

■ AUTOMATIC HEADLIGHT BEAM LEVEL CONTROL SYSTEM

1. General

- This system is used on all models with the optimal equipment HID headlight system.
- The automatic headlight beam level control system maintains the headlight LO beams at a constant level while the vehicle is stopping.
- This system is controlled by the headlight level control ECU. This ECU detects the vehicle posture via the height control sensor, detects the presence of the front passenger via the occupant detection sensor and the seat belt buckle switch, and detects the vehicle speed via the combination meter. The ECU then controls the headlight leveling actuator based on these pieces of information, in order to change the headlight reflector angle.

► System Diagram ◀

