

SAFARI **SNORKEL**



- Designed in Melbourne
- Developed in the Australian Outback
- Production Tooled in Melbourne
- Raw Material Extracted in Sydney
- Raw Material Processed in Melbourne
- Moulded In Melbourne
- Packed, Stocked and Distributed in Melbourne.



R-SPEC

V-SPEC

ARMAX



Safari 4x4 Engineering Pty Ltd
Melbourne, Australia. www.safari4x4.com.au

SAFARI SNORKEL

FEATURES WHICH ARE COMMON TO ALL SAFARI SNORKEL PRODUCT AND WHICH SETS THEM APART FROM ANYTHING ELSE ON THE MARKET.



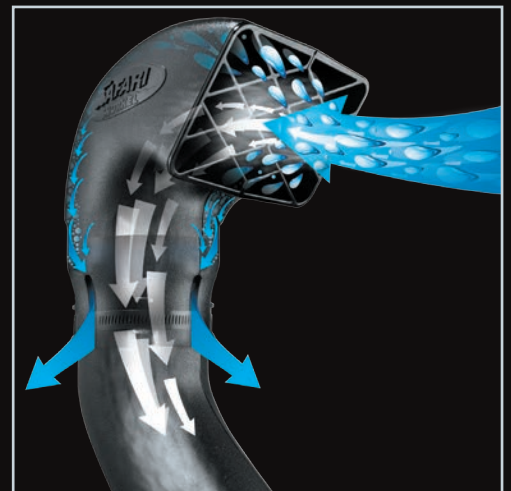
THE AIR RAM.

This item, common to all snorkels, Safari or otherwise, is almost always never given the importance which it really deserves. After all, if it is not designed correctly, it will fail in two very important functions.

- 1) It will not separate rainwater from the incoming air stream.
- 2) It will not have the correct ratio of grill cross sectional opening to mounting neck diameter for maximum effective airflow.

The Safari Snorkel Air Rams, in both 3.5" and 4.0" neck diameters, are the result of almost thirty years' field experience, coupled with extensive CAD and laboratory testing. They are most definitely not a casual afterthought and certainly not a cosmetic "styling" item, as is so often the case with other manufacturers.

This is definitely an item whose design and function should be given serious consideration when choosing which brand of snorkel to purchase.



Only the Safari Air Ram simultaneously removes the maximum volume of water from the incoming air stream, while efficiently flowing the maximum required airflow.



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THE SNORKEL BODY.

Since the mid 2000's, all Safari Snorkel bodies have been CAD designed with the most up to date software available.

Coupled with unique Safari manufacturing processes, developed over thirty years, this is the reason a genuine Safari Snorkel fits the OEM sheet metal with the precision which it does.

The myriad cheap copies of the Safari Snorkel which proliferate in the marketplace, while looking the same, (when new) as a Safari Snorkel in the box, simply cannot fit the OEM vehicle in the same way as a genuine Safari. This is due to the fact that they start their tooling process by attempting to scan a production Safari Snorkel and not going back to the original OEM sheet metal, in the way Safari commences its design process.

In addition they do not have Safari's experience with the intricate manufacturing process involved with moulding a snorkel body from the materials necessary to survive in a harsh UV environment. These materials are quite unique and require significant Engineering expertise in order to be able to provide the 20+ year service life for which Safari is justly famous.

Only the Australian designed, developed and manufactured Safari Snorkel can provide the product the Australian 4x4 marketplace rightly expects.

THE HARDWARE

All Safari's external hardware is Stainless Steel. Even when powder coated, or plated, black for appearance, such as an "A" pillar bracket or Air Ram retaining clamp, beneath the colour is a high quality Stainless Steel.

Even inside the OEM sheet metal, where it cannot be seen, the snorkel body retaining hardware is the same high quality Stainless Steel.

This attention to detail is one of the features which sets Safari, the originator and still market leader after thirty years, apart from the rest.



THE CONNECTION DUCTING.

All snorkel bodies need to be connected to the OEM air cleaner housing. Again this is a frequently overlooked area. One can have a perfectly adequate flowing Air Ram and Snorkel Body; however if the connection ducting between the snorkel body and air cleaner housing is restrictive, (usually due to difficulty of routing), then everything else is meaningless. With Safari's performance products, both Armax and Mil Spec., this is an area of huge concern and a great deal of expense spent both in Design and Tooling. However, even on Safari's regular R Spec and V Spec product lines, a great deal of attention is paid to this area. Safari always ensures its Connection Ducting does not restrict the OEM air cleaner housing in any way.

Since the mid 2000's, all Safari Connection Ducting has been made from custom designed and tooled, EPDM molded rubber hoses, rated to a continual 130°C operating temperature. There is nothing better.



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R-SPEC

The Only Australian Made Snorkel for \$330 RRP.

This range suits Non-Current model vehicles only.

The primary elements of this new product range are as follows:-

- They are manufactured in Australia from Safari's own Recreational Spec. UV Stabilised Polyethylene
- They have a five year warranty
- They are NOT redesigned. The R Spec. Safari Snorkel still uses the same moulds and Australian moulding processes for which it is rightly famous.



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V-SPEC



The traditional Safari Snorkel range. However it will now typically be restricted to current model vehicles.

There are some exceptions though, where Safari will continue to offer this range for some superseded vehicle models. At this time, these are for the 70, 80 and 100 series LandCruisers, and the Nissan Y61 (GU) Patrol.

These are essentially unchanged from the current Safari Snorkel, in that they feature:-

- Manufactured in Australia from Safari's own Industrial Spec UV Stabilised Polyethylene
- They look identical to the current versions of the Safari Snorkel
- They have a Life Time warranty, (effective on all sales as of April 2015)
- They primarily suit current model vehicles.



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ARMAX



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ARMAX

This is a brand new performance orientated Safari Snorkel product line.

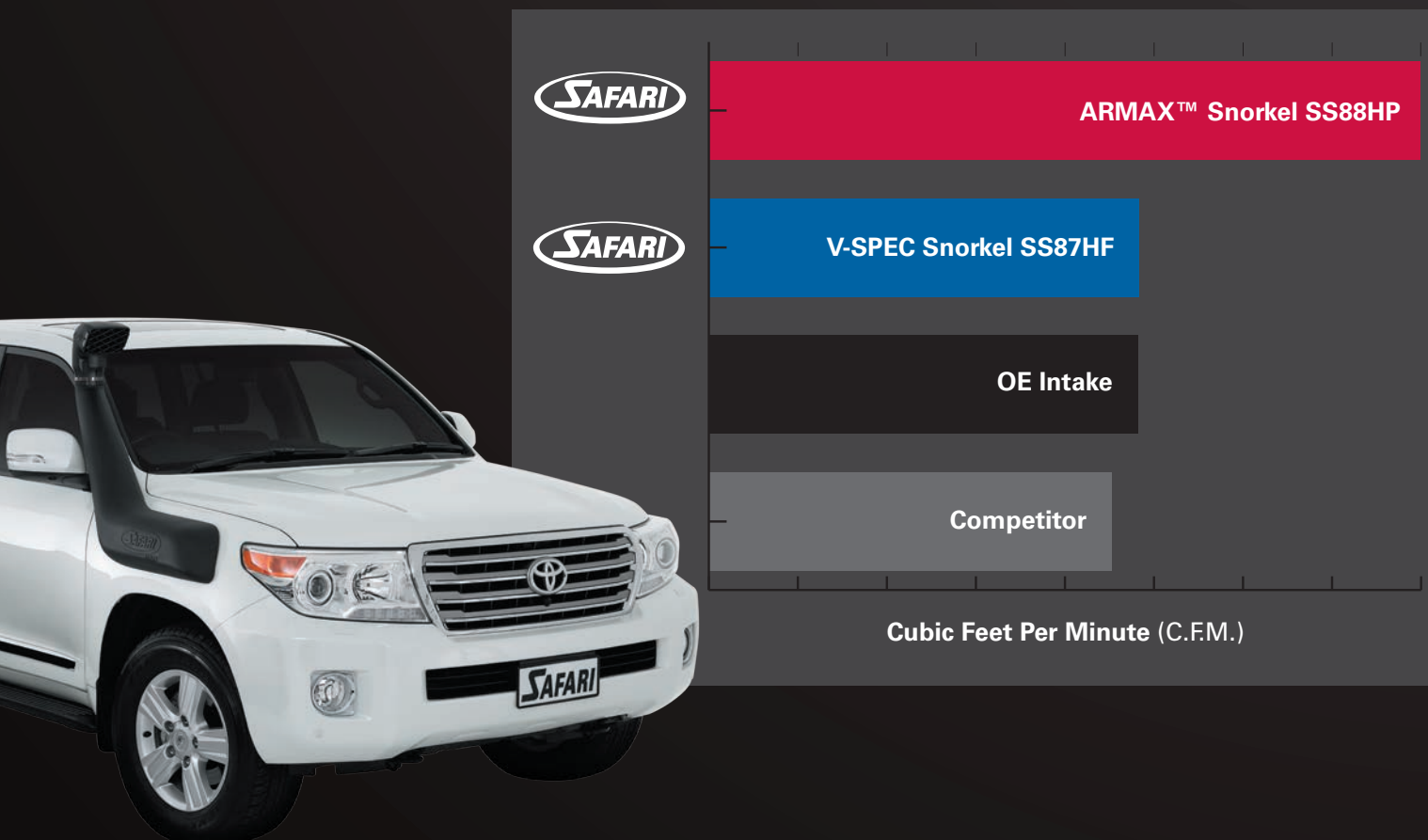
These snorkels are all new designs, tested on a custom built flow bench, to flow 25% to 70% more air than the stock air cleaner housing flows from the vehicle manufacturer, whilst still providing a watertight raised air intake.

This ensures that if the vehicle owner wishes to increase their vehicle's engine performance (utilising Engine Management, Exhausts, upgraded Intercoolers etc.), the Safari ARMAX™ Snorkel will provide the necessary airflow required. This is the only product of its type in the world.

The Safari ARMAX™ Snorkels feature:-

- Safari's own Industrial Spec UV Stabilised Polyethylene
- Safari's rounded style Air Ram; however with minimum 4" (101.6mm) neck and an optimised air flow, low restriction grill
- A Life Time warranty
- Design and flow tested by our in house engineers for maximum performance
- Development and verification in conjunction with other soon to be released ARMAX™ performance enhancement products.

200 Series LandCruiser 4.5L V-8TT DIESEL



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THE SAFARI SNORKEL.

Four wheel drivers the world over have put their trust in genuine Safari Snorkel products.

Safari 4x4 Engineering are passionate about the ultimate in 4x4 engine protection and performance.

Each product represents the absolute best in innovative automotive engineering, since each new model release is the result of a comprehensive R&D program, conducted entirely within Australia and designed to produce a totally engineered and thoroughly tested package.

Safari invented the concept of the snorkel as a custom moulded, vehicle specific, engineered product for the 4x4 accessory industry, back in the eighties. Prior to that time they had usually only been used in extremely hardcore (normally military) 4x4 applications and were typically fabricated from steel tube.

Safari's signature lies in the quality and durability of its components, the attention to detail in every system and the absolute requirement that "product performance must always be achieved with total reliability".

QUALITY AFTERMARKET 4X4 COMPONENT MANUFACTURER.



Ford
GM Isuzu
Jeep
Land Rover
Mazda
Mercedes
Mitsubishi
Nissan
Suzuki
Toyota
Volkswagen



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