

reference

safety considerations

General Safety Guidelines

- **Always wear safety glasses** to protect your eyes. Note that normal glasses, while usually made of impact-resistant plastic, will not afford sufficient protection from shrapnel or flying debris.
- **Always wear close-toed shoes** to protect your feet from heavy or sharp objects which might be dropped.
- **Avoid wearing loose-fitting clothing** which can become caught in moving parts of the robot or of whatever machinery you may need to use during the construction of the robot.
- **If you have long hair**, keep it tied back or under a hat to avoid it becoming caught in moving parts.
- **Do not wear gloves when operating machinery** (e.g. drill press or belt grinder), as glove may become snagged and drag your hand into the machinery.
- **The kit contains small parts.** Do not ingest. Do not insert into any orifice (e.g. nostrils).
- **NO HORSEPLAY.**

safety considerations, continued

Subsystem-Specific Safety Guidelines

- **Structure**

- **Contains metal parts.**

- Cutting or excessive bending can cause parts to break, resulting in sharp edges which can cut skin.

- **Motion**

- When system is powered, keep fingers, tools, hair, and all other body parts away from gears, wheels, etc. Plastic parts can still painfully pinch, cut, or crush.

- **Power**

- **Battery use**

- Do not lick batteries.

- If battery appears to be leaking or has a crystalline deposit on the outside, dispose of it immediately (do wear gloves when handling, preferably nitrile or other non-reactive material).

- Do not run a wire from one end of battery to the other, as wire will get very hot.

- **Battery disposal**

- Do not throw batteries into the trash, especially rechargeable batteries.

- Contact your local waste disposal office for information on battery disposal. Batteries should be stored as directed by your local hazardous materials disposal office until pickup (usually in a hard-sided, waterproof, non-conductive container, e.g. a plastic bucket).

- **Logic**

- Contains small parts. Do not ingest or insert into nostrils, ears, etc.

- **Sensors**

- Contains small parts. Do not ingest or insert into nostrils, ears, etc.

- **Radio**

- Batteries: see Power section
 - Mechanical: do not insert antenna into any orifice

safety glasses kit

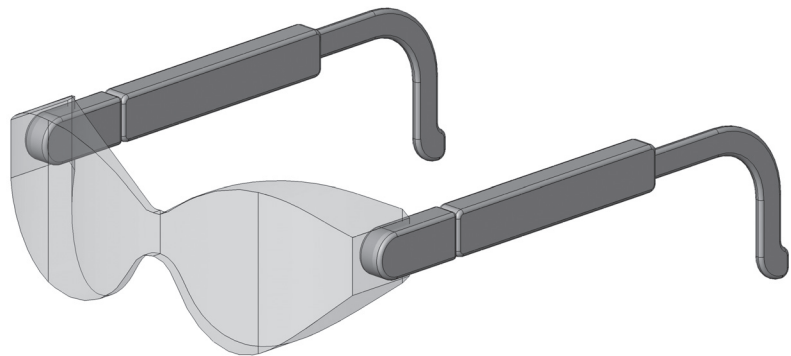
Safety Glasses

These safety glasses are built from scratch- and impact-resistant plastic, and will provide increased eye protection from accidental physical hazards such as parts that “pop” loose from a robot, or from accidental contact with a tool while working in very close quarters. Please see the Safety section of the Inventor’s Guide for more information on working safely with the robot.

- **These glasses do not provide protection against eye damage from looking at very bright light sources (when welding, for instance).**
- **Do not rely on the glasses alone to protect you from harm.**
- **Do not put yourself in dangerous situations just because you are wearing safety glasses.**
- **Do not take the glasses off (or flip them up on top of your head or otherwise remove them from your eyes) until you have left the working area, especially if others are still working.**
- **Do not forget to put the glasses on when entering or returning to the work area.**

INSERT THIS PAGE
at the **back of the**
Safety Chapter in your
Vex Inventor’s guide.

safety glasses x 1



Limited 90-day Warranty

This product is warranted by Innovation One against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from authorized Innovation One dealers. For complete warranty details and exclusions, check with your dealer.

Innovation One, Inc.
350 North Henderson Street
Fort Worth, TX 76102

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Printed in China

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