

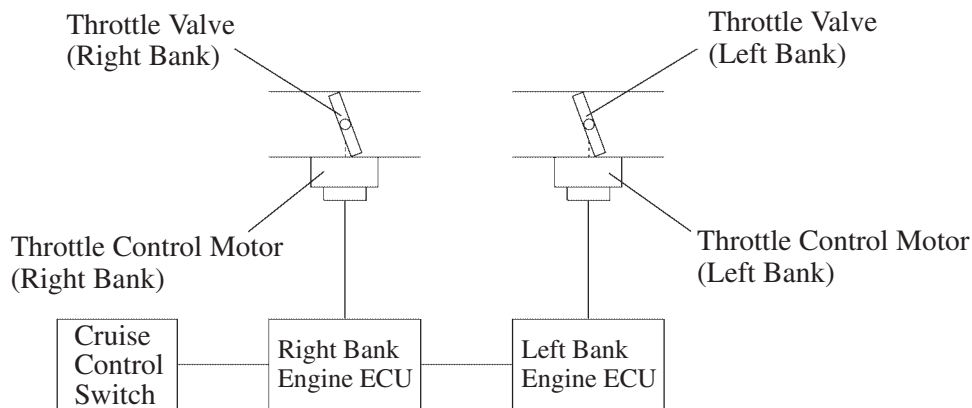
■ CRUISE CONTROL SYSTEM

Once the system is set to a desired vehicle speed, the engine throttle position is adjusted automatically to maintain the vehicle speed at that speed without depressing the accelerator pedal.

The cruise control system has the following features:

- The throttle control motors, which is a part of the ETCS-i, are used in the actuator for controlling the throttle valve.
- The cruise control ECU has been integrated with the right bank engine ECU. The right bank engine ECU sends a control signal to the left bank engine ECU.

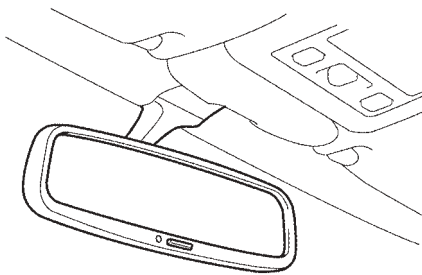
► System Diagram ◀



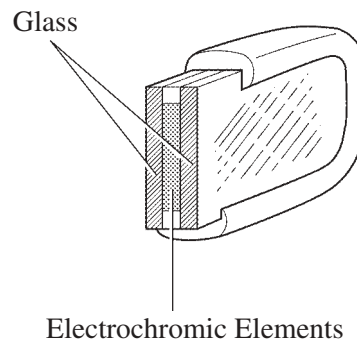
162BE31

■ AUTOMATIC GLARE-RESISTANT EC MIRROR SYSTEM

An automatic glare-resistant EC (electrochromic) mirror system has been adopted for the inner rearview mirrors. This system uses 2 sensors that are attached onto the inner mirror to detect the difference between the intensity of light entering the inner mirror from the rear of the vehicle, and of the light surrounding the vehicle. During nighttime driving, if a large difference in intensity exists between the surrounding light and the light entering the inner mirror from the headlights of the vehicle driving behind, this system automatically reduces the reflection rate of the inner mirror and thus dampens the glare on the mirror.



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EC Mirror Cross Section