

Team Update 12

GENERAL

The [2020 Inspection Checklist](#) has been added to [the Game & Season Materials page](#).

EVENT MANUAL

No changes.

GAME AND SEASON MANUAL

9.5 BUMPER Rules

R24. BUMPERS must be constructed as follows (see Figure 9-6):

- A. ...
- B. ...
- C. use a stacked pair of approximately 2½ in. (nominal, ~63mm) round, petal, or hex “pool noodles” (solid or hollow) as the BUMPER cushion material (see Figure 9-6). All pool noodles used in a BUMPER set (e.g. Red set of BUMPERS) may not be modified (with the exception of cutting to length or ~~beveling ends~~ **cutting to facilitate mating pool noodles at the corners as required by R25**) or deformed and must be the same diameter, cross-section, and density (e.g. all round hollow or all hex solid). Cushion material may extend up to 2½ in. (~63 mm) beyond the end of the plywood (see Figure 9-7). To assist in applying the fabric covering, soft fasteners may be used to attach the pool noodles to the wood backing, so long as the cross section in Figure 9-6 is not significantly altered (e.g. tape compressing the pool noodles).

11.4 Measurement

T1. Freeze, ROBOT. During the period when the ARENA is open for measurement, ROBOTS can be enabled, but cannot move (**i.e. neither the ROBOT, nor anything on the ROBOT, can move**), nor can they interact with (e.g. shoot, push, pickup, etc.) POWER CELLS, POWER PORTS, GENERATOR SWITCHES, CONTROL PANELS, or other FIELD elements.

Violation: Verbal warning. If repeated at any point during the event or egregious YELLOW CARD