ColorQube 8570/8870/8580/8880/8700/8900 655N00533
Head Tilt Gear Train Post Repair Kit Installation Instructions

Instructions for installation of kit **655N00533**, for repair of damage to mounting post and frame bosses for head tilt gear train.

1. Remove Drum Assembly (REP 2.4 for CQ 85xx/88xx, REP 7.13 for CQ 8700/8900).
2. Remove Drum Maintenance Pivot Plate/Drum Wiper Blade Assembly (REP 2.17 for CQ 85xx/88xx, REP 7.15 for CQ 8700/8900).
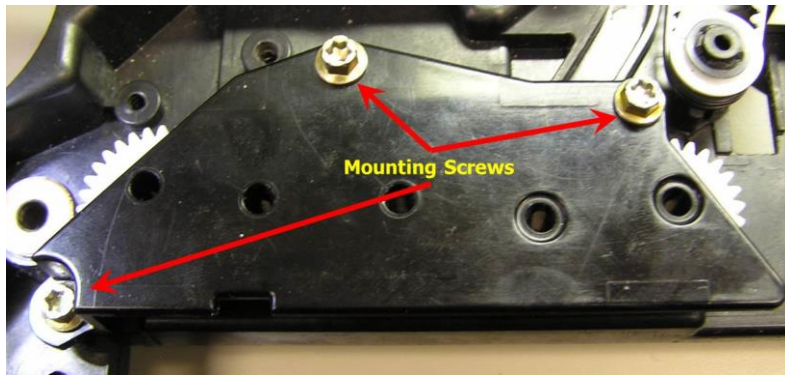3. Remove 3 screws securing bracket for gear train (Figure 1).

Figure 1 – Location of Screws on Gear Train Bracket

4. Remove gears
5. Inspect bosses on frame for damage, see Figure 2 for location.

Figure 2 – Boss and Post Location

6. If any boss is damaged, install appropriate sleeve from kit – **NOTE**: the sleeves are all different and must be installed on the correct location. Figure 3 shows all the sleeves in a side-by-side comparison.

Figure 3 – Sleeves Comparison

The boss closest to the front of the device for CQ 85xx/88xx, left hand side of the device for CQ 8700/8900 (see Figure 4) uses the longer sleeve (**A**). The boss in the middle uses the slightly-shorter sleeve (**B**), and the shortest sleeve (**C**) goes closest to the Compound Tilt Gear.

7. Check the screw mounting post on the frame for damage. If it is damaged, install the repair bracket using the spare mounting post (See Figure 4).
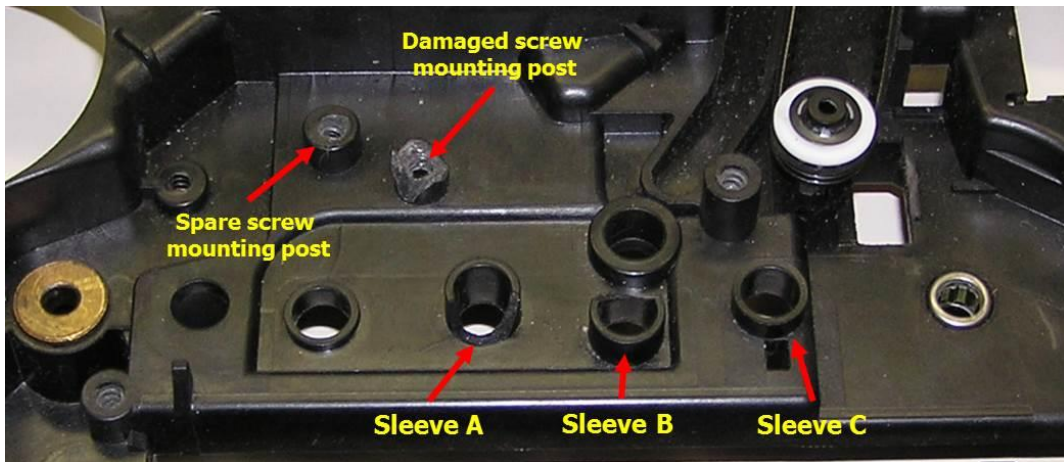
Figure 4 – Post and Boss Locations

Figure 5 below shows the bracket installed.

Figure 5 - Bracket Installed

Figure 6 – Complete Kit Installed

8. Reinstall gears and gear train bracket. If screw mounting post repair bracket is installed, align the repair bracket so that the hole for the screw is in line with the location of the damaged post, and use supplied self-tapping screw to secure the gear train bracket to the post repair bracket.

9. Reinstall Drum Maintenance Pivot Plate/Drum Wiper Blade Assembly (REP 2.17 for CQ 85xx/88xx, REP 7.15 for CQ 8700/8900).

10. Reinstall Drum Assembly (REP 2.4 for CQ 85xx/88xx, REP 7.13 for CQ 8700/8900).