

OCTOPUS ROBOTIC CLAW

PLEASE SCAN THE QR CODE TO VIEW MULTI-LANGUAGE INSTRUCTIONS



FR. Veuillez scanner le code QR pour afficher les instructions multilingues pour ce kit. DE. Bitte scanne den QR-Code, um die mehrsprachige Anleitung für dieses Set anzusehen. NL. Scan de QR-code om de instructies voor deze set in verschillende talen te bekijken. IT. Scansiona il codice QR per visualizzare le istruzioni multi-lingua per questo kit. ES. Escanee el código QR para ver instrucciones en varios idiomas para este kit. JA. QRコードをスキャンして、本キットの多言語説明書をご覧ください。

⚠ WARNING:

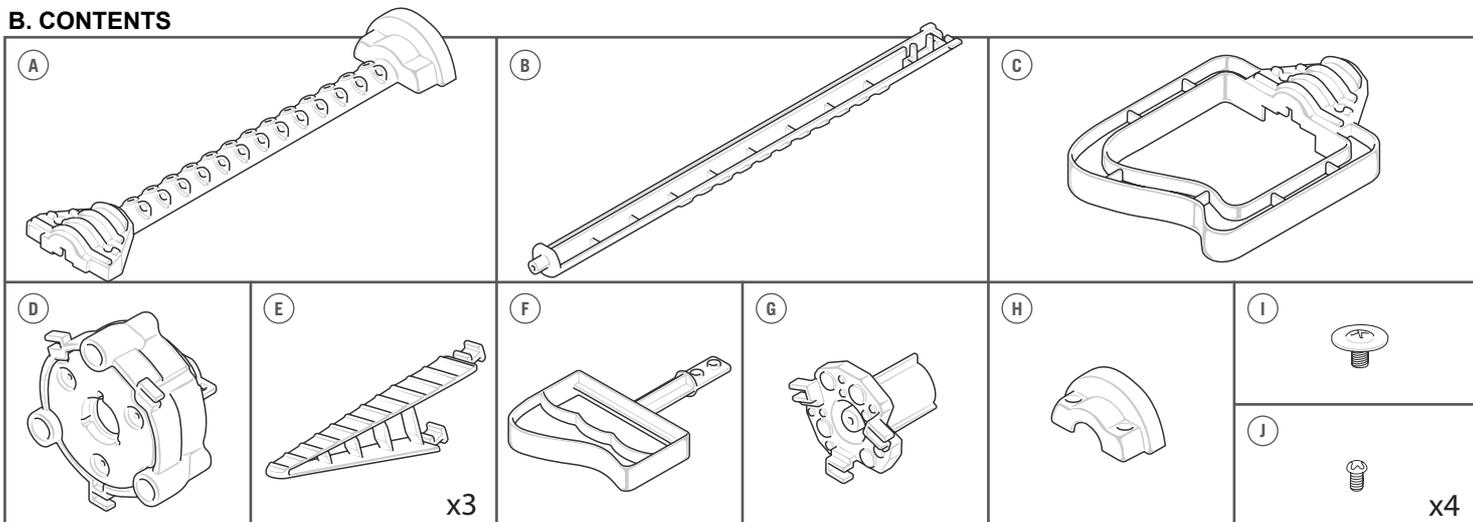
CHOKING HAZARD - Small parts.
Not for children under 3 years.

TO PARENTS: PLEASE READ THROUGH THESE INSTRUCTIONS BEFORE PROVIDING GUIDANCE TO YOUR CHILDREN.

A. SAFETY MESSAGES

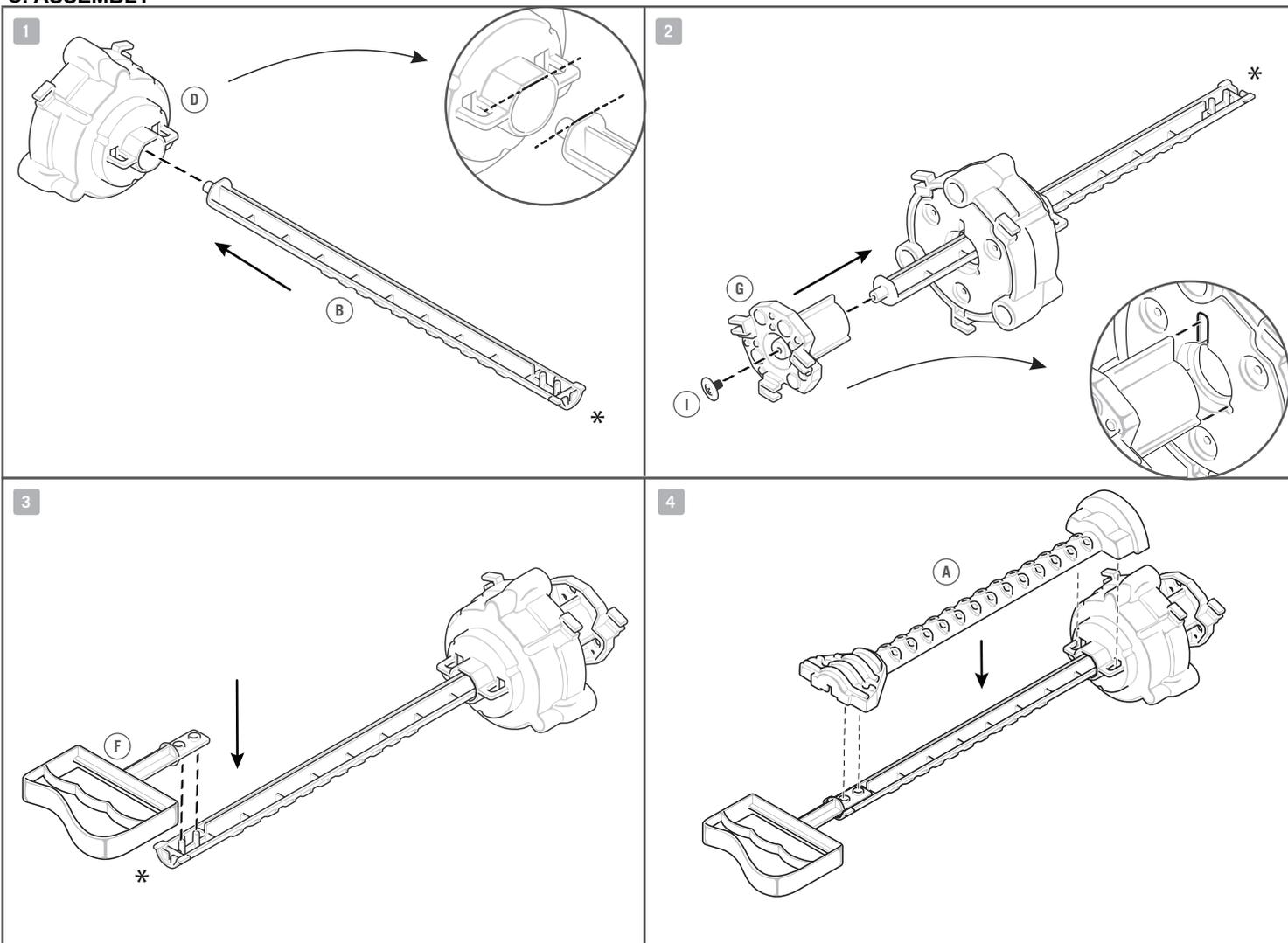
1. Adult assistance and supervision are required at all times. 2. This kit is intended for children over the age of 5. 3. This kit and its finished product contain small parts which may cause choking if misused. Keep away from children under 3 years old. 4. Do not grab humans, animals or any objects that could break.

B. CONTENTS

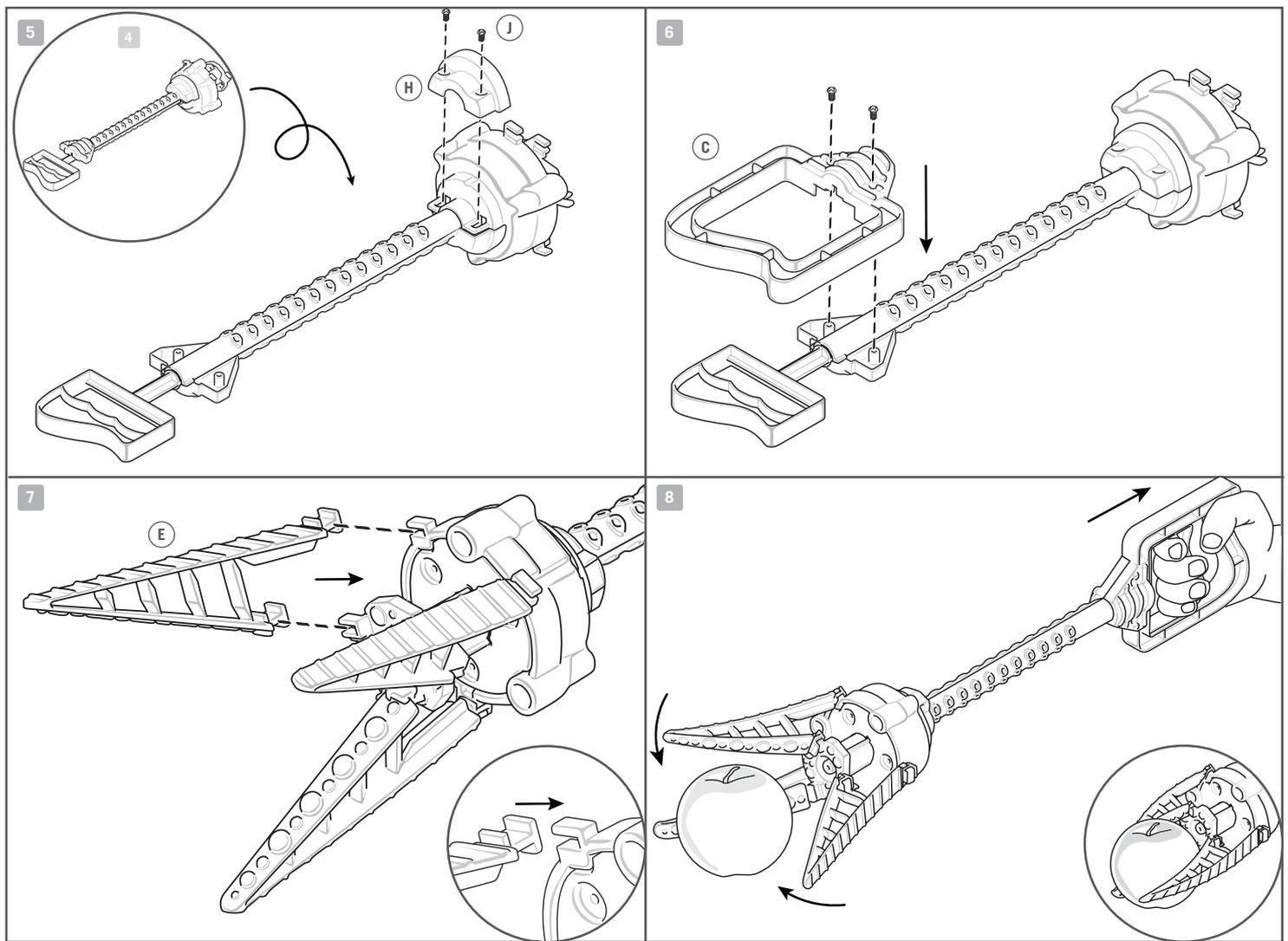


Part A: Handle x 1, Part B: Shaft x 1, Part C: Grip x 1, Part D: Hub x 1, Part E: Gripper arm x 3, Part F: Trigger x 1, Part G: End cap x 1, Part H: Collar x 1, Part I: Washer screw x 1, Part J: Screws x 4. Also required but not included in the kit: small crosshead screwdriver.

C. ASSEMBLY



1. Slide the end of the shaft (B) that has a pin on it into the hub (D), lining up the flat side on the shaft with the flat edge inside the hub.
2. Slide the end cap (G) along the shaft onto the hub. Make sure you line up the wide ridge on the end cap with the wide slot on the hub. Secure the cap and the shaft by the washer screw (I).
3. Clip the trigger (F) onto the end of the shaft.
4. Put the handle (A) in place under the shaft.



5. Turn over the handle and place the collar (H) over the shaft next to the hub and secure it in place with two screws (J).

6. Place the grip (C) over the trigger and secure it to the handle with two screws.

7. Add the three gripper arms (E). The long side of each gripper clips to the hub and the short side clips to the end cap. Well done! Your Octopus gripper is ready to work!

D. OPERATION

8. Hold the grip in your palm and gently pull the trigger with your fingers. The gripper arms will close together like the arms of an octopus! Try picking up lots of different objects around your home. Try small objects, large objects, objects with different shapes, such as small balls, small apples, empty cans and cubes, firm objects and soft, delicate objects. To avoid overload of gripper, please be careful that do not grip heavy weight's objects. And please store the Octopus Claw on a flat surface when not in use to avoid bending the gripper arms.

E. HOW IT WORKS

When you pull the trigger, the end cap pulls on the inside legs of the gripper arms. Because the outside legs are held by the hub, the arms bend inwards, making them move together to grip an object. The arms work like springs, so when you release the trigger, they want to go back to their original shape. This opens the gripper and releases the object.

F. FUN FACTS

- Industrial robots have grippers like your Octopus gripper. Arm robots working in factories use grippers to pick up and move objects.
- Robot grippers can be pneumatic (air powered), hydraulic (liquid powered) or powered by electric motors.
- Some robot grippers have three fingers like the Octopus gripper. Three fingers keep an object stable when it is being held in the gripper.
- Some robots, especially human-like android robots, have grippers that look like human hands.
- Robot grippers contain touch sensors so that the robot doesn't accidentally crush a delicate object that it's picking up.
- Giant grapples are used to pick up scrap metal, including old cars, and heavy tree trunks.
- A real-life octopus has eight long arms covered with suckers.
- If an octopus loses an arm, the arm grows back again!

QUESTION AND COMMENTS

We treasure you as a customer and your satisfaction with this product is important to us. In case you have any comments or questions, or you find any parts of this kit missing or defective, please do not hesitate to contact our distributor in your country, whose address is printed on the package. You are also welcome to contact our marketing support team at Email: infodesk@4M-IND.com, Fax (852) 25911566, Tel (852) 28936241, Web site: WWW.4M-IND.COM