

PRODUCT GUIDE



PERFORMANCE

*4x4s are tough, but Australia's terrain can be tougher!
Upgrade your vehicle's offroad performance to prepare it
for the most challenging environments.*





MUFFLER/CAT SYSTEM

PIPE ONLY SYSTEM

Hi flow
Diesel Spec
Catalytic
Converter

Stainless Steel
flexible belows

Pressed Fire Ring
& eyelet protected
4 bolt gaskets

Through Flange
tube connection

Internal
Bulkhead
Supported
mufflers

4 bolt, 10mm
thick flanges

3" aluminised
mandrel
bent tube

Extreme Duty
hanger brackets

Double Wrapped
hanger mounts

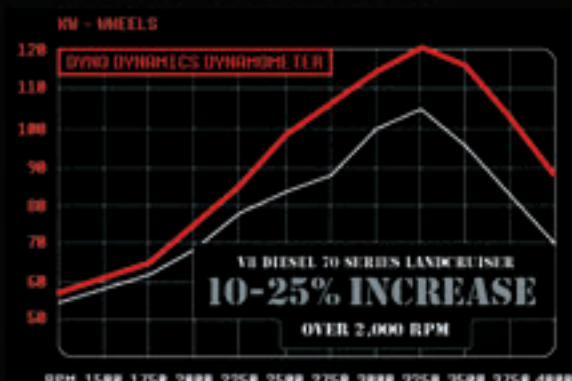
Removable O2 sensor
& EGT probe plug

Complete installation
& service kit



A ROCK SOLID REPUTATION

ENGINEERED TO PERFORM.



MODULAR COMPONENTS



CUSTOM TOOLED
REINFORCED
GASKETS WITH
PRESSED FIRE
RINGS



THROUGH FLANGE
TUBE CONNECTION



BOTH O2 SENSOR &
EGT PROBE BOSS

Custom tooled, full feruled
Australian gaskets and German hardware.



CONTACT OPPOSITE LOCK FOR MORE INFO OR VISIT REDBACKEXHAUSTS.COM.AU

4X4 EXHAUST SYSTEMS



PERFORMANCE

*Exhausts engineered to perform in the most unforgiving environments.
Durable, extreme duty 4x4 performance exhaust systems.*

Built to last and built to perform, the Redback 4x4 Extreme Duty range has been made to go the distance in the toughest of outback conditions.

Each exhaust system is Australian made and backed by an industry-first three year warranty. Best of all, Redback's intelligent package design means each system can be shipped anywhere in Australia at an affordable price.

Rely on Redback for the ultimate performance and durability.

- Extreme durability
- Ultimate build quality
- Increased power and torque
- Improved acceleration
- Smoother performance
- Better fuel economy



COMPLETE EXHAUST SYSTEM



Consisting of all the necessary aluminised steel tubes. Able to be configured precisely as the customer desires.

Including 200 CPI low restriction custom diesel specification metal substrate catalytic convert and bulkhead supported straight through muffler.

RXD is available in Tube Only complete systems, First Flange Back systems, Muffler Only systems or Cat/Muffler complete systems.

There is a Redback 4x4 Extreme Duty system for every application and they're all backed by the industry's only three year warranty for non stainless steel material.

MUFFLER OPTIONS



The Redback 4x4 Extreme Duty systems offers the consumer a choice of interchangeable, bolt-on, muffler assemblies.

Every Redback 4x4 Extreme Duty system utilises mufflers reinforced with custom tooled and pressed tube support brackets and internal muffler body bulkheads.

For the ultimate in durability, Redback 4x4 Extreme Duty systems also utilise double wrapped hanger mounts.

PACKAGED & PROTECTED



Redback 4x4 Extreme Duty exhaust systems come packed in a uniquely designed "smart box". The smart box has been specially designed to fit on a standard pallet when boxed. This means we can offer the quality Redback system at an extremely affordable price.

Redback 4x4 Extreme Duty exhaust systems are the best value for money you'll find. The transport costs for moving such systems usually range from between \$200-\$300 per unit, which is around 20% of your purchase price. But because the Redback 4x4 Extreme Duty exhaust systems is packaged to fit on a standard pallet, the cost is significantly reduced and the savings are passed on to the consumer, which has never previously been done with any type of exhaust system in Australia.

HARROP ELocker™

NO AIRLINES, NO COMPRESSOR - JUST TRACTION.

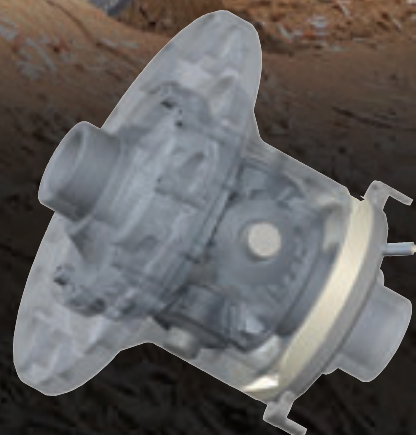


**AUSTRALIAN MADE
3 YEAR WARRANTY
ELECTROMAGNETIC LOCKED**

FEATURING EATON TECHNOLOGY

Harrop ELocker's electromagnetic locking, 4 pinion, forged gear design performs as an open differential until you need instant traction.

Manufactured by Harrop in Melbourne, utilising Eaton technology that has been durability validated in extreme conditions at Eaton's global test labs and dedicated 750 acre proving grounds.



ENGINEERING PERFORMANCE SINCE 1955

HARROP ELOCKER

For those who seek to push the boundaries of their four wheel drive.

Harrop have developed the Harrop ELocker utilising the latest in Eaton technology, the ultimate choice in selectable locking differentials, giving maximum traction at a push of a button.

Unlike open differentials or limited slip systems Harrop ELocker can be selected as needed to lock the axles – directing drive power to both wheels across the axle. Even when only one wheel has contact, Harrop ELockers deliver torque and traction on demand. The unit performs as an open differential until you decide that you need more traction. At the flick of a button the Harrop ELocker performs as a full locker, capturing 100% of the available torque and sending it equally to both ends of the axle.

Harrop Engineering has developed a range of 4 pinion units utilising Eaton technology for the most popular 4WD vehicle models produced for enthusiasts. With over five decades of experience with automotive performance products, Harrop have engineered a system to take you where other systems fear to tread.

The Harrop ELocker utilises an electromagnetic locking mechanism, doing away with the need to run a compressor or airlines. Thus eliminating plastic/ rubber seals and airlines giving strength and durability. Its strength was proven when it was fitted to a purpose-built test rig designed to generate the stress of the most extreme off-road conditions. The axles reached failure point before the ELocker did, at an astonishing 10,025 Newton metres of pinion input torque.

Harrop manufactures ELockers for front and rear applications to suit most popular four wheel drive applications, offering an industry leading 3 years warranty.



PERFORMANCE



HARROP ELOCKER



VEHICLE	SERIES	YEAR	SUS'N	SPLINE	FRONT	SUS'N	SPLINE	REAR
FORD								
RANGER	PJ,PK	2006-2011	IFS	28	A11474	RRS	32	A11471
RANGER	PX	2012-	IFS	29	A11757	RRS	32	A11119
MAVERICK		ALL	RFR	31	A9684	RRS	33	A9635
ISUZU								
DMAX		2012	IFS	17	A11556	RRS	26	A11559
DMAX		2008-2012	IFS	17	A11556	RRS	26	A11559
HOLDEN								
**JACKAROO		1988-	IFS	17	A11556	*	*	*
RODEO		1988-	IFS	17	A11556	*	*	*
COLORADO		2008-2011	IFS	17	A11556	RRS	26	A11559
COLORADO	RG	2012-	IFS	28	A11887	RRS	30	A12086
**COLORADO 7		2013-	IFS	28	A11887	*	*	*
**FRONTERA/SPORT		1990-	IFS	17	A11556	RRS	30	19977-00
LAND ROVER								
DEFENDER	110,130	2002-	RFS	24	A11301	RRS	24	A11415
DEFENDER	110,130	1993-	RFS	24	A11301	RRS	24	A11301
DEFENDER	110,130	1983-1993	RFS	24	A11301	RRS	24	A11301
DEFENDER	110,130	1983-2002	RFS	*	*	RRS	24	A11870
DEFENDER	90	1993-	RFS	24	A11301	RRS	24	A11301
DISCOVERY		1993-1998	RFS	24	A11301	RRS	24	A11301
DISCOVERY	2	ALL	RFS	24	A11301	RRS	24	A11301
LWB MODELS V8		1979-1983	RFS	24	A11301	RRS	24	A11870
LWB MODELS V8		1979-1983	RFS	24	A11870	RRS	24	A11870
RANGE ROVER		1993-1998	RFS	24	A11301	RRS	24	A11301
RANGE ROVER		ALL	RFS	24	A11415	RRS	24	A11415
MAZDA								
BT50		2006-2011		28	A11474	RRS	32	A11471
BT50		2012-	IFS	29	A11757	*	*	*
MITSUBISHI								
TRITON	ML,MN,MK	2002-	IFS	28	A11425	RRS	31	A11428
TRITON		ALL	*	*	*	RRS	28	A11970
NISSAN								
NAVARA	D22 4 CYL.	1986-	IFS	27	A11250	RRS	31	A11257
NAVARA	D40	2005-	IFS	27	A11525	RRS	32	A11568
NAVARA	D40	2005-	IFS	27	A11120	RRS	32	A11568
NAVARA	D40	2005-	IFS	27	A11525	RRS	32	A11119
NAVARA	D40	2005-	IFS	27	A11120	RRS	32	A11119
PATROL	GQ	1989-1997	RFS	31	A9684	RRS	33	A9635
PATROL	GU	1997-	RFS	31	A9684	RRS	33	A9635
PATHFINDER	R50	1986-2005	*	*	*	RRS	33	A9635

VEHICLE	SERIES	YEAR	SUS'N	SPLINE	FRONT	SUS'N	SPLINE	REAR
NISSAN								
**PATHFINDER	R50	1986-2005	*	*	*	RRS	31	A9684
**PATHFINDER	R51	2005-2013	IFS	27	A11120	*	*	*
**PATHFINDER	R51	2005-2013	IFS	27	A11525	*	*	*
TOYOTA								
FJ CRUISER		2005-	IFS	30	A10994	RRS	30	A9334
FJ CRUISER		2005-	IFS	30	A11110	RRS	30	A9334
HILUX		1997-2005	IFS	27	A11167	RRS	30	A9334
HILUX		2005-	IFS	30	A10994	RRS	30	A9334
HILUX		2005-	IFS	30	A11110	RRS	30	A9334
HILUX		-2005	IFS	27	A11412	RRS	30	A9334
HILUX		1997-2005	IFS	27	A11444	RRS	30	A9334
HILUX / 4 RUNNER		-1997	IFS	27	A11167	RRS	30	A9334
HILUX / 4 RUNNER		-1997	IFS	27	A11444	RRS	30	A9334
HILUX / 4 RUNNER		-1997	RFS	30	A9334	RRS	30	A9334
LANDCRUISER	100	1998-2007	RFS	30	A9334	RRS	32	A9574
LANDCRUISER	100	1998-2007	IFS	30	A10976	RRS	32	A9574
LANDCRUISER	200	2007-	IFS	34	A11092	RRS	32	A9574
LANDCRUISER	40,42,45,47	-1986	RFS	30	A9378	RRS	30	A9334
LANDCRUISER	60	-1989	RFS	30	A9378	RRS	30	A9334
LANDCRUISER	70	2007-	RFS	30	A9334	RRS	32	A9574
LANDCRUISER	70	11/99-2007	RFS	30	A9334	RRS	32	A9574
LANDCRUISER	70	1990-1999	RFS	30	A9334	RRS	30	A9334
LANDCRUISER	70	-1989	RFS	30	A9378	RRS	30	A9334
LANDCRUISER	80	1990-1998	RFS	30	A9334	RRS	30	A9334
PRADO	120	2003-2009	IFS	30	A10994	RRS	30	A9334
PRADO	120	2003-2009	IFS	30	A11110	RRS	30	A9334
PRADO	150	2009-	IFS	30	A11110	RRS	30	A11114
PRADO	90	1996-2002	IFS	27	A11167	RRS	30	A9334
GREAT WALL								
V240		2011-	*	*	*	RRS	30	A12050

APPLICATION GUIDE NOTES

This vehicle guide covers most known Australian applications but is not a complete list of all possible variants. For more vehicles applications, please contact Opposite Lock on 1800 62 44 44. Makes, models and years can vary depending on where vehicle is manufactured. Please use supplied specifications to distinguish between similar models where possible.

For expert advice on selecting the right Elocker for your vehicle, speak to our experienced 4x4 team at Opposite Lock.

** Any model with a double asterisk is an unconfirmed fit as of February 2014.



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WATERSCAN

Protect your vehicle from water!

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Water is the most common contaminant of common rail fuel systems. It causes premature wear to the fuel injection system and pump. Even a small amount of water in your fuel system can have destructive and expensive consequences but a waterscan kit can save your hip pocket and potentially your vehicle!

Protect your vehicle now, with a Denco Diesel + Turbo Waterscan Kit.

+ Kits include:

✓ Dual flow head	✓ Dash light and harness
✓ Water detection probe	✓ 10mm or 12mm fuel fittings
✓ Water sedimentor	✓ Fitting instructions

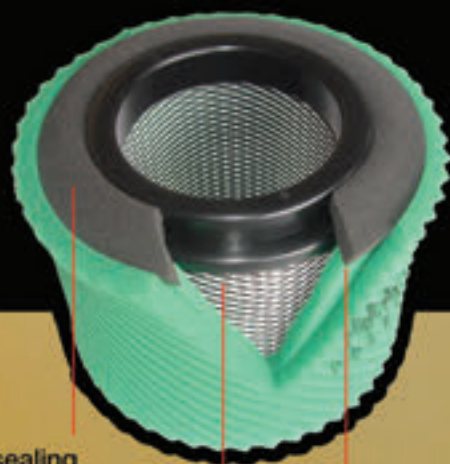
10mm fittings are recommended for the following popular vehicles:	12mm fittings are recommended for the following popular vehicles:
• Toyota Hilux 1KD-FTV CR	• Toyota Landcruiser V8 200 Series
• Toyota Prado 1KD-FTV 120 and 150 series	• Toyota Landcruiser V8 79 Series
• Ford Ranger / Mazda BT50 3.2ltr	• Mitsubishi Triton / Pajero 4D56 CR
• Holden Rodeo / Colorado / Isuzu D-MAX 3ltr	8mm fittings are recommended for the following vehicles:
• Nissan Navara D40 / D22 & Pathfinder	• Ford Ranger
• Nissan Y61 Patrol	• Mazda BT50 3ltr
Complete Waterscan Assemblies including Universal Waterscan, Mounting Bracket and fitting kits are also available to suit popular makes and models.	

Denco Diesel + Turbo Universal Waterscan Kits are available from your favourite Opposite Lock store. Visit www.oppositelock.com.au or freecall 1800 62 44 44.

if it's diesel injection or turbo **DENCO DO IT.**

www.dencodiesel.com

IF YOU DO IT IN THE DIRT **USE** PROTECTION.



Soft foam seal for improved filter sealing

Removable inner safety stage

Steel support frame

Filters down to 4 microns! (no other filter comes close)



Snorkel Pre-Cleaner



"Bruce Garland/Harry Suzuki" Isuzu Motorsport
Rely on Unifilter!

Two stage re-usable foam air filters.
Available for all popular 4x4's,
car & light commercials.

Unifilter's filters are the best air filters you
can buy for your 4x4! They will give you
improved engine protection, performance &
fuel economy!



100% Australian made,
owned and designed!

UNI FILTER

www.unifilter.com.au

DON'T GET BURN'T

PLASTIC AIN'T PLASTIC

BEWARE! CHEAP IMPORT COPIES WILL QUICKLY DETERIORATE, WARP, HARDEN AND CRACK!

THE ONLY RANGE OF SNORKELS TO OFFER THE **OPTION** OF AN **EFFECTIVE AIR RAM** OR CORRECTLY SIZED **PRE-CLEANER**



CUSTOM MOLDED 130C RATED EPDM OR CUFFED FLEXIBLE HOSE AIR CLEANER CONNECTION DUCTS



STAINLESS STEEL HARDWARE - NUTS 'A' PILLAR BRACKET, SCREWS, CLAMPS, STUDS AND WASHERS

PERFECTLY ENGINEERED CROSS SECTIONAL AREA IN ALL DUCTING FOR **ZERO RESTRICTION** AT O.E. ENGINE RATED POWER*

THE ONLY SNORKEL MADE FROM **UV20 RATED MATERIAL** TO WITHSTAND **EXTREME HEAT!**



*Some Safari snorkels are designed to deliver significantly more air than that required by the O.E. power level. Check with your Safari retailer.

BREATHE EASY TRUST SAFARI

TO SEE WHY IT IS IMPORTANT TO UNDERSTAND FROM WHAT MATERIALS YOUR SNORKEL IS MANUFACTURED GO TO DONT-GET-BURN'T.COM

SAFARI005



DESIGNED, MOULDED AND MANUFACTURED IN AUSTRALIA



safari snorkel.com.au

SAFARI SNORKEL



PERFORMANCE

Pioneered in Australia in the early 1980's, Safari Snorkels were born out of a need to protect 4WD engines from the hazards of dust and water commonly encountered in touring and off road applications.

In arguably the best, if not toughest environment, Safari Snorkel Systems are thoroughly researched, tested and tooled for each unique model of popular 4WD in Australia. Genuine Safari Snorkels - the snorkel trusted by Australians.

Safari Snorkel Systems are manufactured to the highest standards in durable, UV stable, cross linked polyethylene material and deliver a continuous and cooler supply of air for maximum engine performance. Each system includes quality fixtures and fittings that deliver superior sealing, OEM levels of presentation and long-term durability.

In addition, Safari Snorkels are positively sealed in order to provide the engine with the ultimate in protection during river crossings and dusty desert driving conditions.



DIFF BREATHER KITS



Are you the type of 4WDriver that uses and relies upon your snorkel to ensure your engine is safe from the ingress of water?

In addition to your precious engine internals, there are some other critical, oil-filled chambers that make up your transmission components at the very point where all your power developed has to become effective traction, in contact with all the elements which go into making a great day's tripping in the bush.

Extended Diff Breathers are designed to sit high up, out of harm's way, and allow the breathing process to occur in both directions. So, now you can "Breathe easy" yourself, knowing your axle housings, and all their important contents can face the elements without the risk of sucking in all the nasties that make up a great day in the bush.

Opposite Lock has launched its' precision manufactured, packaged Diff Breather Kit which comes with comprehensive fitting instructions for the do-it-yourselfer, and everything needed to achieve a professional looking finished project.





More power **Even more savings**



- ▶ **IMPROVES** POWER & TORQUE
- ▶ **AVERAGE 12%** BETTER FUEL ECONOMY
- ▶ **REDUCED** EMISSIONS
- ▶ **1 YEAR ENGINE & DRIVELINE WARRANTY**



DIESEL PERFORMANCE CHIPS



PERFORMANCE

With Tunit Diesel Performance Chips, you get more power & torque and better fuel economy. Diesel tuning performance and economy solutions for diesel 4x4s.

Tunit is an externally installed performance product suitable for all modern diesel engines. Tunit is designed to improve power, torque and efficiency, without compromising fuel economy. The Tunit is able to increase performance, improve fuel economy and reduce emissions due to the computer hardware and firmware within the Tunit. In most cases applications will achieve a 7-10% saving on fuel.

Tunit is retro-fit and will not interfere with original equipment or the manufacturers warranties. Installation is usually a swift process of less than 30 minutes. Thanks to Tunit, diesel tuning is possible to increase the performance of all modern diesel vehicles by up to 30%.



TUNIT V-CR



SPECIFICATIONS

The Tunit V-CR covers the majority of modern diesels and in its different forms fits all common rail engines.

The size of a mobile phone and complete with original manufacturer's plugs, it comes preprogrammed and can be altered by manual adjustment or laptop tuning.

Dimensions: 75 x 55 x 21 (mm)

Weight: 40g

TUNIT V-VP



SPECIFICATIONS

The Tunit V-VP is suited to all engines with variable pumps. These are mostly the Japanese engines up to 2001, although some manufacturers still prefer this injection system.

The Tunit comes complete with a detachable harness and either a connection to fit to the ECU or wires that attach to your existing wiring harness.

Dimensions: 75 x 55 x 21 (mm)

Weight: 40g

TUNIT V-PD



SPECIFICATIONS

This Tunit suits all PD or single unit injection systems. It comes complete with original manufacturer's plugs and is easily fit in under 20 minutes. Once fit it is unobtrusive and original in appearance.

The power and torque gains are more than impressive giving incredible performance.

Dimensions: 75 x 55 x 21 (mm)

Weight: 40g