

Appendix D:

G-Wagen fire truck load list

When the Department of Environment and Primary Industries developed the ultralight G-Wagen fire truck in 2013, it created a load list that identified the equipment, supplies, water, occupants and other loads the vehicle was expected to carry.

The load list was included in the request for tender and informed the vehicle's design requirements, including carrying capacity, weight distribution and storage arrangements.

Figure D1 is an extract of selected tools and supplies from the load list.

Figure D1: Load list of tools and supplies for G-Wagen fire truck

Tools and supplies	Weight (kg)
2 personal fire blankets (5.0kg each)	10.0
Sign boards	7.0
Long-handled shovel	3.7
2 fire rake-hoes (2.5kg each)	5.0
Crowbar	11.0
2 sets of personal protective equipment (5.0kg each)	10.0
2 personal deployment kits (10.0kg each)	20.0
Drinking water (10 litres)	10.0
Esky and 5.0kg ice	10.0
Food	5.0
Chainsaw	11.0
Chainsaw fuel/oil	11.0
Chainsaw maintenance tools and equipment	2.0
Specialist personal protective equipment	3.6
Axe	3.6
Miscellaneous tools	2.0
Adjacent work light	5.0
Hand wash and dispenser	1.0
Sunscreen and dispenser	1.0
First aid kit	4.0
Rubbish bin	2.0
15 litres of water for washing, including the tank, plumbing and pump	18.0
2 drip torches, each carrying 5 litres of fuel	15.4
Additional drip torch fuel (20 litres)	23.0

Tools and supplies	Weight (kg)
Class A foam (20 litres)	23.0
Recovery kit (e.g. straps, shackles)	13.0
Total	230.3

Note: This list is an extract of selected tools and supplies from the G-Wagen load list. It excludes items permanently fitted to or installed on the vehicle that may be included in the vehicle's build weight, such as the spare wheel, radios, fire extinguisher, bullbar and winch. It also may exclude some items not listed that are carried on vehicles, such as nozzles and adaptors, and personal equipment or other items carried by firefighters. The actual weight carried by the vehicle may therefore be higher than this summary. This is a conservative estimate intended to illustrate the weight of selected tools and supplies only.

Source: VAGO, based on information from the Department of Environment and Primary Industries.