

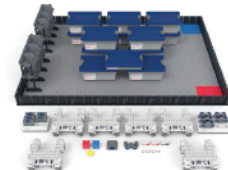
PRODUCT COMPARISON



BPR Kit
760-0912



BPR Class Pack
760-0922



BPR Classroom Competition Pack
760-0927



Sphero Robotics Competition BPR Kit
760-0947

CONTENTS

Robot Components

Blueprint Robotics Swerve Drive Robot	1	6	6	1
Blueprint Robotics Controller	1	6	6	1
Blueprint Robotics Battery	1	6	6	1
Blueprint Robotics USB-C Cable	2	6	6	2

Printed Materials

Blueprint Robotics Quick Start Guide	1	6	6	1
Blueprint Robotics Legal Guide	1	6	6	1
Blueprint Robotics Rapid Robot Cards	1	6	6	1
Blueprint Robotics Classroom Poster		1	1	
Blueprint Robotics Charger Legal Guide		1	1	

Electronics

Blueprint Robotics North Magnet	2	14	14	2
Blueprint Robotics South Magnet	2	14	14	2
Blueprint Robotics Magnetic Proximity Switch	2	12	12	2
Blueprint Robotics Beam Break Sensor	1	6	6	1
Blueprint Robotics Distance Sensor	1	6	6	1
Blueprint Robotics 200mm Wire	2	12	12	2
Blueprint Robotics 300mm Wire				1
Blueprint Robotics 400mm Wire	2	12	12	2
Blueprint Robotics 600mm Wire	1	6	6	2
Blueprint Robotics 1000mm Wire	2	12	12	2
Blueprint Robotics High-Speed Motor	2	13	13	3
Blueprint Robotics High-Torque Motor	1	7	7	2

Multi-Chargers

Blueprint Robotics Battery Multi-Charger		1	1	
Blueprint Robotics Controller Multi-Charger		1	1	

Mechanical Parts

Blueprint 1x Lock Turntable	4	28	28	8
Blueprint 1x Lock Hinge	4	28	28	4
Blueprint 1x Pitch Truss	6	38	38	6
Blueprint 2x Pitch Truss	12	74	74	12
Blueprint 3x Pitch Truss	12	74	74	12
Blueprint 4x Pitch Truss	8	50	50	8
Blueprint 5x Pitch Truss	8	50	50	8
Blueprint 6x Pitch Truss	4	26	26	4
Blueprint 7x Pitch Truss	4	26	26	4
Blueprint 9x Pitch Truss	4	26	26	4
Blueprint 11x Pitch Truss	4	26	26	4
Blueprint 13x Pitch Truss	6	38	38	6
Blueprint Connector	200	1275	1275	250
Blueprint Shaft Lock	6	42	42	12
Blueprint Shaft Bearing	30	186	186	30
Blueprint Gear, 20T	4	26	26	6
Blueprint Gear, 60T	2	14	14	4
Blueprint 3x Pitch Shaft	2	14	14	5
Blueprint 4x Pitch Shaft	2	14	14	5

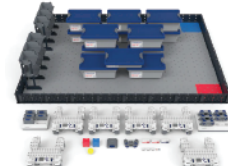
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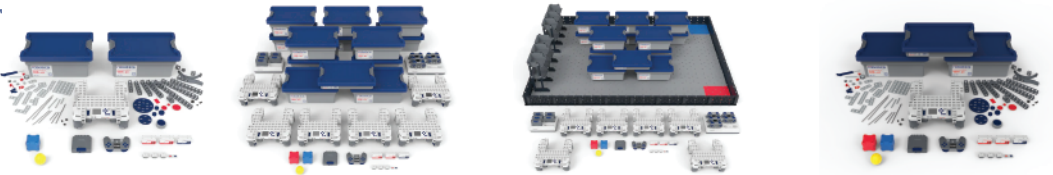


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Mechanical Parts (continued)				
Blueprint 5x Pitch Shaft	4	26	26	5
Blueprint 6x Pitch Shaft	2	14	14	4
Blueprint 0.5x Pitch Shaft Collar	30	190	190	50
Blueprint 0.25x Pitch Collar	20	130	130	30
Blueprint 1x2 Plate	2	12	12	6
Blueprint 1x3 Plate	2	12	12	6
Blueprint 1x4 Plate	4	24	24	6
Blueprint 1x5 Plate	2	12	12	6
Blueprint 2x3 Plate	2	12	12	4
Blueprint 3x3 90° Angle Plate	4	24	24	4
Blueprint 2x3 Tee Plate	4	24	24	4
Blueprint 3x5 Tee Plate	3	18	18	4
Blueprint 7x Pitch Shaft	2	12	12	2
Blueprint 9x Pitch Shaft	2	12	12	2
Blueprint 11x Pitch Shaft	2	12	12	2
Blueprint Gear, 100T	2	12	12	2
Blueprint 5x5 Plate	4	24	24	4
Blueprint Wire Clamp	4	30	30	8
Blueprint 8T Sprocket	14	88	88	16
Blueprint 16T Sprocket	4	24	24	8
Blueprint 24T Sprocket	2	12	12	6
Blueprint Chain Link	265	1640	1640	265
Blueprint Flap Attachment Chain Link	14	104	104	174
Blueprint Truss Attachment Chain Link	4	34	34	10
Blueprint 1.5x Pitch Flap	14	94	94	24
Blueprint High-Strength Shaft Collar	8	56	56	12
Blueprint 60mm Foam Ball, Soft (Yellow)	1	7	7	1
Blueprint 2x Pitch Plastic Capped Shaft	4	30	30	8
Blueprint 3x Pitch Plastic Capped Shaft	4	30	30	8
Blueprint 4x Pitch Plastic Capped Shaft	4	30	30	8
Blueprint Anchor	4	26	20	12
Blueprint 3-4-5 Triangle Plate	4	30	26	4
Blueprint Connector Lock	4	28	30	12
Blueprint Truss and Plate Retainer	4	30	28	20
Blueprint 1x Pitch Half Truss	3	18	30	12
Blueprint Curved Track	8	54	18	3
Blueprint 1x1 Wedge Truss	1	8	54	8
68mm Block (Blue)	1	7	17	1
Blueprint Robotics Tool	10	70	7	1
Rubber Band, 80mm x 5mm, Silicone	6	36	70	20
Blueprint 24mm Flex Wheel	6	48	36	8
Blueprint 33mm Flex Wheel	8	26	48	8
Blueprint Elevator Inline Bearing Block	4	12	26	8
Blueprint 7x Pitch End Effector Truss	2	24	12	2
Blueprint 60mm Traction Wheel	4	2	24	4
Blueprint 8x Pitch Truss		2	2	4
68mm Block (Red)		2	11	
Blueprint 10x Pitch Truss				4
Blueprint Pulley, Ø30mm				2
Blueprint 1x7 Plate				4
Blueprint 2x4 Plate				4

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BPR Class Pack

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BPR Classroom Competition Pack

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Mechanical Parts (continued)				
Blueprint 2x2 30° Angle Plate				4
Blueprint 2x2 45° Angle Plate				4
Blueprint 2x2 60° Angle Plate				4
Blueprint 2x2 90° Angle Plate				4
Blueprint 8x Pitch Shaft				2
Blueprint 10x Pitch Shaft				2
Blueprint Gear, 40T				4
Blueprint Gear, 80T				2
Blueprint Catapult End Effector				2
Blueprint 3x3 Plate				2
Blueprint Rack Gear				2
Blueprint 32T Sprocket				2
Blueprint 40T Sprocket				4
Blueprint 3x Pitch Flap				24
Blueprint Ring Tool				1
Blueprint Spool				2
Blueprint 5x Pitch Rubber Band				10
Blueprint 7x Pitch Rubber Band				10
Blueprint 150mm Rope				2
Blueprint 250mm Rope				2
Blueprint 500mm Rope				2
Blueprint 44mm Flex Wheel				8
Competition Field Elements				
Blueprint Field Tile (Grey)			46	
Blueprint Field Tile (Red)			2	
Blueprint Field Tile (Blue)			2	
Blueprint Field Wall Assembly			40	
Blueprint Field Corner			8	
Blueprint Field Wall Section			3	
Blueprint Field Goal Foot Assembly			8	
Blueprint Field Goal Upright			16	
Blueprint Field Goal Basket			12	
Blueprint Field Goal Support Bracket			8	

LOOKING FOR ANOTHER SETUP?

The BPR Swerve Drive Robot & Controller and BPR Parts Kit are also available separately, along with an SRC Upgrade Kit for existing BPR Kits. Class Packs with storage carts are also available.

Explore all configurations at
sphero.com

