



TSA VEX Robotics Competition Robot Inspector's Guide

Prior to competing in the *Swept Away* game, a team's robot must be inspected for compliance with the rules listed the *Swept Away* game manual.

Swept Away game rules may be downloaded from: www.vexrobotics.com/tsa/

The inspection process is simple.

1. Make multiple copies of the inspection checklist, i.e., one for each registered team. Meet with each team individually and complete a checklist. Issues that may arise include:
 - A team has used parts that exceed the allowed quantities (A robot may be constructed of only those components found in the VEX Classroom Competition Team Bundle (P/N: 278-1007). See page 4 of the Swept Away Manual for details.)
 - A team has built a robot that is too large
 - A team has attached parts to its robot using an illegal method (welding, glue, chewing gum, etc)
2. For each of the above common violations, a team will be asked to make their robot compliant. Ideally, inspections should be completed a day before matches are held to allow time for compliance adjustments to be made.

Inspection Tips

- As much as possible, the inspection process should be stress-free for teams. When you can, help teams find a solution to problems. (Teams have invested time and effort into building their robots, and the goal is to make their robots legal so they can compete.)
- When inspecting a robot, a good starting point is to ask a team to describe its robot to you. This gives the teams a chance to show-off their robot, and allows you a chance to inspect all the subsystems of the robot. It is easier to keep track of the parts used for a robot if the team describes their robot section by section.
- A 12" ruler is recommended to check a robot for height compliance. A measuring tape will also work. Some inspectors build a simple jig for quick checking.
- Teams will be distinguished by their ID Plates. The plate is considered a legal part and must be on the robot for team identification.



TSA VEX Robotics Competition - Swept Away

Robot Inspection Checklist

Team: _____

Rule #	Inspection Item
1	The team has observed parts restrictions as listed in the manual. (See the manual for a detailed listing of legal parts)
2	The robot is controlled by one transmitter.
3	The robot has no more than five motors and one servo.
4	All parts on the robot are legally attached. (No gluing, welding, etc.)
5	All VEX electronics 100% unmodified.
6	The robot has a starting configuration that is less than 12" high.

Pass/Fail _____ Inspector: _____ Team Initials: _____