



# Team Update 04

## 01/22/2016

### GENERAL

- No changes.

### ADMIN MANUAL

- No changes.

### GAME MANUAL

#### Drawings

- GE-16170\_REV\_A: Mounting hole dimension added, 1.00
- GE-16080: Updated to incorporate GE-16081\_REV\_A
- GE-16081\_REV\_A:
  - Width: ~~4.50~~ 5.25 (*width references also changed; the 4.50 dimension was derived from two other dimensions, while the 5.25 dimension is specifically marked*)
  - Height dimension reference changed from top of flange to bottom of flange
  - Material: ~~5 Gauge Aluminum Sheet, .1819 thick~~ Steel Sheet, .125" Thick
- TE-16080\_REV\_B – Updated to incorporate addition of TE-16080-05, including location adjustment
- TE-16080-05: new part

#### Section 2.2.2 OUTER WORKS

- The Rock Wall is a steel block that is 4 ft. 2 in. wide, ~~4-1/2~~ 5-1/4 in. deep, and ~~4-1/2~~ 4-5/8 in. tall. (*For more information on the depth change, see [yesterday's blog](#). The height correction is to make the manual match the original, and current, drawing. The height of the Rock Wall has not changed from the originally published drawing.*)

#### Section 4.8 Motors & Actuators

- Reformatted for clarity: Hard drive motors or fans that are: included in any Kickoff Kit, distributed via *FIRST* Choice, part of a legal motor controller (including manufacturer provided accessories), or part of a legal COTS computing device

#### Section 5.5.10

- The specific DEFENSES used during each MATCH are selected by a combination of the audience and the ALLIANCES. One (1) DEFENSE from each of the four (4) DEFENSE groups, A, B, C, and D are on the FIELD each Qualification and Playoff MATCH. During the Practice MATCHES, ALLIANCES select DEFENSES for positions 2 through 5 to fortify their opponent's OUTER WORKS and may select any four (4) DEFENSES from the four (4) groups. For example, each of the two (2) DEFENSES from groups A and B. ~~Also, OUTER WORKS DEFENSE positions 2 through 5 are selected by the opposing ALLIANCE, i.e. the Red ALLIANCE selects the Blue ALLIANCE DEFENSES.~~ This provides each ALLIANCE with a predictable set of DEFENSES on which to practice. During the Qualification MATCHES, ALLIANCES select DEFENSES to fortify their own OUTER WORKS (the OUTER WORKS closest to their TOWER).