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| **AID WORKERS NETWORK SPARE PARTS LIST** |  |
| **About this tool:** This list details the spare parts which an organisation should maintain at an operational base (i.e. items which will be required frequently in the location where the vehicle is operated from), and also at a regional base (i.e. items which will be required less frequently). | |
| **Minimum stores per vehicle, to be kept at base** | |
| **Item** | **To be in stock** |
| Oil filter | 1 piece |
| Fuel filter | 1 piece |
| Fuel element kit | 1 piece |
| Air filter | 1 piece |
| Brake pads (front) | 2 sets |
| Brake shoes (rear) | 2 sets |
| Fuses 7.5, 10, 15, 20 | 2 of each |
| Complete lamp kit for whole vehicle | 1 piece |
| Brake fluid | 2 litres |
| Power steering fluid | 2 litres |
| Spare patches | 1 packet |
| (Varying sizes) |  |
| Glue for above patches | 1 tin |
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| **Additional spare parts to be kept at vehicle base** | |
| **Item** | **To be stocked** |
| **Engine Parts** |  |
| Fan belt | 2 (1 set) |
| **Transmission system** |  |
| Wheel bearings – inner | 2 |
| Wheel bearings – outer | 2 |
| Hub oil seal | 2 |
| Spider kit – front | 1 |
| Spider kit – rear | 1 |
| Knuckle bearings | 4 |
| Rear differential oil seals | 2 |
| Transfer input | 1 |
| Transfer output | 1 |
| Axle oil seal – rear | 2 |
| Axle oil seal – front | 2 |

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| **Item** | **To Be Stocked** |
| **Body** |  |
| Bushes – front | 12 |
| Bushes – rear | 12 |
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| **Brake System** |  |
| Wheel cylinder kit | 2 |
| Front calliper kit | 1 |
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| **Liquids** |  |
| Oil sae 40 | 40 litres |
| Grease | 18kg |
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| **Additional items to be stored at regional logistics base** | |
| **Item** | **To be stocked** |
| **Engine Parts** |  |
| Oil filter | 6 piece |
| Fuel filter | 6 piece |
| Fuel element kit | 6 piece |
| Air filter | 6 piece |
| Fuses 7.5, 10, 15, 20 | 6 of each |
| Complete lamp kit for whole vehicle | 6 piece |
| Brake fluid | 12 litres |
| Power steering fluid | 12 litres |
| Spare patches (varying sizes) | 6 packet |
| Glue for above patches | 6 tin |
| Crank shaft oil seals – front | 2 |
| Crank shaft oil seals – rear | 2 |
| Snorkel top | 1 |
| Fan belt | 4 (2 sets) |

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| **Item** | To Be Stocked |
| **Transmission System** |  |
| Pressure plate | 1 |
| Clutch plate | 1 |
| Release bearing | 1 |
| Front differential oil seal | 2 |
| Final gear kit differential rear | 1 |
| Tapered bearing pinion rear | 1 |
| Tapered bearing pinion front | 1 |
| Complete free wheel hub | 1 unit |
| Wheel bearing – inner | 4 |
| Wheel bearings – outer | 4 |
| Hub oil seal | 6 |
| Spider kit – front | 4 |
| Spider kit – rear | 4 |
| Knuckle bearings | 8 |
| Rear differential oil seals | 2 |
| Transfer input oil seals | 2 |
| Transfer output oil seals | 2 |
| Axle oil seal – rear | 1 |
| Axle oil seal – front | 1 |
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| **Brake System** |  |
| Wheel cylinder kit | 4 |
| Front calliper kit | 2 |
| Brake drums | 4 |
| Brake shoes (rear) | 6 sets |
| Wheel cylinder complete | 2 |
| Return spring tensioner | 2 |
| Rear brake shoe adjuster | 4 |
| Rear hub | 2 |
| Bolt stud (rear hub) | 12 |
| Washer cone | 12 |
| Washer | 12 |
| Nut | 12 |
| Brake master cylinder | 2 |
| Screw rear axle bearing lock nut | 2 |
| Wheel stud rear | 4 |

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| **Item** | **To Be Stocked** |
| **Front Brake System** |  |
| Disc plate | 4 |
| Brake pads (front) | 6 sets |
| Pistons front disc brake | 2 sets |
| Gasket kit front axle | 2 sets |
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| **Springs** |  |
| Bushes – rear | 36 |
| - Front | 36 |
| Shock absorbers - front | 2 |
| Shock absorbers – rear | 2 |
| ‘U’ bolt – front | 2 |
| ‘U’ bolt | 2 |
| Centre bolt | 6 |
| Front spring assembly | 2 |
| Rear spring assembly | 2 |
| Stabilizer bushes | 4 |
| Stabilizer bracket | 2 |
| Rear shackle pin | 4 |
| Front shackle pin | 4 |
| Rear front shackle pin | 2 |
| Front rear shackle pin | 2 |
| Glow plug assembly | 12 |
| Damper assist | 1 |
| Nozzle assist | 6 |
| Nozzle heads | 6 |
| Injector cut off fuel switch | 1 |
| Bearing needle roller (steering) | 2 |
| Power steering oil seal | 1 |
| Cap assist fuel filter | 1 |
| Fan blade | 1 |
| Idle sub assist | 2 |
| Tensioner | 2 |
| Bolt lock for idler | 2 |
| Timing belts |  |