



Introduce ShuRoo to your fleet customers and increase your profits

Kangaroo strikes are a real and costly problem to fleet operators throughout Australia. Recommending ShuRoo can save your clients \$\$\$\$thousands and help protect their people from injury or worse.

With OH&S implications becoming more onerous each year, helping to avoid the chance of injury swerving to avoid impact, during impact or from an unexpected airbag deployment is a huge benefit for fleet operators.

Major Client Benefits at a Glance:

- **Reduce kangaroo hits by up to 90%**
- **Substantial repair cost savings**
- **Avoids downtime losses, insurance claims**
- **Helps protect drivers and passengers from injury**
- **Less stress for drivers**
- **Assists with OH&S requirements for employers**
- **Environmentally friendly**
 - helps reduce the road kill of our native wildlife

Benefits to You at a Glance:

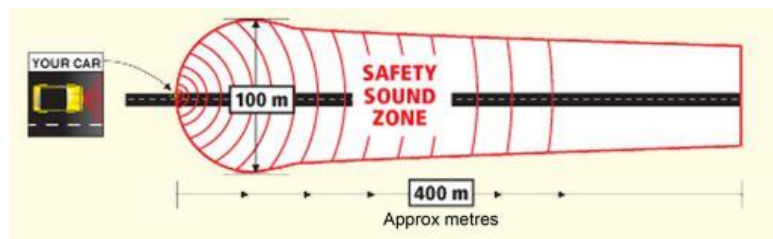
- **Add on sale – profit from sale and fitting**
- **Servicing potential – speaker check/replacement after 100-150 thousand kms, offering reason to recontact customer**
- **Manufactured locally – made and serviced in Australia story**
- **Established & recognised product – a market leader for over 25 years**
- **Support from StrayBan to assist introduction to potential new customers**
- **Become recommended ShuRoo fitter**

How does ShuRoo work?

Kangaroos hear approaching danger at a frequency level far higher than humans. A moving car makes low frequency noise so the animal only hears you when it is too late. The problem is worse at night because it is harder for you to see the animal and your lights blind their night vision. This kangaroo will jump to the only safe spot they can see, the road visible in your headlights.

The high frequency ShuRoo Safety Sound Zone

ShuRoo creates a “pattern” of high frequency sound for approximately 50 metres on each side and 400 metres ahead of the vehicle. To the roos it sounds as loud as a police siren so they have plenty of time to recognise danger and get out of your way.



ShuRoo Features

Solid yet lightweight

The ShuRoo casing is made from lightweight premium alloy to withstand the tough Australian driving environment. Insects, dirt and weather will not affect ShuRoo's performance.

Easy to install

The one piece compact design allows for easy installation to cars, RVs, trucks and buses and bullbars.

Compact & lightweight design

The ShuRoo unit weighs approximately 1 kilogram. It is (330) mm wide, (50) mm high and (60) mm deep. It is as simple to fit as you would some driving lights or your local auto electrician can fit it for you.

Fits all vehicles

ShuRoo fits all vehicles from small cars to road trains!

Consistent Performance

Latest technology gives trouble-free performance day and night and in all weathers. Developed and proven in Australia over the last 25 plus years.



FAQ

Understanding ShuRoo

Remember that ShuRoo is a deterrent, not a forcefield. It has been specifically designed and thoroughly tested over the past 25 years to assist in keeping the roos away from your car, truck, 4WD or bike.

Kangaroos are wild, flighty animals and can be counted on to act as such, with the only difference being that ShuRoo alerts them to your presence as you are approaching. This allows both you and the roo ample time to be able to avoid physical contact.

Why does a ShuRoo work?

Under normal circumstances, kangaroos do not hear the low frequency sounds that an approaching vehicle creates. ShuRoo projects a high frequency sound pattern through a continually changing range of frequencies in front of and to the sides of the car. Because kangaroos use high frequency for warnings of impending danger, they take avoiding action. Or if they are "road tame" and off the road, they will simply watch you pass, but will not approach you.

Why does high frequency sound work?

In the wild, kangaroos are always listening for approaching danger. If you try to creep up on them, they always look in your direction. This is because their high frequency hearing capacity is much greater than ours. For example, the slight sound of a twig snapping is much louder to the kangaroo and/or wallaby than it is to humans.

How far down the road does ShuRoo project?

Approximately 400 metres ahead and approximately 50 metres on each side of the vehicle. High frequency sound is like your car lights - the sound pattern does not go around corners or over crests, so use common sense when traveling in highly vegetated areas or winding roads.

Will all kangaroos run away?

No. ShuRoo is not designed to scare or panic the animal, but is like a sophisticated police siren which alerts the 'roo that there is something strange and disturbing approaching. As you get closer, the sound gets stronger and the 'roo is alerted and aware. By choice 'roos won't knowingly hop directly into our vehicles. They mostly do this when startled and, being a flighty animal, panic. ShuRoo helps avoid this by letting the 'roo know you're around in plenty of time.



Does fitting a ShuRoo guarantee that I will never again collide with a kangaroo?

No. Whilst ShuRoo is the world leader in this field, we cannot make that claim as we are dealing with a wild, flighty animal, in varying conditions, at different speeds. But ShuRoo will alert them to your presence and independent reports show between 70 and 90% reduction in Kangaroo related accidents for vehicles fitted with ShuRoo.

Will ShuRoo fit all cars?

Yes, it is designed to fit all vehicles.

How can I tell its working?

The unit is fitted with a LED switch with will stop glowing green if there is a problem with the unit. Outside the vehicle the speakers emit a crisp, audible “zip, zip” noise. If you can't hear this from OUTSIDE the vehicle, have your ShuRoo checked.

Does ShuRoo work in the wind and rain?

Yes.

Does rain affect the speakers?

No. However, if the vehicle is driven into water and the unit is fully immersed, it should be turned off and given 5 kms to dry off before switching on again. Cover ShuRoo speakers when using an automatic car wash and DO NOT spray high pressure water jets directly into the speaker grilles as damage will occur.

Is there a Warranty with ShuRoo?

Yes, for 12 months.

How long will ShuRoo last?

We suggest testing the speakers after 100,000 kilometres, or every 3 years.



Can I hide the unit behind the grill of my car?

No. ShuRoo needs clear line of site to be effective. The unit fits unobtrusively beneath your number plate and integrates extremely well with modern car designs.

Can I fit ShuRoo to my 24volt truck?

Yes, you will need a 24-12volt 3amp reducer.

What maintenance is required?

ShuRoos need very little maintenance, just make sure that the speaker grill is clear of bugs and that the green light is glowing steadily. ShuRoos have a 12mth warranty and in normal conditions you should get around 100,000 km's before the speakers need looking at.

Why do you mention airbag protection?

A collision with a roo can potentially activate an airbag. If you have swerved – a natural reaction- there is the potential for a secondary hit with an oncoming vehicle, a tree or an embankment. By this time the airbag has deflated, rendering it useless.

How long has ShuRoo been on the market?

ShuRoo has been protecting Australians for over 25 years, with over 50,000 satisfied users. ShuRoo is Australian made for Australian conditions.

What if I need service or further information?

ShuRoo is an Australian owned and operated company and assistance is simply a phone call away. ShuRoo is manufactured in Australia, employing other Australians.

A million kilometres of fleet field tests

A sample of the success fleet operators are having in reducing damage and downtime, and more importantly, protecting their most valuable resource – their people. Many more examples are available to be seen at our website www.shuroo.com

We have had our fleet of nine V/Line Northern Services coaches fitted with Shuroo's for the past eighteen months. These coaches cover between three and four thousand kilometres each, weekly throughout Northern and North East Victoria and Southern NSW. Since having the Shuroo's fitted we have had only 2 incidents involving kangaroos. Shuroo has reduced the incidence of expensive damage caused by kangaroos, which are prevalent throughout our passenger services routes. The issue of passenger safety was also one of our major considerations.

Kelvin Pitts – Manager Northern Services, L.C. Dysons Bus Services Pty Ltd (Echuca/Moama Office)

We have discussed the effectiveness of SHUROO deterrent with the fleet managers of the Victorian Ambulance Service and the Queensland Government Fleet as you suggested. As a result of their advice and the information you have supplied we authorize the use of the words: Approved by GIO General Limited".

Jim Munro – Manager, Motor Vehicle Technical Services, GIO Australia

The Australian Railroad Group (ARG) is one of the largest private rail operators in Australia. ARG has a fleet of 406 vehicles and driver safety is of a critical importance to ARG as we pride ourselves on being the safest railroad company in Australia. In 2004 at our ARG Kalgoorlie depot, we had 23 kangaroo incidents creating problems with having so many job specific vehicles out of service. In 2005, ARG installed Shuroo systems into 16 vehicles with immediate effect, for the remainder of 2005 we recorded one kangaroo incident. This reduced our vehicle down time by 95% but more importantly, our employees are driving in a safer vehicle. In September 2005, ARG's Occupational Health and Safety department completed a driver safety analysis with results clearly showing the benefits of the Shuroo electronic vehicle protection system. A decision was made by ARG to roll out the installation of the Shuroo system throughout our vehicle fleet during 2006 – 2007.

Paul Wylde – ARG Fleet Manager, Australian Railroad Group, Welshpool WA

Currently we have 140 sedans and station wagons fitted and in the past 12 months we have maintained the 70% reduction achieved in the first 2 years. The financial savings far outweighs the cost of installing Shuroo's on Hydro Tasmania vehicles.

Alan Johnson, Fleet Manager Hydro Tasmania

Over the past 10 months this region has tested the operation of the Shuroo in known heavily populated kangaroo areas and has found the device to be highly effective when being used within the normal speed limits applying to various roads and with the driver taking due care with respect to cuttings, curves and crests. As a result of these tests we intend now to fit the Shuroo to the majority of our fleet.

L.C. Hotchin, Regional Superintendent, Ambulance Service Victoria – Western Region

