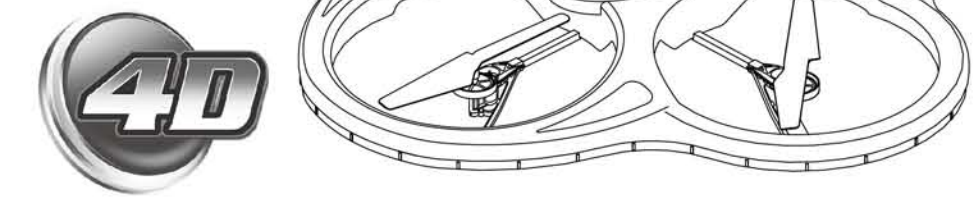


4-Axis Aircraft  
INSTRUCTION MANUAL

2.4GHz



Gravity Night Hawk

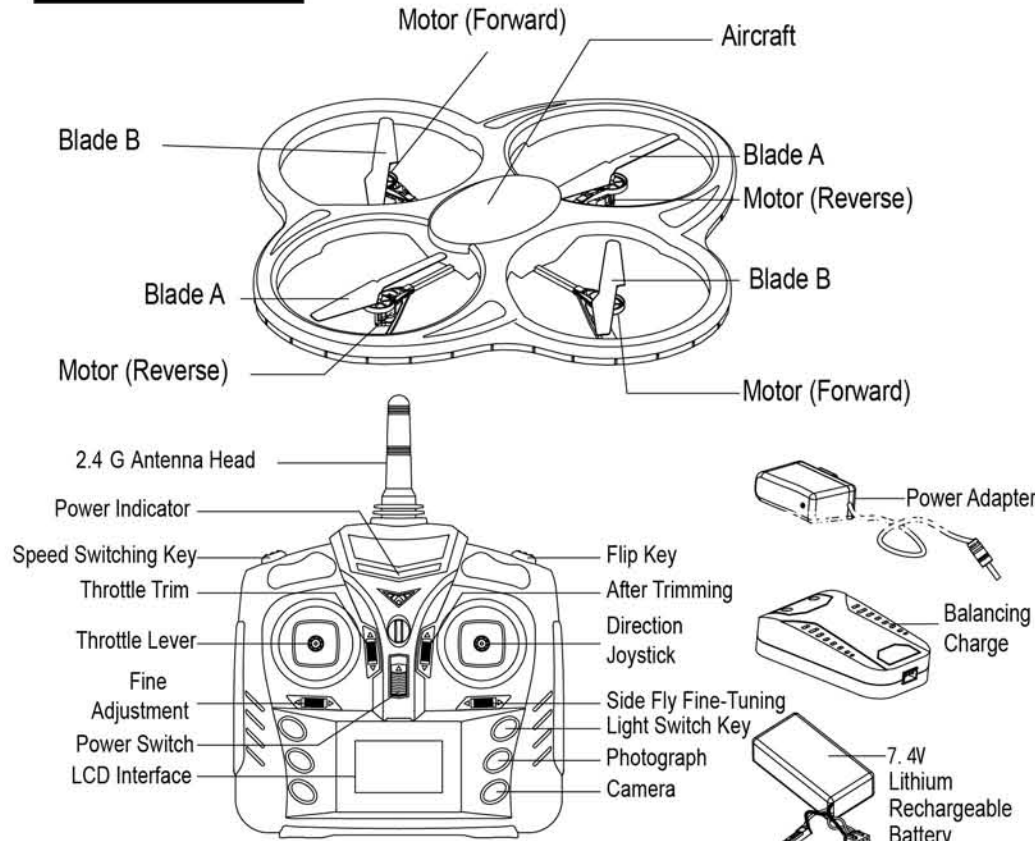
Introduction:

- 1.This product uses gyroscope technology, allowing it to fly in smaller indoor spaces, in addition to outdoors.
- 2.The aircraft uses a frequency of 2.4 GHz, and has a remote radius of approximately 50 meters. Through the four-channel basic functions on the remote control, the user can fly the vehicle forward, backward, left, and right, and master the art of flying!
- 3.In order to safely enjoy this product, please read this manual carefully before using, and keep it for any future reference.

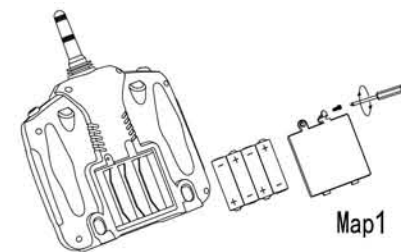
This product is recommended for ages 14+, but should always be used with adult supervision.

Thank you for purchasing our product. In order to safely enjoy this UFO, please read this manual carefully before using. Please keep it for future reference.

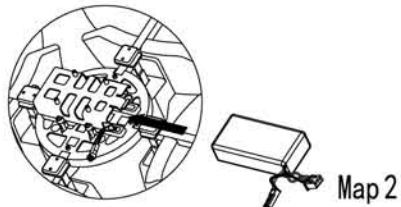
PART NAMES



BATTERY INSTALLATION



Map1



Map2

Figure 1 Remove the remote control battery cover, in accordance with the battery inside the battery polarity Properly installed four "AA" batteries (sold separately), and then install the battery Cover and tighten the screws.

**Note:**  
1, when you install the battery, you must look for the positive and negative terminals of the battery box and insert batteries to their respective polarities.  
2, Do not mix old and new batteries or mix different types of batteries.

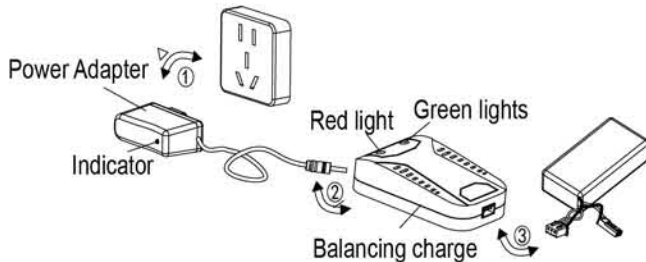
Figure 2, The aircraft upside down, plug the battery into the battery box.Make sure it is properly connected.

**Note:**  
1, When you install the battery, you must look for the positive and negative polarities.

BATTERY CHARGING INSTRUCTIONS:

To Charge the Lithium-ion Battery:

1. Please disconnect the battery wire from the circuit board socket.
2. Connect the transmitter to the lithium-ion battery's three-pin plug and then plug the AC charger into the transmitter. Plug the charger into a power socket.
3. When the helicopter is charging, the RED light and the GREEN light on the transmitter will be ON. Once the charging is complete, the GREEN light on the transmitter will be OFF.
4. Disconnect the charger from the power socket and then carefully disconnect the battery plug from the transmitter.

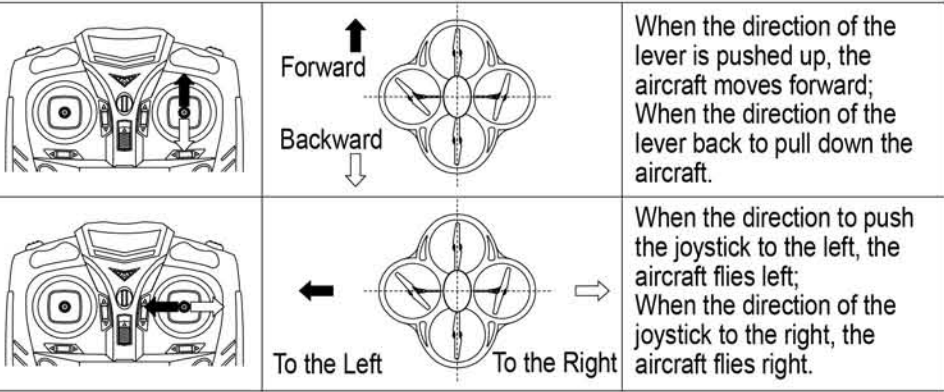
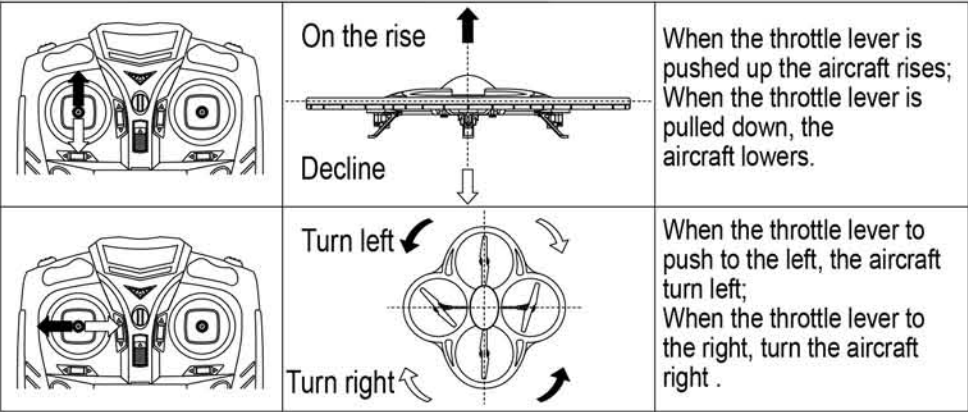


VEHICLE FREQUENCY PAIRING:

1. Once the vehicle battery is properly connected to the battery box and locked into place, turn on the power switch, and place the aircraft on level ground.
2. Turn ON the remote controller switch.
3. Push "Up" and then "Down" on the Throttle Control Stick for frequency pairing.

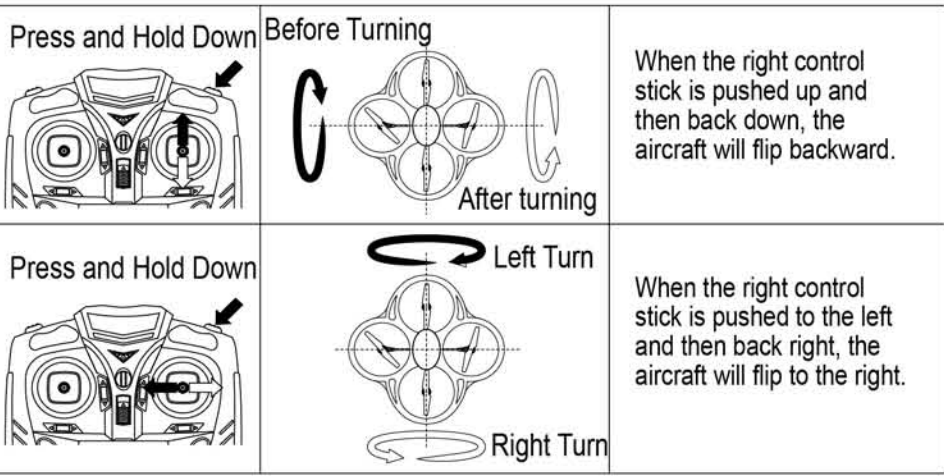
NORMAL FLIGHT CONTROLS:

1. Place the aircraft in an open space. There should be a minimum of 3 meters between the closest point of the aircraft and the user.
2. When the aircraft is not in use, please plug in the power cord and disconnect the battery to avoid any battery damage.
3. The lights on the aircraft can be used to determine the proper orientation. When the red lights are at the front, this indicates the front of the aircraft.



FLIP FLIGHT CONTROLS:

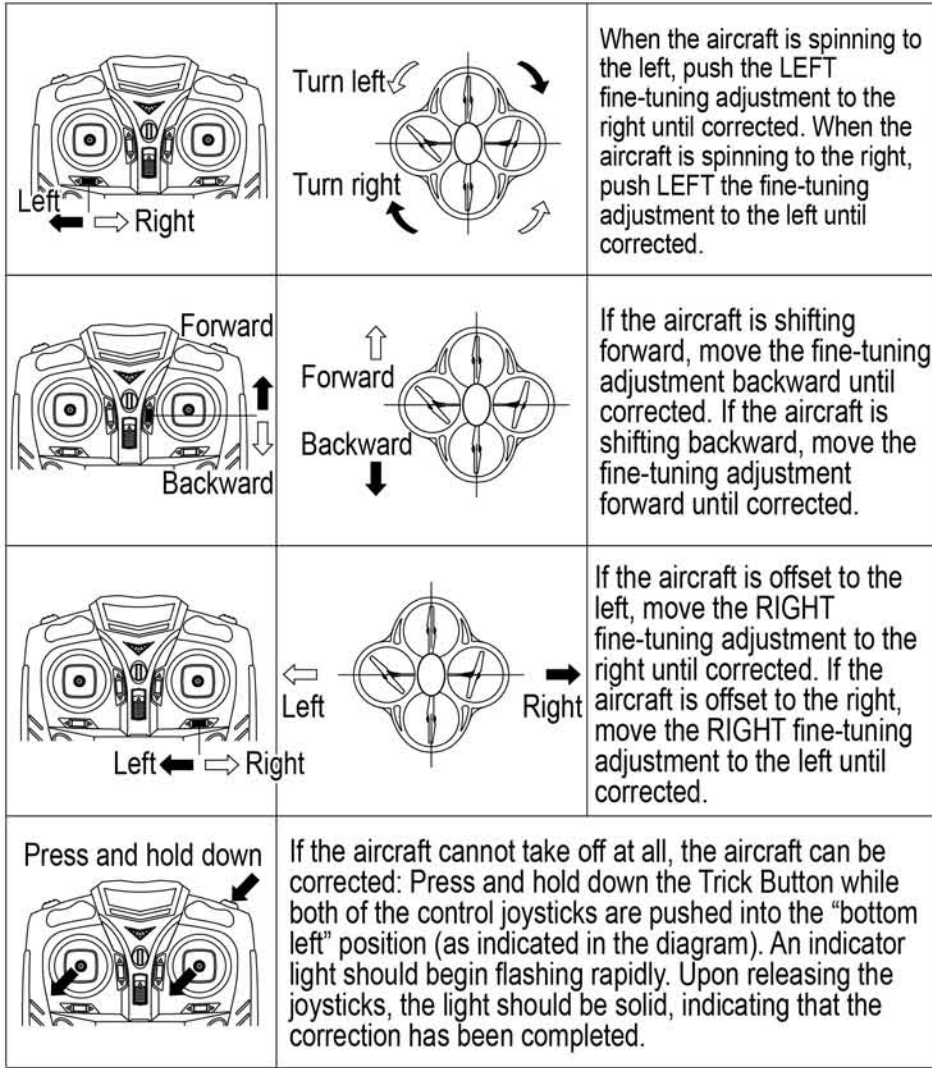
1. In addition to normal flight, the aircraft can also perform exciting and thrilling tricks!
2. When flying at a height above 3 meters from the ground, hold down the Trick Button while pushing the control stick in different directions to perform various stunts with the aircraft.



ACTION TRIMMING AND CALIBRATION INSTRUCTIONS:

As the aircraft rises into the air, slowly push the Throttle Stick. If the aircraft tends to spin in the air in different directions, the Trimming Stick can be used for fine-tuning corrective action.

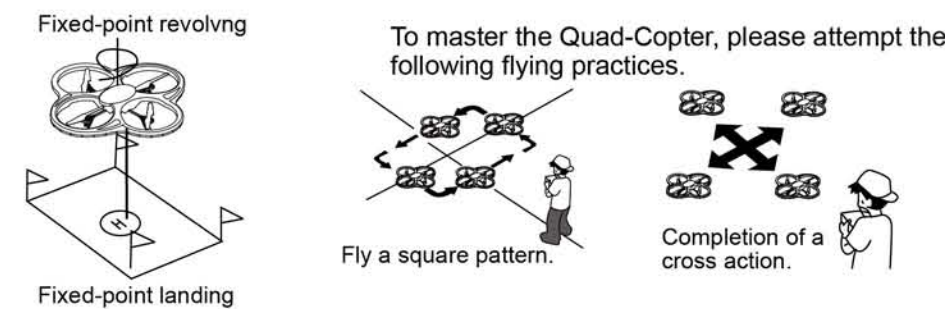
Note: When the aircraft is approximately 30 centimeters from the ground, the blades are may become affected by vortices forming under them, causing the aircraft to become unstable. This is known as "Ground Effect Reaction". The more lightweight the aircraft is, the Ground Effect Reaction will be that much greater.



FLYING ENVIRONMENT:

- 1, Indoor flying: choose an open place without barriers, pets and people.
  - 2, Outdoor flying: choose warm, sunny or windless weather.
- NOTICE:
- ①Do not fly in extreme temperatures. Flying in extreme temperatures may affect the performance and damage the product.
  - ②Do not fly in strong winds causing flight limitations which may hinder your flight control. In the case of strong winds, you may cause the aircraft damage.

FLYING PRACTICE



PROBLEMS AND SOLUTIONS

Question	Problem	Solution
Powered, but can't control the aircraft.	Remote control and the aircraft lose power too quickly.	Make sure the batteries in the remote control are properly installed. Replace the battery so that it is fully charged, turn the power switch to "ON", and re-calibrate.
	Remote control and the aircraft were not successful in pairing.	Please see above, and re-calibrate the aircraft and remote control.
Aircraft is moving around too erratically.	Rotor Deformation.	Replace with a new corresponding rotor.
	Hollow shaft is bending.	Replace with a new hollow shaft.
	Rotor Deformation.	Replace with a new corresponding rotor.
Aircraft is moving around too erratically.	Motor Damage.	Replace with a new motor.
	The aircraft is not flat.	Place the aircraft on a level surface, and re-calibrate.
Losing complete control of the aircraft.	Aircraft has moved beyond the maximum control distance.	Make sure the control radius remains within the 30 meter recommended control distance.
	Multiple aircrafts in the vicinity are turned on at the same time.	Please re-calibrate accordingly, so that each aircraft's frequency is not interfered.
Aircraft cannot rise off the ground.	Rotor speed is too slow.	Push up the throttle stick slowly while the aircraft is at a complete stop.
	The aircraft battery charge is too low.	Replace the battery so that it is fully charged before flying the aircraft.
Aircraft moving too quickly.	Pulled back too quickly on the throttle stick.	Let aircraft slowly drop, and slowly pull back on the throttle stick.

PRECAUTIONS:

1. Do not leave the aircraft unattended while charging. Do not over charge.
2. The aircraft is very powerful - the throttle control stick should be gradually pushed upward for the first flight to avoid a power surge that may cause the aircraft to crash and be damaged.
3. Before flying, always turn ON the aircraft switch first and then the controller switch.
4. Turn off the power of the aircraft and controller when not in use. The aircraft should be turned off first and the remote controller second.
5. Children should be accompanied by an adult while playing to ensure the aircraft is in control and stays in the line of sight.
6. Do not disassemble or modify this product.
7. Do not paste any stickers/labels on the aircraft or bind it to any item as this will affect the weight and balance. It will then be unable to fly.
8. Do not puncture the body of the plane with any sharp objects - it may damage the lithium battery and casing.
9. Insufficient battery power will shorten the control distance.
10. Insufficient battery power will lead to difficulties in controlling the aircraft.
11. Avoid dropping and crashing the aircraft as it will lead to damages and shorten the product life.
12. Cut-altitude aircraft crash or can not make a serious impact, this will damage the aircraft or shorten the life of the aircraft.
13. In order to ensure the stability of the aircraft, when the aircraft hit the object suddenly drop, place the vehicle on level ground to stay two seconds, until the vehicle automatically detects the level, and then manipulated.

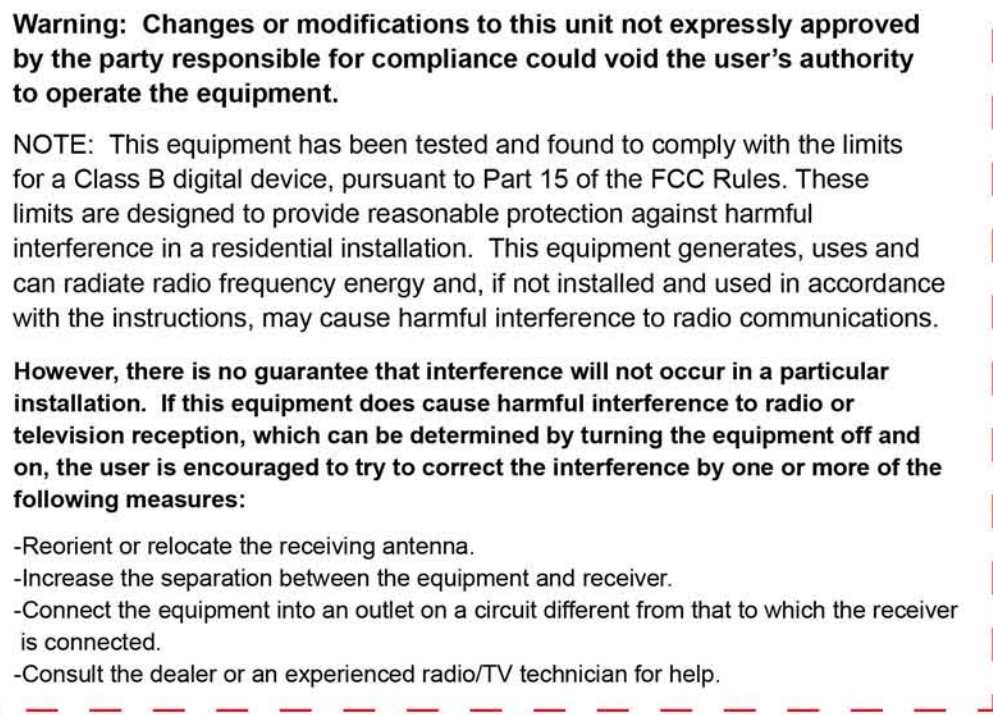
SAFETY WARNING:

WARNING:

- Not for children under 3 years of age due to small parts.
- Do not try to stop toy while it is in motion.
- Keep hands, face and hair away from all moving parts.
- Exercise caution during use at all times.
- Do not allow children to disassemble the transmitter or controller by themselves.
- Do not operate toy in the vicinity of other people, animals or other obstructions.
- If toy is broken during use, it should be checked or repaired by an adult.
- Remove the batteries from the transmitter and controller when not in use for a longer battery life.
- All battery types must be recycled or disposed of properly.
- Please always read the instruction manual carefully before operating toy.
- Specifications and colors of content may vary from illustrations.

BATTERY CAUTIONS:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are only to be charged by an adult.
- Different types of batteries or a mix of new and used batteries are not to be used.
- Batteries to be inserted with correct polarity.
- The supply terminals are not to be short-circuited.
- Exhausted batteries are to be removed and properly discarded as they will hinder performance.
- Always use fresh and/or fully charged batteries.
- Please check the wire, plug, shell and other parts of charger periodically and if any damage, stop using until fully repaired.



**Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

**However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**The aircraft is equipped with a Lithium-ion rechargeable battery, please also pay attention to the following cautions for safety use:**

- The lithium-ion battery in the toy is not replaceable.
- Do not use or leave the battery near a heat source.
- Do not dispose of the battery in fire or heat.
- Do not strike or throw the battery against hard surfaces.
- Do not immerse the battery in water, and keep battery in cool, dry environment.
- Do not leave the Li battery in direct sunlight, in a hot car or storage area.
- When recharging, only use the battery charger specifically for that purpose.
- Do not short circuit the Li battery.
- Do not leave the Li battery unattended during the charging process.
- Do not disassemble or alter the battery. The outer casing is soft and can be damaged.
- Do not charge batteries near flammable materials.
- Always let the battery cool between uses and charging.
- Inspect the battery before each use for swelling or malformation. If damaged, discontinue use and discard properly.
- Please recycle after covering the Li battery terminals with insulated tape or insert into an individual polybag.

Frequency: 2.4GHz  
Control distance: about 30-50 meters  
Average Value: 2000uV=80dBuV/m @ 5m  
Peak Value: 100dBuV/m @ 5m

CONFORMS TO THE SAFETY  
REQUIREMENTS CCPSA TOY  
REGULATIONS.



Some replacement parts are available for this Quadcopter. Please send an email to ina.service@fglsparts.com

LOT: 039EG

INA INTERNATIONAL LTD.  
MODEL/MODELE: 482015018  
IC: 12116A-482015018

**MANUFACTURED BY:**  
**INA INTERNATIONAL LTD.**  
**824 - 41st AVENUE NE**  
**CALGARY, AB, CANADA T2E 3R3**



MADE IN CHINA

**WARNING:**  
CHOKING HAZARD - small parts,  
Not for children under 3 years.