

Part Number	Quantity	Name	Comment	Link
0		1 Robot Arm		
010		1 Base Assembly		
	011	1 Base Wall	FDM 3D-Print	
	012	1 Base Cover	FDM 3D-Print	
	013	1 Base Bracket	FDM 3D-Print	
	014	1 Bowden Pulley	SLA 3D-Print	
	015	6 ISO 10642 M4x16	Countersunk	
	016	12 ISO 7046 M2x6	Robotis Part	<a href="http://en.robotis.com/shop_en/item.php?it_id=903-0056-000#sit_inf">http://en.robotis.com/shop_en/item.php?it_id=903-0056-000#sit_inf</a>
	017	2 ISO 4762 M3x16		
	018	2 ISO 4032 NUT M3		
	019	8 ISO 4032 NUT M2	Robotis Part	
	040	2 Dynamixel AX-12A	Robotis Part	<a href="https://www.robotis.us/dynamixel-ax-12a/">https://www.robotis.us/dynamixel-ax-12a/</a>
	070	1 Zip Tie		
	071	2 Robot Cable-3P 200mm	Robotis Part	<a href="https://www.robotis.us/robot-cable-3p-200mm-10pcs/">https://www.robotis.us/robot-cable-3p-200mm-10pcs/</a>
	072	1 Usb2dynamixel	Robotis Part	<a href="https://emanual.robotis.com/docs/en/parts/interface/usb2dynamixel/">https://emanual.robotis.com/docs/en/parts/interface/usb2dynamixel/</a>
	073	1 Power Supply 12V, 2A		
	074	1 USB Extension Cable		
	075	5ml Loctite	Apply to 016,024	
020		1 Bottom Link Assembly		
	021	1 Link	SLA 3D-Print	
	022	1 Washer	SLA 3D-Print	
	023	1 FP04-F3	Robotis Part	<a href="https://www.robotis.us/fp04-f3-10pcs/">https://www.robotis.us/fp04-f3-10pcs/</a>
	024	1 ISO 4762 M3x12	Robotis Part	
	016	16 ISO 7046 M2x6	Robotis Part	
	071	2 Robot Cable-3P 200mm	Robotis Part	<a href="https://www.robotis.us/robot-cable-3p-200mm-10pcs/">https://www.robotis.us/robot-cable-3p-200mm-10pcs/</a>
	075	5ml Loctite	Apply to 016,024	
	040	1 Dynamixel AX-12A	Robotis Part	
030		1 Top Link Assembly		
	021	1 Link	SLA 3D-Print	
	022	1 Washer	SLA 3D-Print	
	040	2 Dynamixel AX-12A	Robotis Part	
	016	8 ISO 7046 M2x6		
	024	1 ISO 4762 M3x12		
	071	1 Robot Cable-3P 200mm	Robotis Part	
	075	5ml Loctite	Apply to 016,024	
050		1 Gripper Assembly		
	051	1 Bowden Tube	length ca. 500m, inside d: 2mm, outside d:4mm	
	052	1 Gripper Base Plate	SLA 3D-Print	
	053	1 Bowden Tube Clamp	SLA 3D-Print	
	054	2 Gripper Fingers	SLA 3D-Print	
	055	2 Gripper Tips	SLA 3D-Print	
	056	1 Bowden Roller	SLA 3D-Print	
	057	1 FP04-F2	Robotis Part	<a href="http://en.robotis.com/shop_en/item.php?it_id=903-0036-001">http://en.robotis.com/shop_en/item.php?it_id=903-0036-001</a>
	058	1 AX123_Bushing-F (BPF-BU)	Robotis Part	
	059	2 ISO 4762 M3x20		
	060	1 ISO 10642 M3x25		
	061	2 ISO 10642 M3x30		
	062	7 NUT M3 Thread Locking		
	063	1 Bowden Cable	length ca. 500m, outside d:2mm	
	064	2 Rubber Bands	length ca. 200mm	
	065	3 Cable Crimp	endstop for bowden cable	