

Car Numbers:

- Scope of Work:
1. Assure car is safe to work and suitable for modification (condition car).
  2. Cars are to be qualified and all required inspections are to be done during this modification per RES-138.
  3. All equipment and material removed from the car is to be marked with the reporting mark and car number to assure that it is reapplied to the original car.
  4. Inspect and modify trucks for 286, 000 gross rail load service per drawing 511910-01. Per RES-100, RES-101 and RES-210.
  5. Remove the following equipment from the car:
    - a.) Fittings assembly
    - b.) Safety valve
    - c.) Bottom unload valve including handle support
    - d.) End platform assemblies (as req'd).
    - e.) Operating platform, side ladders, side safety rail and end handrails. Air arc off existing supports flush with pads leaving pads on tank
    - f.) Remove brake rigging only as required to facilitate insulation and jacket application
  6. Modify tank as shown on drawing 511658. Shorten safety valve nozzle, apply jacket spacer banding and head supports and modify skid.
  7. Patch paint as required.
  8. Apply insulation as shown on drawing 511874.
  9. Apply jacket and head shields as shown on drawing 511667.
  10. Reapply brake rigging as shown on drawing 511936. Replace any components as required in kind per original air brake assembly. Test air brake system as required per RES-90 and RES-91. Brake system equalization and brake shoe force test as described in ES-41-45.
  11. Reapply existing operating platform, ladders, side safety rail and end platform assemblies. Trim existing supports as required to maintain dimensions shown on drawings 511712, 511716 and 511708. For end platform reapplication use ref. dwg. 505192.
  12. Apply new fittings assembly as shown on drawing 511844.
  13. If manway equipped with vrv, plug per dwg. 508631-01.
  14. All manway eyebolts ARE TO BE REPLACED. For proper eyebolts replacement ref RES-212. For any questions contact Fleet Engineering.
  15. Apply new safety valve as shown on drawing 511847.
  16. Reapply existing rebuilt bottom unload valve.
  17. Apply disengaging handle as shown on drawing.
  18. Gasket material to be Durlon 9000 and "O"ring material Buna N unless noted otherwise in car shopping instructions.
  19. Air test all connections per RES-153 and RES-169.
  20. Apply minimum interchange stenciling as required. See drawing 511916-01.
  21. Paint and stencil as shown on drawing 511915. Car to be stenciled DOT 117R100W. Light weigh car as required and stencil accordingly, with new max. weight on rails of 286,000 lbs.
  22. Curve test first car and two others per ES-41-61 tests #1 and #2.

Split B