



H A N D L E A N Y T H I N G



XGS's long history crisscrosses Australia and the globe through countless tread marks by all kinds of adventurers. Adventurers who value quality, experience, expertise and innovation.

XGS suspension has been designed for all kinds of journeys and all kinds of travellers. With an XGS suspension system, you can handle anything.



XGS Roamer increases your vehicle's off-road capability and improves its fundamental driving characteristics in all conditions thanks to its innovative twin tube design.

XGS Rugged's inventive mono-tube construction delivers superior ride quality and high-end performance, whether you're carrying heavy loads or driving on or off-road.

XGS Remote is equipped with ground-breaking features and premium quality materials that combine to form this unbeatable remote reservoir shock absorber.

ENHANCE YOUR VEHICLE'S HANDLING, RIDE AND LOAD-CARRYING CAPABILITIES WITH XGS'S RANGE OF 4X4 SUSPENSION UPGRADES.

Vehicle suspension is a complicated piece of gear but understanding what it does and why it's important doesn't need to be.

At its core, suspension is what controls the weight of your car and its contact with the road. This means that suspension is crucial to your vehicle's ability to carry loads and pull something in tow, while it will also dictate how comfortable your ride is over changing terrain and how your 4WD responds while braking, accelerating and cornering.

INCREASED GROUND CLEARANCE



IMPROVED WHEEL TRAVEL



IMPROVED LOAD CARRYING



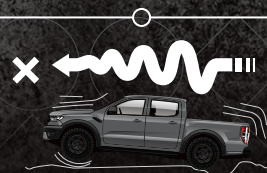
OE



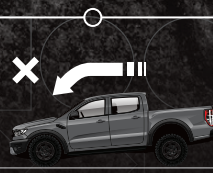
XGS HANDLE ANYTHING

HANDLE ANYTHING

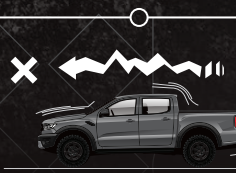
CONTROLLED BOUNCE



IMPROVED CONTROL UNDER BRAKING



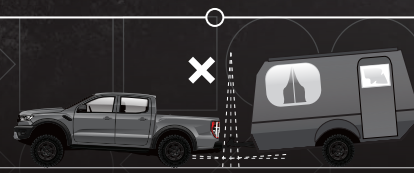
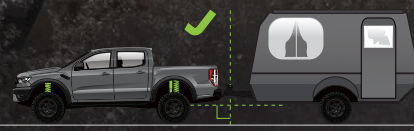
IMPROVED RIDE COMFORT



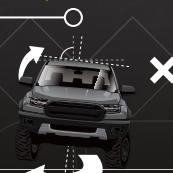
RESPONSIVE & STABLE STEERING



IMPROVED TOWING PERFORMANCE



IMPROVED BODY CONTROL WHILE TURNING





SPECIFICATIONS

Piston (size) **35-40MM^{Ø*}**

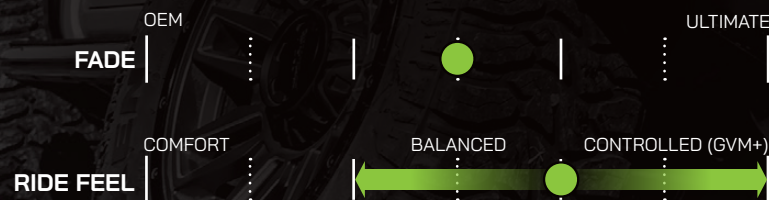
Position Sensitive Damping **NO**

Suspension lift **0-100MM***

Construction **TWIN TUBE**

*VEHICLE DEPENDENT

PERFORMANCE CHART



A XGS ROAMER SUSPENSION UPGRADE WILL INSTANTLY IMPROVE YOUR 4X4'S ON-ROAD COMFORT AND OFF-ROAD POTENTIAL.

XGS Suspension is designed to elevate your vehicle's core potential and your own driving experience. An XGS Suspension upgrade will make your 4WD more comfortable over changing terrain while improving how it responds while braking, accelerating and cornering. Built for heavy-duty use, XGS take twin-tube shock absorbers to the next level: nitrogen charged and featuring a 18mm hard-chromed piston rod and 35-40mm big bore piston, they're also able to dynamically adapt to changes in terrain and driving conditions thanks to their multi-stage velocity-controlled valving. Meanwhile, in addition to added ground clearance for touring and four-wheel driving, XGS Suspension offers outstanding load-carrying and towing capabilities compared to your vehicle's standard suspension system.

XGS HANDLE ANYTHING

3YR
100,000KM
WARRANTY

HIGH GRADE
DAMPING OIL

40MM PISTON
BORE

TRIMMABLE
RIDE HEIGHT

18MM HARD
CHROME
PISTON ROD

MULTI-STAGE
VELOCITY-
CONTROLLED
VALVING

HIGH
DURABILITY
RUBBER
BUSHES

1.5MM OUTER
TUBE WALL

TWIN TUBE
DESIGN



35-40MM PISTON BORE

Large bore diameter means more oil which improves damping potential and shock durability.



HIGH GRADE DAMPING OIL

Prevents the oil from foaming and extends shock life.



18MM PISTON ROD

Hard chrome plated and heat treated for exceptional strength and reliability.



TWIN TUBE DESIGN

External wall damage doesn't affect shock performance.



2MM INNER/1.5 OUTER TUBE WALL THICKNESS

Protects the shock from internal damage caused by flying debris.



MULTI-STAGE VELOCITY CONTROLLED VALVING

Automatically adjusts to terrain to deliver all-round performance.



HIGH DURABILITY RUBBER BUSHES

Ensures enhanced flexibility, noise reduction and shock lifespan.



0-50MM LIFT

Provides increased ground clearance and control and improved shock travel.

XGS RUGGED

SPECIFICATIONS

Piston (size) **52MM^Ø**

Position Sensitive Damping **NO**

Suspension lift **30-75MM***

Construction **MONO TUBE**

*VEHICLE DEPENDENT

PERFORMANCE CHART

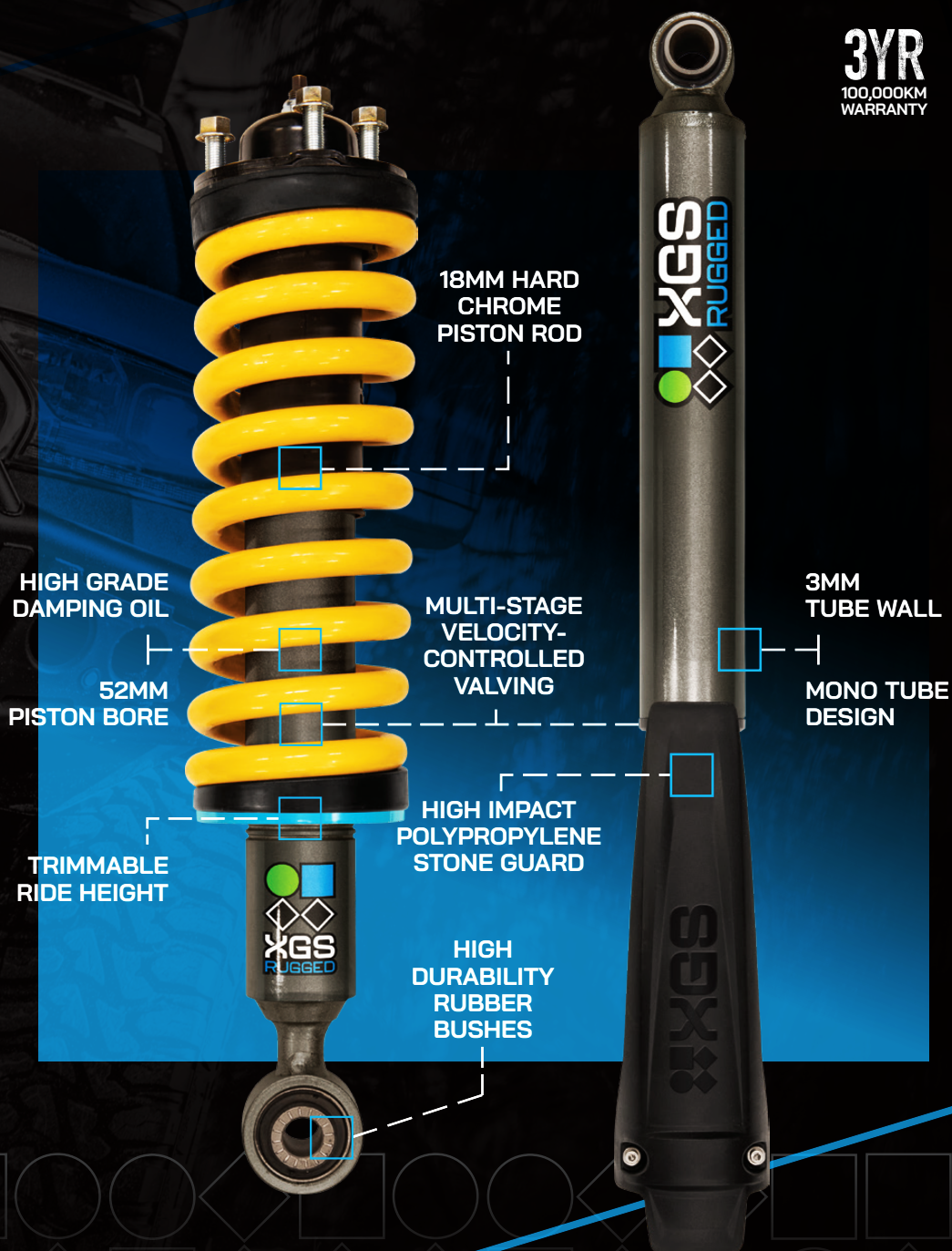


A XGS RUGGED SUSPENSION UPGRADE WILL INSTANTLY IMPROVE YOUR 4X4'S ON-ROAD COMFORT AND OFF-ROAD POTENTIAL.

XGS Rugged is a monotube design, created for high performance and optimal fade resistance. An XGS Rugged upgrade will ensure you are experiencing better damping control at varying speed, while your 4WD will be capable to adjust to any terrain. The design of the Rugged shock absorber features an inverted rear, which is a proactive measure to combat the likelihood of stone damage, as the main body of the shock absorbers has been moved up in to the vehicle body and is exposed to less risk. Also featuring a 52mm piston bore, this increased size gives the vehicle up to 143% more surface area to operate over a factory fitted twin tube shock absorber, while also delivering on a product that is not ride-height sensitive for damping control.

XGS HANDLE ANYTHING

3YR
100,000KM
WARRANTY



52MM PISTON BORE

A larger bore diameter means even more oil which vastly improves damping potential and shock durability.



HIGH GRADE DAMPING OIL

Prevents the oil from foaming and extends shock life.



18MM PISTON ROD

Hard chrome plated and heat treated for exceptional strength and reliability.



MONO TUBE DESIGN

Allows for larger oil capacity and a larger piston, improving damping control and heat dissipation.



3MM TUBE WALL THICKNESS

Protects the shock from internal damage caused by flying debris.



MULTI-STAGE VELOCITY CONTROLLED VALVING

Automatically adjusts to terrain to deliver all-round performance.



HIGH DURABILITY RUBBER BUSHES

Ensures enhanced flexibility, noise reduction and shock lifespan.



30-75MM LIFT

Provides increased ground clearance and control and improved shock travel.

XGS REMOTE

SPECIFICATIONS

Piston (size) **52MM^Ø**

Position Sensitive Damping **YES**

Suspension lift **40-75MM***

Construction **ADJ MONO TUBE**

*VEHICLE DEPENDENT

PERFORMANCE CHART



GET A PREMIUM ON AND OFF-ROAD DRIVING EXPERIENCE WITH XGS REMOTE SUSPENSION.

Remote's combination of truly innovative features and rugged construction delivers superior performance across all conditions. With Remote, you have full control over the damping force of both rebound and compression, which is made possible by its innovative 8-stage adjuster ring – allowing you to uniquely adjust your suspension to suit your specific vehicle, load and journey. Meanwhile, its large 52mm-diameter piston, steel-braided hose and sleek single-wall monotube construction enable enhanced oil cooling for ultimate reliability. Plus, its patented hydraulic bump-stop progressively increases damping resistance during extreme suspension loads to maximise impact control. Built with exceptional longevity and heavy-duty use in mind, XGS Remote Suspension is ideal for long-term touring and rugged Outback conditions.

XGS HANDLE ANYTHING



3YR
100,000KM
WARRANTY



52MM PISTON BORE AND REMOTE RESERVOIR

Twice the oil volume over Roamer/Rugged. This drastically improves damping potential and shock durability.



HIGH GRADE DAMPING OIL

Prevents the oil from foaming and extends shock life.



20MM PISTON ROD

Hard chrome plated and heat treated for exceptional strength and reliability.



MONO TUBE DESIGN

Allows for larger oil capacity and a larger piston, improving damping control and heat dissipation.



3MM TUBE WALL THICKNESS

Protects the shock from internal damage caused by flying debris.



MULTI-STAGE VELOCITY CONTROLLED VALVING

Automatically adjusts to terrain to deliver all-round performance.



HIGH DURABILITY RUBBER BUSHES

Ensures enhanced flexibility, noise reduction and shock lifespan.



8 STAGE ADJUSTMENT COMPRESSION & REBOUND

2-way adjustability gives you unprecedented customisability over your 4x4's ride characteristics.



POSITION SENSITIVE DAMPING

Progressively increases damping resistance during extreme suspension loads to maximise impact control.



40-75MM LIFT

Provides increased ground clearance and control and improved shock travel.

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XGS REMOTE

XGS Remote Performance 4x4 Suspension has been designed to provide the ultimate off-road experience for both adventurers and high-performance off-road users.

The unique hand-adjustable 8 stage compression and rebound gives you full control over damping forces allowing a completely customised ride to suit any terrain, vehicle set-up or personal preference.



HAND-ADJUSTABLE 8-STAGE COMPRESSION DAMPING

1 SOFT 8 CONTROL

How fast your suspension compresses can be altered with your compression damping.

Turn dial on reservoir clockwise to increase the compression damping.



HAND-ADJUSTABLE 8-STAGE REBOUND DAMPING

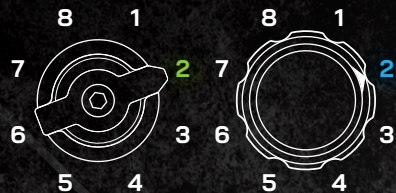
1 SOFT 8 CONTROL

Rebound damping controls the rate of extension of the shock absorber after it has been compressed.

Simply turn the dial on the piston rod clockwise to increase the rebound damping.

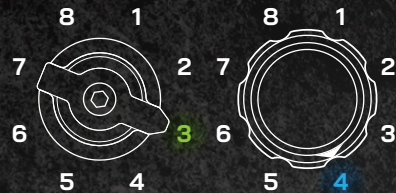
XGS HANDLE ANYTHING

XGS REMOTE GIVES YOU A COMPLETELY CUSTOMISED RIDE TO SUIT ANY TERRAIN, VEHICLE SET-UP OR PERSONAL PREFERENCE*



RUGGED TERRAIN

Setting your suspension correctly to suit the rugged terrain by customising, will allow for a supple, smooth, fluid movement to your driving movements and will reduce damping rates dramatically in low speed situations such as intense off-roading.



SOFT TERRAIN

With your suspension set to match the requirements of soft terrain, XGS Suspension can still ensure a compliant ride, but with a better balance of control that will combat challenges such as washout or uneven terrains at moderate speed (30-60KM).



BITUMEN

Giving control at high speed, setting your suspension for bitumen surfaces is giving your vehicle maximum body control for cornering windy roads whilst giving a compliant ride. A large benefit with setting your XGS suspension to work effortlessly on bitumen surfaces, is that there is no rigidity to the feel of the drive.



TOWING

The towing advantage an XGS suspension gives your vehicle is unrivalled, providing maximum damping force for the weight that is being transferred. When towing, a lifted vehicle with the right suspension is a much safer and smoother drive than a lower vehicle which is fitted with 4x4 accessories but only standard OEM suspension.

*Customisation is for illustration purposes only, type of vehicle, weight, accessories are dependent on individual preference and subject to change.

XGS

LEAF SPRINGS

XGS

COIL SPRINGS

HIGH STRENGTH SPRING STEEL

Used to maximise strength and improve the overall life of the leaf pack.

GRAPHITE COATED

Reduces friction for supple performance.

BOLT CLIPS

Used for better rebound control. Bolt clip liners also reduce any chance of squeaks.

ZINC COATED STEEL INSERT

Ensures optimum bush life and even load distribution.

NEW GENERATION X5K SPRING STEEL

Exceptional strength for unbeatable reliability.

HEATED TO UP TO 1000°C

Then hot rolled, hardened then tempered via a computer controlled gas furnace.

SHOT PEENED

Produces a high intensity finish and ensures maximum fatigue life.

3YR
100,000KM
WARRANTY

3YR
100,000KM
WARRANTY

MADE IN
AUSTRALIA



FLAT AXLE WITH BUILT-IN WEDGE*

Reduces spring stress and provides a safe mounting point.
*Where available.

DRAWN TAPERED AND DIAMOND CUT LEAVES

Distributes loads over a larger surface area, reducing load stress on the leaf ends and protecting against breakage.

GREASABLE FRICTION PADS

Improves longer service life and improves ride quality by reducing friction at the leaf tip ends.

FULLY SCRAGGED AND LOAD TESTED

To eliminate spring sag.

PRE TREATMENT

Phosphate dipped for maximum corrosion protection.

EPOXY POWDER COATING

Achieves the most durable finish and presentation.

RAISED (LBA 150KG)



RAISED (LBA 300KG)



RAISED (LBA 450KG)



RAISED (LBA 0-50KG)



STEEL ALLOY

RAISED (LBA 50-80KG)



STEEL ALLOY+

RAISED (LBA 80KG+)



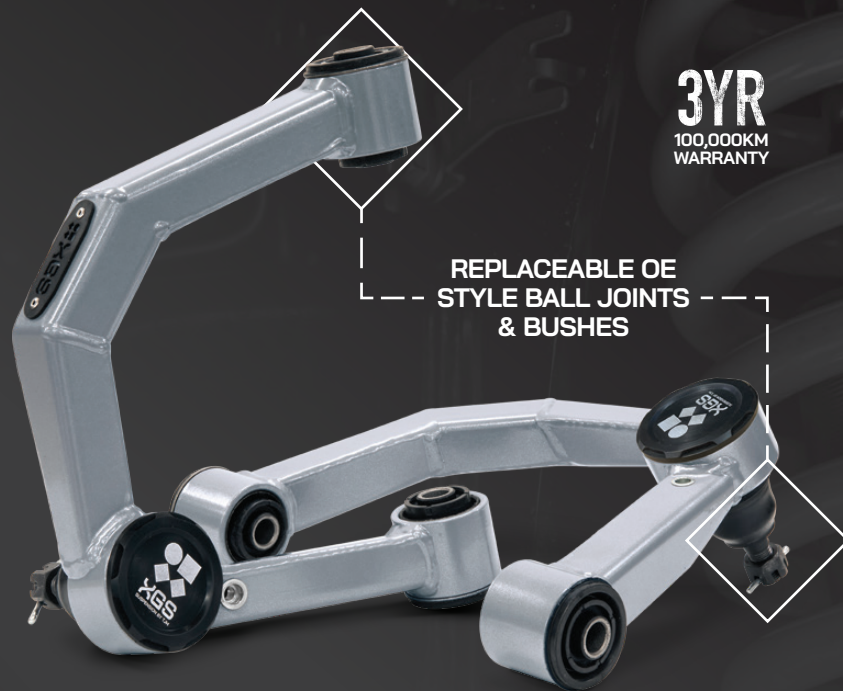
STEEL+

XGS HANDLE ANYTHING

XGS

UPPER CONTROL ARMS

The XGS fully fabricated upper control arms are 100% bolt-on and designed to work with any suspension lift of 30 to 75mm. XGS fabricated arms were designed to bring your factory suspension geometry back to OE specifications so you can correctly align your vehicle while maximizing over all suspension travel.



CORRECTS
ALIGNMENT



IMPROVES
ARTICULATION



INCREASES
CLEARANCE



BUILT TO
PERFORM



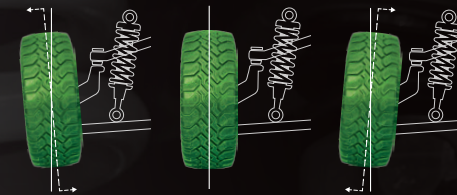
MADE IN
AUSTRALIA



Every inch you lift your vehicle you potentially lose a degree of caster and camber adjustment and when you go to get a wheel alignment there will not be enough adjustment to accurately correct your alignment.

XGS Upper Control Arms solves this alignment issue by providing up to 3 degrees of caster and additional camber which regain those lost degrees of adjustment when lifting a vehicle.

Corrects Camber (Fixed 3Deg of correction) – Model & vehicle dependent



Positive
camber

Neutral
camber

Negative
camber

Corrects Caster (Fixed 1 & 3Deg of correction) – Model & vehicle dependent



✓ Returns vehicle to negative caster to improve steering feel and response.

ADDITIONAL FEATURES & BENEFITS

- 250MPA Steel with 'Box' style construction for strength, durability and that tough appearance
- Electrocoated Zinc with a durable powder coat finish
- OE style ball joint & bushes - simple to replace if required
- POM type ball joint - Same as OE for longevity & hassle free service life
- Rubber Bushes for reduced NVH (Noise, Vibration & Harshness)
- Increased coil to arm clearance at full articulation
- Allows multiple wheel and offset sizes to suit aftermarket wheels fitment
- High strength arm design - meets or exceeds OE strength. (Lateral & longitudinal tests)
- High strength ball joints - meets or exceeds OE strength. (Lateral, longitudinal and pull tests)
- Corrects ball joint angle – At full extension or compression ball joint is not 'maxed out' leading to premature wear
- Suits vehicles with lifts from 30 – 75mm (Nominal 65mm)
- Positions for factory ABS lines



INCREASE THE LOAD-CARRYING CAPABILITY OF YOUR 4WD WITH A XGS GVM PLUS UPGRADE.

Four-wheel drive owners often need to load up their vehicle – whether it's for work or for off-road touring – and doing so can quickly exceed a 4x4's legal Gross Vehicle Mass (GVM).

It's important to remember that the safety of a vehicle, its occupants and others on the road are compromised when a vehicle

exceeds its Original Equipment GVM, which is why overloading a 4x4 is both dangerous and illegal.

Understanding how close your 4x4 is to its GVM is crucial information for anyone with a heavily loaded vehicle. Whether you're loading up your ute for work or preparing your 4WD for a touring

adventure, you'll probably be surprised at how close (or far over) your rig is to its Original Equipment GVM before you even get in the driver's seat.

However, with a XGS GVM Plus upgrade you can carry more with confidence and comfort in any situation.

ACCESSORY WEIGHT GUIDE

VEHICLE SUSPENSION, GVM AND GCM ARE COMPLICATED AND OFTEN MISUNDERSTOOD SUBJECTS. TO HELP YOU CUT THROUGH THE MISINFORMATION, WE'RE BUSTING THE BIGGEST SUSPENSION MYTHS WIDE OPEN.

VEHICLE PROTECTION	Nudge Bar	10 - 15kg
	Outback Steel Bar	75 - 115kg
	Signature Alloy Bar	50 - 75kg
	Side Bars	15 - 20kg
	Side Steps	35 - 45kg
	Rear Bar	45 - 75kg
WINCHES	Torq Winch 9500lb Synthetic Rope	35kg
	Torq Winch 9500lb Steel Cable	40kg
	TJM Premium Canopy	85KG*
CANOPY	Aeroklas Canopy	75kg*
	Boulia	55kg
ROOF TOP TENTS	Yulara	60kg
	Front	10 - 15kg
UNDERBODY GUARDS	Sump	5 - 10kg
	Transmission	10 - 15kg
	Transfer	5 - 10kg

*Based on a dual cab canopy. Note: Weights are an approximation



Myth #1: 'At the end of the day, all shock absorbers are equal.'

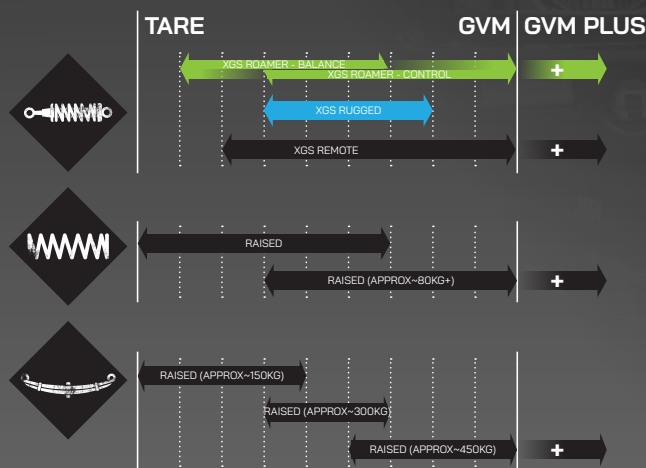
Shock absorbers are there to control the movement of your vehicle and springs into heat. The way they do this (and how well they do it) varies widely, depending on their materials, design and construction. Depending on your choice of mono-tube, twin-tube or remote reservoir shock absorber, your suspension system will be equipped for different kinds of performance, on and off-road. In the same way that not all shock absorbers are equal, there is no single answer to what kind of shock absorber (or complete suspension system) is right for you.

Myth #2: 'Complete suspension upgrades are never needed on new vehicles.'

In reality, OEM suspension is designed to be comfortable and effective during on-road travel and with minimal added weight inside your vehicle. By loading up your vehicle, fitting 4x4 accessories and travelling off-road, you are actively stepping outside the limited design of your rig's suspension system – even on a brand-new vehicle. Aftermarket suspension, however, is designed to perform better with the added weight of accessories and do it for longer periods, while you also have more componentry options to customise your suspension system to perfectly suit you and how you want to use your 4x4.

Myth #3: 'Lifting your vehicle with a suspension upgrade makes the vehicle less safe and susceptible to a roll-over.'

The argument that upgrading your suspension will raise your 4x4's centre of gravity is true, but that doesn't necessarily equate to a decrease in safety and an increase in the chance of a roll-over. In fact, because the spring rates and shock absorber damping rates of a quality suspension upgrade are more in tune with the dynamics of the rig (and its 4x4 accessories) that it's fitted to, a lifted vehicle with the right suspension can be far safer than a lower vehicle fitted with 4x4 accessories with standard OEM suspension.





TAKE THE LEAD.

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