

Robot Inspection Checklist

Team Number: _____



Size Inspection

<input type="checkbox"/>	Robot fits within starting size restrictions (18" x 18" x 18").	R4
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Overall Inspection

<input type="checkbox"/>	Robot displays appropriate identification features	R11
<input type="checkbox"/>	Robot does NOT contain any components which will be intentionally detached on the playing-field.	R3
<input type="checkbox"/>	Robot does NOT contain any components that could damage the playing-field or other robots.	R3
<input type="checkbox"/>	Robot does NOT contain any sharp edges or corners.	R3
<input type="checkbox"/>	Robot poses NO obvious unnecessary risk of entanglement	R3
<input type="checkbox"/>	Radio Crystals are easily accessible without robot disassembly.	R10
<input type="checkbox"/>	Robot Flag Holder is present and adequately holds the flag during normal robot operation.	R12
<input type="checkbox"/>	ALL Decorating Components on the Robot NOT meeting VRC Inspection Criteria are NON-FUNCTIONAL	R5

VEX Parts Inspection

<input type="checkbox"/>	ALL Robot components are (or are IDENTICAL to) OFFICIAL VEX Products as sold on VEXrobotics.com	R5
<input type="checkbox"/>	Robot does not utilize any of the VEX materials not intended for use as a robot component.	R5
<input type="checkbox"/>	None of the electronics are from the VEX RCR "blue" Product Line	R5
<input type="checkbox"/>	Robot has only (1) VEX Microcontroller.	R5
<input type="checkbox"/>	Total number of Servos and Motors is not more than (10).	R5
<input type="checkbox"/>	Robot uses (1) VEX 7.2V (Robot) Power Pack as the primary power source. - No other Batteries are Legal!	R5
<input type="checkbox"/>	Robot uses a maximum of (1) VEX Power Expander.	R5
<input type="checkbox"/>	If Robot has a VEX Power Expander, it has a 2nd 7.2V (Robot) Power Pack	R5
<input type="checkbox"/>	Robot does not have any extra non-connected batteries on it.	R5
<input type="checkbox"/>	Robot uses a maximum of (1) PWM Y-Cable per each Motor Port on the VEX Microcontroller & Power Extender	R5
<input type="checkbox"/>	Robot uses a maximum of (2) RF receivers.	R5
<input type="checkbox"/>	Robot contains no more than 40" of 1/8" dia. Nylon rope.	R5

Construction Inspection

<input type="checkbox"/>	NO VEX electrical components have been modified from their original state.	R9
<input type="checkbox"/>	NO Method of attachment NOT provided by the VEX Design System is used.	R9
<input type="checkbox"/>	If thread-locker is used, it is used for securing screws & fasteners ONLY.	R9

Software Functionality Check

<input type="checkbox"/>	Robot runs autonomously for the first 20 seconds after transmitter link-up when configured for tournament play.	R13
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Time of Inspection: _____

Pass / Fail: _____