

Wipers and washers

WIPER OPERATION

NOTICE

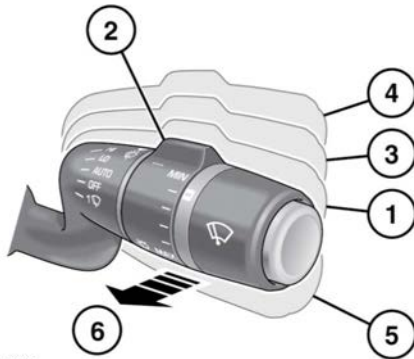
Do not operate the wipers on a dry windshield.

NOTICE

Remove any snow, ice, or frost from the windshield, around the wiper arms and blades, and the windshield scuttle, before operating the wipers.

NOTICE

To avoid damage to the hood, do not lift the wipers when they are in the normal parked position. See **192, WIPERS SERVICE POSITION**.



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Vehicles with a rain sensor:

1. Automatic Rain sensing mode: The front wipers will respond and adapt automatically to the ambient rain conditions, selecting the appropriate wiper frequency for the prevailing conditions. The sensitivity of the system can be adjusted by rotating the collar (2).

NOTICE

Make sure the wipers are switched off before entering a car wash. If the automatic Rain sensing system operates during the car washing process, damage may occur to the wiper mechanism.

2. Rotate the collar to adjust the sensitivity of the automatic Rain sensing mode when position (1) is selected. The higher the sensitivity position, the more responsive the system will become.

When automatic Rain sensing mode is selected, or when sensitivity is increased, the system will perform a single wipe.

3. Low speed continuous wipe.
4. High speed continuous wipe.
5. Single wipe of the windshield, or hold down for further continuous wipes.
6. Windshield wash/wipe: Pull and release to operate the front washers and wipers. The wipers will operate for 2 further wipes after the wiper/washer control is released. After a few seconds, a drip wipe will clear any residual washer fluid from the windshield. If more washer fluid is required, pull and hold the control position.

Note: A very short pull and release will operate the front washers only.

Note: The front wipers will not operate while the hood is open.

Vehicles without a rain sensor:

1. Intermittent wipe: The time delay between wipes can be adjusted by rotating the collar (2).

NOTICE

Make sure the wipers are switched off before entering a car wash. If the wipers operate during the car washing process, damage may occur to the wiper mechanism.

2. Rotate the collar to adjust the time delay between wipes when position (1) is selected. The higher the setting, the more frequently wipes will occur.

Note: Wipe frequency will increase with vehicle speed.

3. Low speed continuous wipe.
4. High speed continuous wipe.
5. Single wipe of the windshield, or hold down for further continuous wipes.
6. Windshield wash/wipe: Pull and release to operate the front washers and wipers. The wipers will operate for 2 further wipes after the wiper/washer control is released. After a few seconds, a drip wipe will clear any residual washer fluid from the windshield. If more washer fluid is required, pull and hold the control position.

Note: A very short pull and release will operate the front washers only.

Note: The front wipers will not operate while the hood is open.

Note: If the wipers leave smears on the glass after the vehicle has been washed, this may be due to wax or other residue. Should this occur, clean the glass with the recommended screen cleaning fluid. See **244, LUBRICANTS AND FLUIDS**.

Note: The windshield will no longer be wiped effectively and the automatic Rain sensing function will degrade if the wipers become worn. Always replace worn or damaged wiper blades as soon as possible. The wipers service position will move the wipers to allow wiper blade replacement. See **192, WIPERS SERVICE POSITION**.

Note: If the wiper blades become stuck or jammed, an electronic cut-out will temporarily halt the wiper operation. If this happens, switch off the wipers and the vehicle's ignition, when safe to do so. Clear any obstructions and free the wiper blades, before attempting to switch on the ignition.

RAIN SENSOR

The rain sensor is mounted on the inside of the windshield, behind the rear-view mirror. The sensor is able to detect the presence and amount of water on the windshield, and automatically activate the windshield wipers accordingly.

Note: Static droplets may not be detected on initial start-up. A single wipe should be used to clear the windshield.

Note: The **Wiper Rain Sensor** can be enabled/disabled via the **Vehicle Settings** menu. See **47, INSTRUMENT PANEL MENU**.

To activate the rain sensitive wipers, move the wiper/washer control to the **AUTO** position. The behavior of the system may be adjusted to the driver's preference by rotating the collar (2).

Note: If the wiper/washer control is turned to the **AUTO** position, the wipers will not operate if either of the front doors are open.

Note: In dry and often sunny conditions, optical influences and dirt accumulation on the windshield may result in the windshield wipers activating inadvertently. To prevent this, it is recommended that, under these conditions, the wiper/washer controls are returned to the **OFF** position.

Wipers and washers

SPEED-DEPENDENT MODE

If the vehicle's speed drops below 5 mph (8 km/h) with the wipers operating, the wipers will switch to the next lowest speed. When the vehicle's speed increases to over 5 mph (8 km/h), the original wiper speed setting will be restored.

Vehicles without a rain sensor fitted will also increase the frequency of the intermittent front wipe when the vehicle's speed increases.



This feature can be enabled/disabled by a Retailer/Authorized Repairer.

Note: The headlamps are washed alternately, to prevent the washer fluid from reducing the light output from both headlamps simultaneously.

DRIP WIPE

If the drip wipe function is configured, the wipers will operate a few seconds after a wash/wipe cycle has finished, to clear any remaining drips from the windshield.



This function can be enabled/disabled by a Retailer/Authorized Repairer.

HEADLAMP WASHERS

The headlamp power wash operates automatically with the windshield wash, and will operate only if the headlamps are switched on and there is sufficient washer fluid in the reservoir.

Headlamp wash operates every fourth operation of the screen washers, provided the headlamps are still switched on and approximately 10 minutes have elapsed since the last headlamp wash.

Switching the headlamps or the ignition off and back on again, will reset the cycle. See **57, LIGHTING CONTROL**, or **81, SWITCHING OFF THE ENGINE**.