

2CV SPARE PARTS TO CARRY

By Graeme Dennes

Revision 5

This is a list of the suggested spare parts, accessories and tools to carry in your 2CV when away from home. We can *never* guarantee the reliability status of our older vehicles, and we do know that despite our best planning and preparation efforts, older vehicles can and do break down from time to time. This is a fact of life, being that *old* vehicles are an assemblage of *old* parts poised to fail at some point, which always seems to happen at the most inconvenient moments! A new Murphy's law: The further we drive an old car from the front gate, the greater is the risk of breakdown! We can minimise the resulting discomfort and disruption by carrying a set of the most-likely-required spare parts for our cars so we can conduct a roadside repair, where possible, and proceed on our way. Although you may not need to carry every item listed, the listed items have been known to fail while away from home. Ensure that the components which make up your 2CV are serviceable and reliable to the maximum extent possible.

No 2CV owner wants a failure to occur when away from home, but the reality is that every owner may not be a motor mechanic, so every vehicle may not be prepared to such a high standard. Regardless, do what you can with your vehicle preparation, as it can be a very long and winding road home on the back of a carrier. At best, every owner can only prepare their car to the extent they are capable. That's why we need to carry spare parts.

Although every 2CV owner may not have the skills to replace all the parts listed, you'll be able to assist a repairer with *your* parts to get *your* 2CV back on the road with minimum disruption wherever possible.

Very importantly, *don't rely on or expect* the goodwill of others to provide you with spare parts out on the side of the road. When we choose to drive an old vehicle, we choose the responsibilities that go with that! Take charge of your 2CV! Carry your spare parts.

A suggestion: Carry the spare parts in an air-tight case to keep out dirt and moisture and to prevent damage to the parts. Such cases are available from most automotive parts stores.

The following list of parts and items is presented for your information. The writer has either personally experienced or been told by others about these items failing. Some of these items failed on RAID Arnhem 2016 while others failed on RAID Cape York 2022. Decide which parts and other items to carry in your 2CV when away from home.

The secret to minimising failures with your 2CV is regular inspections and maintenance!

Suggested Spares:

New fan belt

2 *new* spark plugs, gapped to 0.7 mm

New spark plug leads (leave in packaging to prevent damage)

New or known good ignition coil

New carburettor repair kit (to suit your carb, including *correct-sized* float valve)

3 *new* sump plug copper gaskets (2 for gearbox, 1 for engine)

If points fitted, *new* points and capacitor
If electronic ignition fitted, either a *new or known good* electronic ignition unit or circuit board.
1m *new* rubber fuel hose, 5.5 mm (7/32") *inside* diameter
Accelerator cable
Clutch cable
New oil filter
New fuel filter
New suspension tie-rod eye
New front knife edge
New rear knife edge
4 x *new* knife edge clips
New driveshaft boot set (3 boots)
Oil filler/breather
Starter solenoid
Inlet manifold bolts
Exhaust manifold bolts and copper nuts
Shock absorber pins
Alternator
Alternator brush set
Accelerator return spring and the metal clip at the fan cowling
Voltage regulator
Spare fuel cap
Tyre valve dust cap set
Fan (wrap in a cloth and store under the spare wheel)
Fuel pump with *new* diaphragm fitted and a spacer block with *new* paper gaskets bonded to each side.
Headlight globe
Indicator globe
Brake/tail light globe
Fuses: 10 amp, 15 amp, 20 amp. 3AG type
Spare keys (door, boot, ignition, fuel cap) held in a waterproof magnetic container, accessible from *outside* the vehicle, perhaps in the engine bay.

Suggested Oils:

Engine oil: any good quality 20W50 *mineral* oil for daily top-up. *Don't use synthetic oil.*

Gearbox oil: any good quality 75W80 API GL-4 *mineral* oil. *Don't use GL-5 classified oil and don't use synthetic oil.*

LHM or DOT brake fluid as applicable.

Suggested Tools:

Take a good selection, including the special (skinny) fan hub socket, tools to remove the fan from the tapered crankshaft fitting (and knowing how to do it), 6-19 mm ring spanners and open-end spanners, 6-19 mm socket set with ratchet handle, extensions, universal, etc, adjustable spanner, a range of plain and Philips screwdrivers, pliers, side cutters, long-nose pliers, multigrips, feeler gauges (0.2 mm for valve clearances, 0.4 mm for ignition points (if fitted), 0.7 mm for spark plugs).

Other suggested items:

- Five litres of fuel
- Small spray pack of WD-40, etc
- Tube of copper grease
- First Aid Kit
- New* tyre tube
- New* tyre valves
- Valve removal tool
- Tyre pressure gauge
- Cross-type wheel brace (less damaging to wheel nuts than the standard tool)
- Exhaust bandage
- Tyre repair kit
- Tube repair kit
- Tow rope
- Small roll of duct tape
- Small roll of electrical tape
- Small roll of electrical wire
- Torch
- Emergency windscreen
- Multimeter
- Cable ties
- Jumper leads
- Tarp for shade
- Bottle of water
- Hand cleaner
- Cotton rags
- Rubber gloves
- Length of nylon cord
- A couple of wire coat hangers (have been known to be very helpful!)

W.C. Fields also had sound advice on important spares to carry:

I always keep a supply of stimulant handy in case I see a snake - which I also keep handy.

When I went to Africa on safari, somebody forgot the corkscrew and for several days we had nothing to live on except food and water.

I enjoy cooking with wine. Sometimes I even add it to the food.

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This document may be updated in the future and assigned a new revision number.

Should you have any questions about the document or if you find errors or have suggestions for improvement, please contact the writer at: gdennes@gmail.com

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