



PROJECT 017 - BUILD SHEET

# Van bed platform

Size 1.9 x 1.2 x 0.35 m - Time 1 day, one person - Pipe: 28.0 mm OD, wall 1.2 mm, from any supplier

Parts list

|                        |       |      |
|------------------------|-------|------|
| 8 x Corner             | KG-12 | \$24 |
| 6 x Foot               | KG-31 | \$18 |
| 4 x Brace              | KG-45 | \$10 |
| 2 x Splice             | KG-22 | \$5  |
| 2 x Fastener kit       | FK-M6 | \$14 |
| 22 parts, bought apart |       | \$71 |
| Bundle price           |       | \$66 |

Pipe cut list (28 mm OD)

|                   |                                |
|-------------------|--------------------------------|
| 4 x Long rail     | 1900 mm each                   |
| 6 x Leg           | 350 mm each                    |
| 3 x Cross member  | 1200 mm each                   |
| Total pipe to buy | ~13.3 m (add 5% for cut waste) |

Assembly

1. Cut pipe to the list above. Deburr the ends.
2. Assemble the base frame with bolts finger-tight - nothing square yet.
3. Dry-fit inside the van before final torque - wheel arches decide where the legs land.
4. Square everything up, then torque every bolt to 4 N-m with the 10 mm hex driver.