



## TJM XGS SERIES 4000 - XT RANGE SHOCKS & STRUTS

**AVAILABLE NOW**  
Y61, D40, COLORADO, PRADO 150

**AVAILABLE SOON**  
RANGER, 80 SERIES, NP300, HILUX, 200 SERIES

## PRODUCT INFORMATION

Whether you're tackling corrugated roads, rough terrain, or you need to tow a caravan across the country, a TJM XGS Series 4000 suspension kit will improve every aspect of driving from road handling, braking ability, cushioning the ride from bumps and ruts, and noise and vibration. The vehicle and its contents will also be protected from wear and tear.

4WD's have factory engineered suspension, but it's usually only enough to accommodate a boot load of gear and general road driving or limited off-road driving. Installing a set of shock absorbers, a pair of springs or a full TJM XGS Series 4000 suspension kit will immediately transform your vehicle's ride handling, load carrying and towing capabilities. Don't forget to chat with your local TJM distributor about your individual suspension needs.



**3YR**  
100,000KM  
WARRANTY



DESIGNED &  
ENGINEERED

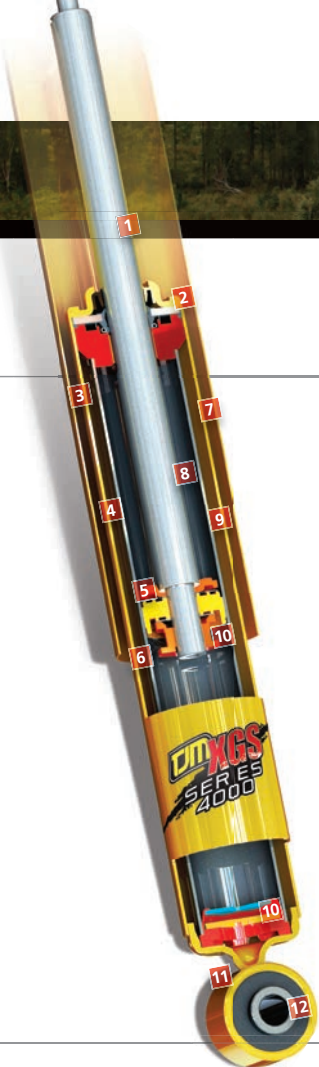


QUALITY ASSURED



AUSTRALIA WIDE  
SUPPORT

## FEATURES



**1 20MM HARD CHROMED PISTON ROD**



**2 HIGH PRESSURE THRESHOLD OIL SEAL**



**3 N2 CHARGED**



**4 TWIN TUBE DESIGN**



**5 40MM BIG BORE PISTON**



**6 QUALITY BANDED TEFLON PISTON SEAL**



**7 1.6MM OUTER TUBE WALL**



**8 HIGH GRADE DAMPER OIL**



**9 COMPACT OUTER CASE DIAMETER**



**10 MULTI STAGED VELOCITY CONTROLLED VALVING**



**11 SEAMLESS WELDS & STITCH WELDED CONSTRUCTION**



**12 HIGH DURABILITY BUSHES**

- › Each vehicle's OE suspension is field tested and assessed to benchmark the OE ride and handling characteristics.
- › The XS range is aimed at providing ride comfort and improved body control over OE once fitted with TJM raised springs.
- › The XT range is primarily focused on providing superior body control with heavy vehicle customer usage when fitted with TJM's heaviest constant load springs.

- › After completing the detailed OE vehicle assessments, TJM's engineering team developed the XS and XT damping forces and spring rates to maintain the base OE vehicle characteristics, tailoring the ride and handling for TJM's customer use profile.
- › Following the XS / XT dyno and bench test development, each vehicle's TJM XGS suspension is field tested both on-road and off-road against the customer's usage profile.

	TYPICAL OE	XGS GOLD	XGS S4000	
Piston Bore Diameter	28mm~35mm	36mm	40mm	<ul style="list-style-type: none"> <li>› Larger diameter results in lower internal pressure and heat for improved shock durability</li> <li>› Larger diameter delivers faster damping response for improved vehicle body control and steering response</li> </ul>
Oil Volume	Proportional to piston bore size.			› A larger oil volume increases the resistance to damping fade / lag during heavy use and improved damping consistency
Piston Rod Diameter	12.5mm~16mm	18mm	20mm	› Larger diameter increases the piston rod strength
Piston Seal	Teflon - Banded	Teflon	Teflon - Banded & Flared	<ul style="list-style-type: none"> <li>› Banded seal improves the durability of the seal</li> <li>› Flared seal improves the rebound damping performance</li> </ul>
Oil Seal	High Pressure	High pressure with dust cap & anti-drain valve		<ul style="list-style-type: none"> <li>› Prevents oil leakage</li> <li>› Dust cap protects the oil seal improving durability</li> <li>› Anti-drain back valve prevents de-priming of the shock</li> </ul>
Bushes	Designed for typical OE customer use	Designed for 4WD aftermarket customer use. Controlled rig testing durability performance confirmed with real world field testing		<ul style="list-style-type: none"> <li>› Front strut uses double bonded construction.</li> <li>› Front strut bushes are preloaded for improved durability.</li> </ul>
Stone Guard	Plastic/Rubber	Plastic/Rubber and steel (Packaging permitted)		› Increased usage of steel stone guards on S4000
Body Construction	Twin Tube	Twin Tube	Twin Tube	
N2 Charged	Yes	Yes	Yes	