

## 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.

<http://guidetobricklink.com/>

**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.

## Parts Required

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
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	2	£0.10	£0.10
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

Totals: **£20.36** **£22.64**