

NECA High School Competition
Inspection Check Sheet 2024

School Name: _____ Race Date: ___ / ___ / ___

Inspector #2: _____ (Electrical Equipment/Inside Car)

- Two isolation switches or one switch with two actuators, one inside and one outside.
 - The switches or actuators (internal and external) must be marked so that anyone can turn them to the OFF position.
- Wiring system well insulated
- Fuse or circuit breaker between battery and motor.
- Wiring must be securely attached to the body or frame.
 - It doesn't specify to negative terminal.
- Electrical connections taped or covered.
- Batteries securely mounted, boxes mounted to frame.
- Battery Type: (at ambient temperature)
 - Werker WKA12-55P/FR
 - Werker WKDC12-55C/FR-FA (or Duracell DURDC12-55/FR-5 12 volt 55 Ah AGM)
 - Optima 35 (Red Top)
 - Optima D35 (Yellow Top)
 - Optima SC25A
- Last years batteries are legal for one more year as long as they are not heated.
- 5 point harness, 3" straps, 2" crotch strap
- Roll Bar: must be capable of lifting by belts alone.
- Roll bar braced forward or rearward to the frame.
- All gears, chains, drive belts, sprockets are protected with guards.
- Driver's mirrors on both sides and provide a clear view rearward.
- Driver has good visibility and field vision.
- Driver seat attaches to sub-structure connecting to the roll cage or frame.
- All gears/belts are guarded.

Inspector Comments:
