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TrafFix Devices Inc.
*Engineered Products for Safer Highways*

RTL

# TMA MAINTENANCE CHECKLIST

**TMAs require regular maintenance. RTL recommends daily checks, monthly greasing, annual TMA inspections, and pivot pin replacement every two years. For more information, visit www.rtl.co.nz**

| TASK | BEFORE USE | WEEKLY | MONTHLY | ANNUALLY | EVERY TWO YEARS |
|---|---|---|---|---|---|
| **Annual TMA Inspection to be completed with RTL** — **Book Online at: www.rtl.co.nz/book-a-service** | | | | ✓ | |
| **Replace Pivot Pins with RTL every two years** — **Book Online at: www.rtl.co.nz/book-a-service** | | | | | ✓ |
| Wash off road salt and 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 energy absorbing tube assemblies for broken welds | | ✓ | ✓ | ✓ | |
| Check energy absorbing modules for large dents, punctures, or missing rivets | | ✓ | ✓ | ✓ | |
| Verify TMA Strut tensioning straps are intact | | ✓ | ✓ | ✓ | |
| Grease pivot points and lockout arm | | | ✓ | ✓ | |
| Grease jack casters | | | ✓ | ✓ | |
| Check TMA hydraulic components, valves, and pivot pins of dirt and debris | | | ✓ | ✓ | |
| Verify overall dimensions are still within specification | | | | ✓ | |
| 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 | | | | ✓ | |
| Clean/remove rust and repaint as needed | | | | ✓ | |
| Drain TMA hydraulic system and replace fluid | | | | ✓ | |

**Name:** _____ **Truck Rego:** _____

**Date:** _____ **TMA Serial Number:** _____

## TMA Checks, Servicing & Maintenance

**NOTE:** TMAs require regular maintenance. RTL recommends daily checks, monthly greasing, annual TMA inspections, and pivot pin replacement every two years. For more information, visit www.rtl.co.nz or contact our Service Team. Please call us today on 0800 785 744.

## 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.

**Contact: services@rtl.co.nz or 0800 785 744**