

## **Motor(s) will not run on any speed**

- Check circuit breaker
- Check motor ground
- Check connections at motor and switch
- Check controller and switch
- Check the chassis wiper module

## **Motor will not run on low speed**

- While properly grounding the motor apply proper voltage to the low speed terminal at the motor. If the motor does not run replace it. If the motor runs check the motor switch, controller, wiring and the chassis wiper module.

## **Motor will not run on high speed**

- While properly grounding the motor apply proper voltage to the high speed terminal at the motor. If the motor does not run replace it. If the motor runs check the motor switch, controller, wiring and the chassis wiper module.

## **Motor runs but arm(s) and blades(s) are stationary**

- Check the linkage on the end of the motor output shaft to see if it is slipping.
- Check the attachment at the wiper arm to see if it is slipping on the shaft.
- Check to see if there is a blown fuse, a short in the wiring harness, or a faulty wiper module.

## **The blades come together and it's hard to separate of they blades overlap .**

- Check the linkage assembly. The linkage may be installed backwards or might contain the wrong linkage.

## **Arm(s) and blade(s) wipe properly but do not park in the correct location**

- Check the linkage on the end of the motor output shaft. It may have slipped and needs to be horizontal. If not the motor needs to be detached from the linkage, linkage straightened, then reattached and tightened to the proper torque setting.
- The arm(s) may need to be remounted correctly on the pivot shaft.
- Also check and make sure the proper motor and wiper harness is being used with your chassis.

## **Some things work on my steering wheel (ex. High speed) but others don't (ex. Intermittent)**

- Check the chassis wiper module. The wiper module is not sending a correct signal to the wiper motor.
- Also check the harness to make sure it is operating correctly.

## **The blade is missing a portion of wipe in the middle of the glass**

- Check the condition of the blade. It might need to be replaced.
- Check the angle of the pivots coming out of the front cab (are the cab backers installed ok?).
- Check the blade clip on the arm that the blade attaches to. Take the blade off and rest the saddle on the glass. It needs to sit on the glass flat and not crooked. To correct this use the adjusting screws on the secondary arm to make the blade sit and wiper correctly.

## **One arm and blade starts before the other side**

- Check to make sure the entire linkage is horizontal and not at an angle.