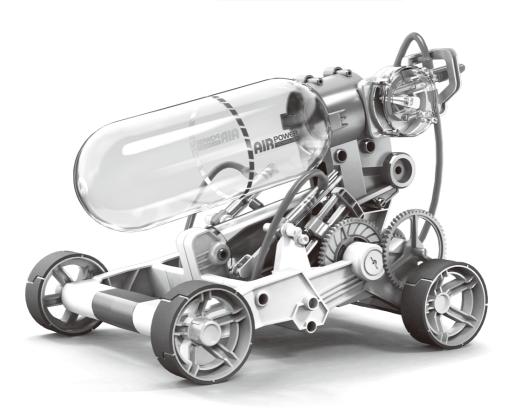








SCREAMER



ASSEMBLY & INSTRUCTION MANUAL

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Introduction

This amaz ng vehicle is fat and furious -and powered by AIR!

Watch and learn as comprese d air exp lodes out of the tank to run a pneumatic motor powering gears and moving your vehicle. Comprese d air vehicles have been in the works for years with functional locomotives in the 1870's and cars in early 20th century. This is the technology behind the fantate ic vehicle that is the Air Screamer. Pump up the volume of air. Fill the tank one crank at a time.

The crank is built into the Air Screamer's body. Safety valves are in place that bleed off over pumped air and eliminate the pos bility of dia s er. If you crank too much, the a fety valve lets out air until the tank reaches optimum pres re.

Ase mbly and operation is a breez. A pump-up bar with a prest remeter is built into the car for east operation. This meter meast rest he volume of comprest dair. The is licon tube (red in color) creates an air tight fit. When the air chamber is full, you can releast the comprest dair; the air then est and drives the vehicle a distance up to 165 Feet (50 meterst in 35 e condst The Air Screamer is amazingly fun and requires no batteries or pecific weather conditions to limit its use ge. Use construct, fill with air, and get ready to watch it per om!

For builders ages 10 and up.

Tools You May Need















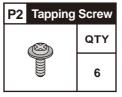


Mechanical Parts List

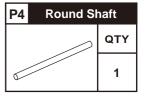


- Important: If any parts are missing or damage, DO NOT RETURN TO THE RETAILER. E-mail us at support@elenco.com or call (800) 533-2441
- Product contains functional edges and sharp points.

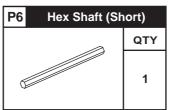
P1 Tapping Screw		
	QTY	
	20	

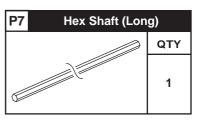


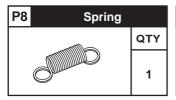
P3 Round Shaft		
		QTY
5		1



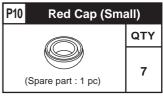


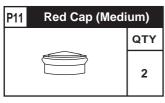


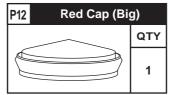


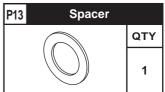


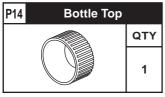


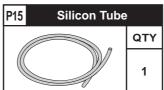


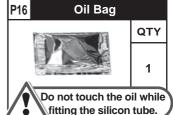


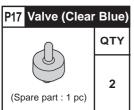


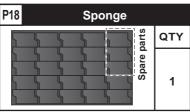


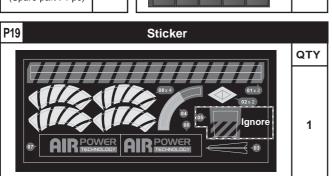


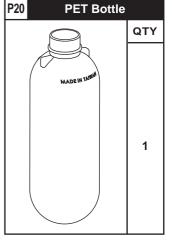






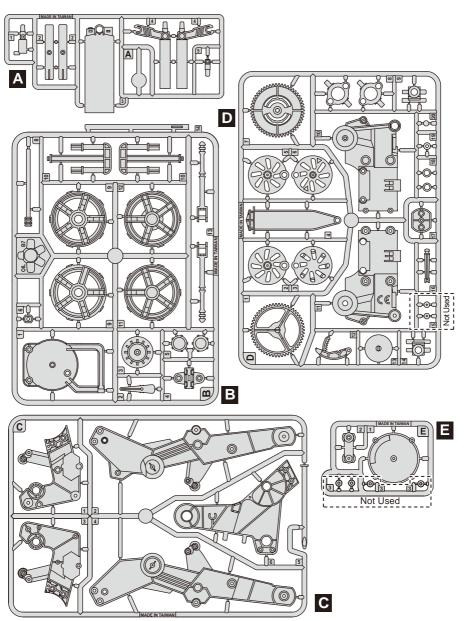


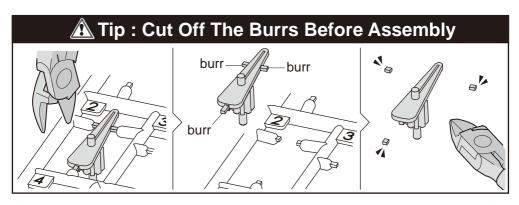


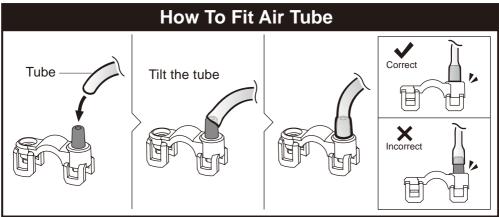


Plastic Parts

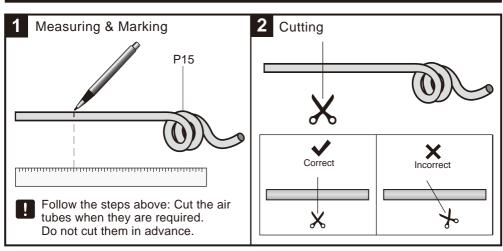
Cut the plastic parts when they are required. Do not cut them in advance.



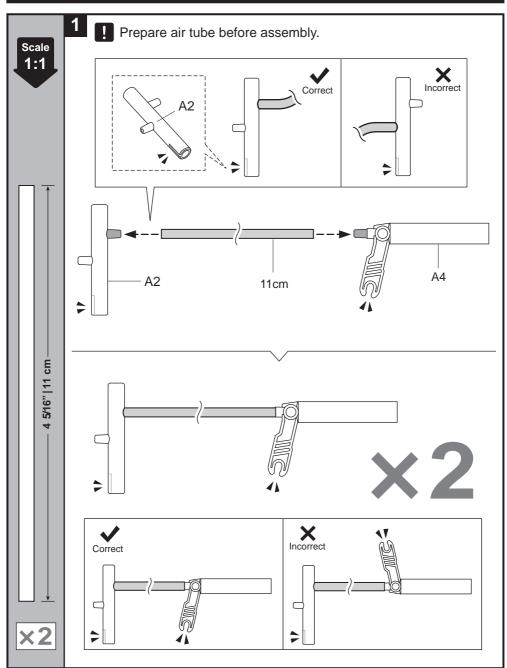


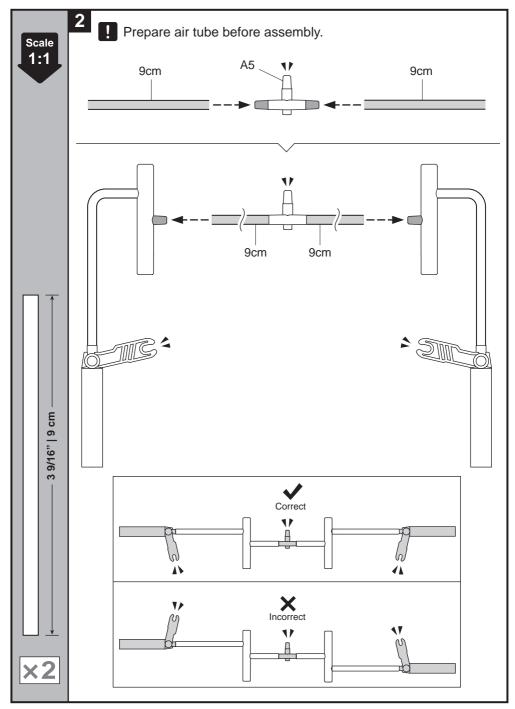


How To Cut Air Tube

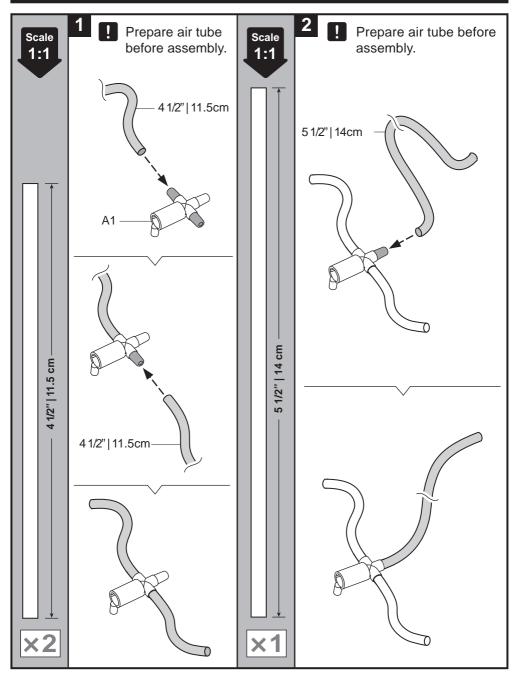


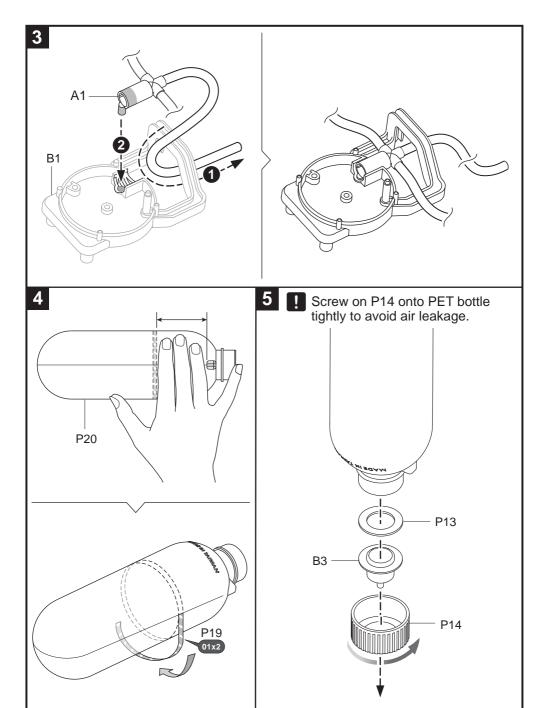
Tube Module A Assembly

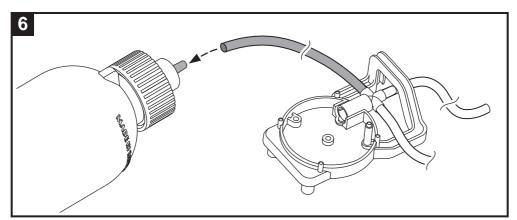


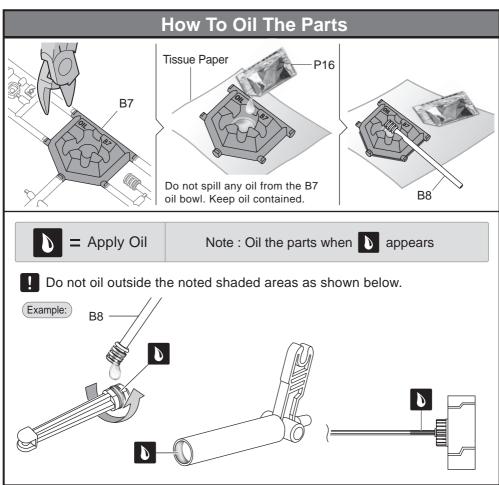


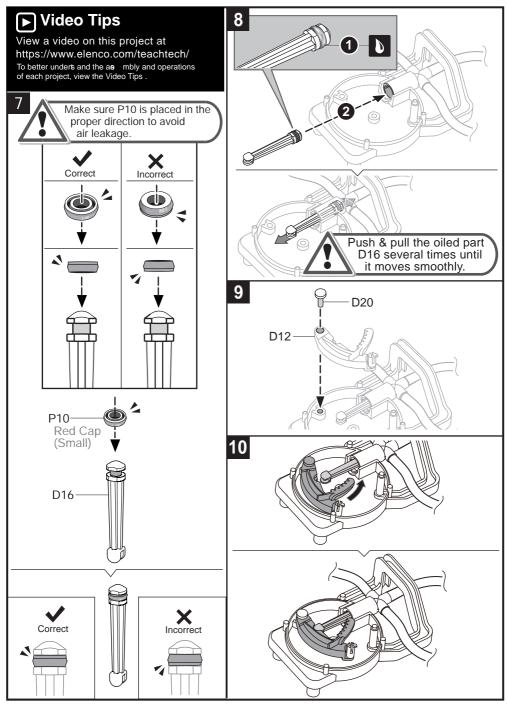
Tube Module B Assembly

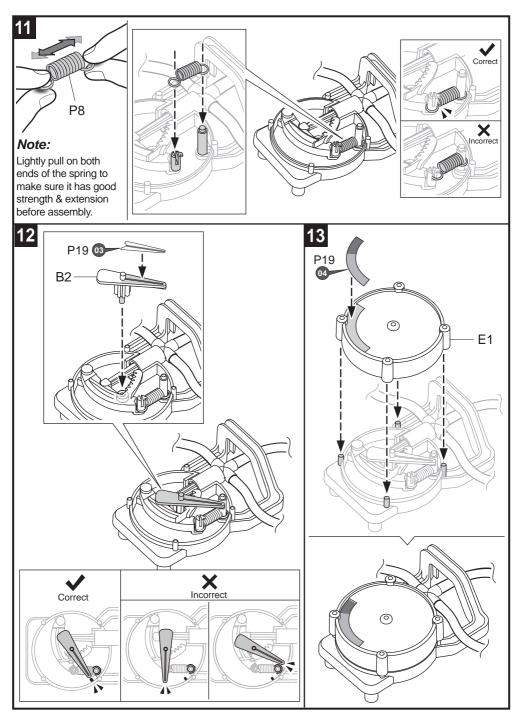










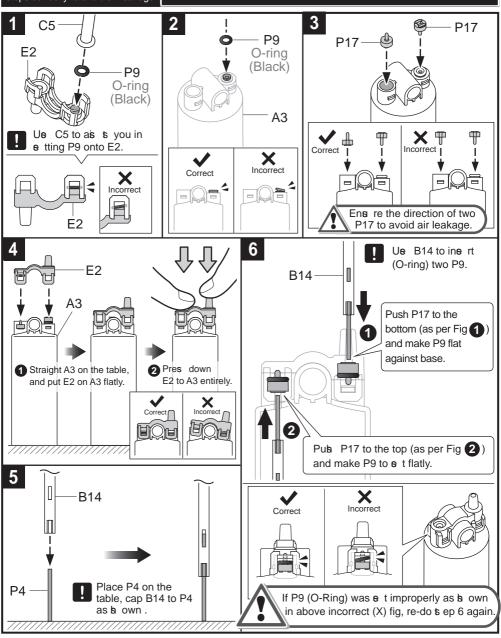


Valve Assembly

▶ Video Tips

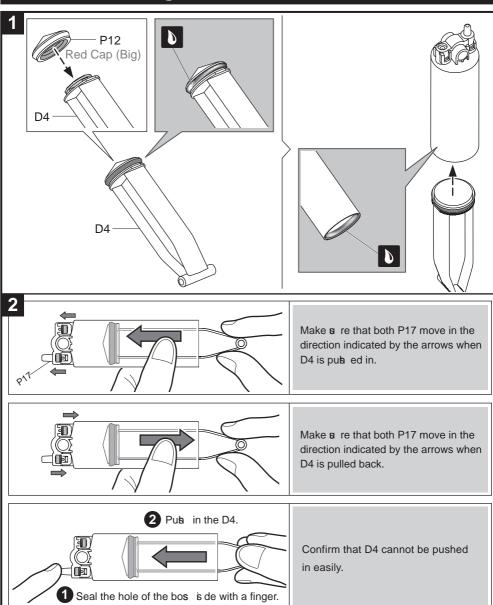
Pay close attention to the following steps correctly to avoid air leakage.

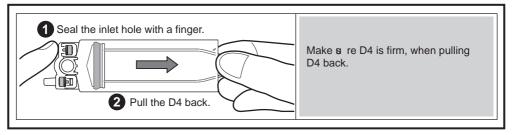
View a video on this project at https://www.elenco.com/teachtech/

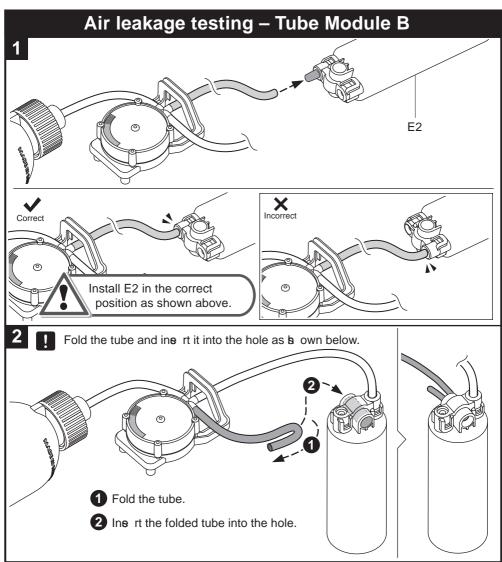




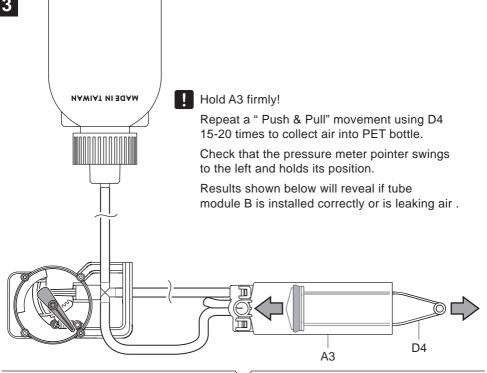
Testing Air Leaks – The Valve

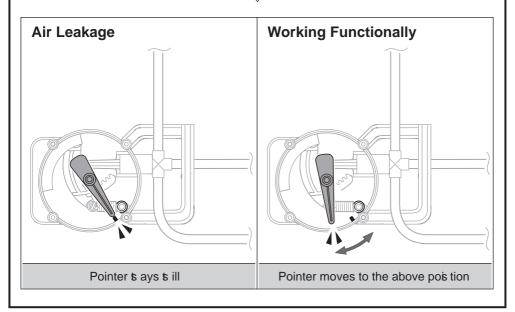


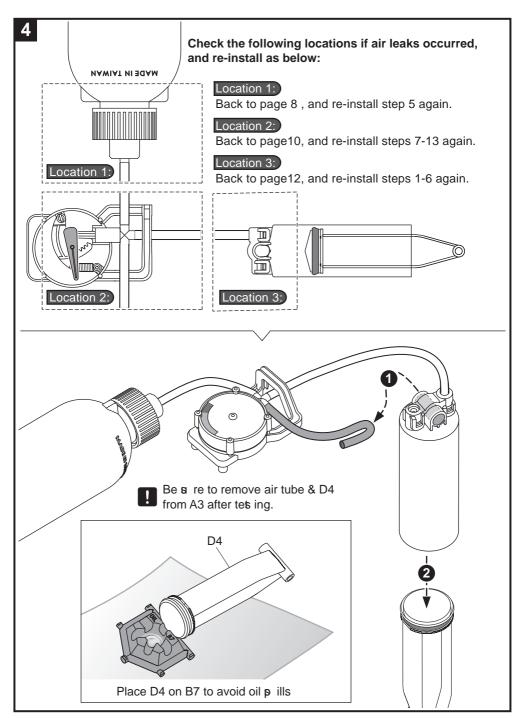




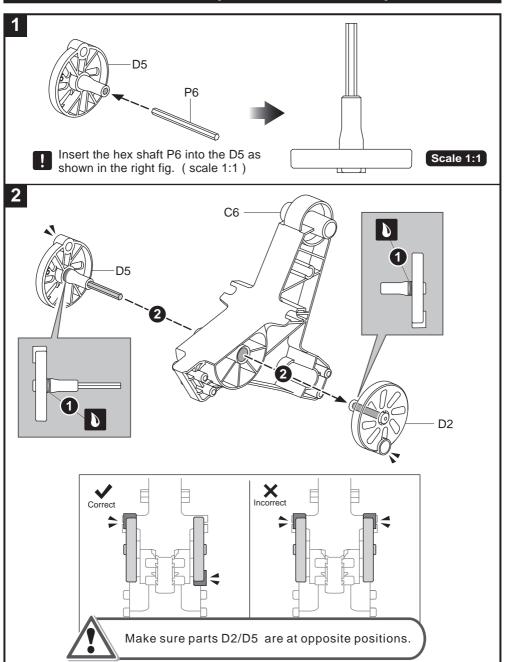


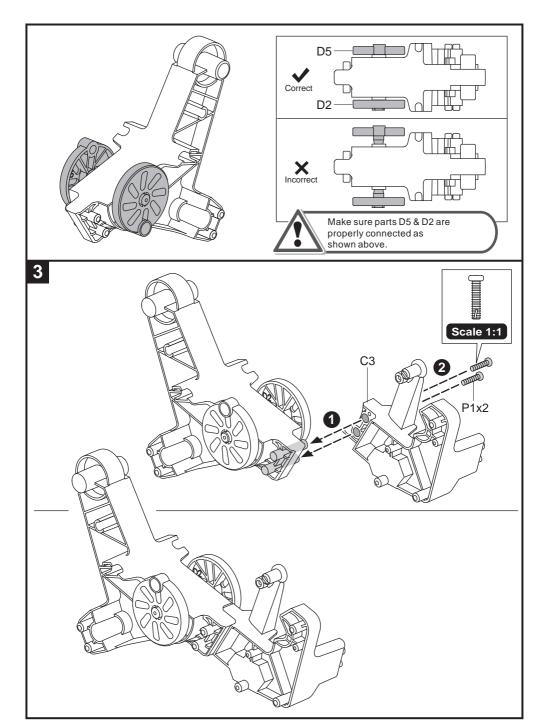


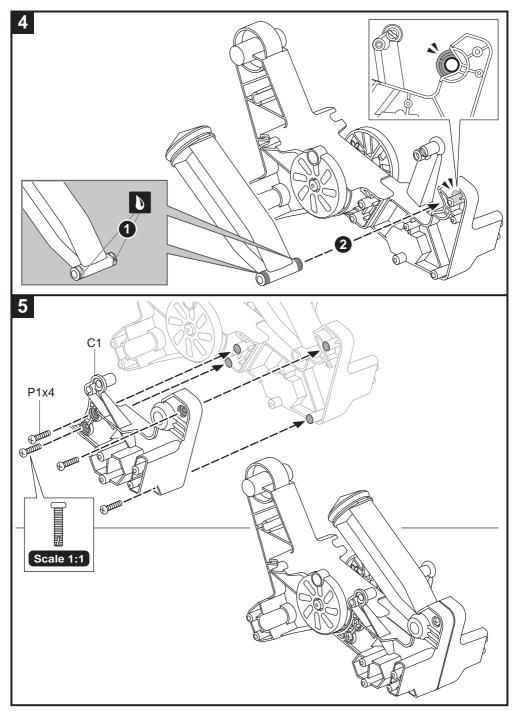


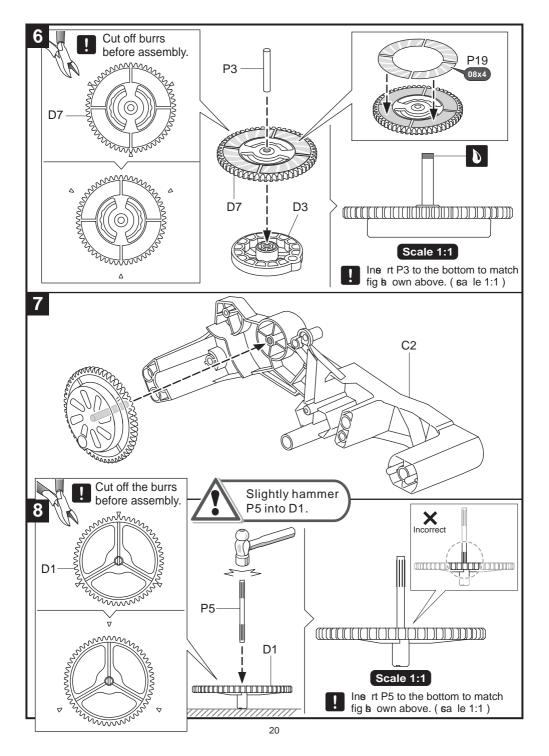


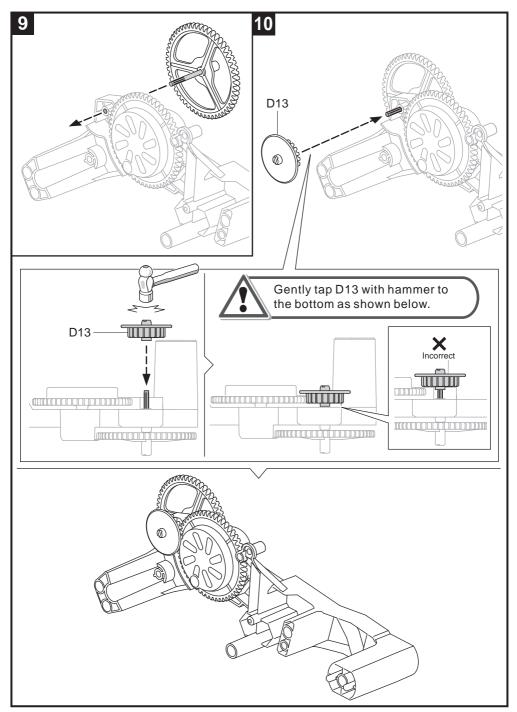
Vehicle Body Module Assembly



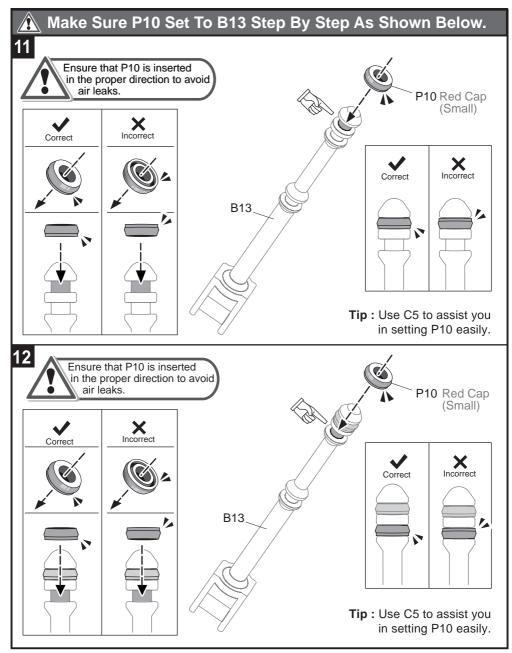


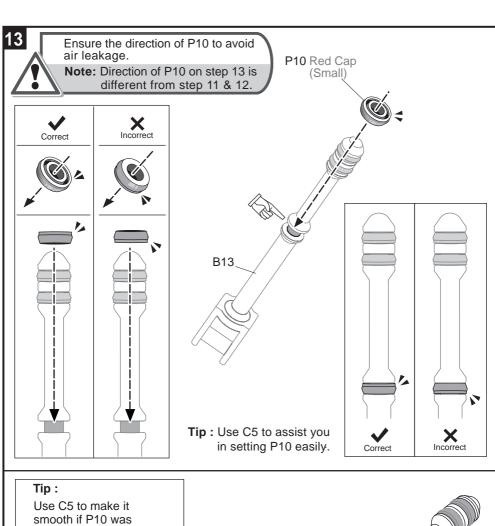


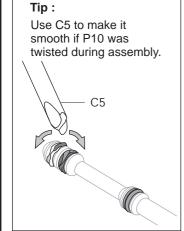


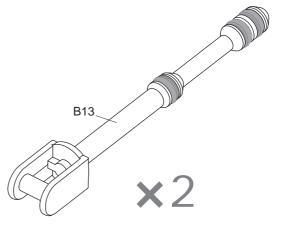


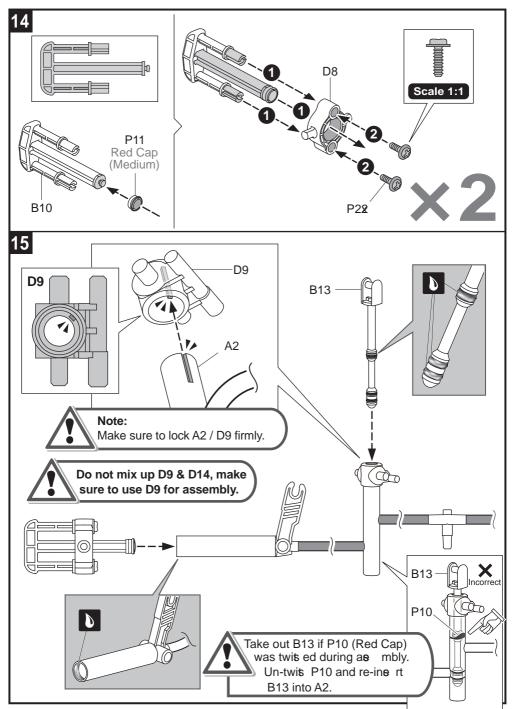


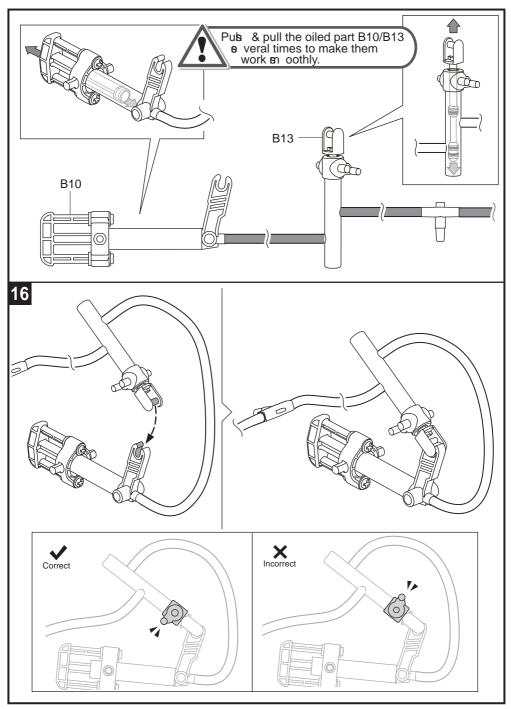


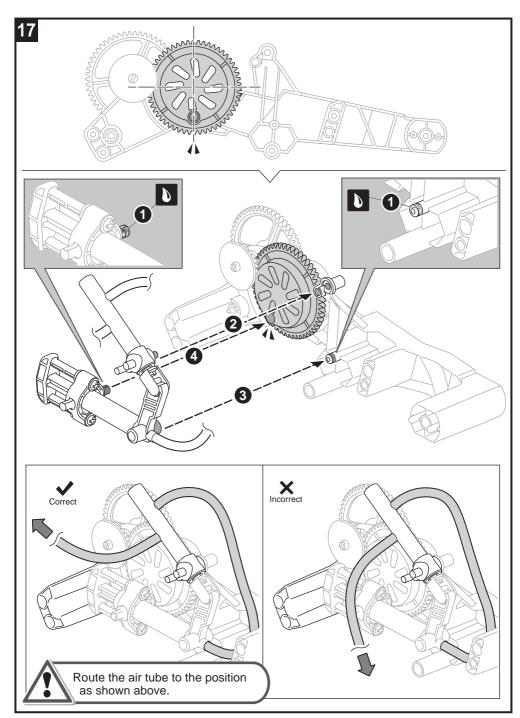


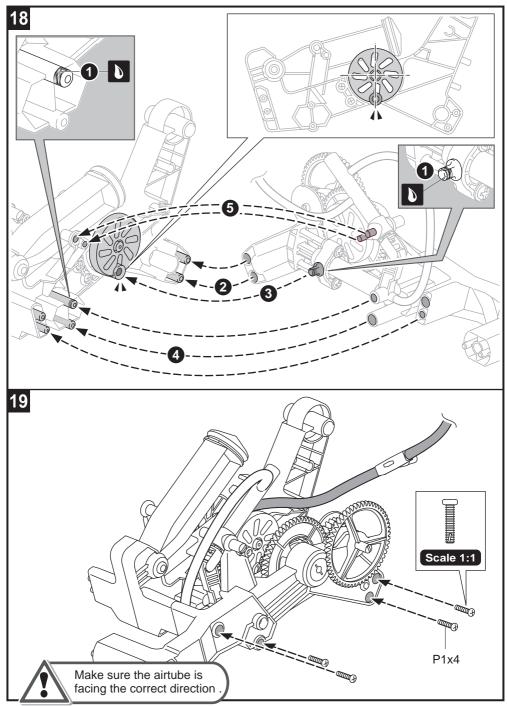


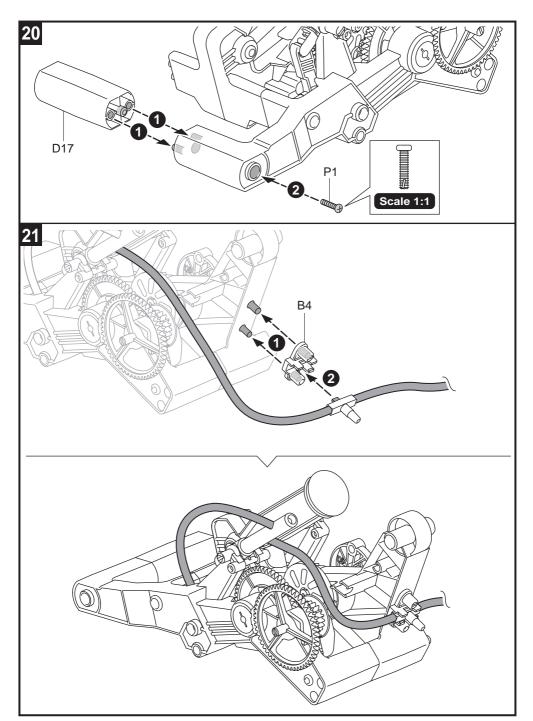


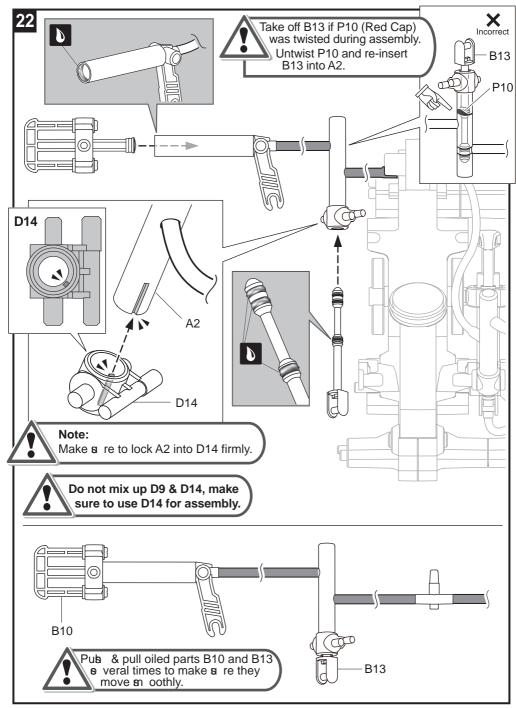


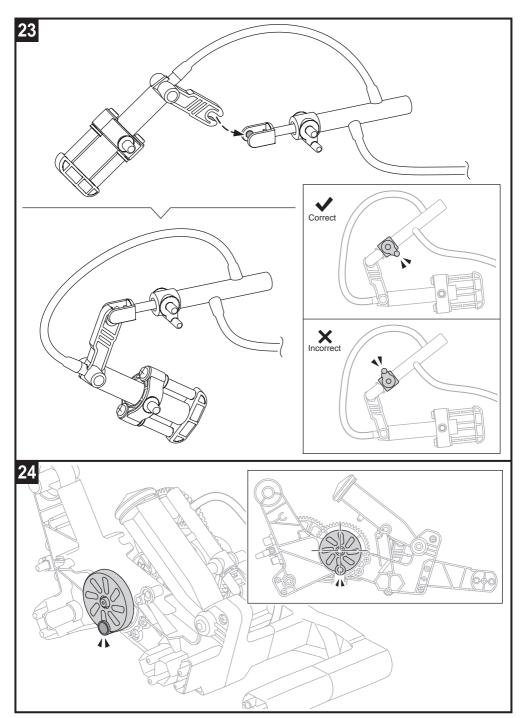


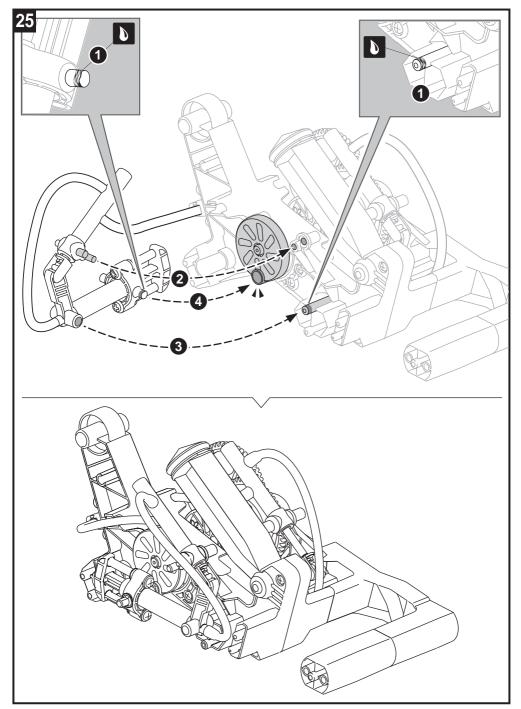


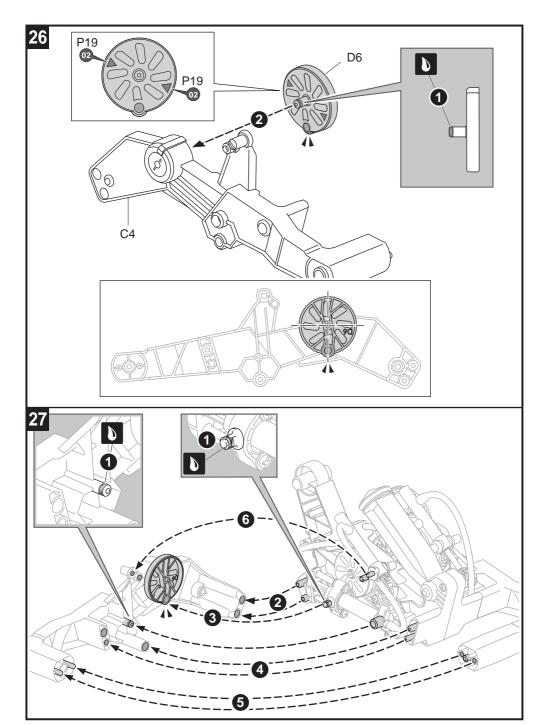


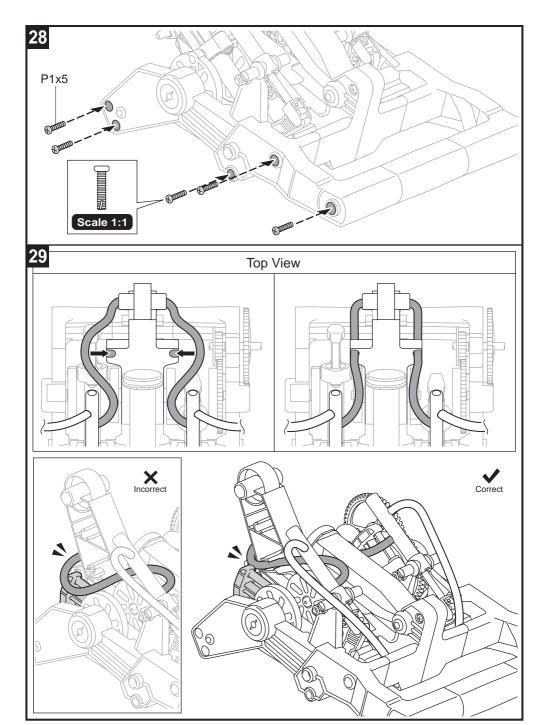


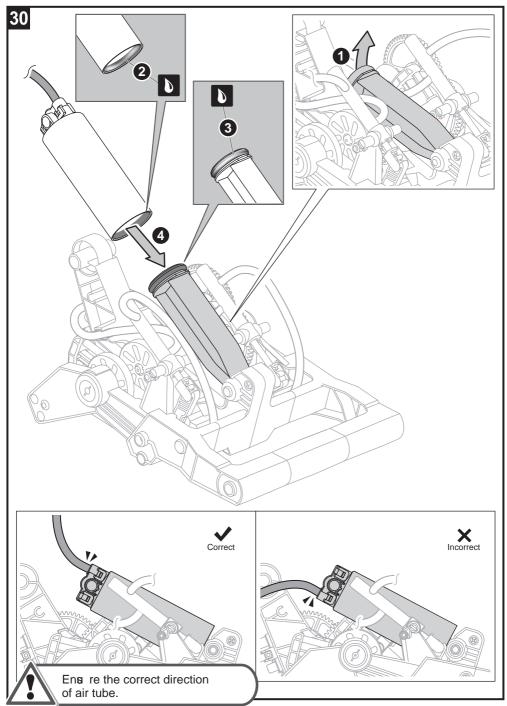


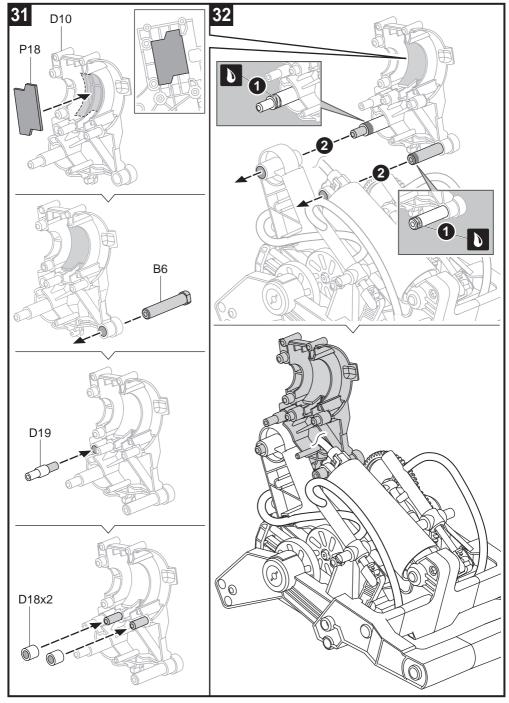


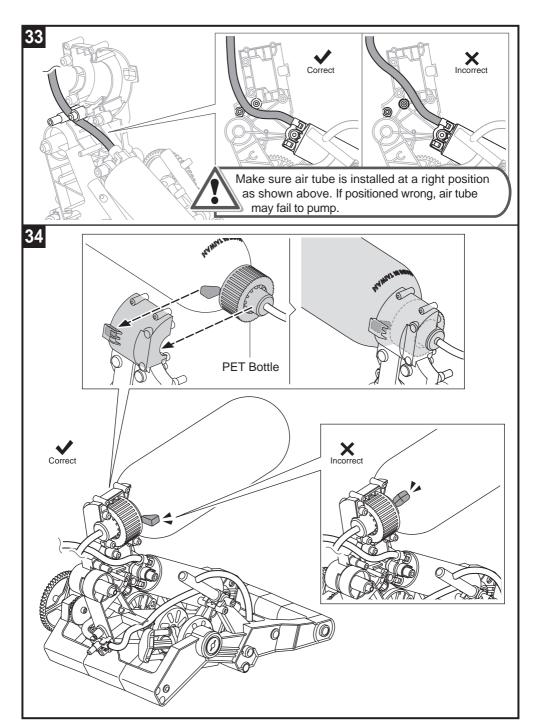


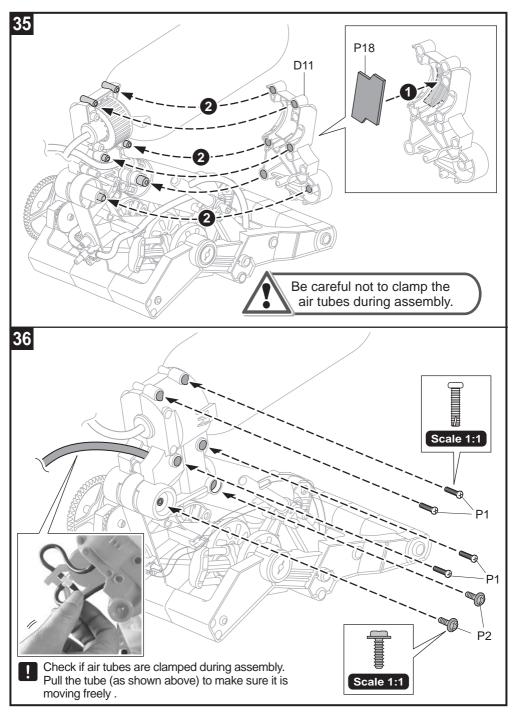


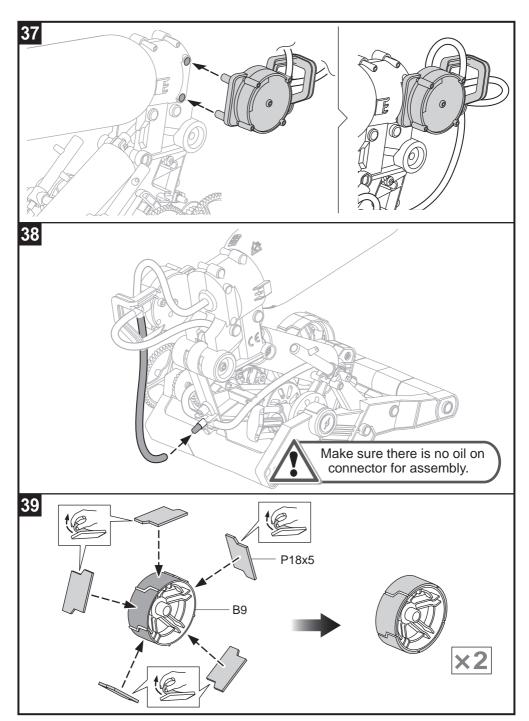


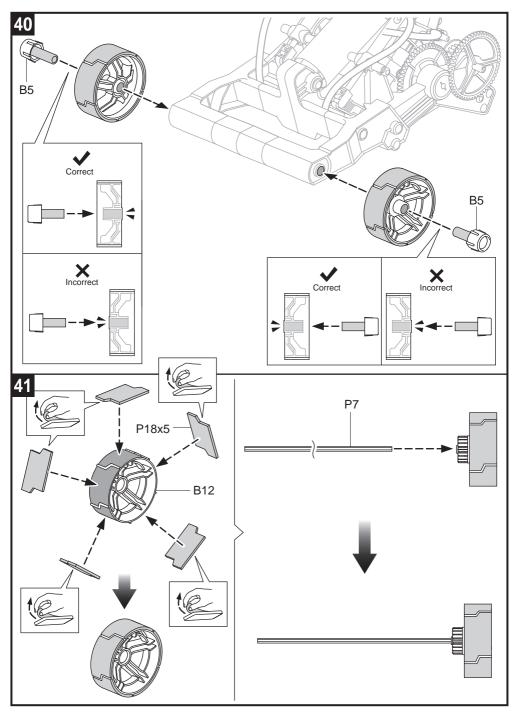


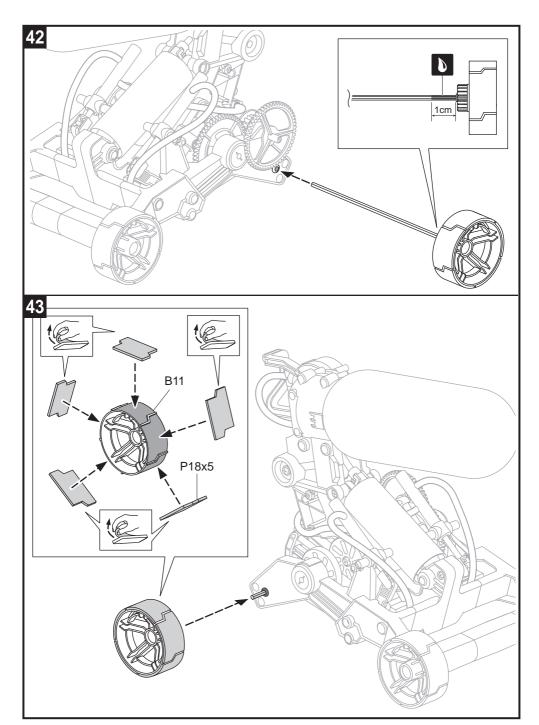






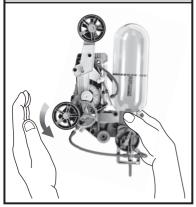




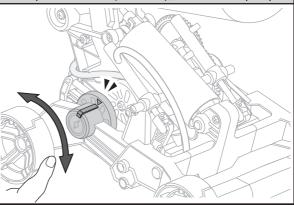


How To Play

1. Spin the rear wheel (as below) to releae air completely.

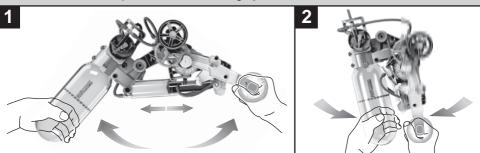


2. Rotate the rear wheel and have the "♥" align to the protruis on bar (as below), then \$ art to pump.

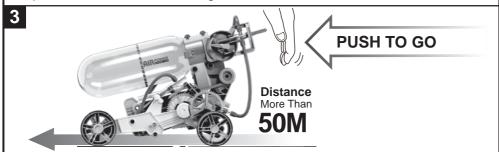


- 3. Pumping as below figures .
- In the beginning, pump up at least 20 times to start.

 (To obtain the best results, do not stop pumping until pressure meter meas red and pointed to the red range.)

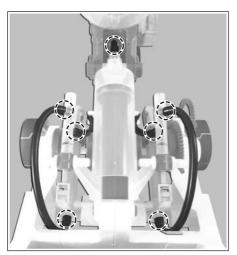


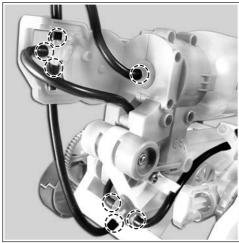
As an equipped a fety device, exces air will be automatically release d once press re meter is in the "red" range.



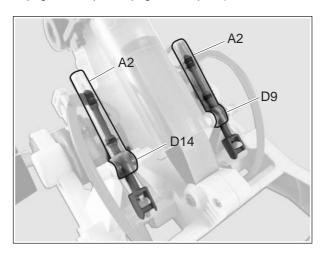
Trouble Shooting

- 1 Check if pressure meter can not gauge to red range, or if air leaks from anywhere.
 - Check if air tubes are installed correctly. (Below marked positions to help you quick check the air tubes, for exact assembly steps refer to page 4 "How To Fit Air Tube")

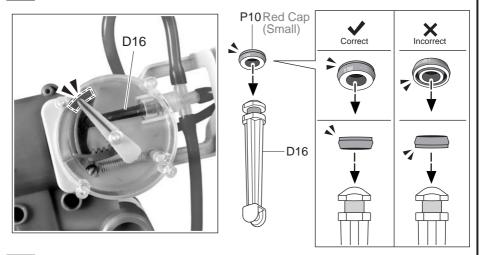




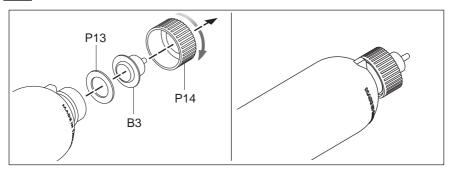
Check if D9,A2 / D14, A2 are loose.. (refer to page 24, step 15 & page 29, step 22)



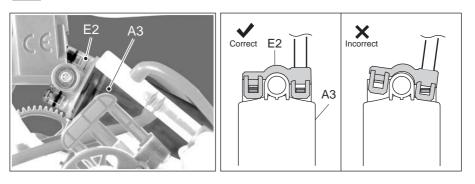
1-3 Check if P10 & D16 are installed correctly. (refer to page 10, step 7)



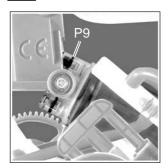
1-4 Check if P14 is fastened tightly. (refer to page 8, step 5)

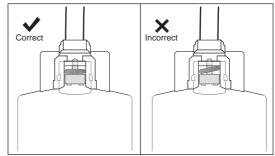


1-5 Check if E2 / A3 are loose. (refer to page 12, step 4)

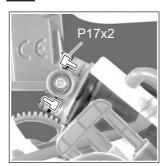


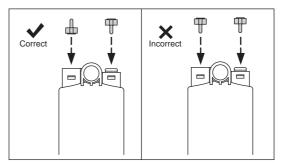
1-6 Check if P9 (O-ring) is s ated flat. (refer to page 12, t ep 6)



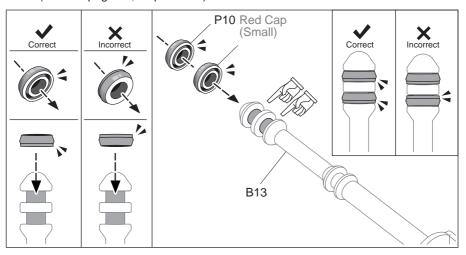


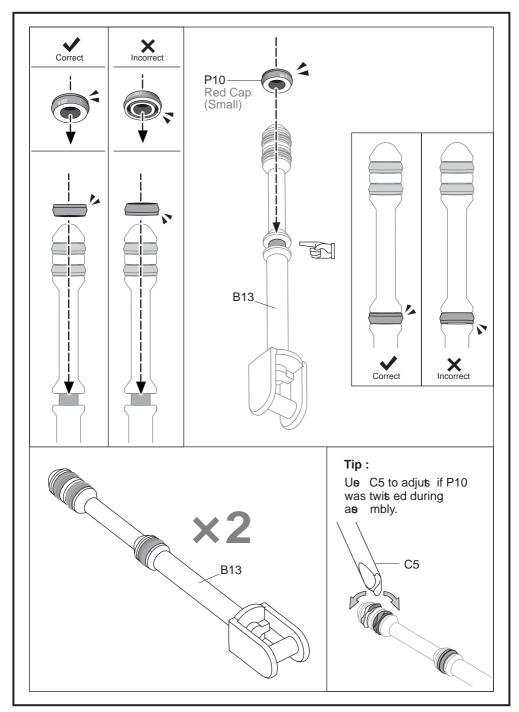
1-7 Check if P17 is int alled in the right direction. (refer to page 12, to ep 3)





1-8 Check if P10/ B13 are int alled in the correct direction. (refer to page 22, the eps 11~13)



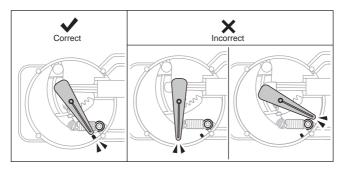


2 If air tubes are loosened while pumping.

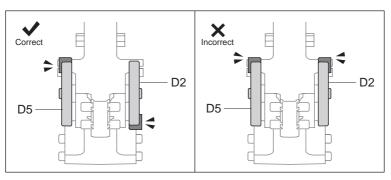
- 2-1 Check if connectors have oil on surface. Take off the connectors/air tubes, make sure to wipe off the oil and use neutral detergent to clean the parts thoroughly.
- 2-2 Check if air tubes are kinked or clamped during assembly. Slightly pull the tube (as shown below) to make sure it is moving freely.



- 3 If the pressure meter does not function while pumping.
 - 3-1 Check if pointer is installed correctly (refer to page 11, step 12)



- 3-2 Check if air tubes are clamped (refer to Trouble Shooting 2-2)
- 4 Check if D2 / D5 are installed in the right direction. (refer to page17, step 2)



Notes

Notes





150 Carpenter Ave. Wheeling, IL 60090, USA

(847) 541-3800 or (800) 533-2441 elenco.com



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