

ACCELERATED MAINTENANCE SCHEDULE

FOR SEVERE DUTY
C-90 TMA

SEPT 2026

C-90 TMAs require regular maintenance including daily checks, monthly greasing, annual TMA inspections, and pivot pin replacement every 18 months on high-use TMAs. For more information, visit www.rtl.co.nz or email services@rtl.co.nz

TASK	TASK PERFORMED ON C-90 TMA								
	BEFORE USE		WEEKLY		MONTHLY		EVERY 6 MONTHS	ANNUALLY	EVERY 18 MONTHS
Annual TMA Inspection to be completed with RTL	Book Online at: www.rtl.co.nz/book-a-service								✓
Replace Pivot Pins with RTL every 18 months	Book Online at: www.rtl.co.nz/book-a-service								✓
Wash/clean road grime AFTER each use	✓		✓		✓		✓		
Verify TMA raises and lowers properly	✓		✓		✓		✓		
Verify function of all lighting (Tail Lights, Side Marker Lights, etc.)	✓		✓		✓		✓		
Verify that reflective sheeting is present and in good condition	✓		✓		✓		✓		
Check TMA for hydraulic fluid leaks	✓		✓		✓		✓		
Verify that jack crank handles fold up tightly and do not hang down	✓		✓		✓		✓		
Verify that energy absorbing modules and tubes are secure and in good condition	✓		✓		✓		✓		
Check ride height, adjust if it does not meet 305mm ± 25mm specification ¹	✓		✓		✓		✓		
Check for loose or missing fasteners and hardware	✓		✓		✓		✓		
Check energy absorbing tube assemblies for cracks and gouges			✓		✓		✓		
Check ATF/hydraulic fill level ²			✓		✓		✓		
Check energy absorbing tube assemblies for broken welds ³			✓		✓		✓		
Check energy absorbing modules for large dents, punctures			✓		✓		✓		
Verify tensioning cables are tight			✓		✓		✓		
Grease pivot points ⁴			✓		✓		✓		
Check TMA hydraulic components, valves, and pivot pins for dirt and debris			✓		✓		✓		
Verify overall dimensions are still within specification ⁵			✓		✓		✓		
Clean all electrical connections on pump power and controller circuits			✓		✓		✓		
Verify structural integrity of all steel attenuator components							✓		
Verify structure integrity of truck side mounting components							✓		
Verify integrity of all welds							✓		
Drain TMA hydraulic system and replace fluid							✓		

1. Reference TDI Drawing 1000-200 for Ride Height Measurement and Adjustment
2. Utilize Appropriate Automatic Transmission Fluid (ATF) to Proper Fill Level
3. Reference TDI Drawing 1000-236 for Tube Measurement and Inspection
4. Utilize Extreme Pressure (EP) Moly Grease for All Grease Points
5. Reference TDI Drawing 1000-197 for Overall Dimensions

TMA Intended Use - MUST READ

NOTE: Truck Mounted Attenuators (TMAs) are designed solely as crash attenuators. They must not be used as a mobile barrier or for any purpose other than crash attenuation and should only be deployed at speeds up to 50 km/h. Use outside these conditions will void the warranty.