

# SAMSUNG CLP 600 CARTRIDGE REMANUFACTURING INSTRUCTIONS

## SAMSUNG CLP 600 COLOR LASER PRINTER



**FRONT VIEW**



**CONTACT-SIDE VIEW**



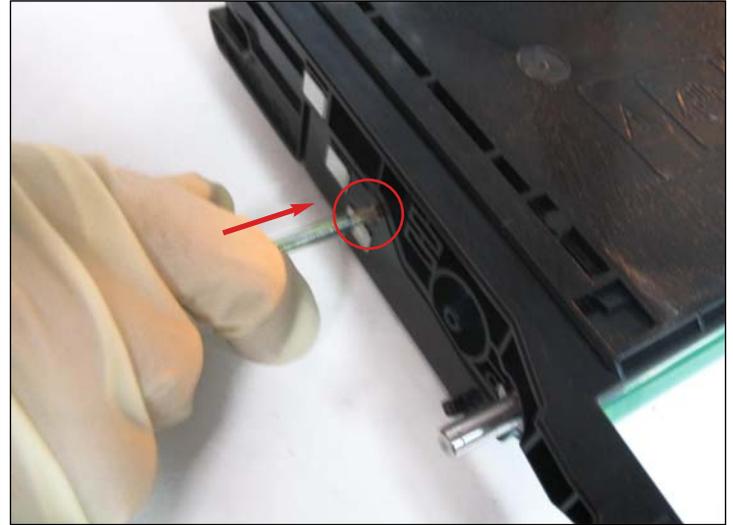
**GEAR-SIDE VIEW**





**SEPARATING THE CARTRIDGE SECTIONS**

1. Remove the tension spring that is attached to the contact end plate and drum axle.



**REMOVING THE PINS**

2. Insert a small metric screw into the cartridge pin. Turn clockwise until the screw has a tight hold on the pin, then pull the pin out.



3. Pin removed.

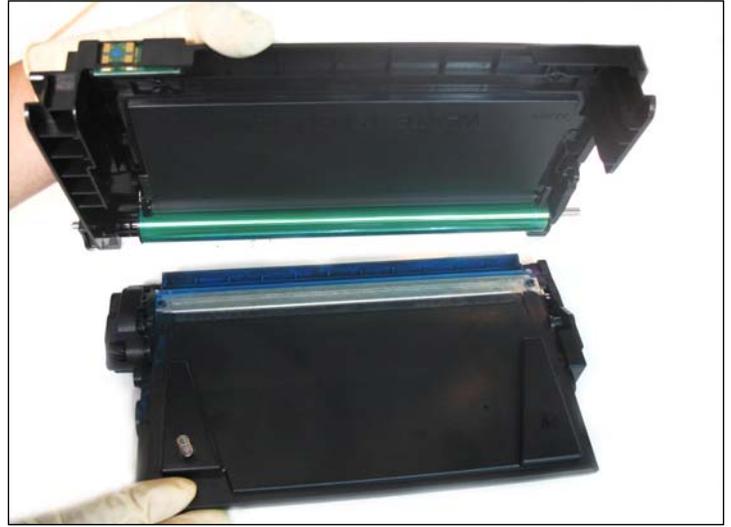


4. Use the same procedure for the opposite pin.

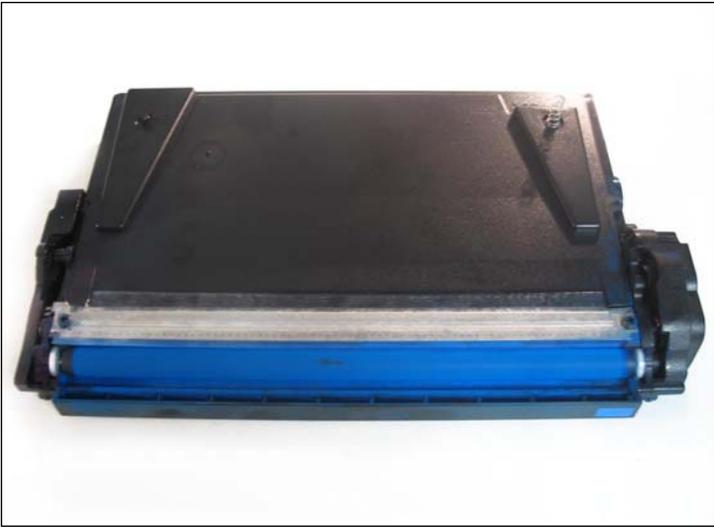




5. Pin removed.

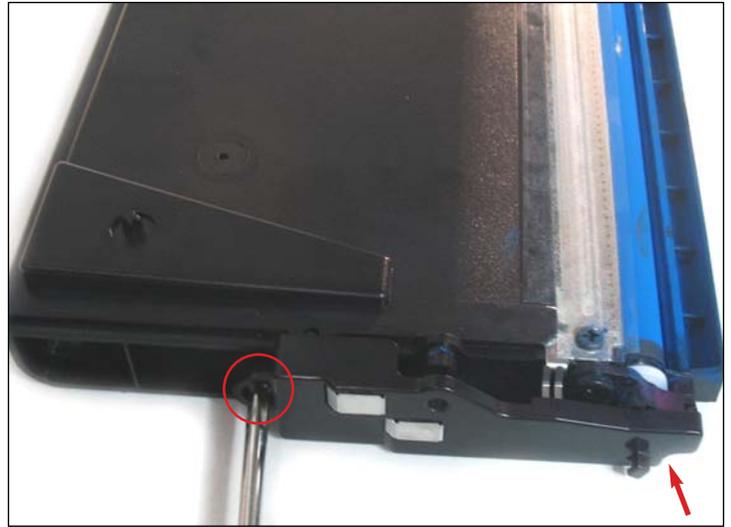


6. Separate the two halves as shown.



**DISASSEMBLING THE TONER CARTRIDGE**

7. Toner cartridge front view



**REMOVING THE CONTACT END PLATE**

8. First, remove the end plate by removing the two screws (shown) that hold it in place.



**USA**  
Ph: +1 310-280-9620  
Fx: +1 310-838-7294



**EUROPE**  
+34-93-757-1335  
+34-93-741-4166



**JAPAN**  
+81-3-44-55-2789  
+1 310-838-7294



**CHINA**  
+8610 6297 6428  
+8610 6297 9584



**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353



**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706

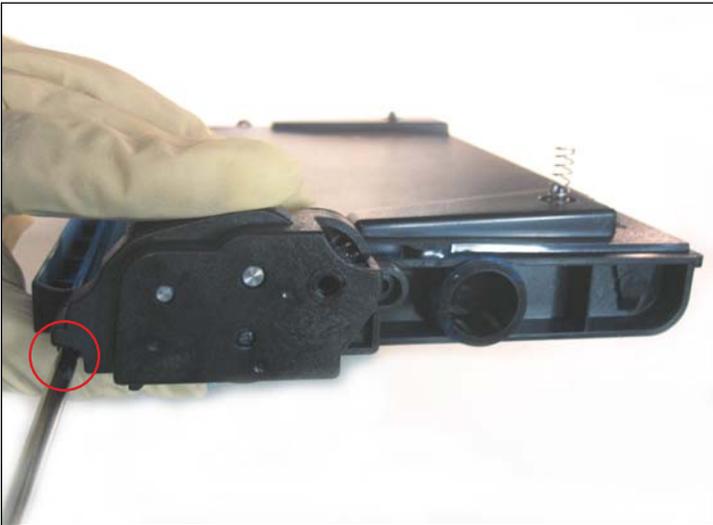


9. End plate removed.



**REMOVING THE GEAR-SIDE END PLATE**

10. Remove the two screws that hold the end plate in place. This will allow access to the gears inside. Remove the first screw from the area shown.



11. Remove the second screw from the area shown.

**NOTES**



**USA**  
Ph: +1 310-280-9620  
Fx: +1 310-838-7294



**EUROPE**  
+34-93-757-1335  
+34-93-741-4166



**JAPAN**  
+81-3-44-55-2789  
+1 310-838-7294



**CHINA**  
+8610 6297 6428  
+8610 6297 9584



**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353



**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706



**REMOVING THE GEARS**

12. Remove the gears.

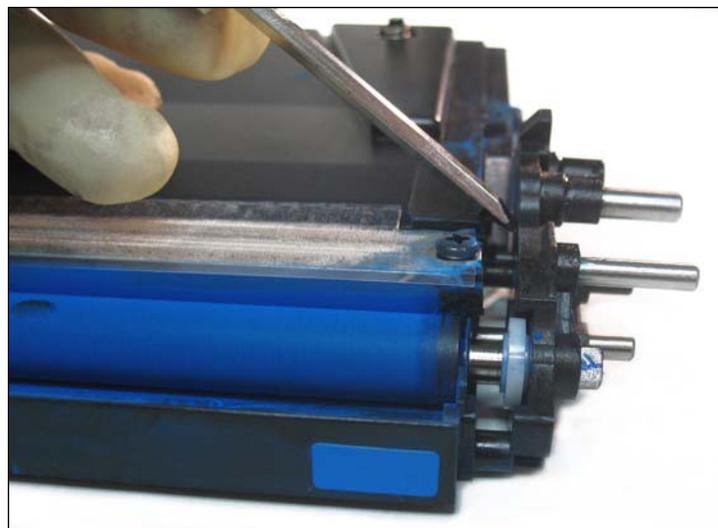


13. Gears removed.



**GEAR-SIDE SUPPORT PLATE REMOVAL**

14. Locate the gear-side support plate (shown) and remove the screws that hold it in place.



15. Using a flat head screwdriver, pry the loosed plate away from the cartridge to remove it completely.



**USA**  
Ph: +1 310-280-9620  
Fx: +1 310-838-7294



**EUROPE**  
+34-93-757-1335  
+34-93-741-4166



**JAPAN**  
+81-3-44-55-2789  
+1 310-838-7294



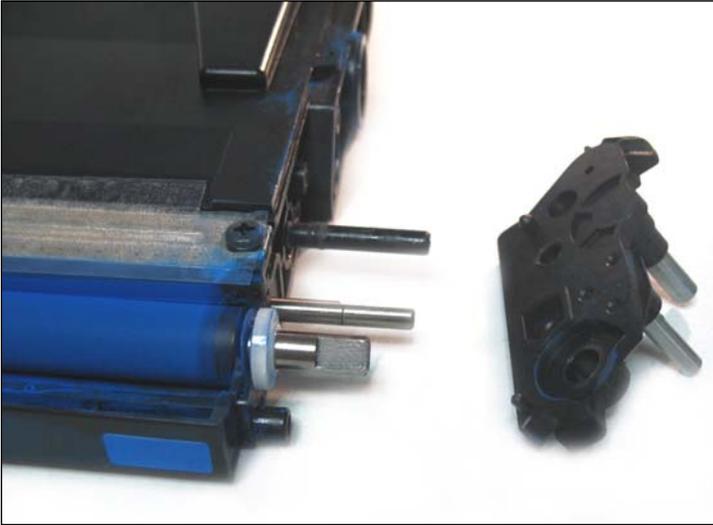
**CHINA**  
+8610 6297 6428  
+8610 6297 9584



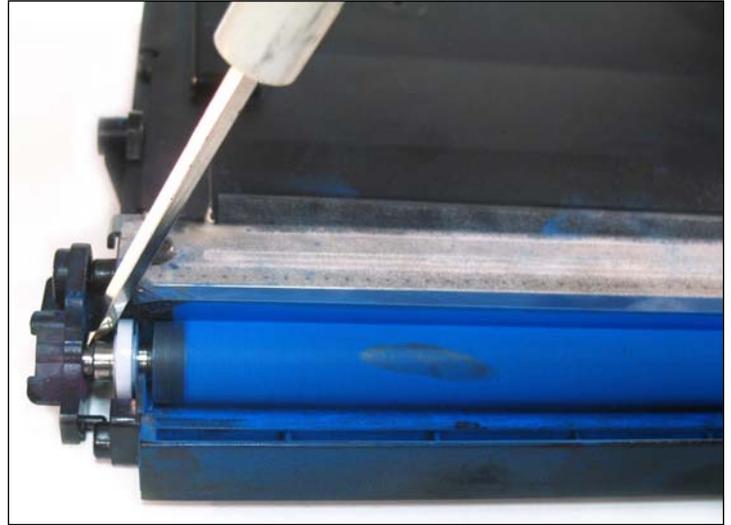
**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353



**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706

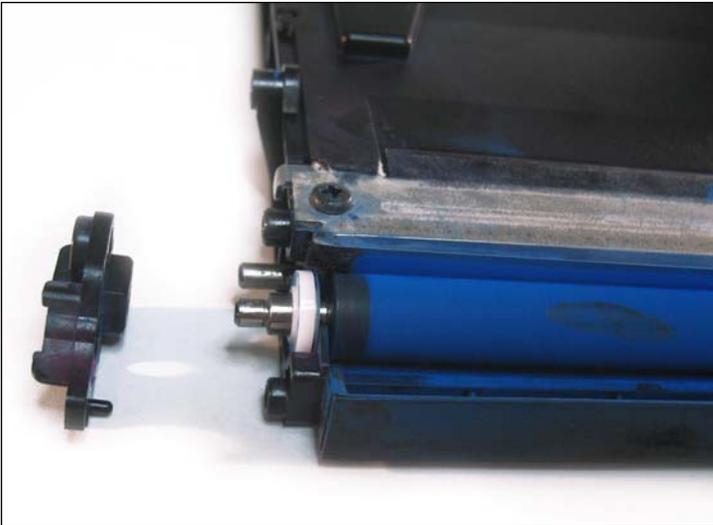


16. Gear-side support plate (shown) removed.



**CONTACT-SIDE SUPPORT PLATE REMOVAL**

17. Remove the contact-side support plate in the same manner as in the previous steps (14-16).



18. Contact-side support plate (shown) removed. You are now ready to remove the developer roller.



19. Remove the developer roller as shown.

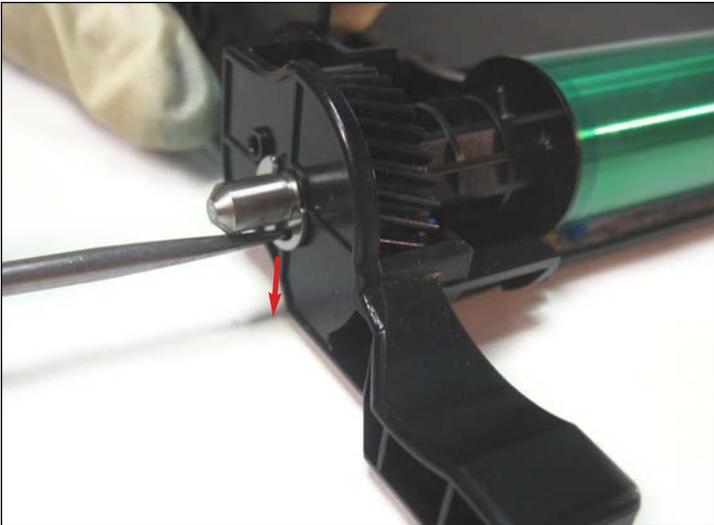




20. Locate the fill plug on the gear-side of the cartridge. Using a pair of pliers, carefully pull it out.

Clean cartridge and components thoroughly using compressed air.

Refill new toner. Reassemble hopper, and set aside.



**UNLOCKING THE OPC DRUM**

22. Locate the "C"clip (shown) that holds the OPC drum in place on one side. Use a small flat head screwdriver or straight hook tool to draw the "C" clip out.



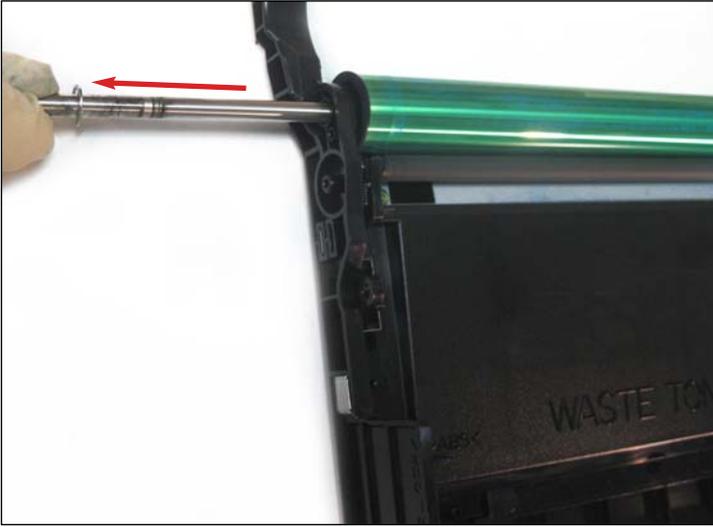
**DISASSEMBLING THE DRUM UNIT**

21. Drum unit shown.



23. "C" clip (shown) removed.





**REMOVING THE DRUM AXLE**

24. Pull out the drum axle through the opposite side as shown.



25. Follow through until the axle is completely removed.



**REMOVING THE OPC DRUM**

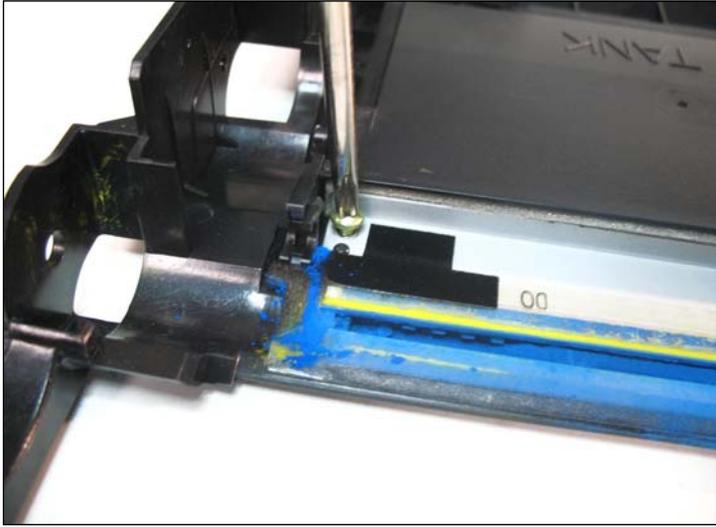
26. Remove the OPC drum as shown.



**REMOVING THE PCR**

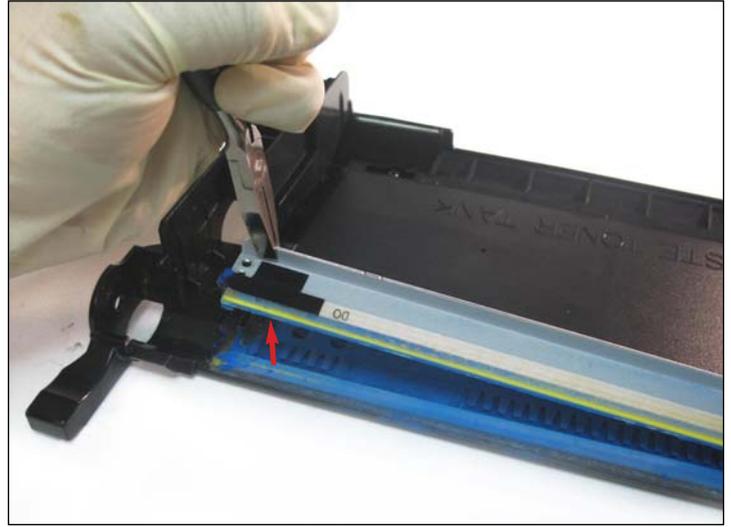
27. Remove as shown.



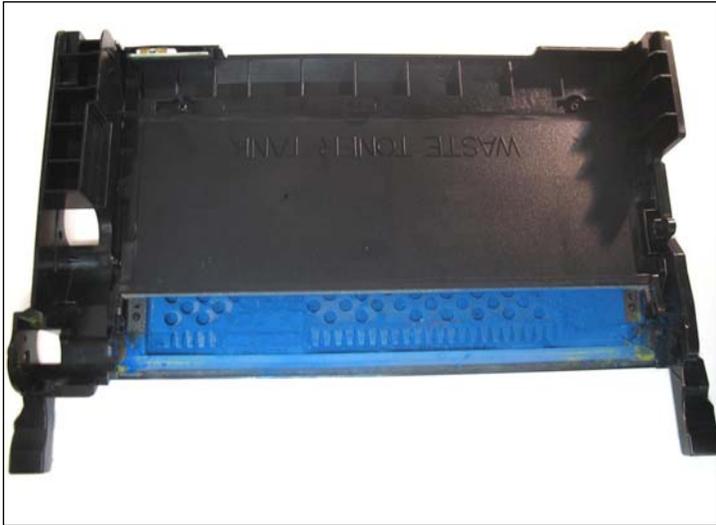


**REMOVING THE WIPER BLADE**

28. First, remove the two screws from both ends of the wiper blade.



29. Using a pair of pliers, grip and remove the wiper blade as shown.



30. Clean thoroughly and reassemble the drum unit.

**NOTES**



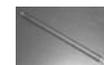
**USA**  
Ph: +1 310-280-9620  
Fx: +1 310-838-7294



**EUROPE**  
+34-93-757-1335  
+34-93-741-4166



**JAPAN**  
+81-3-44-55-2789  
+1 310-838-7294



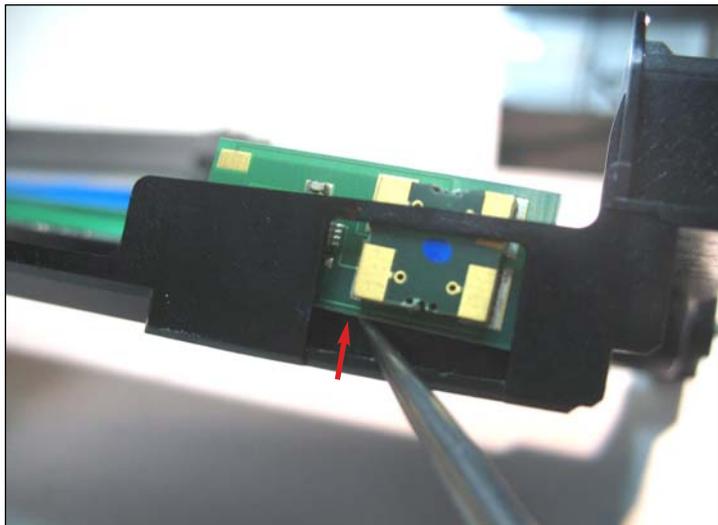
**CHINA**  
+8610 6297 6428  
+8610 6297 9584



**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353



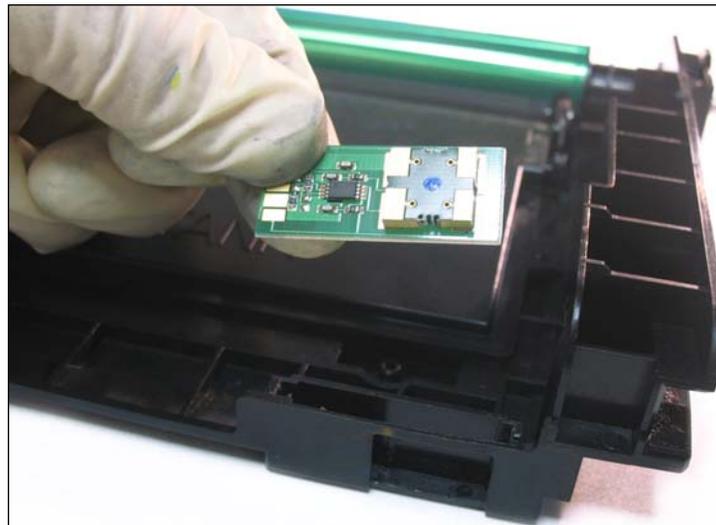
**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706



**OEM CHIP REPLACEMENT**

32. Just prior to joining the drum unit and toner hopper, you must replace the OEM chip located at the rear of the drum unit.

Using a small flat head screwdriver, pry the chip upward as shown.



33. Remove the OEM chip and replace it with a new aftermarket one.

Join the cartridge halves and test the cartridge.

**NOTES**



**USA**  
Ph: +1 310-280-9620  
Fx: +1 310-838-7294



**EUROPE**  
+34-93-757-1335  
+34-93-741-4166



**JAPAN**  
+81-3-44-55-2789  
+1 310-838-7294



**CHINA**  
+8610 6297 6428  
+8610 6297 9584



**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353



**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706