Windshield Wiper Arm and Blade Replacement
Windshield Wiper Arm Replacement

All Van Hool motorcoach models utilize similar windshield wiper mechanisms and washer components. The following presentation is applicable to all models and years.

Through the various models and years there have been several changes and updates to the wiper arms and blades. When replacing the windshield wiper blades, arms or both, take care to ensure that the correct parts are ordered based on the VIN of the coach undergoing the procedure.
Windshield Wiper Arm Replacement

Removing the Wiper Arms

Using a small pick or screwdriver, remove the protective caps. Remove the windshield washer supply tube.

Remove the two 15mm nuts holding the wiper arms to the wiper transmission linkage. Slide the wiper arms off the transmission linkage.
Windshield Wiper Arm Replacement

Reinstalling the Wiper Arms

Note: Be sure the wiper is properly centered and the wiper arms removed before performing the following steps.

When reinstalling the wiper arms it is important to verify the wiper motor linkage is properly centered. If it is not centered the linkage can bind and cause excessive stress on the motor which can shorten its life.

To be sure the wiper linkage is properly centered:

• Turn the master switch to the ignition position.
• Turn the wipers on using the wiper switch allowing the motor to cycle at least one time.
• Turn off the wipers using the wiper switch.
• Turn off the master switch.

Following these steps allows the wiper motor to make a complete cycle and stop in the park position.

Do not manually move the wiper linkage or turn the wipers off using the master switch.
Windshield Wiper Arm Replacement

Before installing wiper blades inspect and replace if necessary.

The wiper arm is mounted in the bracket which is attached to the wiper arm. Remove the pinch bolt and slide the wiper arm out of the bracket.

Note: Verify blades are the correct length before replacing.
Windshield Wiper Arm Replacement

To Set the Wiper Arm Position

On both sides of the windshield center post about halfway up, draw a mark about 3-1/8 inches (80mm) of the center post with a felt tipped pen. This is the location (reference mark) the wiper blades should rest at in the “park” position.

Install the wiper arms and position the wiper blades on the reference marks. Tighten the wiper arm nuts to 33 ft. lbs. (45 Nm) After 30 minutes, re-tighten the retaining nuts with the same torque (this must be done or they will come loose). The connection relaxes slowly over time, and by re-tightening the nuts you ensure a reliable connection. Refit the caps and reconnect the washer tubing.
Windshield Wiper Arm Replacement

Adjustments

If the blades are not parallel to the center post, pull the wiper arms down, remove the cap and loosen the adjusting nut.

Turn the wiper blade until it is parallel with the center post. Tighten the nut hand tight and refit the cap.
Windshield Wiper Arm Replacement

Adjusting the Windshield Washer Spray Nozzle

Nozzle spray can be adjusted by inserting a small pick into the nozzles and adjusting as needed.
For questions regarding this webcast please contact ABC’s Technical Service Department at 877.427.7278.

Listen for the prompts for Coach Technical Support, and select the appropriate option. Support is available at this number 24/7.