



**DISCOVER
EXPLORE
ADVENTURE**

2019 CATALOG

WWW.TRE4X4.COM

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TRE AIR LOCKER

TRE Air Locking Differential is designed to take you to the destinations other dream about. A simple flip of a switch will provide maximum traction when needed and maneuverability when it is not. Our system provides an affordable and reliable option for those wanting the most out of their off-roading adventures.

- Provide 100% traction on demand
- Push bottom traction
- Strong materials used in traction, differential case made from Forged 8620 steel, gears made from 4320 chromoly alloy steel.
- Five years warranty
- Seal ring designed and improved quality
- Available for most vehicles in the world
- easy installation, maintenance-no special tools or skills required
- Locking Ring-tough hundred and thickness increased
- Both available for 4 wheel and 2 wheel drive applications
- Recessed coloured LED switched show clearly when TRE Air Locker is on or off



Provides 100% traction on demand



Push button traction



Strongest materials used in construction, Differential Case-made from forged 8620 steel, Gears-made from 4320 chromoly alloy steel



Front & rear Air Lockers available for most car models



Both available for 4 wheel drive and 2 wheel drive applications



Easy installation, maintenance-no special tools or skills required



Extra 4mm airline equipped aim to eliminate the risk of oil being pumped up the airline



Recessed coloured LED switches show clearly when TRE Air Locker is on or off

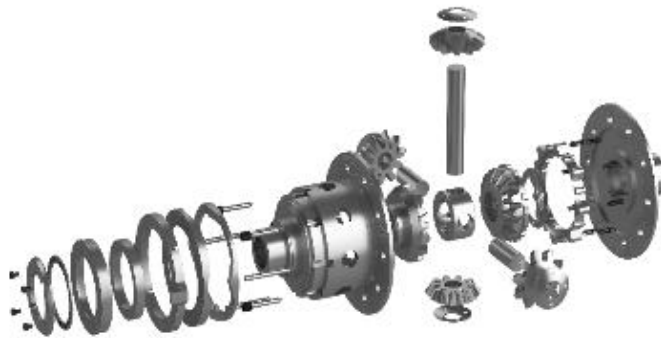


Locking Ring-Tough hardened and thickness increased

E-LOCKER

TRE E-Locker is an electronic differential. Is engaged by electric. The magnet in the E-Locker is powered, pushing the gear to lock both axles, sending 100% traction to both wheels.

- Electromagnetic Locking Mechanism
- Push Button Solution To Traction Problem
- Locks And Unlocks When Necessary
- Improved Strength and Durability
- A Must For All Traction/Off-Road Performance
- NO AIR LINES, NO COMPRESSOR - JUST TRACTION

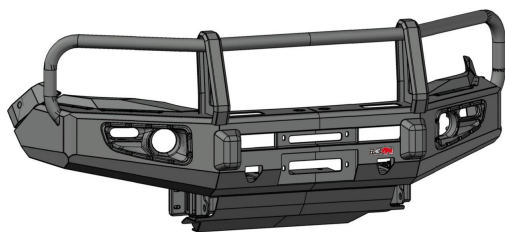


CRAB LOCKER

The Crab Locker is designed to provide both maximum traction and durability. This design is our newest innovation and has the strength needed for the most demanding off-road enthusiasts.

- Well designed structure without wear parts, without air leak risk
- Lock the two axles as fast as you need the traction
- New designed, Road Tested, Proved
- Simple design with Easy Installation





FRONT BUMPER

The TRE4x4 bumper is essential for travelling, it is also essential for protection of your car and yourself.

With unique design and technology features, it makes your car more beautiful and practical.

The front bumper is specifically designed to suit your car with 3-5 mm thickness. Compared to others, it will be more lighty.

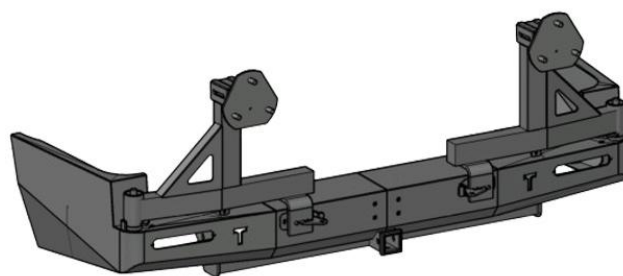


REAR BUMPER

The TRE4x4 rear bumper is essential for travelling, it is also essential for protection of your car and yourself.

Stylish, beautiful, practical are three important factors after you install it.

With unique design and technology features, the rear bumper is specifically designed to suit your car in 3-5 mm thickness.



ROLL BAR

The roll bar is suitable to your car and now is available to order.

With unique design and beautiful outward appearance.

Increase the storage space of the car.

Every roll bars are tested to ensure sturdy structure.

ROOF RACK

The TRE 4x4 roof rack is the best tool for luggage.

Suitable for all kinds of equipments.

With steel and aluminium materials.

Showing beautiful, practical, durable.

Including various models and sizes for your choice.

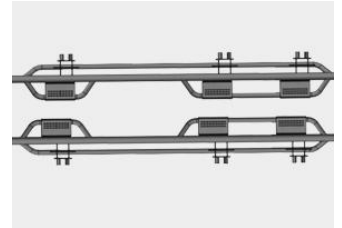




SIDE BAR

The TRE4x4 front bumper is specifically designed to make you and your families convenient.

Black color matches your car, showing understated and luxurious, 4x4 side bar is manufactured with steel in 3-5 mm, utilizing high technology, ensuring every bend remains smooth, kink free and has uniform thickness.



ACCESSORIES





- Part number: TRG-SS-1
- Material: 100% polyester
- Eye&seam protector sleeves: Yes
- Min.breaking strength: 8000kg/17500LB

Snatch Straps

Length	Width
9m/30ft	75mm/2.95inch



- Part number: TRG-SS-2
- Reinforced eyes: Yes
- Material: 100% polyester
- Eye&seam protector sleeves: Yes
- Min.breaking strength: 5000kg/11000LB

Winch Extension Straps

Length	Width
20m/66ft	50mm/1.97inch



- Part number: TRG-SS-3
- Reinforced eyes : Yes
- Material: 100% polyester
- Eye&seam protector sleeves: Yes
- Min.breaking strength: 12000kg/26500LB

Tree Trunk Protectors

Length	Width
3m/10ft	75mm/2.95inch

- elastic properties
- has a certain elongation
- Weight Capacity: 8 Ton/17,636 lbs
- no disassembly required



TRE 8T Snatch Block

Weight Capacity	winch wire rope
8 Ton/17,636 lbs	7/32 inch - 3/8 inch

- double the capacity of the winch
- has a certain elongation
- Two piece pulley design to accept line
- Heavy duty self lubricating pulley wheel



TRE 9T Snatch Block

Weight Capacity	cable sizes
9 Ton/20,000 lbs	1/4"-1/2"

RECOVERY GEAR



TRE Damper

One winching precaution is the fitting of a recovery damper prior to a load being applied. The recovery damper will absorb most of the energy in the cable or strap, significantly reducing the recoil.

- Pocket for accessory storage
- Heavy duty durable vinyl construction
- Silver reflective tape for night time visibility
- Rubber-coated center section guards against sliding
- Complies with 4WD competition damper requirements

TRE D-Shackle

TRE shackles belong to rated type S and help your strap attach to the vehicle. TRE has three different size shackles from 2T to 4.75T. They will work for most 4x4s and are designed for recovery only.

- Working Load Limit number forged into the steel
- Double-layer anti-rust and anti-corrosion process
- Black powder coating and red pin for easy identification
- Type "S" Shackle rated and tested to at least 6 x Working Load Limit (WLL)



TRE Soft Shackle

Soft Shackle is an essential part of any recovery kit. TRE Soft Shackle provide a lighter, more versatile, and safer option. It's rugged and strong.

- UV Resistant properties
- Water resistant & Floats
- Light weight and won't rattle
- Brightly colored RED so it can be seen in low light or in mud
- 32,000lbs breaking strength, suitable for vehicles up to 7700lbs

TRE Exhaust Jack

TRE Exhaust Jack is an essential recovery tool. When your vehicle has unexpected emergencies.

- Complete set of tools
- Allows Lifting on All Terrains
- High tenacity 1500D Nylon most durable
- The bag will stay inflated for over an hour
- Safely lift your vehicle up out of a mud or bog in second



TRE Recovery Board

Avoid being stuck in any terrain; snow, mud, sand or gravel. TRE Recovery Board is the ultimate recovery device that can get you out of trouble even in the worst of conditions. TRE Recovery Board is extremely durable and wear resistant, handling a high level of flexibility; providing ultimate traction by maintaining a high level of pressure on the tire while withstanding bending of the vehicle below the stable ground.



- Lower storage space
- Incredible scale details
- Ergonomic handle for bucket control
- Unique nylon material for excellent flexibility
- Designed to provide maximum traction
- it can be seen in low light or in mud

TRE Gasoline Pack

TRE gasoline pack is an ultra-durable, compact and modular provide extra fuel to your vehicle. After optimizing, the plastics specification can against color fade and mechanical degradation. Common mounting locations are on top case luggage racks, side case racks or attached to luggage systems themselves and you can increase your capacity.



- Flexible customization is permitted between multiple packs
- Rotationally molded for unrivaled strength and colorfast
- TRE Gasoline Pack designed to secure via its central port
- Extra thread with a reliable sealing gasket

TRE Tire Repair Kit

TRE tire repair kit is ideal for repairing punctures in the tubeless tires of Motorcycles, ATVs, Lawnmowers, Tractors, Bikes, Jeeps, Trucks & Cars. Includes everything you need to quickly repair punctured tires on sedans, bicycles, SUVs, tractors, and almost all tubeless tires.



- **Strong & Durable**
- **Easy To Use:** Color photo instructions simplify the repair process
- **67 Pieces:** This kit has everything you need to make repairs easy and keep your tires working tough

TRE Air Differential Cover

The TRE Differential Cover is designed to give your gears maximum protection when the going gets tough and stylish looks when you are cruising.



- Made from high-strength materials, nodular
- Designed and produced for extreme off road
- Increase lubricant oil capacity

TRE AIR COMPRESSOR

With your TRE Air Compressor, you can control your TRE Air Locker when you need more traction on the trail and so much more, Air up your tire up when you going from the trail to the road and fill you air atress when you go to the campsite.

- 12V and 24V compressor both available
- Every compressor passed air leak test before packing
- Running Air Locking Differential and Also inflating tyres
- Equipped lubricating oil return system



AIRMAX AIR-PRO PORTALE COMPRESSOR



AIR -PRO

AM-PC-D01 Compressor Portable Air- Pro

- Flow rate: 150 LPM ·
- Maximum pressure: 150 psi ·
- Heavy duty 12V motor ·
- Max. Amperage: 50Amps, with inline fuse for compressor protection ·
- 1.8m power cord and 5m flexible fiber reinforced air hose ·
- DC Motor: 540W, Cylinder diameter: 2x40mm ·

AIRMAX AIR-II PORTALE COMPRESSOR

- Flow rate: 85 LPM
- Maximum pressure: 150 psi
- 12 volt motor and air pump
- 5m meter air hose



AIR -PROII

AM-PC-S01 Air-II Portable Compressor



AIRMAX ONBOARD COMPRESSOR

Supply air for tire, air locking differential, horn, suspension.

- Power supply: DC 12V or 24V
- Rated current: 23A
- Cylinder diameter: 40mm
- Max pressure: 300PSI
- Max duty cycle: 30minutes
- Air hose: 5m PU
- Cord: 2m
- Tank: 8L
- Fill Rate(8L Tank): 0-120PSI 1Min.40Sec. 80-120PSI 40Sec.

NET WEIGHT	PRODUCT SIZE	PACKING SIZE
9.5kg/pc	545*165*365mm	560*180*380mm 1pc/ctn



SNORKEL

TRE 4x4 has designed the ultimate in off-road snorkels. Increased air flow, water proofing and durability against the harshest of environments are key and no sacrifices have been made in style or construction quality. Only the highest grade UV and Colour stabilised plastics have been used. Backed by a 3 Year warranty!

TRE DIFF BREATHER KIT

It allows the diffs, transfer case and gearbox to breathe by relocating the breather to a higher point on vehicle and stopping the affect of water being sucked into diff housings and gearboxes.

- 4 port system, including fittings for front and rear diffs, transfer case and gearbox
- Full stainless steel fitting design
- The breather housing can stopping mud, dust and water from splashing up
- Easy and simple installation that can be done within a few hours



AirMAX Digital Tire Inflator

The AirMAX Digital Tire Inflator reads in 1% accuracy and 0.1 PSI Resolution, it also provides accurate readings from 0 to 200/250PSI single digit pressures. The back-lit digital display and LED light even lets you read and work easy in dark.



- Easy to inflate or deflate tire and measure the tire pressure
- Measure tire pressures from 0-250psi
- Reads in 1% accuracy, 0.1 PSI Resolution
- LED display monitors air pressure in PSI, Kpa, bar and kg/cm
- LED lighting equipped

AirMAX E-Z Tire Deflator

The less air pressure you have in the tires, the larger the contact patch you will have, giving you the largest footprint possible for maximum traction on soft surfaces such as snow or sand, also provide more traction when climbing over obstacles.



- 0-100 PSI Gauge Included at 1 PSI Increments
- Mechanical accuracy rating $\pm 1\%$
- LED display monitors air pressure in PSI, Kpa, bar and kg/cm

AirMAX Tire Inflator Hose

The AirMAX Tire Inflator Hose can handle the output tolerances to get the job done and keep you on the road. This particular tire inflation hose can be used on all vehicle and provides the connections need for the TRE air compressors.



- Designed to be used in conjunction with TREEs air compressors.
- Enable you to get even more out of your compressor.
- Comes with US /Japan / European type quick connect couplings, and an air accessory kit

TRE REAR DRAWER SYSTEM



TRE drawer system is the newest product of TRE. We spent a lot of effort in the design, and the problems found in each test were greatly improved. For a better user experience, we conducted many tests and finally produced the TRE drawer system. The designed products have been changed in the general drawer system, and new improvements have been made, which are more flexible and more convenient. In addition, they are also customized according to the model and have large space. The TRE Drawer system is designed not only for off-road vehicles, but also designed for other vehicles.

Features:

- Use stainless steel, aluminium and zinc coated metal components
- Water resistant bonded marine plywood and steel reinforced guards used, for superior strength
- Cross folded floor ensures maximum support for items placed within each unit.
- Module unitization with great flexibility
- Key lockable, push-pull slam shut latches for ease of use and maximum security
- Fully Sealed, Dust and water resistant bearings
- with easy latches completes installation and provides additional storage areas



Applications:

SUV SERIES

MADEL:TRDS-S-1D



(Inc. Fridge Slide) **TRDS-S-1S**

(Single drawer available for sell)

Nissan Patrol DX, ST, STI, ST-S, ST-L, TI Nissan Patrol GU 1, 2, 3
Nissan Patrol ST-L, Y61 Nissan Patrol GQ
Toyota Landcruiser 80 Series Toyota Landcruiser 100 Series (GXL05+ A/C in rear)
100/105 Series
GXL ONLY - No Air Con in rear) Toyota Landcruiser 100/105 Series
(GX/GXL Sept 1998-2005 No Air Con in rear)

MADEL:TRDS-S-2D



(Inc. Fridge Slide) **TRDS-S-2S**

(Single drawer available for sell)

Toyota prado 90
Totota prado 120
Totota prado with 150A/C
Totota prado150without A/C

MADEL:TRDS-S-3D



(Inc. Fridge Slide) **TRDS-S-3S**

(Single drawer available for sell)

Land Rover Discovery 2
Land Rover Discovery 3
Land Rover Discovery 4
Jeep Wranger JK

MADEL:TRDS-S-4D



(Inc. Fridge Slide) **TRDS-S-4S**

(Single drawer available for sell)

Jeep Wranger JK

MADEL:TRDS-S-5D



(NOT including Fridge Slide)

Land Rover Defender 90
Land Rover Defender 110

PICKUP SERIES

MADEL:TRDS-P-1D



(Inc. Fridge Slide) **TRDS-P-1S**

(Single drawer available for sell)

Ford Ranger
Holden
Mitsubishi Triton **(Most of other UTES)**
Nissan NAVARA
Toyota Hilux Vigo

MADEL:TRDS-P-2



Ford Ranger
Holden
Mitsubishi Triton **(Most of other UTES)**
Nissan NAVARA
Toyota Hilux Vigo

TRE UTE TOOL BOX



With 3-way opening design, the TRE Ute Box can be opened and accessed from each side of the box as well as the front. The TRE Box features locks located on each side, providing extra convenience and security for your belongings. TRE Ute Boxes offer a smarter and stylish storage solution for your dual or space cab vehicle.

Available for:

- > Ford Ranger PXI/PXII 2011+
- > Holden Colorado 2012+
- > Isuzu D-Max 2012+
- > Mazda BT-50 2011+
- > Mitsubishi Triton MN and MQ
- > Nissan Navara D40 and NP300
- > Toyota Hilux 2004-2014 and 2015+

TECHNICAL SPECIFICATIONS

Capacity: 200L (Extra Large)
 Weight: 21KG
 Size (closed): W575 x L1415 x H535
 Installation Time: Approx. 30 mins.

TRE Wheel-Well Tool Box



When you need to add additional storage for your tools or supplies, but also need to keep your truck bed open for hauling cargo, a TRE Wheel Well tool box is the perfect solution. Taking full advantage of some wasted space behind your wheel well, the TRE wheel well tool box is a secure and stylish option.

TRE Tonneau Cover



Unlike most hard tonneaus, the TRE Tonneau is made from ABS polymers, making it lighter and stronger. It's black ABS material is also specially designed to resist scratching. Better yet, it's multi-point seal, dual stainless steel locks, and "over the tailgate" custom fit keep the elements and thieves outside of your cargo.

Suitable for **Toyota Hilux Revo 2015**

TRE Ute Aluminium Canopy



TRE provide high-quality aluminium ute canopies at the lowest prices worldwide.

Our high quality aluminium ute canopies come in a range of standard sizes which include:

part-tray canopy (1200x1800mm), dual cab canopy (1800x1800mm), extra cab canopy (2100x1800mm) and single cab canopy (2400mmx1800mm). We also offer the option to customise your width or length to suit your vehicle or the specific requirements you have. All canopies come standard at a height of 860mm with the option to increase to 1000mm. All our canopies come in high quality 2.5mm aluminium checker plate.

All of our canopies come standard with the following features: full-length piano hinges, weather seals, water deflector seals, high quality stainless steel locks and striker plates for the lock tongue.

We also offer optional extras on all our canopies including: flat alloy for powder coating and vinyl wrapping, powder coating on checker plate, height increase to 1000mm, lift-off system, internal supports, windows for the front, rear and sides of the canopy in a range of fixed and sliding options and ladder racks in both single and full-rack styles.

TRE AWNING

TRE Awning is easy to mount and operate. The awning is rugged but lightweight, it fits on the side of a roof rack so as to conveniently stored.



- Strong, resistant, best quality materials
- With a durable Plate Base to resist all kind of unpredictable eventualities
- With universal mounting brackets that allow easy mounting to most roof racks

TRE BATWING AWNING

TRE Batwing Awning is easy to mount and operate. The Batwing Awning is rugged but lightweight, it fits on the side of a roof rack so as to conveniently stored, specifically designed for harsh outback conditions.



- Adjustable and lightweight
- Lightweight, Ripstop, Water and Mould resistant
- Expanded at 270 degrees, the area of the sunshade is very large

TRE MOUNT A

TRE Mount A Tent is one of the best tents in the market. It's long-lasting quality tent, strong for a 4-season camping.



- Strong, resistant, best quality materials
- With a durable Plate Base to resist all kind of unpredictable eventualities
- With universal mounting brackets that allow easy mounting to most roof racks

TRE MOUNT B

TRE Mount B Tent is one of the best tents in the market. It's long-lasting quality tent, strong for a 4-season camping.



- Tent fabric is both UV and mold resistant
- Offer plenty of ventilation and open for more airflow
- Extended private canopy entrance with removable annex

TRE NORA

TRE Nora Tent is probably the best off-road tent for families or larger groups. The materials of the tent are high quality, and it is the most innovative design in the market.



- Hard shell tent, can resistant more
- Solid base plate that ensures a flat surface
- Water Resistant, very breathable, fire resistant
- Can be mounted in pretty much any vehicle or roof rack.

TRE CAPTIN

TRE Captin Tent is fantastic, extremely lightweight, it is strong enough for all 4 seasons.



- Opening and closing it is a breeze
- Tent fabric is both UV and mold resistant
- Ventilation and air flow features are the ideal for the summers

TRE DURO

TRE Duro Tent canvas is fully detachable and can be mounted on most roof racks or aftermarket rails.



- Quick and easy to install and fold
- Sturdy aluminum alloy, more stable
- Better protection, waterproof and windproof
- Storage compartments and large windows for large landscapes



100W



100-250W



300W



200-450W



500-1000W



800-1000W



1200W

Solar

Monocrystalline Solar Panels have been the go-to the choice for many years. They are among the oldest, most efficient and most dependable ways to produce electricity from the sun. MARS-SOLAR Monocrystalline Solar Panels are high efficiency 12-Volt solar panels featuring sturdy aluminum frames and high transparency tempered glass tops. Use it for your RV when camping, or during beach trips with the family, either way this monocrystalline panel provides you with the most efficiency per space.

MPPT

Solar controllers, also known as solar charge and discharge control devices, are commonly used in common solar off-grid systems. The devices used to protect the battery from solar panels. The MPPT controller charging mode can greatly improve the power generation efficiency, which is about half the efficiency of the traditional solar power generation system. MSMT series is the MPPT preferred product launched by MARS-SOLAR. It adopts the industry-leading design scheme, efficient MPPT controller algorithm, MPPT efficiency is not less than 99.5%, and the conversion efficiency of the whole machine is up to 98%. It is widely used in off road, motor home, yacht and so on.

Inverter

MARS-SOLAR inverter converts DC power (battery, battery) into alternating current (typically 220V, 50Hz sine wave). It consists of an inverter bridge, control logic and filter circuits.

Simply put, an inverter is an electronic device that converts low voltage (12 or 24 volts or 48 volts) direct current to 220 volts AC. We usually use volt AC to be converted to DC, but the inverter has the opposite effect, so we call it as inverter. The output voltage waveform of a sine wave inverter, the distortion is very low, and its output waveform is basically consistent with the AC waveform of the mains grid. In fact, the excellent sine wave inverter provides higher AC power than the grid.

BATTERY ISOLATOR

MARS-SOLAR 12/24V battery isolator is not simply based on the battery voltage and a fixed delay, but rather determines the trend (voltage rise or fall) and only performs the reverse operation if the reverse trend exceeds a certain time. TRE battery isolators will make an intelligent judgment, and will not disconnect the additional battery due to the excessive current of the load



- Wide voltage power IC. Large capacitance filter. Maximum withstand voltage 36V.
- The aluminum alloy casing is easy to install, resistant to pressure, shock, and paint to against the tide.
- Auxiliary switch for remote control
- The indicator light indicates the working state, which is convenient to use.
- Automatically adjust the time of the suction according to the change of voltage to protect the original car battery

Model	MS-BI-150	MS-BI-400
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MPPT

MSMT series is the MPPT preferred product launched by MARS-SOLAR. It adopts the industry-leading design scheme, efficient MPPT controller algorithm, MPPT efficiency is not less than 99.5%, and the conversion efficiency of the whole machine is up to 98%.

- Excellent thermal design
- Wifi extension, RS protocol
- Maximum power point tracking
- Over charge, over discharge, overload, short circuit protection
- Automatically adjust parameters to improve battery life

Model	MS-MT-20	MS-MT-30
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PURE SINE WAVE INVERTER

MARS-SOLAR inverter converts DC power (battery, battery) into alternating current (typically 220V, 50Hz sine wave). It consists of an inverter bridge, control logic and filter circuits. Simply put, an inverter is an electronic device that converts low voltage (12 or 24 volts or 48 volts) direct current to 220 volts AC.



- Fully Safety Protections : Over voltage,Low voltage,Overload Short circuit ,Over heat protections. Isolated Input,Output design.
- Fully Safety Protections : Over voltage,Low voltage,Overload Short circuit,Over heat protections. Isolated input,Output design
- Perfect sine wave provide the best Performance ,make perfect pure sine wave AC output and optimize machine performance as much as possible.

Model	MS-PI-400	MS-PI-750	MS-PI-1000	MS-PI-1500	MS-PI-2000	MS-PI-2000
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