


| PARTS LIST |          |     |  |  |            |  |       |
|------------|----------|-----|--|--|------------|--|-------|
| POS.       | POS. OLD | QTY | PART NAME  | FILE NAME                                | PART TYPE  | SPECIFICATION                            | SHEET |
| A1         |          | 1   | LONG ANDRE CARGO BIKE A                            | Long André Cargo Bike A.iam              |            |  | 1     |
| A2         |          | 1   | LONG ANDRE CARGO BIKE A                            | Long André Cargo Bike A.iam              |            |  | 2     |
| B1         |          | 1   | PARTS LIST   | part-list-Long André Cargo Bike A.iam    |            |  | 3     |
| 1          |          | 1   | Assembly1-Long André Cargo Bike                    | Assembly1-Long André Cargo Bike A.iam    |            |  | 4     |
| 1.1        | 1        | 1   | wl_lacb_1.1_Down-tube                              | wl_lacb_1.1_Down-tube.ipt                | Production | A36                                      | 5     |
| 1.2        | 4        | 1   | wl_lacb_1.2_Down-tube-bend                         | wl_lacb_1.2_Down-tube-bend.ipt           | Production | A36                                      | 6     |
| 1.3        | 2        | 1   | wl_lacb_1.3_Long-head-tube                         | wl_lacb_1.3_Long-head-tube.ipt           | Production | A36                                      | 7     |
| 1.4        | 5        | 1   | wl_lacb_1.4_short-head-tube                        | wl_lacb_1.4_short-head-tube.ipt          | Production | A36                                      | 8     |
| 1.5        | 3        | 1   | wl_lacb_1.5_Frame                                  | wl_lacb_1.5_Frame.ipt                    | Standard   |  |       |
| 1.6        | 8        | 1   | wl_lacb_1.6_Fork-20                                | wl_lacb_1.6_Fork-20.ipt                  | Standard   |  |       |
| 1.7        | 7        | 1   | wl_lacb_1.7_Joist                                  | wl_lacb_1.7_Joist.ipt                    | Production | A36                                      | 9     |
| 1.8        | 6        | 1   | wl_lacb_1.8_Stiffening-angle                       | wl_lacb_1.8_Stiffening-angle.ipt         | Production | A36                                      | 10    |
| 1.9        | 16       | 1   | wl_lacb_1.9_Short-steering-lever                   | wl_lacb_1.9_Short-steering-lever.ipt     | Production | A36                                      | 11    |
| 1.10       | 20       | 1   | wl_lacb_1.10_Cover-plates                          | wl_lacb_1.10_Cover-plates.ipt            | Production | A36                                      | 12    |
| 1.11       | 20       | 1   | wl_lacb_1.11_Cover-plates                          | wl_lacb_1.11_Cover-plates.ipt            | Production | A36                                      | 13    |
| 1.12       | 20       | 1   | wl_lacb_1.12_Cover-plates                          | wl_lacb_1.12_Cover-plates.ipt            | Production | A36                                      | 14    |
| 2          |          | 1   | Assembly2-Long André Cargo Bike A                  | Assembly2-Long André Cargo Bike A.iam    |            |  | 15    |
| 2.1        | 11       | 1   | wl_lacb_2.1_Bearing-seat-cone                      | wl_lacb_2.1_Bearing-seat-cone.ipt        | Standard   |  |       |
| 2.2        | 12       | 1   | wl_lacb_2.2_Long-steering-lever                    | wl_lacb_2.2_Long-steering-lever.ipt      | Production | A36                                      | 16    |
| 2.3        | 13       | 1   | wl_lacb_2.3_Handlebar                              | wl_lacb_2.3_Handlebar.ipt                | Production | A36                                      | 17    |
| 2.4        | 14       | 1   | wl_lacb_2.4_Sintered-bearing-housing               | wl_lacb_2.4_Sintered-bearing-housing.ipt | Production | A36                                      | 18    |
| 2.5        | 15       | 1   | wl_lacb_2.5_Angle-handlebar                        | wl_lacb_2.5_Angle-handlebar.ipt          | Production | A36                                      | 19    |
| 2.6        |          | 1   | wl_lacb_2.6_Short-steering-lever                   | wl_lacb_2.6_Short-steering-lever.ipt     | Production | A36                                      | 20    |
| 2.7        | 10       | 1   | wl_lacb_2.7_Shaft-extension                        | wl_lacb_2.7_Shaft-extension.ipt          | Production | A36                                      | 21    |
| 2.8        | 15       | 1   | wl_lacb_2.8_Angle-handlebar                        | wl_lacb_2.8_Angle-handlebar.ipt          | Production | A36                                      | 22    |
| 2.9        | 9        | 1   | wl_lacb_2.9_Steer-tube-1                           | wl_lacb_2.9_Steer-tube-1.ipt             | Standard   |  |       |
| 2.10       |          | 1   | Inner Ring   | ANSI_AFBMA 18.1 NR - 10x15x18 - 2_21.ipt | Standard   | ANSI_AFBMA 18.1 NR - 10x15x18 - 2_21.ipt |       |
| 2.11       |          | 1   | Hex Jam Nut  | ANSI B18.2.4.5M - M10 x 1.5 - 16.ipt     | Standard   | ANSI B18.2.4.5M - M10 x 1.5 - 16.ipt     |       |
| 2.12       |          | 2   | Metric Plain Washers                               | ANSI B18.22M - 10 N.ipt                  | Standard   | ANSI B18.22M - 10 N.ipt                  |       |
| 2.13       |          | 1   | Metric Formed Hex Screw - Formed Hex Screw-Metric  | ANSI B18.2.3.2M - M10x1,5 x 35.ipt       | Standard   | ANSI B18.2.3.2M - M10x1,5 x 35.ipt       |       |
| 2.14       |          | 1   | Broached Hexagon Socket Head Shoulder Screw-Metric | ANSI B18.3.3M - M6x1 x 31,25.ipt         | Standard   | ANSI B18.3.3M - M6x1 x 31,25.ipt         |       |
| 2.15       |          | 1   | Hex Jam Nut  | ANSI B18.2.4.5M - M6 x 1.ipt             | Standard   | ANSI B18.2.4.5M - M6 x 1.ipt             |       |
| 2.16       |          | 2   | Metric Plain Washers                               | ANSI B18.22M - 8 R.ipt                   | Standard   | ANSI B18.22M - 8 R.ipt                   |       |
| 3          |          | 1   | Assembly3-Long André Cargo Bike A                  | Assembly3-Long André Cargo Bike A.iam    |            |  | 23    |
| 3.1        | 17       | 1   | wl_lacb_3.1_Frame-loading-area                     | wl_lacb_3.1_Frame-loading-area.ipt       | Production | A36                                      | 24    |
| 3.2        | 17       | 1   | wl_lacb_3.2_Frame-loading-area                     | wl_lacb_3.2_Frame-loading-area.ipt       | Production | A36                                      | 25    |
| 3.3        | 19       | 1   | wl_lacb_3.3_Mounting-bracket                       | wl_lacb_3.3_Mounting-bracket.ipt         | Production | A36                                      | 26    |
| 3.4        | 18       | 1   | wl_lacb_3.4_Bracket-loading-area                   | wl_lacb_3.4_Bracket-loading-area.ipt     | Production | A36                                      | 27    |
| 3.5        | 18       | 1   | wl_lacb_3.5_Bracket-loading-area                   | wl_lacb_3.5_Bracket-loading-area.ipt     | Production | A36                                      | 28    |

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|--|----------------------------|--|--------------------------|--------------------|--|
| PROJECT<br><b>LONG ANDRE CARGO BIKE A</b>  |                            | CREATED BY<br>A. PARDO                             | APPROVED BY<br>D. Jaeger |                    |  |
| PART NAME<br>Long André Cargo Bike A   |                            | PART CODE<br>B1                                    | DOCUMENT TYPE            | MATERIAL           |  |
|  <p>Open Source Ecology e.V.<br/>Knobelsdorffstr. 22<br/>14059 Berlin<br/>www.ose-germany.de<br/>+49 (0) 30 / 92282426</p> <p>OPEN SOURCE ECOLOGY<br/>GERMANY</p> | LICENSE<br><b>CERN-OHL</b> | FILE NAME<br>part-list-Long André Cargo Bike A.iam | VERSION<br>1.0           | QUANTITY           |  |
|  |                            | SCALE<br>1 / 100                                   | SHEET<br>3               | DATE<br>30/12/2020 |  |