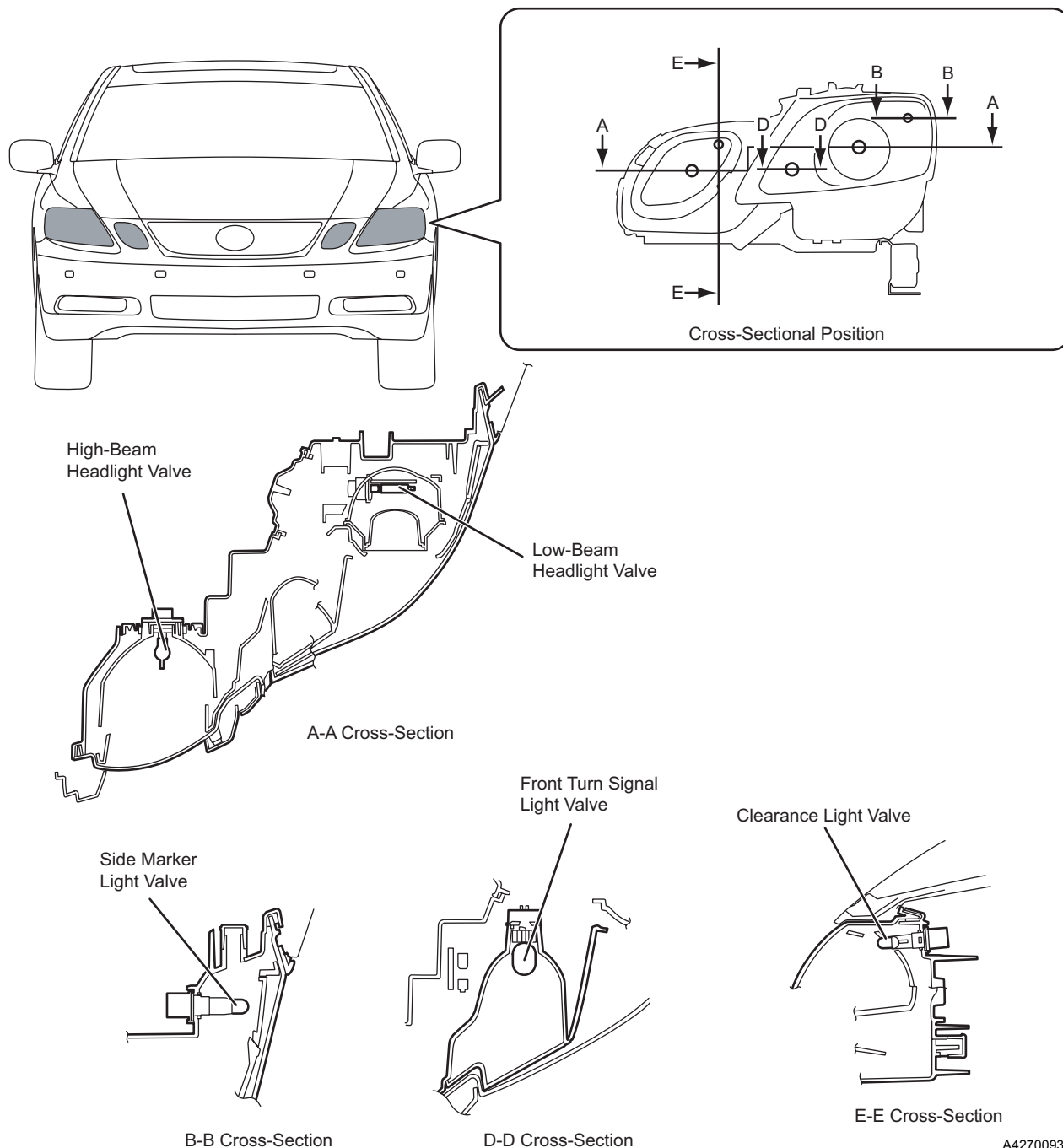


Head Light

- A front turn signal light and a clearance light are enclosed in the same lens as the headlight.
- Projector type, high-intensity discharge low-beam headlights are used.
- A swivel actuator for the swivel function is provided below the low beam bulb in the headlight. A headlight leveling actuator for the auto leveling function is provided behind the headlight. In addition, a light control ECU, which controls the illumination of the high-intensity discharge lights, is enclosed in the bottom of the headlight.



Headlight Specifications

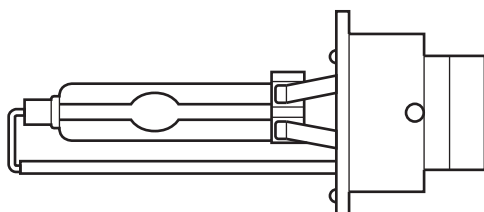
Light Names	Valve Specifications	Light Names	Valve Specifications
Low-Beam Headlight	12V 35W : D2S	Clearance Light	12V 5W
High-Beam Headlight	12V 60W : HB3	Front Turn Signal Light	12V 21W : Amber

The Feature Of The High-Intensity Discharge Headlight

- The high-intensity discharge headlights use HID (High-Intensity Discharge) bulbs as the light source.
- An HID bulb emits a light that has a natural, daylight color that is close to the sunlight and illuminates the area forward of the vehicle to a considerable distance. Therefore, it enhances the visibility of the driver. In addition, it offers the advantages of low electrical consumption, thus minimizing the load on the battery, as well as furnishing a long bulb life.
- The high-intensity discharge headlights are provided with a compact and lightweight light control ECU that realizes an instantaneous illumination of the bulbs and a stable power supply. In addition, the headlights are provided with an auto leveling function that keeps the vertical optical axes constant, as an antiglare measure for the vehicles in oncoming traffic.

The Components Of The HID Bulbs

- Mercury-free HID bulbs are used to reduce the environmental impact while enhancing light distribution.
- The arc tube of the HID bulb is filled with an inert gas (xenon) and metal iodes (zinc, sodium, scandium). The voltage that is applied to the base of the bulb and the lead wire cause arcs to be discharged inside the arc tube.
- The outer tube of the arc tube is made of UV-reduction glass, which absorbs ultraviolet rays. Thus, the amount of radiation of ultraviolet rays is reduced to the level of a halogen bulb.



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