

Rear Utility Storage Install – NCV3 Sprinter 144

(Read Instructions in full before proceeding)

Tools Required

- Jigsaw or angle grinder
- Drill + **3/16” drill bit**
- Step bit (optional, cleaner holes)
- Metal file or deburring tool
- Clamps
- Sharpie + pencil
- Painter’s tape
- 8mm wrench
- Security Torx bits (for supplied hardware)
- Vacuum

Materials

- Utility storage box kit (frame, gasket, door, hardware)
- Touch-up paint / primer (rust protection)
- Optional: seam sealer or butyl tape

INSTALLATION STEPS

1. Prep the panel

- Clean the panel behind the rear wheel thoroughly
- Apply painter’s tape over the work area (protect paint + easier marking)



2. Position frame + gasket

- Place frame with gasket attached onto panel
- Confirm placement:
 - Clear of structural ribs
 - Clear of wiring behind panel (VS30 note below)
 - Hold firmly with tape in place



3. Mark cutout

- Trace inner edge with Sharpie
- Mark outer corners with pencil (alignment reference)



4. Remove frame

- Set frame and gasket aside
- Double-check cut lines before proceeding



5. Cut opening

- Drill starter holes in corners (if using jigsaw)
- Cut along marked line slowly
- Support panel while cutting to reduce vibration



6. Finish edges

- File/deburr all edges
- Clean off metal shavings



7. Rust protection

- Apply primer or touch-up paint to all bare metal
- Let dry before continuing



8. Install gasket

- Remove gasket from frame
- Place gasket evenly around opening



9. Mount frame

- Place frame over gasket
- Clamp in place
- Ensure gasket is visible evenly on all sides



10. Drill corner holes

- Drill 4 corner holes using 3/16" bit



11. Secure corners

- Install 4 corner 8mm long screws
- Tighten evenly (do not over-tighten)



12. Adjust panel contour

- Slightly bend outer panel near wheel arch if needed
- Goal: ensure even gasket compression for seal



13. Drill remaining holes

- Drill all remaining mounting holes

14. Install hinges

- Attach hinges with supplied 8x 10mm long screws
- Tighten securely



15. Install and adjust door

- Mount door
- Check:
 - Smooth closing
 - Even contact with gasket
 - Adjust latch if needed (slight bend for tighter seal)



16. Clean interior

- Vacuum all metal shavings inside wall cavity
- Wipe down area



17. Optional finishing

- Paint interior cut area
- Apply seam sealer if extra waterproofing desired

NCV3 Sprinter-Specific Tips

- **Check behind panel carefully:**
 - Wiring harnesses
 - Insulation clips
 - Structural ribs slightly offset from visible exterior
- **Wheel arch curvature:**

The body panel near the rear wheel is slightly curved — expect minor adjustment for a flush seal.
- **Rust prevention is critical:**

Sprinter body panels are prone to corrosion if edges are left untreated.
- **Best location tip:**

Stay within the flat section behind the wheel well to avoid fitment issues.

Final Check

- Door closes tightly
- Gasket evenly compressed
- No visible gaps