

SCORPION® TL-2 TRUCK MOUNTED ATTENUATOR

NCHRP-350 Tested, Passed & Approved



Proudly Brought to You By:

RTL →

*Different
by Design*

SCORPION's Modular Design Creates An Unbeatable Standard Of Performance

Scorpion TMA's are designed with SAVING LIVES top of mind! They slow down an impacting vehicle to minimise occupants' injuries and ensure their survival.

After 17 years on the road, with over 2000 documented impacts, and thousands of lives saved across the globe, the Scorpion TMA's Patented design is the safest and most reliable Truck Mounted Attenuator available today!

Impact Energy Absorption

Scorpion Attenuators slow down the impacting vehicle rapidly whilst minimising the G-force that can lead to injuries for the vehicle occupants. Upon impact, the Scorpion TMA crushes in progressive stages, absorbing impact and reducing repair costs.

As the tubes bend a portion of the welds at the end of the tubes will fracture, providing further impact energy absorption. As the aluminum tubes flair, Cartridge B and C will make contact – the remaining impact energy is absorbed by the Cartridges.

Nuisance Impact: Cartridge A will absorb the impact and need to be replaced.

High Speed Impact: As the vehicle intrudes into the attenuator, the centre of the aluminum tubes absorbs the energy transferring the load into the vertical end plates.



RTL's Scorpion line of Attenuators are truly “different by design”

- The Scorpion TMA consists of Strut and Cartridge sections that are linked together on a support frame
- The curved side rails are made from corrosion resistant aluminium tubes, which offer full width impact protection along the entire length of the unit
- The side rails re-direct errant vehicles away from the rear of the truck
- Other Crash Attenuator models on the market, have little or no side-angle impact protection
- The aluminium boxes are filled with a moisture proof, aluminium honeycomb material. The boxes together with the curved side rails, absorb the energy from an impacting vehicle

Regulatory Compliance

- Scorpion TL-2 TMA's have passed all optional and mandatory requirements for NCHRP-350 for TL-2 and TL-3.
- Has passed the UKTD49, 110 km/h (68 mph) test
- Has passed a "worst case" side angle re-directive impact test - this goes above and beyond testing requirements
- **Please Note: We also supply a range of MASH Approved SCORPION II® TL-3 Attenuators. Please contact us for more information.**



Call Us for expert advice

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www.rtl.co.nz

