



# MILITARY CATALOGUE



**MILITARY & SECURITY SOLUTIONS**

[WWW.TOUGHGEARTRADINGMILITARY.COM](http://WWW.TOUGHGEARTRADINGMILITARY.COM)



# WELCOME

Thank you for the opportunity to showcase to you some of our Tough Gear products. Here at TGT we are pleased to offer a complete package solution to suit the needs of your business. We aim to make your ordering process as smooth as possible wherein we arrange the freight and documents for you.

The solution we provide to the needs of our clients is achieved by our flexibility and ability to “TAILOR MAKE” Military Standard Project Solutions. We consist of a global network of teams that possess extensive experience in the Military and automotive 4x4 Industry and who provide support infrastructure.



We aim to provide global brands to our customers that are known for quality and innovation. I invite you to take a look at our website where you would find links to our Facebook page, and Instagram Page.

Kind Regards  
**GARY TURNER**  
*Founder and Director*

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# ABOUT US

Tough Gear Trading Pty Ltd (TGT) is an Australian based company, with their Head Office in Brisbane. As a family run business, it was pioneered in early 2015, focusing on the 4x4 and 4WD market. The founder, Gary Turner, soon saw potential in the military accessory market, for a one stop Service Provider to armouring companies and end users. This led to the diversification of the original TGT as a 4x4 accessories company to include a Military Division. It is hereby that Gary began to incorporate the supply of various military focused products. This resulted in TGT becoming a one stop Service Provider of choice by various reputable international manufacturers of armoured vehicles. With various in-demand product lines incorporated, TGT then became involved in special projects resulting in a relationship that is driven by a professional approach to requirements, sourcing of solutions and ensuring that the right product is supplied at the required time and at the best value for money. We pride ourselves in a quality product line. We don't go for 'cheap', but the best value for money, not only to our direct contact/client, but all along to the end user. By choosing TGT as your One Stop Service Provider, you become part of the TGT Family where you share our values and strive to perfection.



# WHAT TGT OFFER

## DECADES OF EXPERIENCE

TGT has been a trusted name in the auto parts industry for nearly three decades. With a proven track record of delivering high-quality solutions, we've established ourselves as a leading provider of 4x4 accessories, security systems, and specialized components for the military, mining, and fleet sectors. Our extensive experience allows us to anticipate industry trends, adapt to evolving needs, and consistently exceed expectations.

## PACKAGED SOLUTIONS

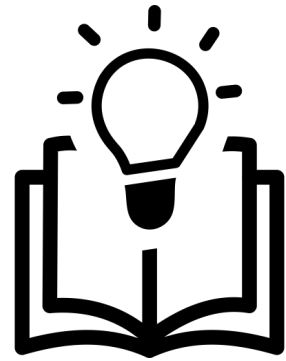
No matter the scale of your project, TGT is committed to providing comprehensive, tailored solutions. Our expert team takes a consultative approach, working closely with you to understand your specific requirements. From initial product selection to seamless delivery, we handle every aspect of the process, ensuring a smooth and efficient experience. Whether you need a single component or a complete system overhaul, we have the expertise and resources to deliver.

## QUALITY PRODUCTS

TGT's unwavering commitment to quality is reflected in our partnerships with world-class suppliers. We source only the finest products from renowned brands, ensuring that you receive components that meet the highest industry standards. Our extensive global network allows us to access a diverse range of options, empowering you to choose the perfect solution for your needs.

## ROUND THE CLOCK SUPPORT

Your success is our priority. That's why we offer round-the-clock support to assist you whenever you need it. Our dedicated team is available seven days a week to provide prompt assistance, expert advice, and timely solutions. Whether you have a technical query, require troubleshooting guidance, or need to place an urgent order, we're here to help.



# TGT HISTORY



- 2015** - TGT was born! TGT is a family run business, founded by the Turner family. We launched in 7 countries & appointed dealers in the Gulf Region.
- 2016** – We secured contracts with the UN and Saudi Arabia Military to support Auto parts for specialised 4x4 vehicles.
- 2017** - Launched TGT Dubai, with full offices and operations team.
- 2018** - Expanded range of offers and held the licence for many strong Australian Brands as international licence holder.
- 2019** - Launched TGT in Sub-Sahara Africa and expanded global team and appointment of specialised military experience. Opened facility and showrooms in the UAE.
- 2020** - Launched TGT camping products into Australia and began participating in local 4x4 Shows. Secured warehouse facilities within Australia. Opened showrooms in Kenya.
- 2021** - Expanded our range. A brand new webpage and updated catalogues were launched. Secured contract in Egypt with Government and appointed new team members in the region. Secured contract with Egypt Mines to support 4x4 accessories.
- 2022** - Launched XGG suspension in Australia and appointed new dealers in Australia. Expanded network & dealerships in Europe.
- 2023** – Expanded further. XGG Suspension took off in UAE and Europe especially. Partnership with Carsales and Goodyear/Dunlop stores. Upgraded the TGT Profile and marketing. Launched new military catalogue and welcome new suppliers. Launched mining applications.
- 2024** – 2024 has been a successful year for TGT, marked by significant growth and participation in various shows both domestically and internationally. We are excited to continue this momentum in 2025 with plans for even more global events.



# MILITARY HISTORY

In 2015 TGT initiated the supply of armour accessories into the military industry. In general, the products we provide to the military sector are of a high standard and we produce them according to customer specification. With decades of experience in the industry, we understand the mission with its critical requirements – therefore quality, diligence and efficiency is our motto. We have facilitated reputable projects in various countries around the globe and supported manufacturing teams by delivering great deals and quality products. Our goal has always been to supply the best value equipment for the highly demanding tasks to the military and security professionals of this industry. In 2017 TGT decided to diversify its military capability and entered into agreements to manufacture military IPV Vehicles. In 2021 we joined forces with a Military and Security tactical gear manufacturer and obtained distribution rights for the supply and distribution of military standard ration packs as well as ready cooked meals and staples.





# PROJECTS

## PROJECT EXPERTISE

Tough Gear Trading is a global leader in vehicle protection solutions, with a proven track record of successful project rollouts across diverse markets, including military, fleet, mining, and retail sectors.

## Our Project Management Approach

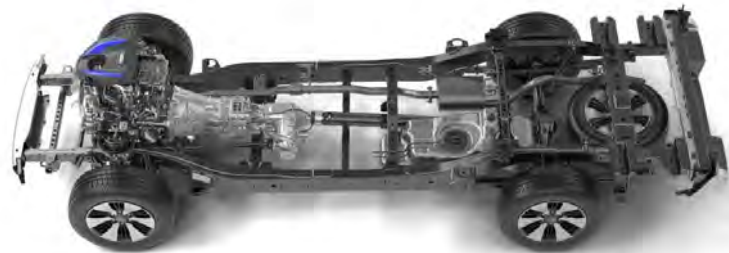
We prioritize a meticulous approach to project management, ensuring:

- **Meticulous Planning:** Ensuring smooth project execution.
- **Strong Partnerships:** Collaborating with stakeholders for optimal outcomes.
- **Clear Communication:** Keeping everyone informed throughout the process.
- **Advanced Tools:** Leveraging technology for efficiency.

## Our core competencies include:

Protection solutions for a wide range of 4x4 vehicles, such as:

- Light Patrol & Energy Company Vehicles
- Mobile Workshops
- Ambulances & Fire Fighter Vehicles
- Troop Carriers & Command Vehicles
- Mining Vehicles & Army Vehicles



# COMPANY CREDIBILITY

## BUILDING TRUST AND EXPANDING REACH

We are proud of our ongoing partnerships with leading Australian organizations such as AUSTRADE, TIQ, and the ADF. Their endorsement is not just a badge of honor; it's a testament to the quality and reliability of our products and service.

We are also thrilled to announce that we've been officially approved by SAMI. This prestigious designation allows us to supply our products directly to the Saudi Arabian Military.

## Benefits of Collaboration

**Streamlined Processes:** Their expertise helps us navigate complex processes and regulations, often shortening the time it takes to secure contracts. This allows us to focus on what we do best – providing top-tier equipment and exceptional service.

**Informed Decisions:** Their insights and feedback help potential clients make informed decisions with greater confidence. By working directly with a trusted source like AUSTRADE or TIQ, clients can be assured of our capabilities and commitment to quality.

**Building Trust:** Their endorsement strengthens our credibility in the eyes of both domestic and international customers. This allows us to build stronger relationships and secure valuable partnerships with dealers worldwide.



**TRADE +  
INVESTMENT  
QUEENSLAND**

Our Ref: QOD24-064

11 April 2024

To Whom it may Concern

As the Queensland Government's global business agency, Trade and Investment Queensland (TIQ) has a twofold charter to support Queensland businesses develop and expand export opportunities and to attract international companies to invest, locate and partner in Queensland.

Tough Gear Trading is a key client of TIQ, and we have been working with the company for several years to support its growth in international markets.

Developing international partnerships and collaborations is a priority for Tough Gear Trading, and with TIQ's assistance has achieved success in several countries in the Pacific Islands.

Tough Gear Trading contributes significantly to Queensland's manufacturing ecosystem and its 4x4 accessory applications are used in a wide range of industries. TIQ will continue to work with Tough Gear Trading to support the growth of its export footprint and its international reputation.

Please direct any further enquiries to Mr Jason Lowther, Manager, Manufacturing, Consumer and Services by telephone +61 439 761 382 or email: [Jason.Lowther@tiq.qld.gov.au](mailto:Jason.Lowther@tiq.qld.gov.au).

Yours sincerely

A handwritten signature in black ink, appearing to read "Denise Kreymborg".

Denise Kreymborg  
**General Manager, Queensland Operations**  
**Trade and Investment Queensland**



# MILITARY ACCESSORIES

TGT specializes in military-grade accessories for a wide range of vehicles, including the Toyota Landcruiser 79 series. Discover innovative solutions for your next project.

## BULLBAR

TGT has a range of bullbars to suit your vehicle, including Steel, Alloy and Polyethylene.

## REAR BUMPER

The Rear Bumper include all the parts needed to make a perfect match between the body and the bumper.





# MILITARY ACCESSORIES

## ROLL CAGE WITH 360° TURRET

- Free Rotation Locking Mechanism
- Back Seat Roll Cage can accommodate UP TO 4 ppl
- Standing Platform with 2 extra places for Ammo Boxes

## 360° TURRET RING

- Safety Opening System
- Light Armoured Protection for Soldier
- Comfortable and Practical
- Greaseable Bearing

## UNDERBODY PROTECTIONS

### FULL UNDERBODY ENHANCEMENT

All of these Underbody Protection plates combined, makes a **full armour underneath** your 4x4, which covers **up to 90%** of the under carriage of the vehicle.

#### Features:

- Original Fixing Points
- Light Weight
- Resistant
- Non-Toxic
- Corrosion Resistance

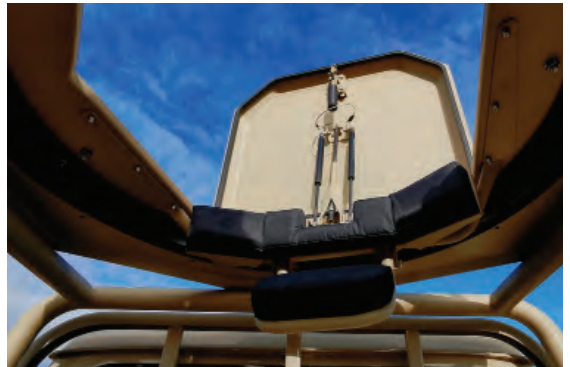
#### Options:

- Sump Guard Skid Plate.
- Gearbox Skid Plate.
- Transfer box Skid Plate.
- Fuel Tank Skid Plate.
- Rear Axle Skid Plate.

## GUN MOUNTS

The gun mount was designed for a 0.50 cal / 12.50 cal weapon to be fitted to a turret with variable angle. In both variations the turret has safety lock pins, which are very easy to use.

**Disclaimer:** Tough Gear Trading, its staff and affiliates, involved in this project are against all means of violence and **DO NOT** partake and commercialize guns/weaponry of any sort, and for this reason we wish to not be contacted about this. Enquiries or communication regarding this will be discarded.



# WINCHES

Since our establishment in 2015, TGT have been engaged in manufacturing and exporting various winches and 4x4 off-road accessories.

Our TGT winches have gained a strong reputation as superior world-class products. Accordingly, our winches have been used for a variety of purposes - including incline load pulling, vehicle recovery recreation, commercial and military applications.

TGT has a variety of winches available ready to accommodate your specific needs. Our range of winches start at 8000lbs and go up to 20,000lbs. Our current main products includes; armoured vehicle winches, electric winches, modification parts for off-road vehicles and many other outdoor accessories.







# FEATURES

## Some features of our winches includes:

- Waterproof IP68 Rating
- Series Wound DC Motor
- UV Resistant Matt Black Coating
- Multiple Solenoid Mounting Points
- 3 Stage Planetary Gearset
- Remote Control
- Synthetic Rope or Steel Cable
- Larger Clutch Level
- Aluminium Fair Lead
- Sliding Ring Gear Clutch

## Pull Strength Options:

- 8,000lbs
- 9,500lbs
- 10,000lbs
- 12,000lbs
- 15,500lbs
- 17,000lbs
- 20,000lbs





# ROLA®

*JUST ADD ADVENTURE*

Rola is a well-established Australian brand with a rich history spanning over four decades. Rola was founded by a Sydney windsurfer seeking a safe and efficient way to transport his surfboard. This innovative solution marked the beginning of a journey that would solidify Rola's position as a leading provider of roof racks and cargo management solutions.



## PRODUCT RANGE

Combining functionality with form, Rola's range of roof racks, trays, and accessories are designed to withstand the toughest conditions. Our team of engineers, who are also 4x4 and outdoor enthusiasts, rigorously test our products in our ISO accredited laboratory to ensure they can handle the harshest environments, and further test them on the Cruisemaster R.A.T. Run.

- Roof Racks
- Roof Platforms & Trays
- Titan Accessories
- Bike Racks
- Hardware & Straps
- Commercial Accessories





# TITAN TRAY

**WHATEVER YOUR ACTIVITY,  
THE TITAN TRAY DELIVERS**

**STRONG** - Load capacity, up to 400kg\*

**LIGHT WEIGHT** - To maximise your load

**VERSATILE** - Easyfit accessories for endless mounting options



**The Titan Tray comes packed with functional features and outstanding load carrying capacity which makes it one of the best flat trays available.**

Engineered from high-strength, lightweight aluminium and finished in hard wearing, abrasion resistant powder coating, Titan Tray is not only tough, but rated to carry an impressive 400kg\*.

The new innovative design includes a number of patented features unique to the Titan Tray.

The thoughtful design makes the tray extremely easy to use and takes customisation capabilities to a new level.

(\*Refer to vehicle Owners Manual for specific vehicle roof capacity ratings.)

**Patented channels on all outer edges with centre entry points**



**Adjustable plank spacing with 2 mounting channels per plank**



**Built-in hook attachment feature under each plank**



**Channel entry points on each corner block**







# COMPLETE SUSPENS

## DESIGNED FOR EXTREMES

In Australia, we encounter some of the most extreme conditions worldwide, and our products are subjected to rigorous testing to ensure that only the highest quality gear is available in the market.

Our committed Research & Development Armoured team works closely with vehicle manufacturers to guarantee that all our products perform and operate according to the design specifications. Tough Dog takes pride in supporting both the armoured and military vehicle sectors globally, with suspension systems engineered to carry the permanent extra load of ballistic steel plates and armoured glass, while maintaining the vehicles handling and road holding characteristics.

Tough Dog has been “making tracks across the world” since 1985, and have grown rapidly as a result of the excellent reputation our quality gear commands. Today, Tough Dog products are distributed in over 50 countries around the world.



# TE ARMOUR SION SOLUTIONS





# COMPLETE ARMOURED SUS

## SHOCK ABSORBERS

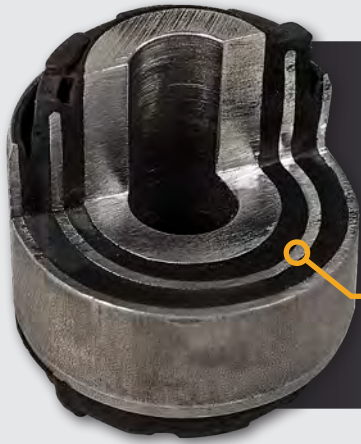
Tough Dog Suspension have identified a need in the armoured vehicle industry for a larger bore, heavy duty, armoured vehicle replacement suspension solution.

With a 50mm bore, Tough Dog's armoured shock absorbers are the largest shocks we manufacture - originally intended for prime movers, we re-designed these to suit 4WD applications.

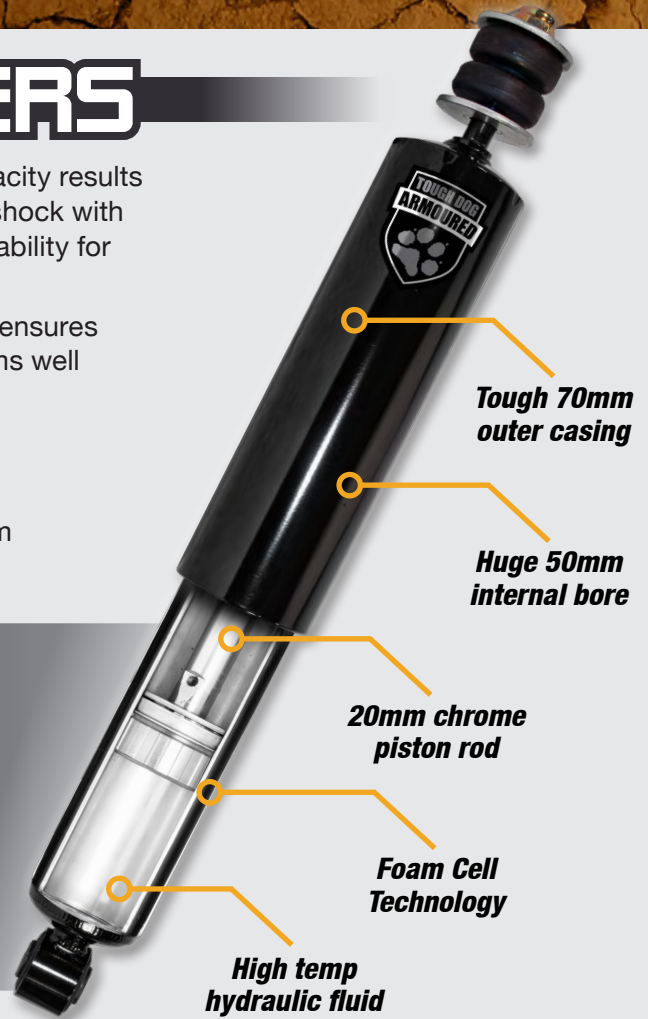
The increased oil capacity results in a cooler operating shock with increased valving capability for total vehicle control.

The Foam Cell sleeve ensures that the shock performs well in all applications.

- Bore Size: 50mm
- Rod Size: 20mm
- Outer Casing: 70mm



IFS Vehicles transmit all of the weight of the vehicle through the lower strut eye bush. Tough Dog Armoured shocks utilise a multi-layered design with a third metal ring laminated into the rubber for maximum strength and durability.



## SWAY BARS

Controlling the body roll created by the substantial amount of weight added to the vehicle during the armouring process is imperative to maintaining good road holding characteristics. Tough Dog offers a range of Heavy Duty Sway Bars that will restore the handling qualities of the vehicle.

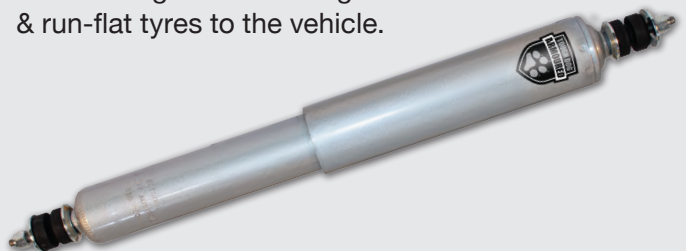
- Solid steel construction
- Supplied with complete fitting kit
- Australian-made urethane bushes
- Powder-coated finish



## STEERING DAMPERS

Designed as a cost-effective upgrade for when the OEM gear isn't getting the job done, Tough Dog's EXT Steering Damper will give you control and feeling back in your steering set up.

With a 35mm internal bore and our Foam Cell insert to fight against fade in harsh use situations, this damper is the perfect companion for users looking to return their steering to OEM standard after adding the extra weight of armour & run-flat tyres to the vehicle.







## LEAF SPRINGS

Tough Dog leaf springs are a truly progressive rate leaf spring. Each leaf is set slightly higher than the leaf above so there is contact along the whole length of each leaf.

Flat bar steel in SUP9 and SUP9A



grade is cut to length, then the centre hole, diamond cut ends, and other fixtures are cold pressed into the steel.

The military wraps and rolled eyes are formed, before the springs are heated to around 1000°C in a gas forge, and hot cambered to the required specifications.

Quenched in oil to harden the springs, the leaves are then

tempered by being reheated in the forge. After tempering, the springs are shot-peened to a high intensity finish and stress relieved to guard against sag in the spring.

Finally, each leaf is individually coated in primer and top coat to ensure that every part of the steel is coated. After assembly, the leaves are dipped in paint to ensure total coverage.

- SUP9 and SUP9A steel
- Shot peened to relieve stress
- Precision mandrel & die-formed
- Pre-stressed to maintain ride height
- Powder coated finish

## COIL SPRINGS

Made from X5K spring steel, our coils can be designed with less material while maintaining superior ride quality & load carrying characteristics.



This means the spring retains its original memory even after heavy loading.

The result - a lighter, tougher coil spring designed specifically for armoured vehicle applications.

Manufactured using an exacting, computer controlled system, our armoured coil springs are CAD designed, and the blank steel is bar peeled to remove any surface defects.

The bar-peeled steel is heated to around 1000°C and then rolled into shape before being quenched in oil, which hardens the springs to 62HRC.

Once hardened, the springs are tempered at 400°C, and if

required, machine ground to suit the application.

After tempering, the coil is shot peened, giving the coil a high intensity finish to ensure maximum fatigue life.

Finally, each spring is phosphate coated for corrosion resistance, and powder coated to create the finished product.

- X5K spring steel
- Shot peened to relieve stress
- Scragged and load tested
- Hardened to 62HRC
- Hot formed to maintain spring memory
- Powder-coated finish



## AIR SUSPENSION

Designers & Manufacturers

### EASY LEVELLING CONTROL

Since 1995, Airbag Man has been catering for a wide range of applications from Truck & Bus, 4WD & 2WD, Van, Trailer, Custom, Emergency, Amoured, Industrial, Agricultural, OEM & Fleet.

### APPLICATIONS

Airbag Man Design & Manufacture vehicle specific Air Suspension Solutions to suit a wide range of Light to Heavy Automotive Applications for Maintaining a Safe & Level Ride Height when towing or carrying load.







# FEATURES & BENEFITS



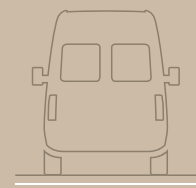
BOTTOMING OUT



EXCELLENT RIDE



UNSTABLE



STABILISED

**HELPS PREVENT** BOTTOMING OUT  
**EXCELLENT** RIDE QUALITY

**STABILISE** BODY ROLL  
**IMPROVES** STEERING & BRAKING



SAGGED



LEVEL



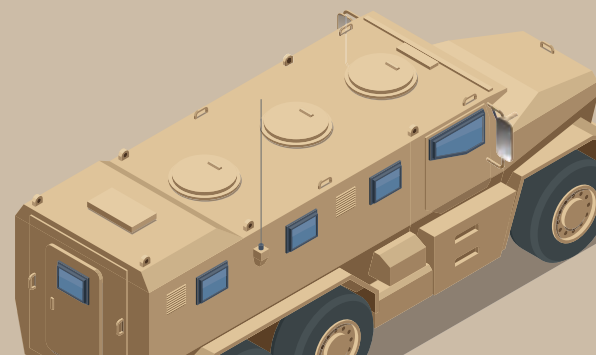
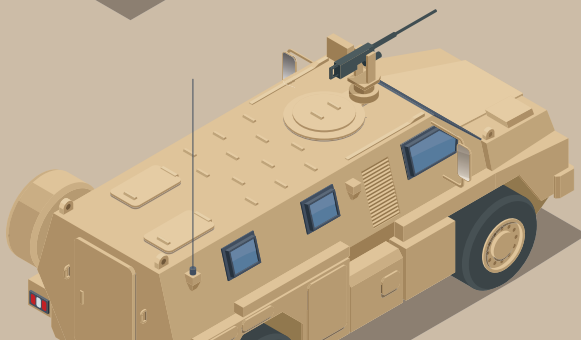
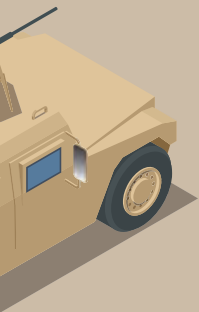
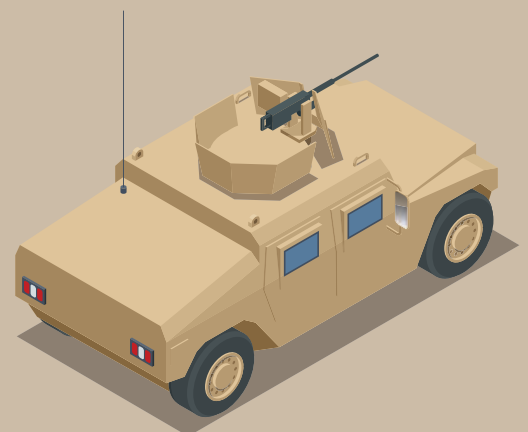
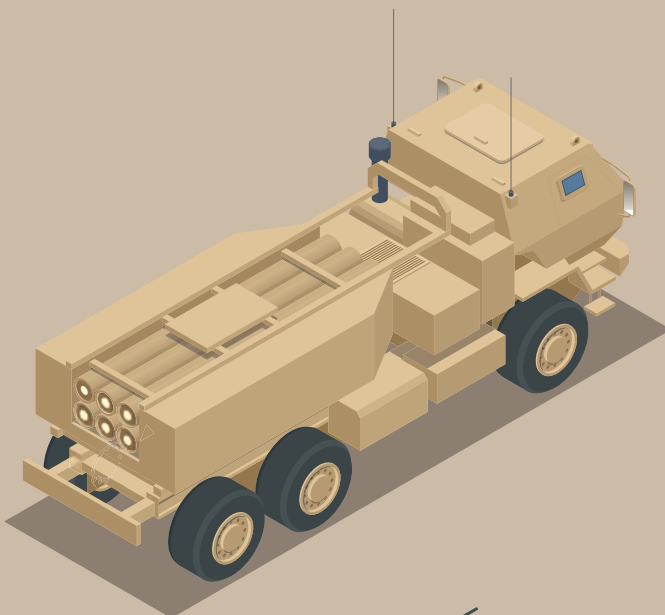
NO CLEARANCE



CLEARANCE

**ELIMINATE** SPRING SAG  
**SAFER** LOAD CARRYING

**HELPS PREVENT** TAIL SCRAPING  
**REDUCES** TYRE WEAR

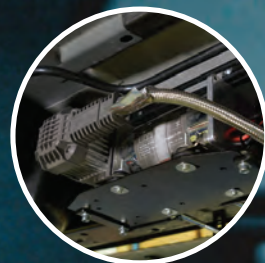


# OPTIONAL ON BOARD AIR CONTROL & SUPPLY SYSTEMS



Build your own Tailor Made On Board Air Control & Supply System to suit your specific individual requirements whether it's Airbag Inflation Only, Tyre & Airbag Inflation or Auto Levelling.

We have a wide range of On Board Air Solutions from Paddle Switches, Electric Switches, Wireless Controllers, Auto Levelling, Dual Digital Airbag Pressure Gauges, Wireless Airbag Pressure Gauges, Air Compressors, Levelling Valves, Fittings, Tubing, Compressor Repair Kits, Air Tanks, Valve Blocks + More.






# HEAVY DUTY PORTABLE AIR COMPRESSOR

Certified System  
ISO 9001

## CERTIFIED PERFORMANCE

-  **33" TYRE**
-  **16 PSI > 40 PSI**
-  **1 Minute  
48 Seconds**



## AC8340 AIR COMPRESSOR

- Certified High Flow output - **98LPM / 3.46CFM**
- **100%** duty cycle - inflate tyres without waiting
- **200 PSI** Maximum - in-built high temp reset
- Dust and Moisture resistant, ok to hard mount
- Dedicated air filter for harsh conditions (includes replacement elements)
- Efficient AMP draw with heavy duty battery clamps and inline fuse
- Easy to store, **7m** reinforced coil hose
- High quality clip-on connector with deflator
- Heavy duty framed and padded carry bag
- **5kg** total weight
- Storage cavity needed for compressor in carry bag: L 360mm x W 220mm x H 200mm
- Compressor only: L 340mm x W 140mm x H 195mm
- 3 year Warranty

## SPECIFICATIONS

Voltage:	12 Volt DC
Max. Amperage:	35 Amps
Max. Pressure:	200 PSI
Max. Duty Cycle (23°C & 100 PSI):	100%
Flow Rate @ 0 PSI (13.8 Volts):	3.46 CFM



## CLUTCH KITS

THE NEW STANDARD IN QUALITY COMPONENTS HAS ARRIVED

POWERDRIVE Clutch Kits have all major components sourced from leading International Original Equipment Manufacturers Heavy Duty & Performance Clutch Kits are developed & tested in-house for optimal Clamp Load & Torque Capacity.

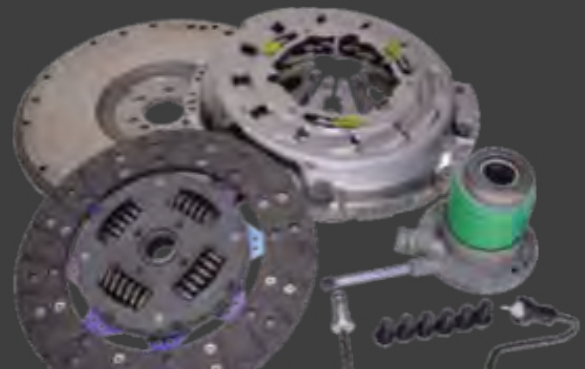
- Hydraulics
- Clutch Kits
- Actuation Components
- Concentric Slave Cylinders
- Performance & Heavy Duty
- Dual Mass & Single Mass Flywheels
- Clutch Aligning Tools

All POWERDRIVE clutch kits come complete with three-piece Clutch assembly (cover, disc & release bearing/csc)

Clutch & flywheel kits include the flywheel & flywheel to crank bolts\*

As a bonus all kits now include the pilot bearing or bush\* & installation grease

*\*where available/applicable*





## TOYOTA LANDCRUISER 76/78/79

### TOYOTA LANDCRUISER GRJ7\_1GRFE 4.0L V6

### STAGE 1 PEAK TORQUE 921NM <sup>◇</sup>

P/N - PDK43800H2SF

- Rated Torque 576ft/lb - 783NM <sup>◇</sup> inc 15% Factor of Safety [FOS]
- Custom Cover Assembly - Clamp Load 1250kg
- Custom Nodular Iron Flywheel - Burst Resistant
- Coppermix Organic High Torque Friction Material - Smooth Engagement



### TOYOTA LANDCRUISER GRJ7\_1GRFE 4.0L V6

### STAGE 2 PEAK TORQUE 1128NM <sup>◇</sup>

P/N - PDK43800X2SF

- Rated Torque 705ft/lb - 958NM <sup>◇</sup> inc 15% Factor of Safety [FOS]
- Custom Cover Assembly - Clamp Load 1530kg
- Custom Nodular Iron Flywheel - Burst Resistant
- Coppermix Organic High Torque Friction Material - Smooth Engagement



### TOYOTA LANDCRUISER VDJ7\_1VDFTV 4.5L V8

### STAGE 1 PEAK TORQUE 936NM <sup>◇</sup>

P/N - PDK43015H2

- Rated Torque 585ft/lb - 795NM <sup>◇</sup> inc 15% Factor of Safety [FOS]
- Custom Cover Assembly - Clamp Load 1180kg
- Coppermix Organic High Torque Friction Material - Smooth Engagement



### TOYOTA LANDCRUISER VDJ7\_1VDFTV 4.5L V8

### STAGE 2 PEAK TORQUE 1012NM <sup>◇</sup>

P/N - PDK43015X2

- Rated Torque 632ft/lb - 860NM <sup>◇</sup> inc 15% Factor of Safety [FOS]
- Custom Cover Assembly - Clamp Load 1275kg
- Coppermix Organic High Torque Friction Material - Smooth Engagement



**ALL KITS INCLUDE ALIGNMENT TOOL AND  
INSTALLATION GREASE**

<sup>◇</sup> ALL TORQUE RATINGS ARE AT THE FLYWHEEL



## BRAKE SOLUTIONS

The new POWERSTOP Rotors and Drums are developed from OE samples and made of a specialised high carbon material for added strength and sound dampening qualities.

Our Rotors come with a lateral runout of 0.1mm or less and are mill balanced for a thickness variation of less than 0.01mm

POWERSTOP Rotors and Drums are inspected throughout the manufacturing process for consistency and quality.

### FEATURES

- Anti-Corrosion coating to rotor hat and venting surface.
- Non-Direction ground rotor finish for faster bed-in.
- Cast from G3000 qualified material for strength and hardness to meet or exceed OE specifications





# BRAKE PADS

*Each compound is specifically matched to its application and engineered to be a cost-effective solution, without compromising on noise, performance, quality and safety of the vehicle and its occupants.*

## KEVLAR INFUSED - CERAMIC BRAKE DISC PADS

Utilising an advanced Hybrid Kevlar Ceramic Formulation, Kevlar Infused general purpose pads provide Ultra Quiet operation with Low Dust and no black residue. Kevlar is long lasting while being soft on rotors, extending service life.



## TITANIUM 4WD

### OUR LATEST FORMULATION

Chosen specifically for Australian 4WD applications, this Premium Formulation has Titanium infused throughout the friction material. This provides consistent braking performance over a much wider temperature range with strong Anti-Fade properties and increased 'bite'.



## STREET COMPOSITE - BRAKE DISC PADS

Higher Friction Coefficient for drivers wanting even more 'bite' from their brakes. These Pads use the same Anti-Noise shim technology as the rest of the POWERSTOP range and are ideal for both heavy vehicles and 4WD's.



# TGT ARMOUR BIG BRAKE SOLUTIONS

We supply the very best Big Brake Upgrade kits for commercial vehicles armoured up to level B7. The kits feature direct technology transfer from the R-Line off road race brake systems that have been used by works race teams in FIA Cross Country World Championships, as well as the infamous Dakar Rally. This technology was used as basis and a solution developed for use in Armoured vehicles such as the TLC200, TLC300 and TC79. With unique heat distribution capabilities build into the discs, combined with a state-of-the-art caliper specially for armoured applications, and brake pad solution designed for ultimate braking in all situations, this kit gives the driver the ability to safely bring the vehicle to a standstill.





# BRAKE KITS



The popularity to armour SUV's and Pickups has led to an increased demand for brake upgrade solutions. This demand led to the developing of "Big Brake" Kits that includes larger discs, multi piston billet calipers, high performance brake pads and stainless steel braided brake lines. These kits have significantly improved brake performance on vehicles that have been up-armoured, reducing brake fade and stopping distances.

The increased weight of these vehicles put a strain on the brakes, leading to brake fade and poor stopping distances. Our Big Brake Kit helps to improve brake performance by increasing the braking surface area and providing more stopping power and shorter stopping distances.

## Available for:

- TLC200 & TLC300
- TLC79
- Tundra
- Hilux
- Tacoma
- Prado 150
- TLC100 & TLC105
- LEXUS GX470/460
- LEXUS LX470/570/600
- Fortuner
- FJ Cruiser
- Ford Ranger/Everest





**MILSPEC BY  
AUSTRALIAN  
CLUTCH  
SERVICES IS A  
TAILOR MADE  
MILITARY  
SPECIFICATION  
RANGE DESIGNED  
FOR EXTREME  
PERFORMANCE  
AND RELIABILITY.**





# THE MILSPEC EDGE

MILSPEC is a specialist manufacturer of performance clutch kits and systems for modified road vehicles, armoured and motorsport applications.

Engineered for the toughest conditions on the planet, MILSPEC clutch kits offer increased torque capacity whilst retaining excellent driveability.

MILSPEC is engineered and developed by Australian Clutch Services (ACS).

With over 30 years of experience, ACS are one of the largest suppliers of standard replacement and performance clutch kits and accessories in Australasia.

For a clutch to get you there... and back again, trust the experts at MILSPEC.

## MILSPEC



## THE NEXT GENERATION IN CLUTCH

Australian Clutch Services is a market leader in the supply of OE quality standard replacement and performance upgrade clutch kits, flywheels, hydraulics and accessories for Australia and also a range of export markets.

As specialists in all things clutch, ACS have built a reputation for quality, innovation and service.



Australian Clutch Services work with Tough Gear Trading who service the Middle East and African markets for military and civil applications.

Tough Gear Trading are highly experienced in the auto parts, fleet, 4x4, military and security sectors and currently provide a wide range of quality 4x4 accessories to a variety of markets.



# RESEARCH AND DEVELOPMENT FACILITY

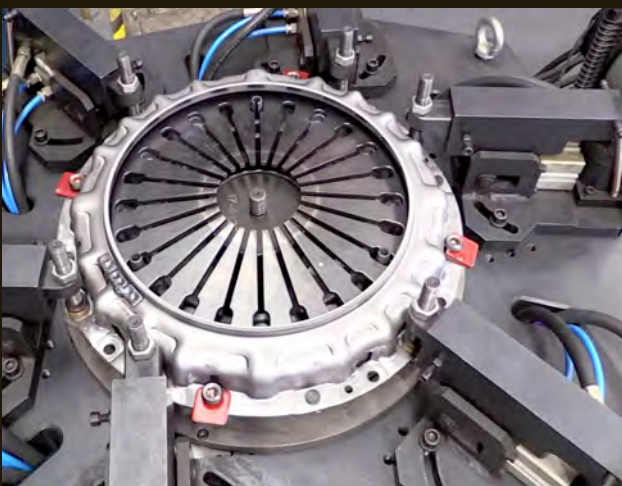
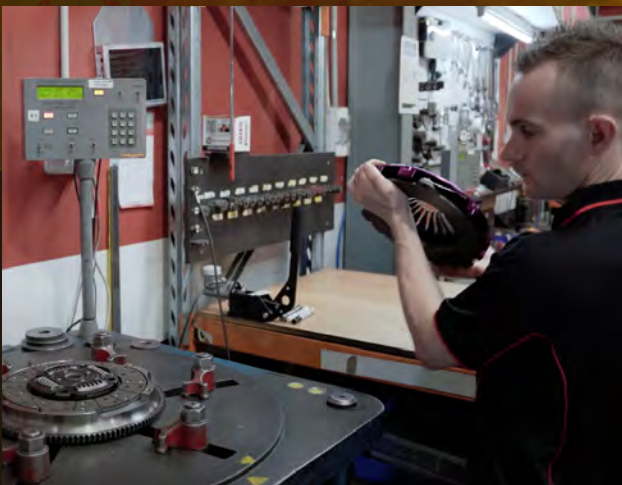
MILSPEC clutch kits are tested in-house utilising one of the most advanced clutch research and development facilities in the world.

The R & D facility has been developed to incorporate a wide range of testing equipment ensuring the engineering team can accurately measure bearing loads, pressure plate clamping force and even the clamping force changes over the lifecycle of the product.

This extensive testing process ensures only the highest quality and performing components are utilised in MILSPEC kits.



**MILSPEC**





# OUR COMMITMENT

MILSPEC strives to offer our customers the best possible clutch program encompassing quality, range, price, service and support.

We are always looking to improve and encourage feedback from our customers.



## TECHNICAL SUPPORT

Scan this QR code with your smart phone to access the Clutch Tech video series.

The series includes technical information for a variety of MILSPEC products.

Alternatively, please contact the friendly MILSPEC sales team.





## HEAVY DUTY ORGANIC CLUTCH KITS

- + High quality performance pressure plate
- + Approximately 15-25% increase in clamping force depending on application
- + Organic friction disc for retained driveability



### HEAVY DUTY UPGRADE TO SUIT TOYOTA LANDCRUISER 1998-2007 4.2L

PART NUMBER: MK1004T1

- + 590Nm / 440 ft. Lbs torque capacity
- + Sprung organic friction disc
- + Kit includes pressure plate, friction disc, thrust bearing and pilot bearing
- + Upgrade offers improved torque capacity whilst retaining excellent driveability.



### HEAVY DUTY UPGRADE TO SUIT TOYOTA LANDCRUISER 2007-2015 4.0L

PART NUMBER: MK1002T1

- + 540 Nm torque capacity
- + Sprung organic friction disc
- + Kit includes pressure plate, friction disc, thrust bearing and pilot bearing
- + Upgrade offers improved torque capacity whilst retaining excellent driveability.





## HEAVY DUTY CERAMIC CLUTCH KITS

- + High quality performance pressure plate
- + Approximately 15-25% increase in clamping force depending on application
- + Ceramic friction material for high heat and torque capacity



### CERAMIC CLUTCH UPGRADE TO SUIT TOYOTA LANDCRUISER 1998-2007 4.2L

PART NUMBER: MK1004T8

- + 1140Nm / 840 ft. Lbs torque capacity
- + Sprung ceramic friction disc
- + Kit includes pressure plate, friction disc, thrust bearing and pilot bearing
- + Upgrade is designed for applications requiring a high heat and torque capacity.



### CERAMIC CLUTCH UPGRADE TO SUIT TOYOTA LANDCRUISER 2007-2015 4.0L

PART NUMBER: MK1002T8

- + 810 Nm torque capacity
- + Sprung ceramic friction disc
- + Kit includes pressure plate, friction disc, thrust bearing and pilot bearing
- + Upgrade is designed for applications requiring a high heat and torque capacity.

# ULTRA LIGHT ARMOUR SYSTEM

Designed for people who need protection against theft, crimes, assault and kidnappings.

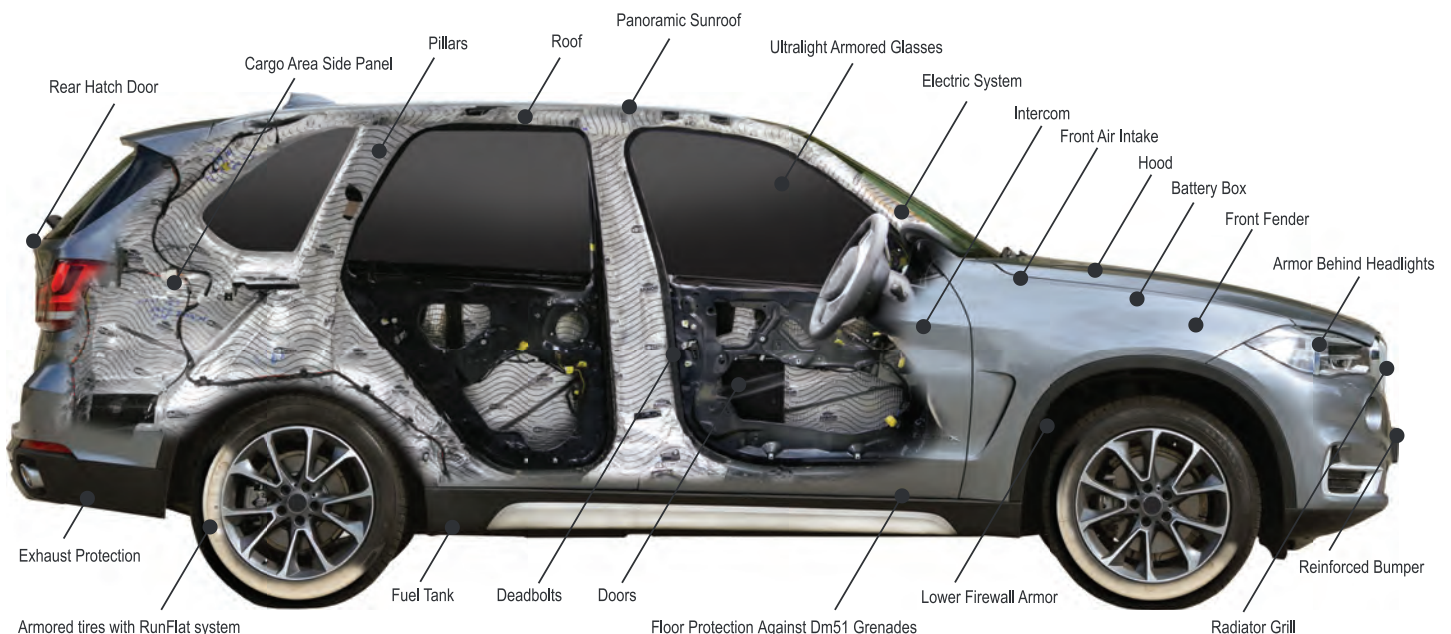
The best option for those who live within the cities, where attacks are carried out with handguns.

3D-Shield is a custom made armouring system that fits precisely to the shapes of your vehicle. During the assembly, 3D-Shield panels assure maximum ballistic protection.

The result is advanced protection with top quality finishes.

Since all the bulletproof panels are designed to fit the shapes of the vehicle, it doesn't require an expert's eye to determine if an area has been protected. After the armour panels have been installed a trained technician will reinstall the original upholstery and accessories.

## ARMOR PROTECTION AGAINST



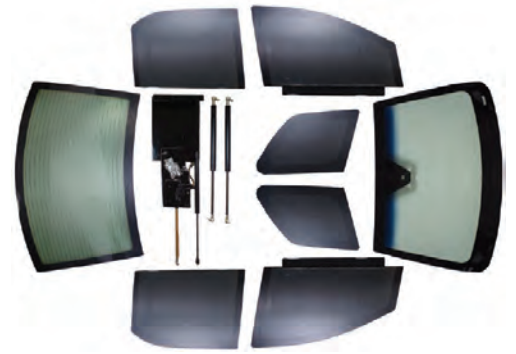


# ARMOUR

## ARMOUR

# GLASS

- The glass is processed with the most advanced materials, to obtain maximum quality, visibility and resistance
- The final product is subject to be controlled by different state organisations and ballistic research laboratories, to guarantee the offered protection.
- Thanks to its machinery and advanced processes, it is possible to preserve the original glass accessories, as well as to make armored glass that offers the same resistance with a lower weight.



# ACCESSORIES

TGT offer a variety of accessories including but not limited to;

- Trunk Storage Boxes
- Graphic Design and Installation
- Radar Systems
- Weapon Mounts
- Push Bumpers
- Prisoner Transport Seating and Partitions
- Camera Systems



# LIGHTS

TGT offer a variety of lights and sirens including but not limited to;

- Headlight & Tail-light Flashers
- LED Spotlights
- Message Boards
- LED Dash Lights
- Light Bars
- Beacons
- Interior & Exterior Lights
- Perimeter Warning Lighthoods
- Police Light Bars
- Emergency Lighting





# SIRENS & SPEAKERS

Siren speakers have been designed to withstand the toughest of conditions. With loud sounds, strong and reliable housings as well as many being equipped with Neodymium driver you have a large range of options.

Siren Controllers also available.



# HD RUNFLAT SYSTEM

Mobility device manufactured with a special ballistic co-polymer, to be installed inside the tire, on the rim, that allows the mobility and control of a heavy duty vehicle after losing air pressure.

Specially designed to support up to 5 tons loadrate each. Available for 20", 22.5" and 24.5" tires, and can be fitted in standard one-piece wheel or special beadlock multipiece rims.

Manufactured with a special ballistic co-polymer to assure optimal performance even after impacted with firearms in multiple ocations. It complies with the FINABEL 1, FINABEL 20 A 5 ON-ROAD, and FINABEL 20 A 5 OFF-ROAD standards.



## FINABEL 20 A 5 (ON ROAD)

Distance	Speed
3km	Max
22km	50 km/h
75km	25 km/h

## FINABEL 20 A 5 (ON ROAD)

Distance	Speed
50km	25 km/h

They also have ballistic certification that guarantees that their structure and functionality are not compromised after receiving impacts from firearms up to 30.06 caliber

Standard	Level	Weapon / Ammo
NOM-142-SCFI	D	Shutgun / Rifle 30-06 AP 10.8g 166 gr. 868 m/s
CEN 1063	BR-7	
NIJ 0188.01	IV	
UL 752	LEVEL 9	



# STD RUNFLAT SYSTEM

Mobility device manufactured with a special ballistic co-polymer, to be installed inside the tire, on the rim, that allows the mobility and control of the vehicle after losing air pressure.

Designed according to the particular specifications of each rim, tire and characteristics of the vehicle, as well as its level of protection.

Mainly used in:

- VIP armored cars and SUVs.
- Cash in transit vehicles.
- Law enforcement and security vehicles.
- Emergency vehicles.

Distance	Speed
3km	Max
22km	50 km/h
75km	25 km/h



Our Runflats are designed and manufactured under the highest quality standards and comply with the international regulations required by the main markets in the world, fulfilling with the requirements stated on the FINABEL agreement.

They also have ballistic certification that guarantees that their structure and functionality are not compromised after receiving impacts from firearms up to 30.06 caliber.

Standard	Level	Weapon / Ammo
NOM-142-SCFI	D	Shotgun / Rifle 30-06 AP 10.8g 166 gr. 868 m/s
CEN 1063	BR-7	
NIJ 0188.01	IV	
UL 752	LEVEL 9	





# EXHIBITIONS & SHOWS

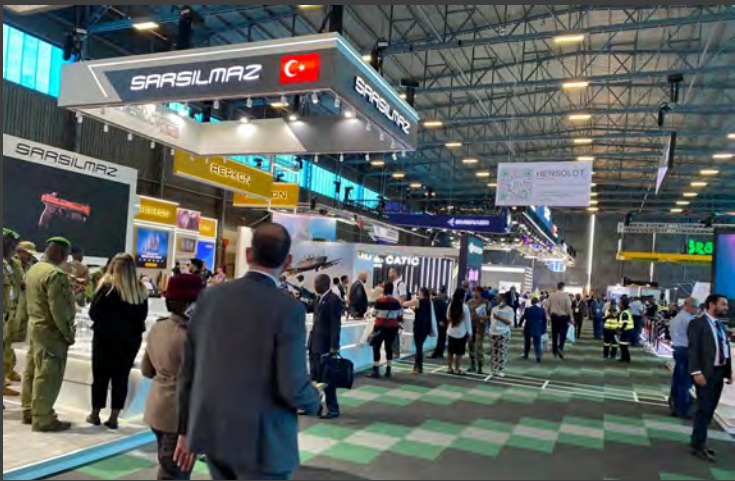
TGT participates successfully in many global shows, from Military to Auto after-market shows.

This is done in many cases in conjunction with our supplier partners or global distributors, and we thank them for all the effort and commitment provided to ensure these are successful.

International exhibitions are carefully planned and targeted and are tailored to those market demands.









# LOGISTICS

## INTERNATIONAL SUPPLY CHAIN LOGISTICS MANAGEMENT

Tough Gear Trading provide their import and export clients with innovative and cost effective end to end freight solutions, with the use of 21st century information technology.

Tough Gear Trading understands the evolving supply chain needs of your business, our Suppliers and our Customers, particularly with regards to:

- Preparation of all the required export commercial documentation
- Obtaining eligible Certificates of Origin from the Australian Government Authorities
- Warehousing and consolidation of multiple orders from various Australian Suppliers to reduce Freight costs for our customers
- Air and LCL / FCL sea freight management with their international Carrier partners
- Tough Gear Trading has a high level of compliance with all the relevant Australian and Overseas Government Regulations





# TESTIMONIALS

“ I write to advise of a business partnership between Tough Gear Trading (TGT) and our business. This supply partnership is an agreement based on working exclusively together to develop our business, and theirs in our market. This is and will be achieved through TGT providing us the support and products to market and sell in our territory. TGT products are multi branded and sourced from different key reputable and global suppliers. The result of this partnership is based on an entrusted mutual desire to grow business into our market. We find TGT offer strong business experience, customer service and market presence. We also believe they offer quality and well-priced products, flexible order quantities, short product lead times and a streamlined organisational structure. We recommend TGT products and their services and believe business can be very fruitful for other businesses as ours is and will be. We look forward to an ongoing and successful partnership between TGT and our business well into the future...”

- TOYOTA

“ Partnering with Tough Gear Trading has been a game-changer for Airbag Man in the international market. Their expertise in providing solutions in commercial and military automotive applications compliments our vast array of air suspension products, creating a dynamic synergy that addresses diverse customer needs. From the outset, Airbag Man’s commitment to quality and innovation has aligned seamlessly with Tough Gear Trading’s ethos of reliability and durability. Together, we’ve been able to penetrate new markets and expand our reach, offering comprehensive solutions that enhance safety, performance, and comfort for our customers worldwide. The collaboration between Airbag Man and Tough Gear Trading goes beyond mere product integration; it’s a true partnership built on trust, mutual respect, and a shared vision for excellence. With their exceptional support and resources, we’ve navigated complex international landscapes with ease, establishing a formidable presence and earning the trust of clients and distributors alike. As we continue to grow and evolve, we look forward to further strengthening our alliance and setting new benchmarks in the global market. ”

- AIRBAG MAN

“ Since 2015, Tough Dog Suspension has been collaborating with Tough Gear Trading. The partnership originated when TGT’s founder, Gary Turner, began working with John Agostino, the founder of Tough Dog. This friendship dates back some 15 years, highlighting the strong bond between the two companies. Gary Turner and his partners, including Hennie Fourie, boast extensive military backgrounds, bringing a wealth of knowledge, experience, and connections in the armoured vehicles and security sectors. With Hennie’s experience in working with companies that construct armoured vehicles, he understands what it takes to produce a reliable product using top-quality and dependable brands. Tough Dog acknowledges the expertise that TGT contributes to their export markets, especially in the military and armoured vehicle segments. Furthermore, both Gary and Hennie have over 28 years of experience in the 4x4 industry, making them well-versed in international markets. ”

With a common vision for the future, both companies have capitalized on their collective experience and expertise to establish thriving partnerships on multiple projects. Our excitement for the future is amplified as we anticipate the continued expansion of our international presence, hand in hand with TGT.. ”

- TOUGH DOG

“ Our company, similarly as many others out there, is constantly searching for excellent products and services available on the market. TGT seems to suit our applications perfectly, being adopted to the ever changing market requirements, especially of that within our market. This has been conducted in many successfully completed projects. Along with the standard products, delivery which is being handles rather in a very Professional and effective manner. TGT is a very flexible company in providing the bespoke products and tailored solutions to us. As such we have already opened up and completed a few interesting projects where our design inputs were accepted seamlessly, and new, altered products were introduced to our customers at a very reasonable price. Needless to mention our own production cost savings, due to our bespoke alterations. This is all possible due to TGT long term market presence, number of successfully accomplished projects, engineering excellence, streamlined company organizational structure and a very effective business model in place. I can only recommend to inquiry the TGT products and services. I am convinced that such projects will be very fruitful for both parties. ”

- MILITARY CUSTOMER



 <https://au.linkedin.com/company/tough-gear-trading>

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