

## WINDSHIELD WIPER INSTALLATION INSTRUCTIONS

**9PWK65T = 65 degree sweep with 14" flex blade, 9PWK8514F = 85 degree sweep with 14" flex blade, 9PWK85F = 85 degree sweep with 16" flex blade, 9PWK8520F = 85 degree sweep with 20" flex blade, 9PWK110 = 110 degree sweep with 20" flex blade**

### 1. INSTALL WIPER MOTOR (through glass windshield) (for mounting to sheet metal, see page 2)

- 1.1 Remove the rubber plugs from the windshield by inserting a screwdriver into the plugs from inside the cab and pushing them out. **WARNING: Avoid damage! Do not pry against the windshield to remove the plugs from outside the cab.**
- 1.2 Remove the large hex nut, plastic washer, and rubber washer from the motor shaft making sure to leave the black plastic standoff on the motor shaft. Put the large white nylon bushing with the collar over the shaft as shown in Fig. 1.
- 1.3 From the inside, insert the motor shaft out through the larger hole in the windshield until the white nylon bushing is against the windshield. Replace the rubber washer, plastic washer, and hex nut on the outside end of the shaft. Do not tighten completely at this point. **CAUTION: Make sure that the metal parts of the wiper motor do not contact the glass during installation. Damage could occur.**
- 1.4 From the inside, put the small white nylon bushing with the collar into the small hole in the windshield and pivot the wiper motor so that the small hole aligns with the hole in the bushing. Insert the 1/4-20 bolt through the internal tooth washer, the hole in the wiper motor bracket, the small bushing, and finally the windshield. Next install the rubber washer, plastic washer, and cap nut.
- 1.5 Tighten the bolts at this time. Tighten the hex nut on the motor shaft to 30 inch-lbs and the 1/4-20 hex head bolt to 75 inch-lbs.. **WARNING: Over tightening wiper mounting hardware can damage windshield and components. Tighten only to specified values.**

