



2013 Early Edition newsletter

SuperPro, Designed to Last, Now Guaranteed to Last

As the market leaders in innovation and backed by our complete confidence in the material, design and manufacture of SuperPro, we have decided it is time to take it to the next level.

From the 1st of February 2013, the SuperPro warranty becomes a Lifetime Warranty with no exclusions.

- This means that if a SuperPro product fails, ever, we will replace the product free of charge.
- With SuperPro's technical superiority in material, design & manufacture, a lifetime warranty with no exclusions for off-road, track and competition use, is a guarantee we can make with complete confidence.
- Our goal is to make SuperPro the only choice of suspension bushings for repair, off-road and performance applications in the mind of workshops and consumers.

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1. Material

It is all about the formula of the polyurethane, SuperPro set out from the beginning to develop a material that will take high loads and not wear, it will bend and elongate and not break. SuperPro has built a resilient, long lasting product with very low transmission on N.V.H (noise, vibration & harshness).

2. Design

SuperPro has always had inbuilt design features in the product for outcome based reasons, we understand the material we developed and therefore design our bushings to perform as we expect. We have introduced many innovative design features over the years that have been imitated by others, but, not fully understood.

3. Manufacture

SuperPro continues to maintain an Australian manufacturing base, this ensures SuperPro has complete control over the whole process. From research & development to the warehouse, SuperPro people are ensuring the product is always made to the same high quality and exacting standard, every time.

SuperPro have already changed the game and will continue to push forward with new and exciting technical innovations. Now with a Lifetime Guarantee to never fail, never squeak or transmit vibrations, the choice is simpleSuperPro!

See the website for full Terms & Conditions
www.superpro.com.au/warranty

Enjoy!





PRI 2012

The Performance Racing Industry (PRI) Trade show was held from November 29 until December 1 in Orlando, Florida and SuperPro was there flying the Australian Performance flag. With over 38,000 buyers from 70 countries, it was the perfect venue to showcase the range of SuperPro and SuperPro Roll Control Performance products.

The stand-out, show stopper for SuperPro was the innovative Golf 5 and 6 front lower alloy arms and Master vehicle bush kits for these very popular cars. What particularly captured the attention of the buyers was the quality and design of the rear bracket and bushing. These products work, proven time and time again here in Australia and now they are being talked about in the USA. With full vehicle kits for both road and track, alloy lower front arms, brackets and camber adjusting ball joints, add to that, a range of Roll Control swaybars. SuperPro has

a range of products for every VW Golf driver and situation.

We can't forget the Subaru WRX front lower alloy arms, unveiled at PRI this year, what a crowd pleaser! At last, a high quality, precision engineered alternative to STi arms, complete with the SuperPro Anti-Lift rear bushes already fitted to the rear brackets. A bolt on, no fuss, performance handling package all in one box!

As with SEMA the PRI Show made for the perfect showcase for Australian engineering excellence and innovative design, particularly with a product like Polyurethane bushes. Both these events have given SuperPro the opportunity to show the US market, what we, in Australia have known for years.... that not all polyurethane are created equal!





SEMA 2012

Despite the wild weather on the east coast of the USA and many people unable to make it to Las Vegas, the turn-out at SEMA this year was still overwhelming. Now that the dust has settled, SuperPro can reflect on a very successful 2012 SEMA show with heightened interest in our SuperPro Master Vehicle Kits and Roll Control Sway Bars for the Scion FRS/Toyota 86/Subaru BRZ. These cars certainly had an impact at SEMA this year, it was the most displayed vehicle and the most asked about vehicle. Being the only suspension bushing company in the world to have a complete vehicle set of high quality Polyurethane Bushes in the market for these vehicles certainly kept the enquires coming thick and fast.



Add to this the interest in the SuperPro Roll Control Volkswagen Golf range of product and our eagerly awaited Subaru WRX all alloy lower arms, which are just



being released in the Australian market now. These arms will give WRX owners the ability to buy high quality brand new alloy lower control arms with SuperPro Anti-Lift bushings for very affordable prices and gain superior handling characteristics.

With the appointment of another significant Master Warehouse Distributor and the employment of a dedicated North American Representative, the success of SuperPro and SuperPro Roll Control in the US is now assured. The superior quality of the SuperPro polyurethane material was often cited by already committed users as the reason for their excitement and enthusiasm for the brand. Now with the more places too buy and a growing number of converts, SuperPro and the Blue Kangaroo are now emerging as the superior poly product around the world.



- **Biggest range of poly suspension bushings & parts**
- **Quality Solutions**
- **Global Service**
- **Replacement & Performance Applications**

Chevrolet | Chrysler



We're luv'n the NEW Hyundai Veloster

Hyundai have released a brand new member to their racing pedigree, the new Veloster Race Concept car. The Veloster has been engineered and designed with the highest quality and standards. SuperPro is proud that Hyundai have chosen their products to help build the Veloster including the new Roll Control Range.

“We loved working on this project with Hyundai and we’re very happy with the outcome. The Veloster is a great new vehicle for Hyundai.”

– Ryan Scudamore-Smith,
Sales Director, SuperPro

The vehicle has made extensive use of lightweight components and high performance racing parts from the SuperPro Roll Control range to provide dynamics handling and better control.



The SuperPro Parts used in the Veloster include:

Poly Bushing kits

- SPF2879-__K - Sway bar too chassis bushing (front)
- SPF2012K - Front lower control arm rear bushing kit – double offset castor increase
- SPF3933K - Front lower control arm front bush
- SPF3934K - Rear beam axle to chassis bush kit
- SPF3936-80K - Engine steady bushing kit

Adjustable Sway Bars

- RC00019FZ-26 - Front Adjustable Sway bar 26mm
- RC00019RZ-18 - Rear Adjustable Sway bar 18mm

Bush Pukka Trial



A recent trial of SuperPro's 4x4 replacement bushings gained these comments in Decembers 4x4 magazine:

"Replacing the old bushes with new OEM equivalents is a great idea, but for not a great deal more money, Australian manufacturer SuperPro offers a wide range of bushes made from a more durable and hardwearing polyurethane formulation. The problem with these type of parts in days of yore was that, generally speaking, they were fine for dedicated off-road or competition machinery, but usually too harsh and too noisy for general road use, where, let's face it, most of us rack up the majority of our miles.

SuperPro changed the game significantly with its clever formulation and neat moulding

tricks, which imbue the recipient vehicle with a great deal more precision than the factory parts offer, yet cleverly manage to balance this with improved longevity and a complete lack of noise, vibration or harshness. These aren't just your author's findings either; the range recently gained full approval from Subaru UK as a genuine accessory after extensive technical trials revealed improvements, even on brand new vehicles.

It's not just the six-starred AWD brand that is catered for however; a glance at SuperPro's comprehensive website also reveals a vast range for Land Rover, most off-road Toyotas, Isuzus and Mitsubishi's as well as a plethora of other 4WD and AWD machinery. In addition to offering direct OEM replacements, certain models can also benefit from upgrade packs that allow geometry adjustment far outside of the factory parameters with increased castor or camber being available - ideal if you are planning some extreme driving, or just looking to correct inaccuracies on an older vehicle. A three year, 60,000 mile warranty also helps to make it a sound financial proposition when comparing against stock replacements."

Visit our website to read the full article
<http://www.superpro.com.au/whats-new/media-a-press/item/176-bush-pukka-trial>

An excerpt from Decembers UK 4x4 words and photography by Paul Cowland



WRX Supaloy Arms Including Anti Lift

New SuperPro Roll Control WRX Supaloy Arms increase the handling of your WRX to better than that of the STI. The arms are built with SuperPro anti lift and increased caster ability and featuring the new "Grip Dynamics" system which combined improves grip for better handling and performance outcomes.

- Alloy light-weight and stronger than original steel – less unsprung weight
- SuperPro Anti Lift Kit included with arm.
- Antilift dialled into rear bushing.
- SuperPro bushings for increased tyre contact patch control, minimal NVH with maximum service life – better handling without a rough ride
- Suitable for road and track.



GC8 (WRX)

KIT134AK

Master Kit incl. Alloy Arms

Contains:

ALOY0004K x 1

KIT134K



GD (WRX) 10/02 – 09/02

KIT119AK

Master Kit incl. Alloy Arms

Contains:

ALOY0004K x 1

KIT119K



GDB (WRX) 10/02 – 09/02

KIT120AK

Master Kit incl. Alloy Arms

Contains:

ALOY0004K x 1

KIT120K



Nissan X-Trail T30 2001 - 2007

A complete arm replacement that helps you avoid safety concerns and issues when trying to remove and refit worn bushings

As part of SuperPro Australia's ongoing commitment to monitoring service life of OEM bushings, SuperPro engineers have identified that the OEM front lower inner control arm rear bush life was almost equal to the life of the ball joint. As the ball joint is supplied only as part of the arm, this presented the need to service the complete arm. Innovative thinking from SuperPro has led to the development of the Supaloy X-Trail Arm. The Supaloy arm is a light, strong, corrosion resistant, full replacement arm that incorporates both the ball joint and both front and rear bushings.

Why is this important?

The importance is safety... Replacement of the rear lower arm bushing only, involves specialist tooling and if not done correctly will create potential safety issues. This still leaves the ball joint in place and the possibility of a complete arm replacement in near future when the ball joint fails. The SuperPro Supaloy X-Trail arm addresses all of these issues; it is also a more economical option than the standard OEM arm. As a fully integrated arm, with bushings and ball joints, the R & R time is minimal and hassle free.

So, to eliminate safety concerns and complications, fit SuperPro complete X-trail arm solution and get your customers back on the road.



Front Lower Alloy Control Arm with ball joint, Complete kit (Std)

A straight replacement arm with new ball joint and poly bushes (ALOY0002K)

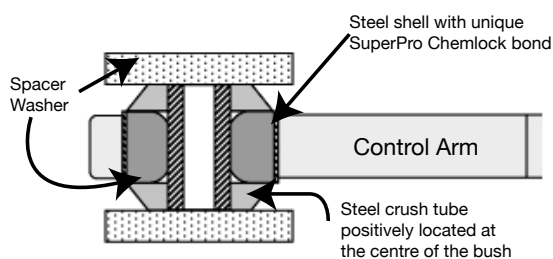
Front Lower Alloy Control Arm with ball joint, Complete kit (Offset)

A single offset replacement with an increase of castor on the left hand side to correct alignment issues (ALOY0003K)

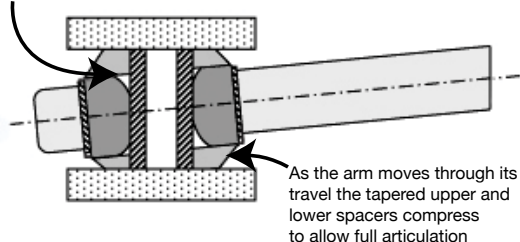


SuperPro Reinvents the vertical pivot bushing

SuperPro's vertical pivoting bushes provide a perfect example of how replacing – or upgrading - a standard rubber component with a polyurethane equivalent can provide a series of significant benefits, especially those found in modern-design suspension systems and specifically, the front control arms.



SuperPro polyurethane convex bore in bushing allows rotation around the centre-line of the crush tube



The VPB design means that all articulation of the suspension is achieved by the flexing of the rubber bush, which inevitably causes distortion, especially under high lateral loads as the rubber tries hard not to tear itself apart. This results in cornering forces and the condition of the road surface moving the front wheels without any driver input and consequently, a momentary misalignment of steering geometry. This can cause vague steering, increased torque-steer and uneven tyre wear.

Each SuperPro VPB is an assembly of four components: a steel encased outer bush that presses into the control arm; a steel tube that fits tightly into the centre of the bush, leaving a chamfered gap at each end to allow movement; and two polyurethane cones that fit neatly over the ends of the extended inner tube. This unique assembly allows the control arm to pivot in the vertical plane with minimal resistance, whilst retain positive location in the horizontal plane.

Visit our website to download the full bulletin
<http://www.superpro.com.au/superpro-tech-updates/item/171-superpro-re-invents-the-vertical-pivoting-bush>



The Choice of Suspension Specialists and Trade Fitters Worldwide












- ✓ The biggest range in the world
- ✓ Designed & manufactured in Australia
- ✓ Preferred choice of the trade fitter[^]
- ✓ Fast local production and delivery

27 years of proven leadership in innovation, technology, manufacturing and delivery.

"There seems to be too many copy products out there....."

Actual quote from user[#]



		 SuperPro	 Other Local Brand	 Other Local Brand
 Exported Worldwide		✓	✗	✓
 Designed, Engineered & Manufactured in Australia		✓	✗	✗
Biggest Range*		✓	✗	✗
 Unique Part Numbers		2940	1690	1505
Unique Vehicle Makes		88	49	60
Unique Vehicle Models		4802	1239	1120
 Developed tangential head grooves and knurling for grease retention.		✓	✗	✗
 Introduced bullet grooves and voiding to reduce NVH.		✓	✗	✗
 Created double helix self-lubricating technology.		✓	✗	✗
 Invented the Duroball metal-poly hybrid bushing system.		✓	✗	✗
 Most Recommended Bushing Brand[^]		✓	✗	✗
Choice of Suspension Fitters		60%	24%	-

* Estimates based on comparisons made Sept 2012 using information in public domain and comparing make and model groups

[^] Auto Partners "Trade Night" survey to 09/2012. [#] Enform Auto Performance Survey.



www.superpro.com.au