



essential SPARES, TOOLS & RECOVERY manifest

When it comes to packing your 4X4 make sure you take as much gear as you need but no more than is necessary. Yep, this is a very long list but don't think we're suggesting you need to take everything we've written down. We just wanted you to have the most comprehensive packing list possible. Before starting to load up your rig, it's important you know the weights of your vehicle and the payload you have available, so, pack smart and keep the shiny side up.

SPARES MANIFEST (vehicle specific where possible)

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	Engine oil
<input type="checkbox"/>	<input type="checkbox"/>	Gearbox oil/Auto-Trans Fluid
<input type="checkbox"/>	<input type="checkbox"/>	Diff oil
<input type="checkbox"/>	<input type="checkbox"/>	Spare CV with axle
<input type="checkbox"/>	<input type="checkbox"/>	High-temp bearing grease
<input type="checkbox"/>	<input type="checkbox"/>	Spare seals
<input type="checkbox"/>	<input type="checkbox"/>	Drive belts/fan belts
<input type="checkbox"/>	<input type="checkbox"/>	Gasket paper
<input type="checkbox"/>	<input type="checkbox"/>	Spare wheel bearings (trailer/camper/caravan too)
<input type="checkbox"/>	<input type="checkbox"/>	Power steering fluid
<input type="checkbox"/>	<input type="checkbox"/>	Dot4+ brake fluid
<input type="checkbox"/>	<input type="checkbox"/>	Fuel, oil & air filter
<input type="checkbox"/>	<input type="checkbox"/>	Thermostat
<input type="checkbox"/>	<input type="checkbox"/>	Fuel/oil resistant hose
<input type="checkbox"/>	<input type="checkbox"/>	Top & bottom radiator hoses
<input type="checkbox"/>	<input type="checkbox"/>	Alternator
<input type="checkbox"/>	<input type="checkbox"/>	Starter motor
<input type="checkbox"/>	<input type="checkbox"/>	Known problematic sensors
<input type="checkbox"/>	<input type="checkbox"/>	Spare shock absorber/rubbers
<input type="checkbox"/>	<input type="checkbox"/>	Fencing wire
<input type="checkbox"/>	<input type="checkbox"/>	Spare fuses





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SPARES MANIFEST (continued)

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	Extra inline fuse holder
<input type="checkbox"/>	<input type="checkbox"/>	Spare tyre
<input type="checkbox"/>	<input type="checkbox"/>	Hose clamps
<input type="checkbox"/>	<input type="checkbox"/>	Spare wheel studs and nuts
<input type="checkbox"/>	<input type="checkbox"/>	Spare bolts, washers and nuts – various sizes
<input type="checkbox"/>	<input type="checkbox"/>	Spare ball joints
<input type="checkbox"/>	<input type="checkbox"/>	Spare upper-control arms
<input type="checkbox"/>	<input type="checkbox"/>	Handheld UHF

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TOOLS MANIFEST (vehicle specific where possible)

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	3/8"-drive socket set
<input type="checkbox"/>	<input type="checkbox"/>	3/8"-drive sockets (shallow/deep) – vehicle-specific sizes
<input type="checkbox"/>	<input type="checkbox"/>	3/8"-drive ratchet
<input type="checkbox"/>	<input type="checkbox"/>	3/8"-drive extension bar
<input type="checkbox"/>	<input type="checkbox"/>	3/8"-drive Torx/security/star/Allen bits – vehicle specific
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive socket set
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive sockets (shallow/deep) – vehicle specific for larger bolts/nuts
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive ratchet
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive breaker bar
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive extension bar
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive Torx/security/star/Allen bits – vehicle specific
<input type="checkbox"/>	<input type="checkbox"/>	1/2"-drive 12/18V rattle gun (for wheel nuts) + spare batteries/charger
<input type="checkbox"/>	<input type="checkbox"/>	Shifter – small/large
<input type="checkbox"/>	<input type="checkbox"/>	Spanner Set – Ring/open-ended – vehicle-specific sizes
<input type="checkbox"/>	<input type="checkbox"/>	Wheel brace
<input type="checkbox"/>	<input type="checkbox"/>	Tyre plug/repair kit
<input type="checkbox"/>	<input type="checkbox"/>	Tyre gauge/deflator
<input type="checkbox"/>	<input type="checkbox"/>	Bottle jack and handle
<input type="checkbox"/>	<input type="checkbox"/>	Jack base plate or lump of timber
<input type="checkbox"/>	<input type="checkbox"/>	Wheel chocks
<input type="checkbox"/>	<input type="checkbox"/>	Workshop manual
<input type="checkbox"/>	<input type="checkbox"/>	Wire brush
<input type="checkbox"/>	<input type="checkbox"/>	Phillips head screwdriver – small, medium large
<input type="checkbox"/>	<input type="checkbox"/>	Flat blade screwdriver – small, medium, large
<input type="checkbox"/>	<input type="checkbox"/>	Bit driver – plus assorted bits (Phillips, flat, Torx, Allen key)
<input type="checkbox"/>	<input type="checkbox"/>	Wheel bearing socket – vehicle specific





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TOOLS MANIFEST (continued)

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	Multitool
<input type="checkbox"/>	<input type="checkbox"/>	Metal file
<input type="checkbox"/>	<input type="checkbox"/>	Thread file
<input type="checkbox"/>	<input type="checkbox"/>	Gaffer/Duct tape
<input type="checkbox"/>	<input type="checkbox"/>	Electrical/insulation tape – roll
<input type="checkbox"/>	<input type="checkbox"/>	Self-amalgamating tape
<input type="checkbox"/>	<input type="checkbox"/>	Thread tape
<input type="checkbox"/>	<input type="checkbox"/>	Cordless drill
<input type="checkbox"/>	<input type="checkbox"/>	Drill bits
<input type="checkbox"/>	<input type="checkbox"/>	Vice grips - bullnose
<input type="checkbox"/>	<input type="checkbox"/>	Pliers - long nose
<input type="checkbox"/>	<input type="checkbox"/>	Pliers - bullnose
<input type="checkbox"/>	<input type="checkbox"/>	Side cutters
<input type="checkbox"/>	<input type="checkbox"/>	Ball peen hammer
<input type="checkbox"/>	<input type="checkbox"/>	Brass drift
<input type="checkbox"/>	<input type="checkbox"/>	Compressor
<input type="checkbox"/>	<input type="checkbox"/>	Compressor blower fitting
<input type="checkbox"/>	<input type="checkbox"/>	Compressor inflator
<input type="checkbox"/>	<input type="checkbox"/>	Ratchet straps
<input type="checkbox"/>	<input type="checkbox"/>	JB Weld/metal putty
<input type="checkbox"/>	<input type="checkbox"/>	RTV sealant/silicon
<input type="checkbox"/>	<input type="checkbox"/>	Chemiweld/head gasket repair fluid
<input type="checkbox"/>	<input type="checkbox"/>	Electrical wire 15A or 25A – roll (10-20M)
<input type="checkbox"/>	<input type="checkbox"/>	Electrical connectors - assorted
<input type="checkbox"/>	<input type="checkbox"/>	Electrical ratchet crimping tool
<input type="checkbox"/>	<input type="checkbox"/>	Soldering iron 12v/gas & 1mm solder



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TOOLS MANIFEST (continued)

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	Spare Anderson plugs
<input type="checkbox"/>	<input type="checkbox"/>	Spare trailer plug
<input type="checkbox"/>	<input type="checkbox"/>	Cable ties
<input type="checkbox"/>	<input type="checkbox"/>	Multi Meter
<input type="checkbox"/>	<input type="checkbox"/>	Test light
<input type="checkbox"/>	<input type="checkbox"/>	Jumper cables – to suit your vehicle engine size
<input type="checkbox"/>	<input type="checkbox"/>	WD40
<input type="checkbox"/>	<input type="checkbox"/>	Degreaser
<input type="checkbox"/>	<input type="checkbox"/>	Hand cleaner
<input type="checkbox"/>	<input type="checkbox"/>	Rags
<input type="checkbox"/>	<input type="checkbox"/>	Disposable gloves
<input type="checkbox"/>	<input type="checkbox"/>	Tarpaulin
<input type="checkbox"/>	<input type="checkbox"/>	Welding gear – rods, helmet, leads
<input type="checkbox"/>	<input type="checkbox"/>	Scan tool
<input type="checkbox"/>	<input type="checkbox"/>	Scan tool

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RECOVERY / 4X4 GEAR MANIFEST

TAKE	LEAVE	
<input type="checkbox"/>	<input type="checkbox"/>	Towbar recovery hitch with rated shackle
<input type="checkbox"/>	<input type="checkbox"/>	Recovery kit
<input type="checkbox"/>	<input type="checkbox"/>	High lift jack
<input type="checkbox"/>	<input type="checkbox"/>	Winch & hand-controller
<input type="checkbox"/>	<input type="checkbox"/>	TRED Pros
<input type="checkbox"/>	<input type="checkbox"/>	Winch damper
<input type="checkbox"/>	<input type="checkbox"/>	Winch extension straps
<input type="checkbox"/>	<input type="checkbox"/>	Groundsheet
<input type="checkbox"/>	<input type="checkbox"/>	Tree protector straps/bridle
<input type="checkbox"/>	<input type="checkbox"/>	Snatch strap
<input type="checkbox"/>	<input type="checkbox"/>	Storage bag for recovery gear
<input type="checkbox"/>	<input type="checkbox"/>	Snatch block
<input type="checkbox"/>	<input type="checkbox"/>	Tarp
<input type="checkbox"/>	<input type="checkbox"/>	Chainsaw, fuel and oil
<input type="checkbox"/>	<input type="checkbox"/>	Chainsaw sharpener
<input type="checkbox"/>	<input type="checkbox"/>	Extra rated bow shackles
<input type="checkbox"/>	<input type="checkbox"/>	Hand winch/come-along
<input type="checkbox"/>	<input type="checkbox"/>	Leather rigger gloves
<input type="checkbox"/>	<input type="checkbox"/>	Ground anchor
<input type="checkbox"/>	<input type="checkbox"/>	Long-handled shovel
<input type="checkbox"/>	<input type="checkbox"/>	Spare hitch pin & R-clip
<input type="checkbox"/>	<input type="checkbox"/>	Sand flag

