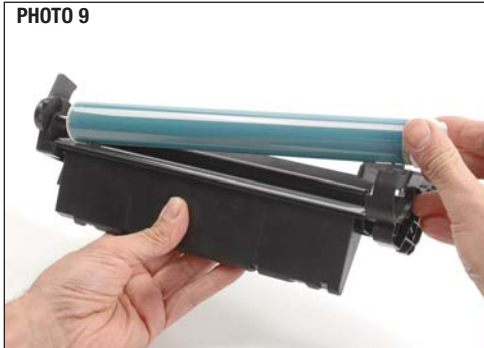


PHOTO 10

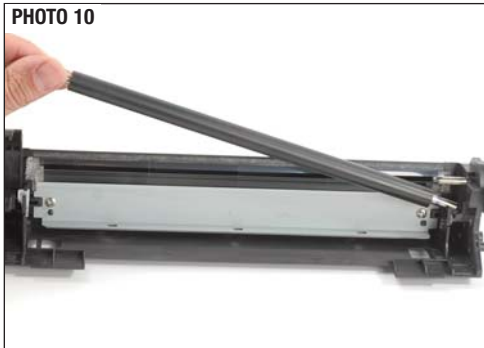


PHOTO 11

**Step 4**

Using a Phillips screwdriver, remove the two screws holding the drum end plate (See photo 7). Remove the drum end plate and clean it with cotton swabs and lint-free cloth. Apply fresh high temperature grease (See photo 8).

Step 5

Carefully lift up on the gear end of the drum and remove it off the drum contact axle (See photo 9). If the drum is going to be reused, place it in a protected area away from light.

Step 6

Lift out the PCR (See photo 10). Clean the PCR using a dry lint-free cloth.

Step 7

Remove two screws holding the wiper blade (See photo 11).

PHOTO 12



Step 8

Remove the wiper blade (See photo 12). Clean the waste hopper using dry, compressed air or a vacuum.

Step 14

Using an X-acto knife, cut the plastic weld holding the chip in place (See photo 17). Install the new chip onto the waste hopper. Set the waste unit aside in a protected area away from light.

PHOTO 13



Step 9

Apply padding powder to a new or once-used wiper blade. Place the blade onto the waste hopper and install the two screws that hold the blade in place (See photo 13).



PHOTO 14



Step 10

Clean the PCR saddles using cotton swabs. Apply new conductive grease to the black conductive saddle. Install the clean PCR (See photo 14).

NOTES

PHOTO 15



Step 11

Apply padding powder to the drum. Apply conductive grease to the drum contact axle. Carefully slide the drum onto the drum contact axle (See photo 15).

PHOTO 16



Step 12

Install the drum end plate and two screws holding it in place (See photo 16).

Step 13

Rotate the drum to ensure that the drum and wiper blade are properly lubricated. Clean the padding powder off the PCR using a lint-free cloth.

Step 15

Starting on the toner unit, remove the right side drum shutter guide bar from the hinge post (See photo 18). Remove the spring-loaded drum shutter arm using a small flat-blade screwdriver (See photo 19). Remove left side guide bar from the hinge post. Do not lose the shutter arm spring (See photo 20)

PHOTO 18



PHOTO 19



PHOTO 20



PHOTO 21

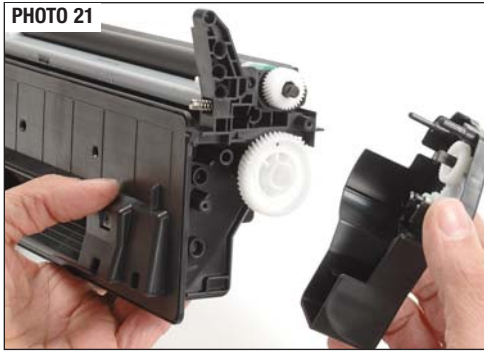


PHOTO 22



PHOTO 23



PHOTO 24



PHOTO 25

**Step 16**

Remove the two screws holding the gear housing end cap. Remove the end cap and mag roller drive gear (See photo 21).

Step 17

Remove the two screws holding the contact end cap to the toner hopper. Remove the end cap (See photo 22). Clean the contact end cap and the white bearing with cotton swabs. Apply conductive grease to the contact.

Step 18

Lift the mag roller away from the toner hopper (See photo 23).

Step 19

Remove the mag roller stabilizing bar and the mag roller bushings from the ends of the mag roller. Clean the mag roller first with dry compressed air or a vacuum, and then by using a dry lint-free cloth (See photo 24). Clean the mag roller spring contact with lint-free cloth.

Step 20

Clean the mag roller stabilizing bar and bushings with cotton swabs and a lint-free cloth. Inspect the mag roller bushings and C-bearing of the stabilizing bar. Replace them if they are worn or cracked. Apply high temperature grease onto the C-bearing of the stabilizing bar.

Step 21

Remove the two screws holding the doctor blade (See photo 25).

PHOTO 26



Step 22

Remove the plastic scrapers from the ends of the doctor blade and remove the blade (See photo 26). Clean the doctor blade using a lint-free cloth.

Step 23

Dump the remaining toner from the toner hopper. Clean the toner hopper using dry compressed air or a vacuum.

PHOTO 27



Step 24

Fill the toner hopper with HP P3015-type toner through the mag roller opening. Use 280 grams for the CE2255A cartridge and 550 grams for the CE255X cartridge.

Step 25

Place the cleaned doctor blade onto the toner hopper. Install the plastic scrapers on each side of the blade and the two screws that hold the doctor blade in place (See photo 27).

PHOTO 28



Step 26

Slide the black mag roller bushing onto the contact side of the mag roller, and the green bushing onto the drive gear side of the mag roller. Install the stabilizing bar with the C-bearing onto the mag roller (See photo 28).

PHOTO 29



Step 27

Place the mag roller assembly into the toner hopper (See photo 29).

PHOTO 30



Step 28

Install contact end cap using two mounting screws that hold the end cap in place (See photo 30).

Step 29

Install the mag roller drive gear (See photo 31). Install gear housing end cap and two mounting screws that hold it in place (See photo 32).

PHOTO 31



PHOTO 32



NOTES

Step 30

Install the left-side guide bar of the drum shutter into the hinge post on the contact side of the toner hopper (See photo 33). Set the spring in the shutter arm and install the shutter arm onto the positioning post (See photo 34). Install the right side guide bar of the drum shutter into the hinge post on the gear housing side of the toner hopper. Slide the drum shutter open to engage the shutter arm spring.

PHOTO 33



PHOTO 34

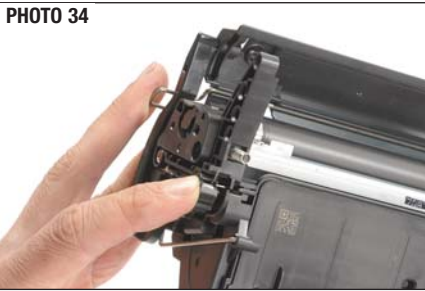
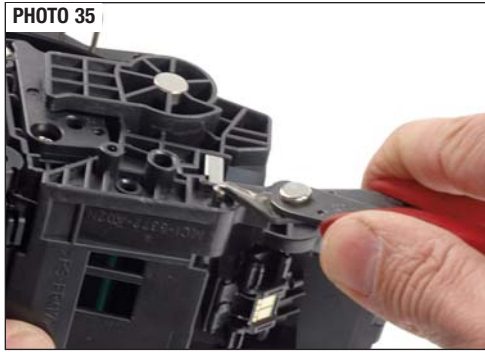


PHOTO 35

**Step 31**

Join the toner and waste units together and install the cartridge pins (See photo 35).

PHOTO 36

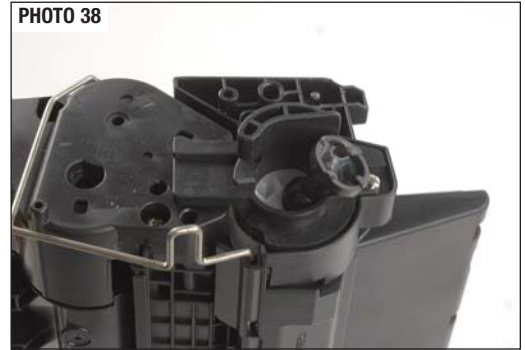
**Step 32**

Place the drum drive axle into a socket of the drum gear and position the Drum Drive Axle Removal Tool on top of the drive axle (See photo 36). Use the extended flange on the waste hopper gear end as leverage to press the drive axle down until it snaps into its place (See photos 37 & 38).

PHOTO 37



PHOTO 38



HP LaserJet P3015 (CE525A) Printer

Print speed	Up to 42 ppm
First page out	As fast as 7.5 sec
Print resolution	Up to 1200 x1200 dpi
Monthly duty cycle	Up to 100,000
Recommended monthly print volume	1500 to 5000 pages

HP LaserJet P3015d (CE526A) – HP LaserJet 3015 plus automatic two-sided printing.
HP LaserJet P3015dn (CE528A) – HP LaserJet 3015 plus automatic two-sided printing, HP Jetdirect 10/100/1000 Ethernet embedded print server.
HP LaserJet P3015x (CE529A) – HP LaserJet 3015 plus automatic two-sided printing, HP Jetdirect 10/100/1000 Ethernet embedded print server, 500-sheet input tray.

HP LaserJet CE255 Family Print Cartridges:

HP LaserJet CE255A Print Cartridge, black. Average cartridge yields 6000 standard pages.

HP LaserJet CE255X Print Cartridge, black. Average cartridge yields 12,500 standard pages.