

Team Update 05

01/26/2016

GENERAL

Battery Connectors Mis-assembly

- We have received two reports from teams that the Anderson SB50 battery connectors provided in the Kickoff Kit and available via *FIRST* Choice have had the red and black wires reversed. Please check your connectors to ensure that you do not have an issue. Most of the core control system components have reverse polarity protection however motor controllers do not and could be damaged by this. The red wire should be on the positive side of the connector and the black should be on the negative. If you do have an issue there is a fix which is detailed [here](#). We are interested in tracking this and request that you fill out [this form](#) if you have issues. Going forward we will be working with our suppliers to reduce the chance of this happening. On behalf of *FIRST* and our suppliers we apologize for an inconveniences this may have caused.

FRCSim

- Details about FRCSim, a Linux simulation environment for teams using C++ and Java, has been added to the Virtual Kit section of the [2016 Kit of Parts page](#). For more information see the [Kit of Parts page](#) or the [ScreenSteps documentation](#).

ADMIN MANUAL

Section 6.9.3 Business Plan Template

Teams must complete the following fields in order to be considered for this award.

EXECUTIVE SUMMARY

...

■ PICTURES

Picture 1: Please upload 5" x 4" 100 dpi resolution images that end in .JPG or .GIF

Picture 2: Please upload 5" x 4" 100 dpi resolution images that end in .JPG or .GIF

Picture 3: Please upload 5" x 4" 100 dpi resolution images that end in .JPG or .GIF

Picture 4: Please upload 5" x 4" 100 dpi resolution images that end in .JPG or .GIF

- ~~Team Captain/Student representative that has double checked this submission~~

~~First Name, Last Name~~

GAME MANUAL

Section 3.4.3 General Rules

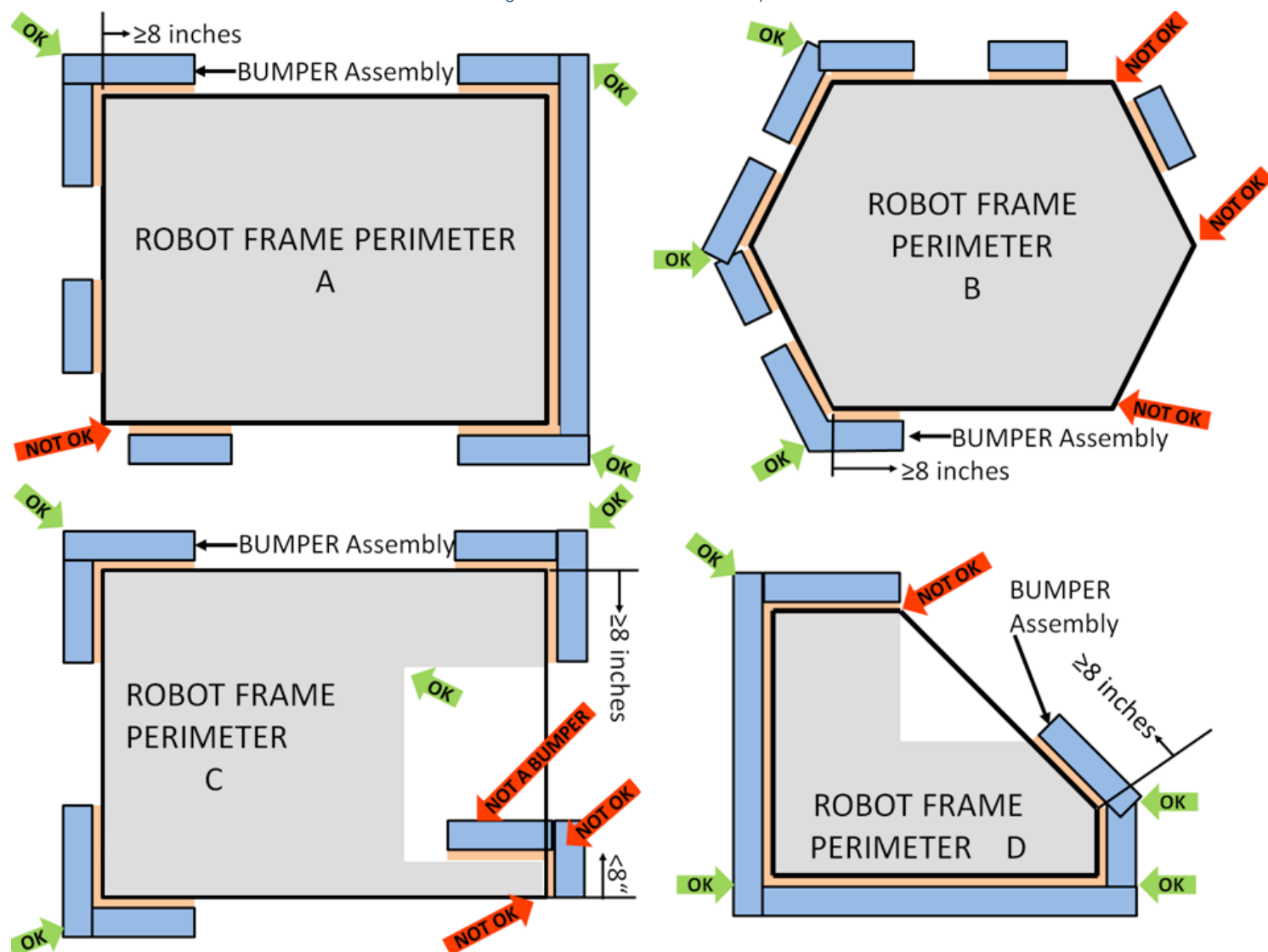
- **G12-1** ROBOTS may not **deliberately** use FIELD elements, e.g. BOULDERS, **in an attempt to** **ease or amplify the challenge associated with** ~~interfere with the operation of~~ other FIELD elements, e.g. DEFENSES.

Example actions that violate G12-1 include, but aren't limited to the following: adding BOULDERS to your Moat to make it harder for your opponents to CROSS the Moat, using a BOULDER to prop up Cheval de Frise elements, propping open a DEFENSE door with a BOULDER.

Section 4.7 BUMPER Rules

■ Figure 4-3: BUMPER Corner Examples includes an revised lower-left right corner in ROBOT FRAME PERIMETER C.

Figure 4-1: BUMPER Corner Examples



Section 5.5.9 Special Equipment Rules

■ The only equipment, provided it does not block visibility for FIELD STEWARDS or audience members or jam or interfere with the remote sensing capabilities of another Team, including vision systems, acoustic range finders, sonars, infrared proximity detectors, etc. (e.g. including imagery that, to a reasonably astute observer, mimics the Vision Guides), that may be brought in to the CASTLE are as follows: