



USPS Sorter System Carriage

CHAIN REPLACEMENT PROCEDURE



1

- ✓ Jog broken chain section to maintenance door installed in the sorter system.
- ✓ For safety, lock and tag out sorter system so that it cannot be activated.

2

- ✓ Remove access door retaining bolts and open access door to perform chain repair.
- ✓ Remove the necessary number of carriages to repair broken chain.

3

- ✓ Remove the cotter pins and chain pins from the broken chain links as needed.*
- ✓ Separate upper and lower chain links until the male boss end clears the female end of the other link.

4

- ✓ Install new chain links as needed and reinstall all chain pins, washers and cotter pins.
- ✓ Remove cumalong and nylon straps if used.

5

- ✓ Install removed carriages to chain and ensure carriages are straight and parallel to conveyer centerline.
- ✓ Torque carriage to chain attachment bolts to 35 ft-lbs.

6

- ✓ Close maintenance access door and reinstall access door retaining bolts.
- ✓ Remove lock and tag from sorter drive unit.