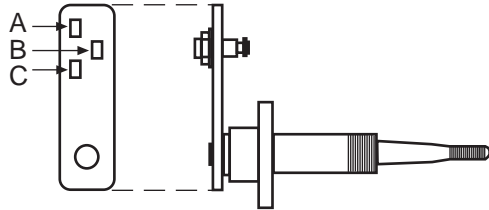


230 Series Adjustable Drive Arm Kit

"A" pin position: 28-58°

"B" pin position: 35-70°

"C" pin position: not recommended for use with adjustable drive arm



Installation Instructions:

1. Assemble the wiper motor and pivot shaft onto the unitized wiper motor bracket and make sure the pin in the pivot shaft is in the "A" or "B" position. (See illustration)
2. Using a 12V power supply, apply power to the motor terminals to operate low (L), high (H), and park (P).
3. After parking the motor, install drive arm item #308-1032 onto the motor shaft, align the park position (clockwise or counterclockwise to park) as shown in the illustration. Set #308-1031 and #307-1094 on #308-1032 while aligning. Retain #308-1032 with a 12" (30cm) adjustable wrench and tighten nut #414-1004 to 17 foot pounds (23Nm) for 230 and 238 motors.
4. Install the slide #308-1031 onto the drive arm with lockwasher #414-1011 and bolt #414-1012. Tighten the bolt at an arbitrary position on the slide (the final adjustment of the slide will be made later).
5. Grease the pins on the slide and pivot shaft with standard automotive grease. Place link #307-1094 over the pins and install washer #414-1005 and spring clip #407-1022 on both pins to secure the link.
6. Install the wiper motor assembly onto the vehicle. Attach the wiper blade to the wiper arm and then the wiper arm to the pivot shaft. Tighten the wiper arm nut (not shown) to 10 foot pounds (14Nm).
7. Operate the wiper motor in low and high speeds. Using a garden hose, spray water on the windshield to simulate wet conditions. Make sure the wiper blade does not come into contact with the windshield moulding. Adjust the wiper arm sweep angle by loosening #414-1011 and sliding #308-1031 (see illustration). An adjustment of the wiper arm may also be necessary. Retighten the bolt to 10 foot pounds and run the system again, repeat step 7 until the desired sweep pattern is achieved.

