WADE SENSING CONTROLS

Wade sensing should not be used during off-road driving, as rapid increases in water depth cannot be detected in time to deliver a warning message to the driver.

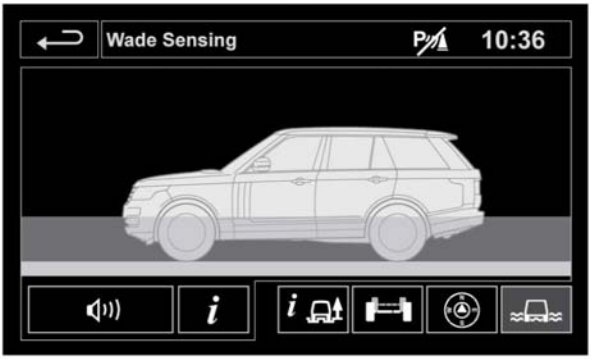
When entering water from a steep gradient, the water level may rise rapidly.

The wade sensing system cannot detect the true level of water if a layer of ice or snow exists on the surface.

Parking aid will not operate when wade sensing is active.

The wade sensing sensors are located on the underside of the exterior mirrors. The sensors, and the area below the sensors, must be kept clean and free from snow, ice, mud, and other debris. Failure to keep the sensors clean may result in sensor miscalculation.

Note: *The exterior mirrors must be in the normal (unfolded) position when using the Wade sensing system.*



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Wade sensing aids the driver while driving through water. Wade sensing can be turned on and off from the Touch screen **4x4i** or **Extra Features** menus. When selected, the Touch screen will display the current water depth and the maximum wading depth. The system will warn the driver as the maximum depth for wading approaches. Warnings take the form of messages on the Touch screen or in the Instrument panel, and a series of warning tones.

If the system's limitations are exceeded, the Touch screen's view will grey-out and the water depth will not be displayed.

Wade sensing is suspended if the vehicle's speed exceeds 10 km/h (6 mph), or the gradient exceeds 10°. Wade sensing will automatically reactivate if the vehicle's speed drops back down to 10 km/h (6 mph). If the vehicle's speed exceeds 30 km/h (19 mph) for 30 seconds, Wade sensing will automatically switch off.

Note: *Wading performance is improved if the vehicle's suspension is set to Off-road height. See* ***131, OFF-ROAD HEIGHT****.*

Note: *With* ***Off-Road 2*** *suspension height selected (see* ***131, OFF-ROAD HEIGHT****) and a shallow approach angle, a wading depth of up to 900 mm (35.4 in) is possible. Also make sure that departure from the water is also at a shallow angle. Shallow entry and departure angles will avoid the possibility of any part of the vehicle being submerged to a depth greater than specified.*

Note: *Wade sensing will not operate if the vehicle is fitted with fixed side steps. However, the system will operate with side tubes or deployable side steps, if they are in the retracted position.*

Note: *Wade sensing will not operate if the exterior mirrors are in the fold position.*

Note: *The Parking aid, Park assist, Flank guard, and Intelligent stop/start systems are all disabled when Wade sensing is operating.*