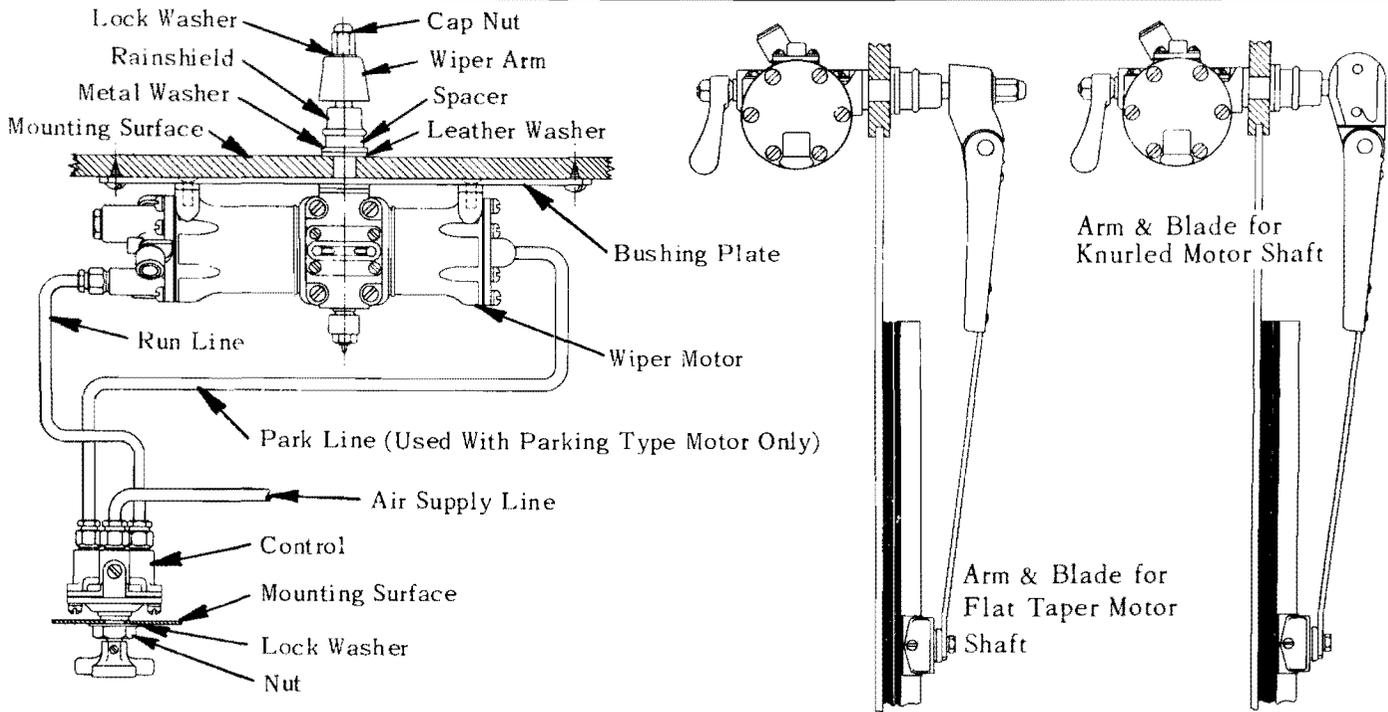


# Instructions for Installing the TRICO-FOLBERTH Air Pressure Windshield Wiper



## READ CAREFULLY BEFORE STARTING INSTALLATION

### MOTOR MOUNTING

Locate position of wiper motor so that blade will clear the greatest area of glass directly in line with the drivers vision. Be sure that the motor is installed far enough from the windshield side molding to allow full stroke of the blade. Drill 1/2" hole through windshield frame or header. Be sure that hole is drilled at right angles to glass. Insert wiper motor shaft into hole and check that mounting plate will rest flush against the mounting surface. Any uneven pressure at either end of the motor may tend to bend the bushing as the motor is tightened in place and bind the motor shaft. Fasten motor in place with nut and washers provided. Anchor ends of plate with screws to keep from turning.

### CONTROL

Locate control in any convenient position and drill 19/32" hole through mounting surface. Mount control with washer and nut provided. Install air lines as shown in illustration.

### ARM & BLADE (For Knurled Motor Shaft)

Non-parking type motor: Assemble arm and blade. Swing wiper shaft over to end of stroke and place arm and blade in position on windshield molding. Attach arm to knurled shaft, tighten the screw nearest the shaft first to take advantage of the maximum clamping effect. Move arm and blade back and forth by hand to make sure the blade does not strike the windshield frame at the end of the stroke. If blade is not prescribing the correct wiping arc, remove arm and blade and reinstall in the correct position.

Parking Type Motor: Start engine and wipe equipment and put control in the parked position. Assemble arm and blade. Attach arm to knurled shaft, tighten the screw nearest the shaft first to take advantage of the maximum clamping effect. Start wiper motor and check travel of blade. If blade is not prescribing correct wiping arc, remove arm and reinstall in the correct position.

### ARM & BLADE (For Flat Taper Motor Shaft)

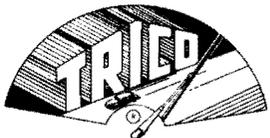
Follow the same procedure as outlined above except arm is attached to shaft with cap nut and lock washer.

### CONTROL ADJUSTMENT

Adjust needle valve for speed control. Loosen locking nut (5/16") and bottom needle valve gently. Turn back needle valve one half turn and tighten locking nut. With control knob turned on fully and with air pressure normally maintained in commercial vehicles the needle valve adjustment made above should permit a maximum ideal wiper speed of 120 single strokes per minute. Conditions may vary on individual vehicles which will require a slight re-adjustment of the needle valve to maintain this ideal maximum wiper speed.

### GENERAL

The wiper should require no attention except oiling about twice a year with a good light machine oil. It will give very satisfactory service when installed and operated as directed, and not subjected to tampering or abuse. The air supply line should be kept free from water, dirt, excessive grease or oil. Most air systems have a filter to keep the line free from foreign mater. A dirty air line is liable to clog the wiper passages. If there is no filter in the line, we recommend Trico Air Filter Spec. 4088-A (list \$8.20) or that a similar filter or strainer be placed between the air compressor and the wiper.



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