

ACCELERATED MAINTENANCE SCHEDULE

FOR SEVERE DUTY
C-90 TMA



C-90 TMAs require regular maintenance including daily checks, monthly greasing, annual TMA inspections, and pivot pin replacement every year 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	BI-ANNUALLY	ANNUALLY
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				✓	
Replace Pivot Pins with RTL					✓

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.