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## QUICK REFERENCE CARD

### 4x4 TIPS

#### Do not make your own road

- Engage 4x4 function high/low range before attempting to pass any obstacle**
- Tar** > No 4x4 needed although in wet conditions **4x4H** is useful for better road holding  
 > Not advisable to keep vehicle in 4x4 at high speed or extended periods
- Gravel** > No 4x4 needed although **4x4H** is useful for extra traction in bad conditions
- Rock** > **First assess** the obstacle on foot  
 > **4x4L** is recommended  
 > **Remove** large obstacles from **2<sup>nd</sup> gear 4x4L**  
 > **Do not** attempt to drive over large obstacles
- Sand** > **First assess** the obstacle on foot  
 > In deep/soft sand deflate tyres to **1.0 – 1.2 bar**  
 > Recommended **2<sup>nd</sup> gear 4x4L**  
 > Maintain **momentum** till well clear of obstacle
- Mud** > **Do not** drive into water unless unavoidable  
 > Stay in previous **tracks** if possible  
 > Keep in mind water level may rise in a short time  
 > Recommended **2<sup>nd</sup> gear 4x4L**  
 > Maintain **momentum** till well clear of water and surrounding mud
- Incline/decline** > Do not drive down somewhere you are not sure of a way out  
 > **First assess** obstacle on foot  
 > Recommended **1<sup>st</sup> gear 4x4L** for larger obstacles, rough terrain
- Diff lock on** > Recommended **2<sup>nd</sup> gear 4x4L** for loose gravel, stones - **Diff lock on**  
 > Disengage diff lock as soon as obstacle is cleared
- Beach driving** > Only drive on the beach where permitted  
 > Beware of tidal washouts  
 > **Do not** drive in the water  
 > Recommended **4x4H** for normal driving, deflating tyres to **1.0 – 1.2 bar**  
 > Maintain **momentum** in deep sand  
 > **Do not** brake hard when stopping, roll to a halt to avoid digging in  
 > If stuck: clear path forward for all 4 wheels, deflate tyres to **0.90 bar**  
 > Recommended **4x4L**  
 > Rock the vehicle back and forth  
 > Maintain **momentum** until well clear of obstacle

**Be Informed > Be Prepared > Be Safe**



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### Habits and spares

- Refuelling - Fill the tank at half
- Fan belt - Always carry a spare fan belt
- Coolants/Oil - Always check the oil when refuelling
- Tyres/spare tyre - Make sure the spare tyre is inflated
- Spare water - Always carry extra water for passengers and vehicle
- Travelling in convoy - Maintain a 10 vehicle-length following distance
- Stopping at roadside - Pull well clear of the roadside, preferably at allocated rest areas
- Travelling alone - Stop to rest at least once every hour
- Litter - Keep litter in the vehicle! There's no one to clean up out there!

### Vehicle recovery

- Attaching the rope firmly and in such a way that it will loosen easily (shackle, slip-knot)
- Hang a towel over the rope
- Open the bonnet in case the tow strap breaks
- Select the correct gear, recommended 2<sup>nd</sup> L
- Choose suitable path with ample runway
- Clear tyre paths with a shovel
- Rocking the vehicle back and forth can help!
- Turning the wheels from side to side increases the surface area of tyre and may be useful

### General driving

- Do not swerve for animals
- Slow down when animals are at the edge of the road
- If the vehicle should leave the road, keep steering wheel straight and break gently
- Do not slam on the brakes in case of flat tyre, keep steering straight and coast to a stop
- Drive with your lights on at all times
- Adhere to the speed limits, the recommended gravel road speed is **80km/h**
- Read the road conditions!
- Keep a safe distance from wild animals
- Keep well to the left when going over a rise, especially on gravel roads
- Do not stop just over a rise or on a blind turn

### Survival in the bush

- Always carry the essentials:
 

Lots of extra water	First Aid Kit
Extra spare tyre	Tow rope
Shovel	Jumper leads
- Do not run from wild animals – they **will** chase you
- Keep a safe distance from wild animals
- Stick together
- Gathering water: riverbeds, digging, plants
- Gathering food: all mushrooms are toxic except mushrooms on anthills
- Signalling: Burning spare tyre, packing rocks

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