

Use & Care Instructions Professor Motor Controllers

Caution! - Regular maintenance is required to keep the controller contacts clean and free from foreign objects & debris. Failure to properly clean, lube and maintain the contacts will cause the controller to fail, will allow the car to be driven without the throttle being depressed.

Please take this warning seriously and follow this process to keep the contacts clean & properly lubricated:

1. Remove the front half of the controller case by loosening the three bolts.
2. Clean all debris from the nickel-plated contacts and surrounding area with a Q-Tip and lighter fluid. The sliding contacts **MUST** be **CAREFULLY** lubricated to reduce contact wear and provide a smoother controller action.
3. To lube, do so as follows:
 - a. Place a **SMALL** amount of Super Lube PTFE lube on the end of a Q-Tip & apply to the nickel contacts in the area where the silver alloy contact travel
 - b. Cycle the trigger a few times
 - c. Use a Q-Tip with lighter fluid to remove any excess lube outside of the area where the contacts meet (remove 90% of the lube you just applied)
 - d. Examine the contact area to insure that cotton fibers from the Q-Tip are removed and that residual lube is minimal & barely visible
4. Repeat this cleaning / lube process on a frequent basis (every 1-2 weeks) for best results.

Periodic Maintenance – lube the trigger pivot bushing with plastic compatible oil