|  |  |
| --- | --- |
|  **Part ID** |  |
| BRICKS |
| 1X2 (8) |  |
| 3 color bricks |  |
| 1X2 w/ axle hole (2) |  |
| 2X2 (4) |  |
| LIFT ARMS |
| 3X5 plate 4 | √ |
| 2X4-4 | √ |
| 3X5-8 | √ |
| 4X6-4 | √ |
| 3X7-4 | √ |
| PLATES |
| 1X2 Tile-2 |  |
| 1X2-4 |  |
| 1X4-4 |  |
| 2X4-2 | √ |
| 2X6-2 | √ |
| 2X8-2 | √ |
| BEAMS |
| 3 hole – 10 | √ |
| 5 hole – 4 | √ |
| 7 hole – 4 | √ |
| 9 hole – 6 | √ |
| 11 hole – 2 | √ |
| 13 hole – 2 | √ |
| 15 hole - 4 | √ |
| STUDDED BEAMS |
| 1X2 w/ Holes- 4 |  |
| 1X4 – 4 | √ |
| 1X6 – 4 | √ |
| 1X8 – 4 | √ |
| 1X16 - 4 | √ |
| GEARS |
| 8 teeth (gray)– 4 | √ |
| 16 teeth(gray) – 4 | √ |
| 24 teeth (gray) – 4 | √ |
| 40 teeth (gray)- 2 | √ |
| 12 teeth (black)– 4 | √ |
| 20 teeth (yellow)– 2 | √ |
| 36 teeth (black)- 2 | √ |
| Crown (gray)– 2 | √ |
| Knob - 4 | √ |
| Worm - 2 | √ |
| Turntable – 1 |  |
| Coupler – 4 | √ |
| Crank – 2 | √ |
| Bushing (gray)- 10 |  |
| ½ bushing (yellow)- 10 |  |
| PEGS |
| 1X2 (black)– 60 |  |
| 1X3 (blue)- 36 |  |
| 1X3 w/bushing (black)- 8 | √ |
| Axle peg (yellow) - 8 |  |
| Friction axle peg (blue) - 10 |  |
| JOINERS-AXLE |
| 1X2 - 20 | √ |
| 2X2 - 2 | √ |
| 1X3 w/ 2 axle holes - 8 | √ |
| 1X3 w/ 1 axle hole - 4 | √ |
| JOINERS - BEAM |
| 2X3 - 2 | √ |
| 3X3 – 2+ | √ |
| 4X4 L – 6+ | √ |
| Straight - 2 | √ |
| AXLES |
| 2 stud (red) - 8 |  |
| 3 stud - 14 | √ |
| 4 stud - 6 | √ |
| 5 stud - 8 | √ |
| 5.5 w/stop - 2 | √ |
| 6 stud – 4 | √ |
| 8 stud – 2 | √ |
| 10 stud – 2 | √ |
| 12 stud - 2 | √ |
| NXT Brick (1) |  |
| Battery (1) |  |
| Motors (3) |  |
| Ultrasonic sensor (1) | √ |
| Sound sensor (1) | √ |
| Light sensor (1) | √ |
| Touch sensor (2) | √ |
| Minifigure |  |
| Hat |  |
| Hair |  |
| BELTS |
| Large-yellow-2 |  |
| Med-red 2 |  |
| WIRES |
| 20 cm 1 |  |
| 35 cm 4 |  |
| 50 cm 2 |  |
| USB cord |  |
| Jump drive |  |
| WHEELS |
| Thin tire – 4 | √ |
| Thin hub – 4 | √ |
| Small Wheels 2 | √ |
| Medium Knobby – 4 |  |

* NXT book matches kit number
* 2 placards match kit number
* Battery matches kit number

Kit # \_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_