



Sprinter 4x4/AWD Road Trip Essential Tool List:

Hand Tools

- Panel popper tool (metal)
- Screwdriver set
- Multi-bit ratcheting screwdriver ***
- Pliers set (incl. needle-nose)
- Vise-Grips
- 24" flexible hose clamp pliers (MBZ compression clamps) ***
- Razor knife
- Electrical crimping / cut / strip tool
- Metal pick or pick set
- Metal files (flat & round)
- Putty knife
- Pry bar (24" or longer)
- Pipe wrench (lightweight aluminum)
- 2 lb short-handle sledgehammer
- All-metal axe (e.g., Estwing)
- Metric wrench set (6–22 mm; must include 18 & 21 mm)

- Add 24 mm (Sprinter 3500)
- Adjustable wrenches (2–3 sizes)
- 1/4" drive socket set (6–13 mm)
- 1/4" extensions & ratchet
- 3/8" drive socket set (10–19 mm)
- 3/8" E-Torx set (E4–E24; must include E8, E10, E12, E14)
- 3/8" Torx set (T15–T50)
 - T55 (rear sway bar & belt tensioner)
- 3/8" extensions & ratchet
- 1/2" drive socket set (10–21 mm; must include 18 mm)
- Loose sockets:
 - 18 mm deep
 - 19 mm (3/4") deep impact
 - 21 mm impact
 - 24 mm impact
- 1/2" extensions & ratchet
- 1/2" breaker bar (18")
- 3/8" → 1/2" adapter
- Metric Allen set (HW3–HW10)
- Small Allen key sets (metric & standard)

Jack & Tire Equipment

- Scissor jack ([Heavy Duty Universal Scissor Jack](#))
- Aluminum floor jack (no wheels) ****
- Lug wrench set ([Ken-Tool Telescoping Lug Wrench](#)):
 - 17 mm

- 19 mm / 3/4"
- 22 mm / 7/8"
- 13/16"
- [Lug key](#) (if required)
- Full-size spare tire
- Correct spare wheel hardware
 - Ball seat (OEM)
 - Cone seat (aftermarket)
- Spare lug bolts/nuts/studs (minimum one set)
- [Tire plug kit](#)
- Bead breaker ***
- Tire irons (2) ***
- Tire patch kit ***

Recovery Gear

- [Factor 55 Agile Select Recovery Kit for Sprinter](#)
- 10' Grade 70 choke chain ***
- Shovel
- [MaxTrax](#) ***

2 Way Radios

- [2 Way Radios](#)
- [Radio Antenna](#)

Power Tools (Electric) ***

- 14V 3/8" drill

- Drill bits (1/8"–1/2")
- 14V 1/4" drive impact
- Socket adapters (1/4", 3/8")
- Driver bit sets
- 14V 1/2" drive impact
- Extra battery
- 110V charger
- Power Probe or test light

Fluids & Miscellaneous

- Gloves
- Zip ties
- Tie-down straps
- Bungee cords
- Engine oil (2 qt)
- Power steering fluid (1 qt) + hose/fitting kit
- MBZ coolant (1 qt)
- Differential oil (1 qt)
- Brake fluid
- Small funnel
- Shop towels
- Hose clamps (worm-style)
- Electrical crimp connectors
- ATC fuses (incl. two 40A MAX for ARB Twin)
- Baling wire
- Electrical tape

- Duct tape
- Teflon tape
- JB Weld / SteelStik / epoxy
- Radiator stop leak
- Loctite (red or blue)
- Black RTV silicone
- Metric hardware (incl. rear shock bolt 14 x 110 mm – MBZ A910105014020)
- Standard hardware
- Rescue/Flex pipe sealing tape
- WD-40 (small can)
- Rubber hose (19 mm, 12 mm)
- Hand come-along winch

I always work on the Sprinter using tools and supplies from my bags. If I find a tool, or product needed that is not in the bag, I'll add it if necessary, you can't carry everything.

*** Not required but personally carried and recommended

**** Not required; planning to carry in the future