



**Scorpion® &
Scorpion II®**
ATTENUATORS

BEST PRACTICE MAINTENANCE SCHEDULE: BEFORE USE + WEEKLY

TASK — BEFORE USE	TMA	TA
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 TA tires for proper inflation, tread, and condition		✓

TASK — WEEKLY	TMA	TA
Check ride height, adjust if it does not meet 12" ± 1" specification	✓	✓
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	✓	
Check TA Breakaway Brake System is properly connected and charged		✓
Check TA Brake function by pulling lanyard pin and verifying brakes apply		✓
Check TA attachment to the host vehicle ensuring that the Pintle Hook is secure and safety chains are properly attached and not dragging		✓
Check TA TARS contact zone is correct		✓



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BEST PRACTICE MAINTENANCE SCHEDULE: MONTHLY + ANNUALLY

TASK — MONTHLY	TMA	TA
Grease pivot points and lockout arm	✓	
Grease jack casters	✓	✓
Check TMA hydraulic components, valves, and pivot pins of dirt and debris	✓	
Check TA Pintle Hook for wear		✓
Check TA Lunette Eye for wear		✓
Check TA wheel bearings for proper lubrication and adjustment		✓
Check TA Inner TARS tube stop to ensure there is no gap between the outer tube		✓
TASK — ANNUALLY	TMA	TA
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 structure integrity of pintle		✓
Verify integrity of all welds	✓	✓
Clean/remove rust and repaint as needed	✓	✓
Drain TMA hydraulic system and replace fluid	✓	
Check TA set screws for TARS system; tighten all loose fasteners		✓
Service TA trailer brake system/hubs		✓
Repack TA wheel bearings		✓