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Appendix C – Air Brake Overhaul

Safety Condition: SC1 - Applies throughout this appendix


1. *Vehicles fitted with NACO Swing Motion Bogies have the power brake equipment i.e., brake cylinder, brake regulator and levers, bogie mounted ('TMX' – Truck Mounted System).*
2. *For the air brake equipment DBS's CBM necessitates programmed stripdown, overhaul and re-assembly being undertaken. This "Air Brake Overhaul" is to undertaken at the same time as the VIBT in the year following the 15th anniversary from last major attention, ie, Construction, General Repair, or last Air Brake Overhaul.*
3. *If any brake component is removed or disturbed, a brake test to confirm the correct function of that component MUST be undertaken (this of course may be the subsequent brake test if not yet carried out).*
4. *Whenever items are removed, exposed pipe ends and equipment connections MUST be blanked off to prevent ingress of dirt or foreign matter. Ensure any temporary covers are removed prior to refitting components*
5. *Items must be changed on a like for like basis (ie, components of the same manufacturer MUST always be used as replacements).*
6. *PTFE Tape must not be used when making screwed joints – use Loctite 577 pipe sealant to Cat No. 7/60725.*
7. *Renew all gaskets, seals and 'O' rings which have cause to be removed by work in this specification.*
8. *When removing equipment for overhaul, ensure that all pipe fittings are removed from the equipment and retained with the wagon for refitting.*

C1001 – Top Centre Casting and Centre Pivot Exam

1. **SAFELY** lift and **SUPPORT** the vehicle, and examine top centre casting and centre pivot for damage, defects, fractures and security of fixing.

C1002 – Handbrake Gearbox

1. Remove and fit overhauled or new unit.

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Appendix C – Air Brake Overhaul, continued

C1012 – Brake Pipe & Main Reservoir Pipe Coupling Cocks

1. Remove and fit overhauled or new coupling cocks.

C1013 – Brake Pipe & Main Reservoir Pipe Coupling Hose

1. Remove and fit new hoses irrespective of condition of existing.