

## Sourcing the parts

Although Lego parts can be bought from various sources, including ebay, that's not the way to buy specific parts.

There is a site called 'Bricklink' which is effectively an index of sites selling Lego sets and individual Lego parts, both new and used. They currently list 11,846 stores and 4,448 different parts.

[Guide to Bricklink](#)

**Bricklink:** [Inventory of parts](#)

[On line stores by continent and country](#)

Although it's easy to find the part you want at the cheapest price, some care is needed when making up a shopping list. Each site is independent and will add delivery charges, so minimising the number of sites you buy from is a priority. Look for sites supplying the less common items such as the motors or Technics parts and see if you can get most of those from a single site. Plates and bricks are the easiest items to find, so leave those until last.

There are two ways to select a store:

- 1: Select the continent and country to bring up a list of stores This will bring up a list of stores with the number of items they stock Click on a store with a large range and see if they have the parts you want (Looking at their Technics selection is a good indication)
- 2: Click the part number you want in the table below Click the [Items for sale] tab This will bring up a list of stores that have the item you want and their location The store name is followed by a little icon of a 1 x 1 brick Ignore those with a red icon, that store doesn't ship to your country. Select a store (note the minimum buy amount) and click [View] You can now view that store's stock of parts to see what other items are available

Half the cost of this build is the 10 x 16 base boards. Consider omitting these items and, instead, screwing or gluing the 4 x 10 plates to a wooden base board, one at the left and the other two at the right, as shown in the building instructions

Part Description	Part Number	Average Price	Motor type and construction step												Totals		Costs		
			Both	Geared				Non-Geared					Both			Geared	Non Geared	Geared	Non Geared
				1	2	3	4	2g	3g	4g	5g	6g	5/7g	6/8g	7/9g				
Baseplare, 10 x 16	<a href="#">bp01</a>	£2.54	4												4	4	£10.16	£10.16	
Plate 1 x 2	<a href="#">3023</a>	£0.02									2				0	2	£0.00	£0.04	
Plate 1 x 3	<a href="#">3623</a>	£0.03			3			3							3	3	£0.09	£0.09	
Plate 1 x 4	<a href="#">3710</a>	£0.02			2	1		2							3	2	£0.06	£0.04	
Plate 1 x 6	<a href="#">3666</a>	£0.03					1								0	1	£0.00	£0.03	
Plate 1 x 8	<a href="#">3460</a>	£0.05	1												1	1	£0.05	£0.05	
Plate 2 x 3	<a href="#">3021</a>	£0.03											1		1	1	£0.03	£0.03	
Plate 2 x 4	<a href="#">3020</a>	£0.04	1			1	2								2	3	£0.08	£0.12	
Plate 2 x 6	<a href="#">3795</a>	£0.03										1			0	1	£0.00	£0.03	
Plate 4 x 10	<a href="#">3030</a>	£0.16	3												3	3	£0.48	£0.48	
Brick 1 x 2	<a href="#">3004</a>	£0.02	2												2	2	£0.04	£0.04	
Brick 1 x 6	<a href="#">3009</a>	£0.04			2		3								2	3	£0.08	£0.12	
Brick 1 x 8	<a href="#">3008</a>	£0.60					1	2					3		3	6	£1.80	£3.60	
Brick 2 x 3	<a href="#">3002</a>	£0.03	2												2	2	£0.06	£0.06	
Brick 2 x 4	<a href="#">3001</a>	£0.04		2			2								2	2	£0.08	£0.08	
Brick, round 1 x 1	<a href="#">3062b</a>	£0.04											2		2	2	£0.08	£0.08	
Electric Motor	<a href="#">x496b</a>	£2.93		1											1	0	£2.93	£0.00	
Electric Motor	<a href="#">6216m</a>	£1.99								1					0	1	£0.00	£1.99	
Technic Brick 1 x 4	<a href="#">3701</a>	£0.03				1			1						1	1	£0.03	£0.03	
Technic Brick 1 x 6	<a href="#">3894</a>	£0.05				2		1	1		1	1			4	4	£0.20	£0.20	
Technic Brick 1 x 8	<a href="#">3702</a>	£0.08		1	1				1						2	1	£0.16	£0.08	
Technic Gear 8 tooth	<a href="#">3647</a>	£0.06		1					3	1					1	4	£0.06	£0.24	
Technic Gear 24 tooth	<a href="#">x187</a>	£0.15							1				2		2	3	£0.30	£0.45	
Technic Gear 40 tooth	<a href="#">3649</a>	£1.00				2		2	1		1				3	4	£3.00	£4.00	
Technic Bush	<a href="#">3713</a>	£0.02		1					1		1	2			4	4	£0.08	£0.08	
Technic Bush 1/2 Toothed Type I	<a href="#">4265a</a>	£0.03		1		2		2			2	2			7	6	£0.21	£0.18	
Technic Axle 4	<a href="#">3705</a>	£0.02				1		1	1		1	3			5	6	£0.10	£0.12	
Technic Axle 6	<a href="#">3706</a>	£0.02		1					1						1	1	£0.02	£0.02	
Technic Axle Connector	<a href="#">6538b</a>	£0.05		2											2	0	£0.10	£0.00	
Technic Axle Pin	<a href="#">3749</a>	£0.02							1						0	1	£0.00	£0.02	
Technic Pin	<a href="#">3673</a>	£0.02				4		4							4	4	£0.08	£0.08	
Technic Plug	<a href="#">766c01</a>	£1.40												1	1	1	£1.40	£1.40	
Technic Switch	<a href="#">4352</a>	£0.80												1	1	1	£0.80	£0.80	

Totals: £22.56 £24.74