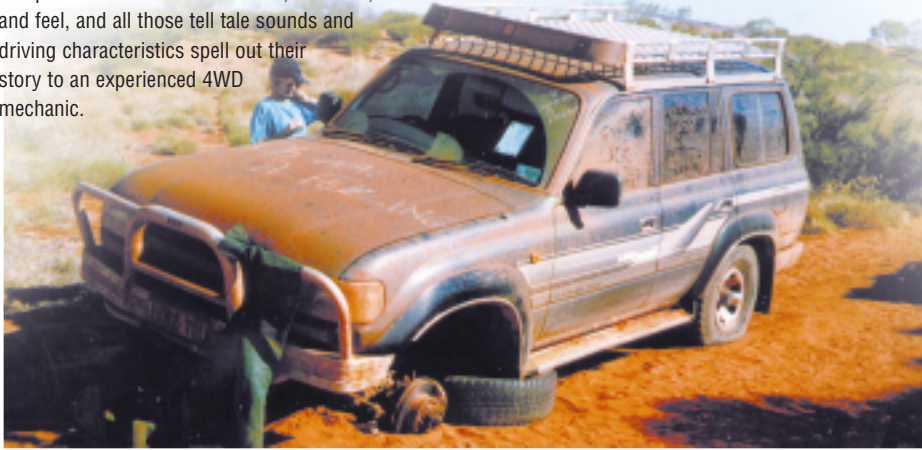


**T**he 40,000km major service is a comprehensive preventative maintenance service. It is the only service where literally everything is inspected, everything adjusted that needs adjusting and all the oils and filters changed and fluids flushed. Both hubs and wheel bearings are stripped, cleaned and repacked with grease. All major transmission components are checked for wear, backlash, noise and feel, and all those tell tale sounds and driving characteristics spell out their story to an experienced 4WD mechanic.



*Don't let this happen to you! Vehicle found abandoned June 1998*

So why is it that we see so many vehicles that get serviced regularly every 10,000km but have never had a 40,000km service?

So what is different you may ask - firstly your 4WD is not a 2WD - it has twice as many gearboxes and twice as many diffs and then some. Your 4WD is asked to do things that you would never ask a 2WD to do, carry or tow loads substantially more than the old Falcon was ever asked and then the next day it is travelling along corrugations and dust in 40 degree heat.

**DO YOU GET LOST??? NOT ANY MORE WITH A MAGELLAN GPS**

*Magellan have recently released a new range of Global Position Systems onto the market. The new range consists of entirely new models, with new features, performance & options.*

*The baby of the range is the Pioneer, and priced at just \$295.00 is the cheapest GPS on the market. This unit is extremely small & light, and operates for up to 48 hours on just 2 AA batteries, and is waterproof (it even floats). You hardly even know that your carrying it!!! This is by far the most popular unit & is ideal for 4WD and outdoor use.*

*All units have the full range of optional accessories available like power data cable, carrying cases, & mounting brackets.*

*If you're looking at buying a GPS, call in to our showroom for a demonstration*

**ITS A BIG WORLD... SO HOW WILL THEY FIND YOU?**

*Portable satellite emergency beacon. Re-usable, water proof, only weighs 215 gms only \$299.00*



So unless you have arranged for these preventative issues to be attended to they will simply never get done. This is why we so often see major repairs on vehicles that could have been prevented entirely.

You don't need to go heavy duty 4WD driving to need a service but when you do go through water and mud - how much of it actually found its way into your diff and wheel bearings? - Many experienced

4WD drivers can tell you this ! They learn't the expensive way. The answer is possibly quite a lot if the wheel bearings weren't repacked in the last 40,000km.

You don't even need to drive through deep water - a single bogged wheel where the hub is below the water line is a typical situation to see a ruined bearing within weeks, not to mention water intake into the diff because the breathers don't stop the water from entering

**WARNING TO 1990-1994 1HDT 80 SERIES OWNERS**

*There has been a large number of big end bearing failures in this model at 150,000 kms . The bearings flake due to overheating. The symptom is a ticking sound sometimes associated with a slight drop in oil pressure. The consequences can be very expensive, (damaged crankshaft, cracked blocks etc.) so the problem cannot be ignored. This problem is unrelated to how well or how poorly the vehicle has been serviced. Have your vehicle checked by our technicians as soon as possible if you have one of these vehicles.*

**DIFFERENTIALS**

*The outer pinion bearing on the differential becomes 'loose' or at least has free-play as a result of general wear and tear of the bearings. This commonly occurs on the rear differential from 80,000 km on. This free-play will become excessive if left unattended. With thorough servicing it will be detected early and the bearing tension or 'pre-load' can be adjusted correctly.*



*If it has been left unattended for sometime then bearing deterioration may be such that they require replacing. Remember, prevention is better than a spoilt holiday.*

We get to see many of the reasons why people don't perform the Major service, firstly many people are just simply unaware of the need to do so and this is particularly true for many new first time owners of 4WDs who religiously service their vehicle in the same pattern as their family sedan.

Secondly vehicles often get changed every 40-80,000kms and the final major service never gets done because of an impending sale and the new owner assumes that it was either done by the previous owner or told by the salesperson that the vehicle was just serviced - so why spend any more money ?

The fact is - it is extremely rare to find a second hand 4WD for sale that has received a complete major service.

The final reason we see, is that people who rarely go-off road- often assume that their vehicle does'nt need it anyway or they'll get it done before their next big trip - maybe next year!

Preventative maintenance on your vehicle is obviously a lot more involved than just taking the 4WD and getting it serviced and handing over your money. It also involves you checking it periodically and inspecting for tell tale signs according to a routine, especially when you're away from home. Your inspection can be as simple as a 5 minute morning checklist-being alert to rattles, squeaks, whines and unusual sounds or vibrations. If want you a list come in and speak to us.

If you do all these things your holidays will always be smooth and uninterrupted and your repair bills low.

**DUAL BATTERY INSTALLATIONS**



*The Intelligent Isolator has been designed to meet all the needs and requirements of a dual battery electrical system in the modern 4WD vehicle. It's electronic circuit controller protects the alternator from overloading, has inbuilt spike protection and surge control, has a jump start facility for starting from the auxiliary battery and is fully encapsulated for long life. Combined with a cadmium passivated steel cradle and wiring kit the 4WD Systems Dual Battery System is the most advanced and complete system available.*

Newsletter Produced by



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*We design, We test, We manufacture, We're stylish, Australia wide.*