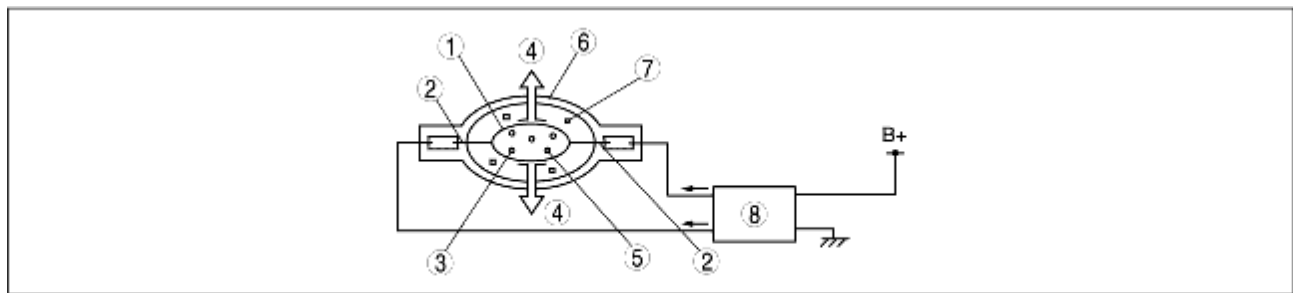


DISCHARGE HEADLIGHT OPERATION

B3E000001052T09

1. A high voltage pulse (alternating current approx. **25,000 V**) travelling from the discharge headlight control module is applied between both discharge headlight bulb terminals, energizing the xenon gas in the bulb.
2. Due to the energizing of the xenon gas, the temperature of the discharge headlight bulb interior increases, vaporizing the mercury and discharging an arc.
3. Due to the mercury and discharging of the arc, the temperature of the discharge headlight bulb interior increases further, metallic iodide is vaporized and separated, and metallic atoms are discharged, producing light.



1	Metallic atoms
2	Terminal
3	Metallic iodide
4	Light
5	Mercury
6	Discharge headlight bulb
7	Xenon gas
8	Discharge headlight control module