

Work performed on 734

Trucks removed

- All axles sent for inspection, wheel turning, journal polish/turndown as needed
- Trucks disassembled, inspected
- Pedestal bolts renewed
- Brake rigging pins renewed, bushings renewed as needed
- Brake cylinders rebuilt, new cups, new springs as needed
- Slack adjusters un-frozen, repaired
- Safety bars repaired as needed
- Journal boxes cleaned, new seals fabricated and applied
- Truck springs inspected
- Drop equalizers inspected
- Bolster dust guards repaired/renewed

Traction motors

- #3 & #4 motors removed from truck
- Gearboxes disassembled, cleaned, repaired as needed
- Replacement motor purchased
- #2 motor armature sent to motor shop for clean, bake, painting
- Brush holders removed, cleaned, repaired as needed
- Motors cleaned, painted
- Motor/gearbox re-assembled with gear lash adjusted
- #1 & #2 gearboxes re-assembled from parts
- #1 motor safety support fabricated/installed
- All journal bearings replaced
- Motor supports repaired/replaced

Fuel tank removed/ cleaned/ repaired/ re-installed

Air tanks removed/ cleaned/ inspected/ re-installed

Locomotive frame repaired at ends

Coupler pockets removed, mounting hardware renewed with correct materials, replaced

Handbrake assembly removed/ cleaned/ repaired/ re-installed/ made to operate

All steps, four (4) corners and two (2) cab entrance, fabricated

All handrails straightened/ repaired, pieces replaced as needed

Footboard brackets fabricated and installed

Handrail/footguard fabricated & installed both ends

All broken bolts removed from frame as needed

Air compressors

- Both removed from locomotive & torndown
- Rebuilt parts installed as needed
- New flexible piping installed

Battery box removed, new tray fabricated/ installed

Air brakes

- Original #14 stand removed
- #26 stand installed
- Air piping re-worked/ replaced as needed for #26 stand
- Distributing valve removed/ cleaned/ repaired/ replaced
- New piping installed thru pilots/ new angle cocks & supports installed
- Air gauges removed/ cleaned/ inspected/ replaced

Electrical system

- All wiring removed
- All contactors removed/ cleaned/ repaired/ replaced
- Field resistors moved to under-cab position from engine compartment/ repaired
- Reverser removed/ cleaned/ repaired/ replaced
- All new DLO/Exane wiring installed
- Upgrades to wire holding devices fabricated/ installed
- Control panel removed/ new style fabricated/ installed
- Ground lights installed
- Ground power connection installed
- Remains of original auxiliary generators removed
- 32V alternators installed with correct belting system
- 12V alternators removed along with remains of 12v system
- Main generators cleaned/ repainted/ repaired/ tested as needed
- New lighting/ control installed

Horn replaced/ horn valve replaced

Bell installed/ bell valve cleaner/ repaired/ replaced

Thermostatic radiator shutter control cleaned/ repaired/ made operable

All engine compartments scraped/ cleaned/ repainted

Cab heater fabricated/ installed

Cab floor removed/ repaired/ replaced with new material

New seats installed

All new glass installed in cab with new weatherstripping

Bodywork

- Engineer side cab supports replaced
- Door gutters fabricated/ installed
- Engineer window repaired/ made to operate
- Sliding windows removed/ repaired/ reglazed/ replaced
- Major dents recontoured/ repaired as needed
- All surfaces scraped/ needlescaled/ sanded/ all paint removed

Engines

- Exteriors cleaned
- Fuel pump rebuilt
- Throttle control replaced
- New thermostats installed
- Air cleaners removed/ cleaned/ repaired/ replaced
- Mufflers removed/ new piping installed/ replaced
- Bypass oil filters removed/ replaced with new style
- Piping repaired/ replaced as needed

Locomotive painted