WIPER AND WASHER

■ DESCRIPTION

- A wiper system with a rain sensing function is available as standard equipment.
- This system has the following functions.

Function	Outline
Rain Sensing	Controls the wiping interval and speed in accordance with the amount of rain, vehicle speeds and taillight signals when the wiper switch is in the AUTO position.
Forced Wiping	When any one of the following conditions is met while wiping is controlled by the rain sensing function, the wiper ECU forcibly operates the wipers once. ● The wiper switch is turned from OFF to AUTO when the ignition switch is ON. ● The vehicle starts off. ● The automatic control adjuster is turned to the + direction. (to boost the sensitivity)
Fail-safe	When the wiper motor malfunctions, the wiper ECU terminates both the rain sensing function and the wiper operation.
	When the rain sensor malfunctions, the wiper ECU sets the wiper interval depending on the vehicle speed and the automatic adjuster position, as follows: ● While stationary: Approx. 4 to 13 sec, in accordance with the automatic control adjuster position. ● At low speeds*1: Approx. 3 to 11 sec, in accordance with the automatic control adjuster position. ● At normal speeds*2: Approx. 2 to 10 sec, in accordance with the automatic control adjuster position.
Washer-linked Wiper with Drip-prevention	To prevent the fluid from dripping after the washer has been operated, this function operates the wipers once after they have operated in unison with the washer.

*1: Approximately 6 to 23 km/h (4 to 14 mph) during acceleration. Approximately 4 to 16 km/h (2.5 to 10 mph) during deceleration.

*2: Approximately 23 km/h (14 mph) or more during acceleration. Approximately 16 km/h (10 mph) or more during deceleration.

▶ System Diagram ◀

