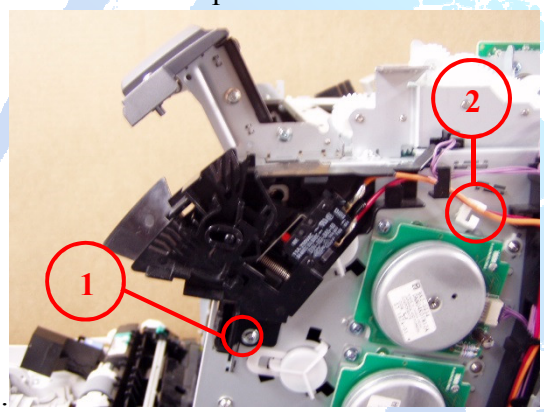
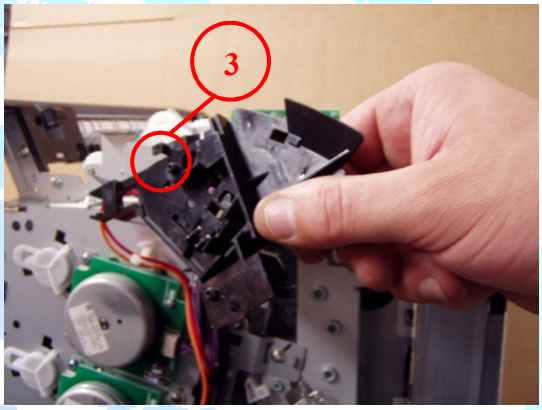
HP MDA Removal
CLJ 3000 / CLJ 3600/ CLJ 3800 / CP3505

1.) Remove consumables
   a. Remove toner cartridge
   b. Remove ETB
   c. Remove fuser: CAUTION fuser still may be warm
2.) Remove two covers
   a. Remover top cover
   b. Remove right cover
3.) Remove one screw from the interlock switch assembly (callout 1). Remove the interlock switch cables from there cable stay (callout 2). Be aware of the clip at the top of the interlock assembly (callout 3) when removing, this will help during the reinstallations process.





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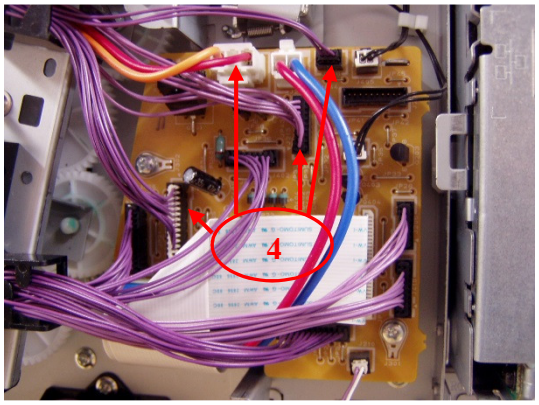
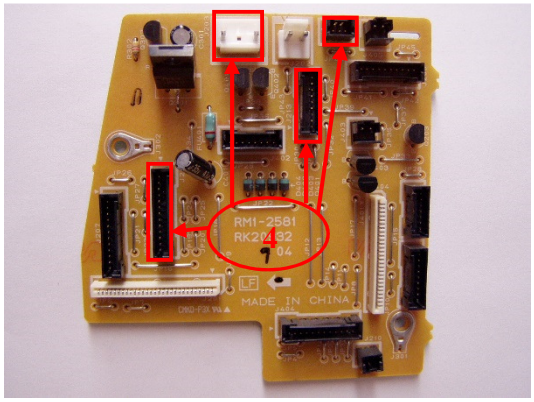
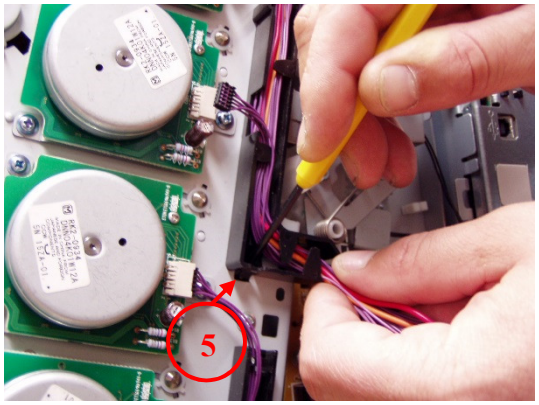
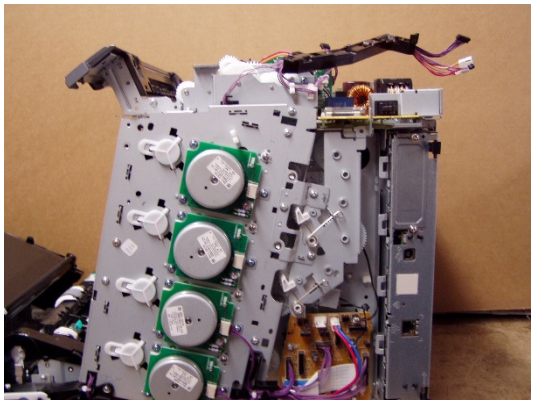
4.) Remove four cable connectors from the stepper motors on the main drive assembly. Remove cable connecters J202, J203, J213, J302 from the Driver PCA (callout 4). Release the tab for the cable guide harness (callout 5), lift up on the cable harness to release and move cables and harness away from MDA.

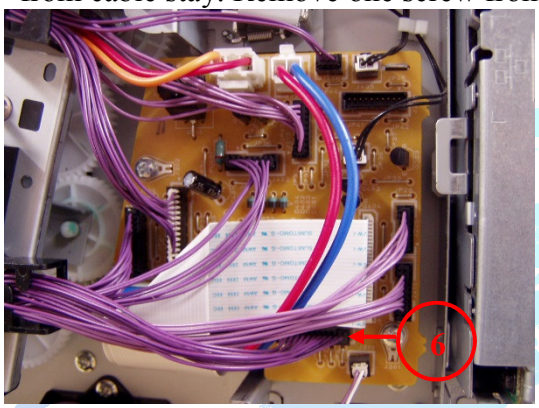


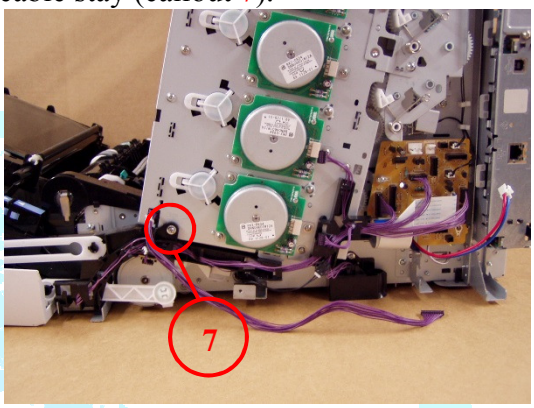




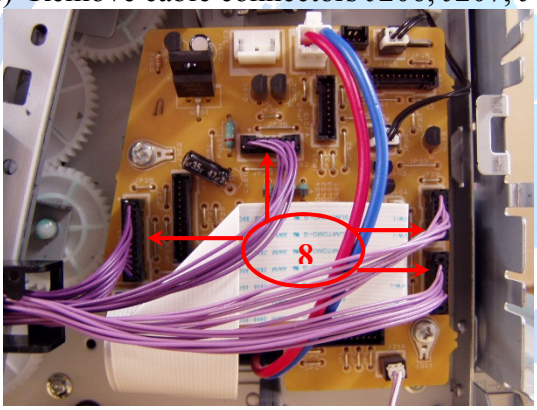


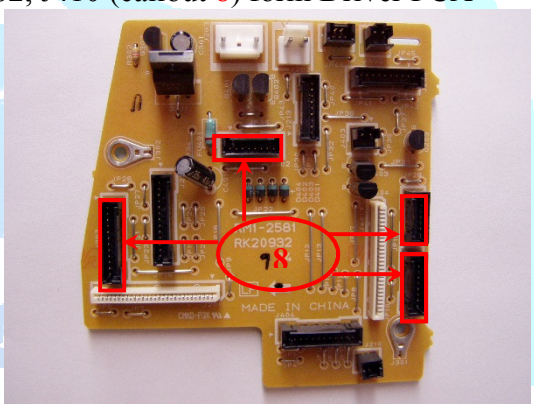
5.) Remove cable connector J404 (callout 6) from the Driver PCA and remove cable from cable stay. Remove one screw from cable stay (callout 7).



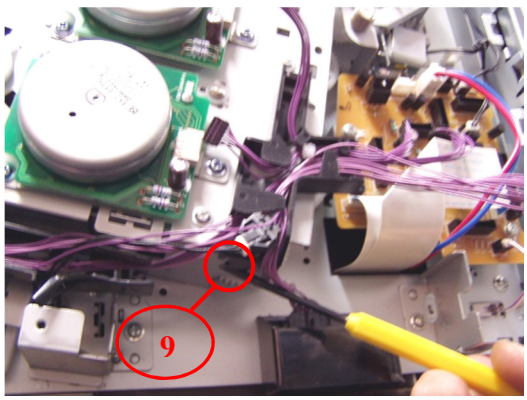


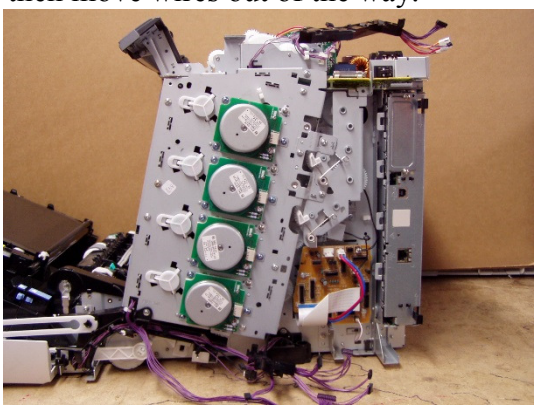
6.) Remove cable connectors J206, J207, J402, J410 (callout 8) form Driver PCA





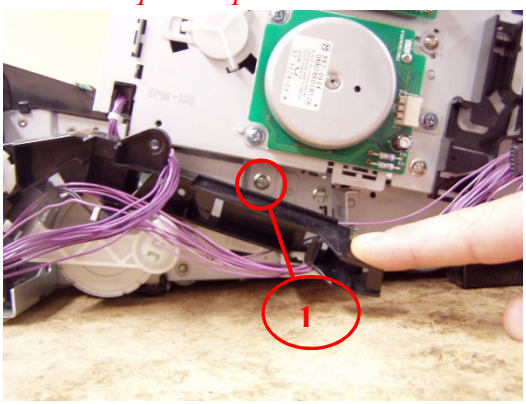
7.) Release one cable stay tab (callout 9) and then move wires out of the way.

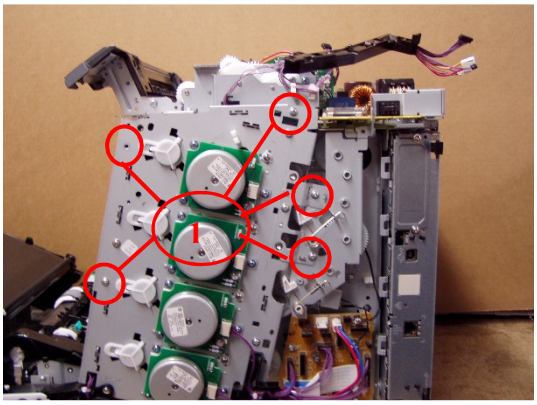




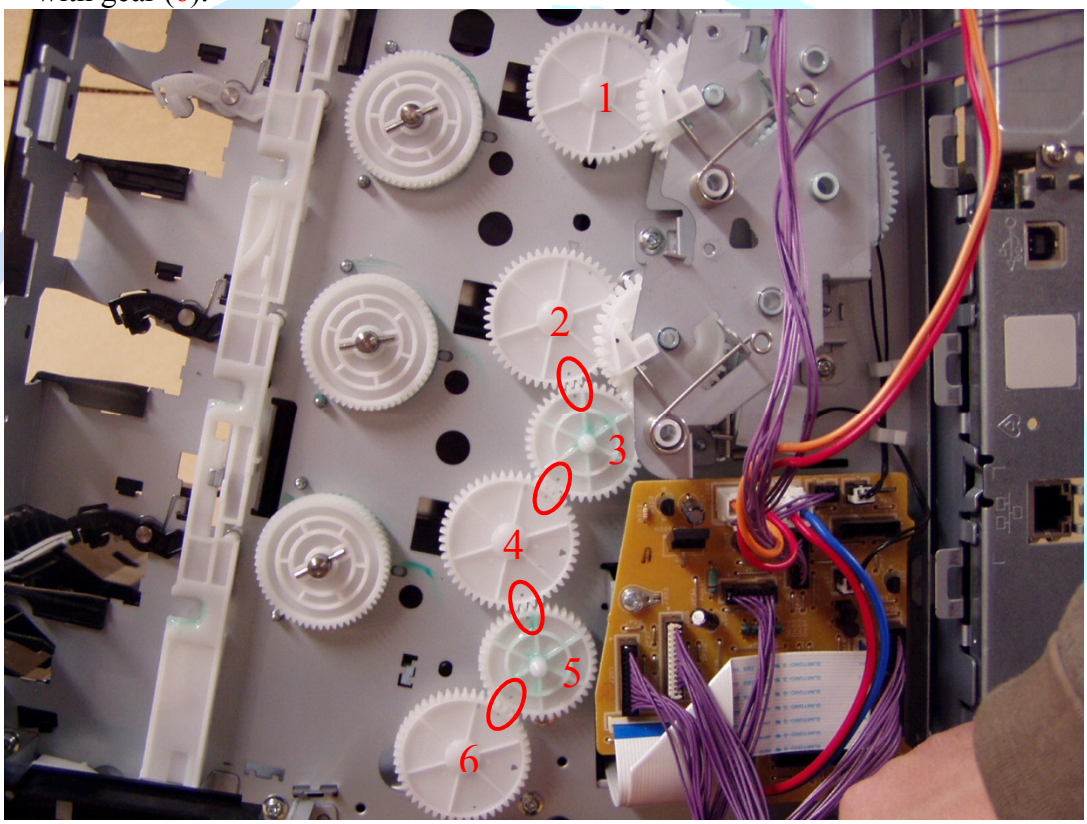
8.) Remove six screws form the MDA (media drive assembly) (callout 10) and carefully remove the MDA. To remove one of the six screws, bend the cable stay to gain access to one of the screws. Two timing gears may fall off, set them aside until

reinstallation. ***Caution*** *removing the incorrect screws could open the MDA, which could require replacement.*

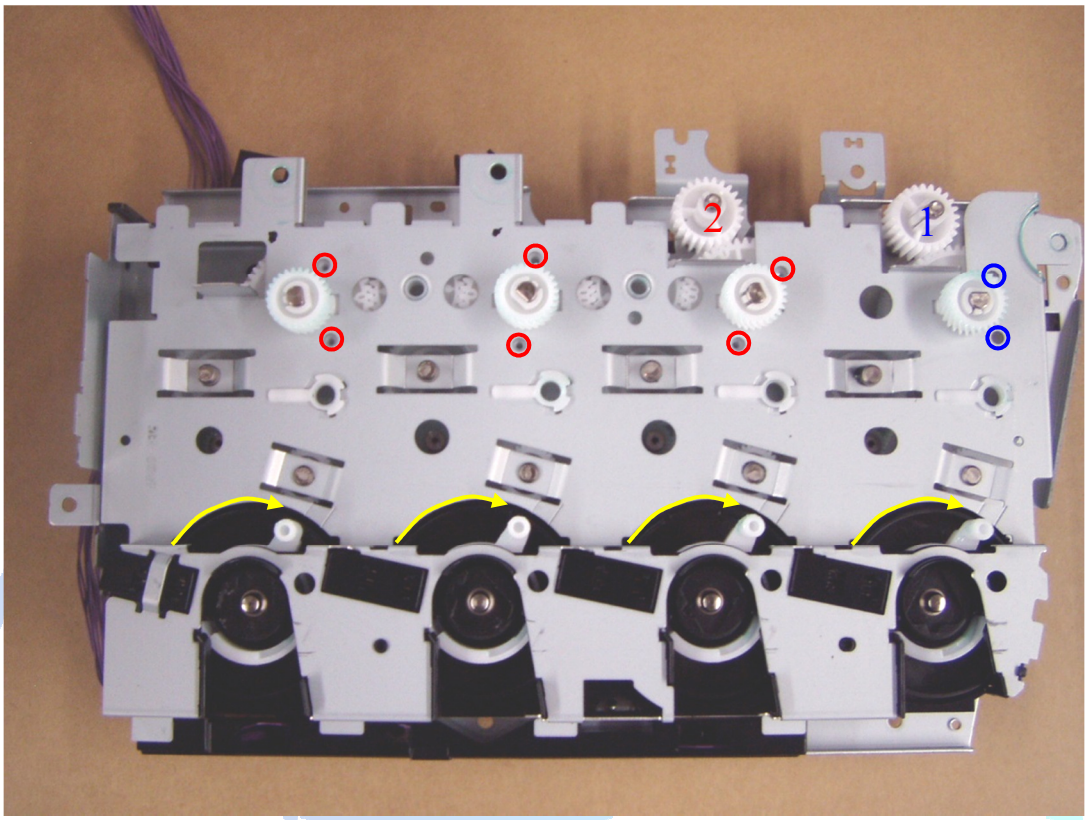




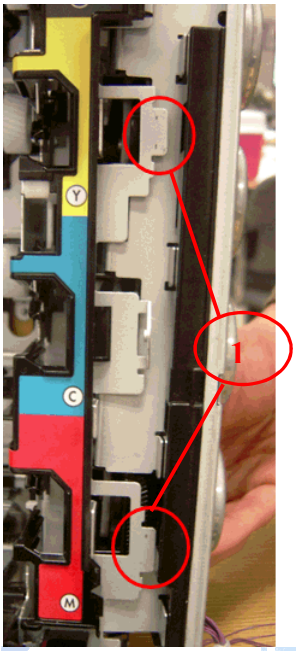
9.) If the two smaller gears have fallen off, retiming is necessary. If the gears did not fall off check to make sure machine is in time. The two large gears at the top (1&2) will stay in home position. Using the pinholes align small gear (3) with large gear (4). With gear (4) now in time, use the pinholes to align small gear (5) with gear (6).

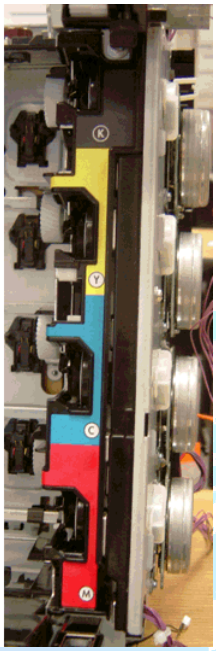


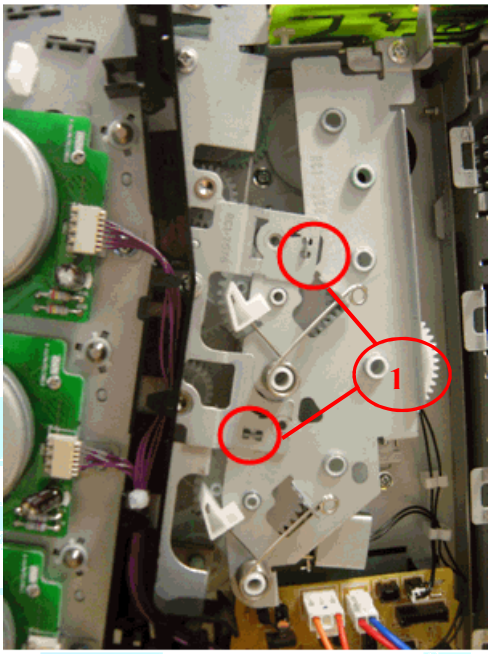
10.) The MDA must also be timed. To time the black drive turn the gear (1)(blue callout) to align the pinholes in the MDA frame with the pinholes on the gear. To time the color drive (CYM) turn the gear (2)(red callout) to align all six pinholes in the MDA frame with the pinholes in the gears. Rotate the four cams (yellow callout) all the way to the right. Push the cams back until they rest in between the lines engraved in the MDA frame. With the cams in this position the transfer belt ***must*** be in the up (closed) position for MDA reinstallation.



11.) With all the gears on the printer frame in alignment, the MDA in time and cam arms in proper position reinstallation can begin. Start by inserting the MDA at the left side into the metal tabs (callout 11) and then rotating it into position. You might need to place a screw in the upper left corner; this will allow you to use both hands to `wiggle' it into position. Make sure that the clips (callout 12) on the MDA are seated correctly.







12.) Start reversing with step 8.