

## INTENSITY MEASUREMENT

M1542001000204

1. Set the headlights to high-beam
2. Using a photometer, and following its manufacturer's instruction manual, measure the headlight center intensity and check to be sure that the limit value is satisfied.

**Limit: 40,000 cd or more {When a screen is set 18.3m (60.0 feet) ahead of the vehicle}**

*NOTE: When measuring the intensity, maintain an engine speed of 2,000 r/min, with the battery fully charged.*

*There may be special local regulations pertaining to headlight intensity. Be sure to make any adjustments necessary to satisfy such regulations.*

*If an illuminometer is used to make the measurements, convert its values to photometer values by using the following formula.*

**I = Er<sup>2</sup> Where:**

- I = intensity (cd)
- E = illumination (lux)
- r = distance (m) from headlights to illuminometer

### CAUTION

1. **On the headlight not yet adjusted, perform aiming with connector removed and the lights switched off, if applicable. In addition, care should be taken to prevent a change of optical axis when connector is reconnected.**
2. **Plastic outer lens are equipped with headlights. When lens surface is covered with materials for not penetrating light, headlight operation time should be within 3 minutes. In addition, masking such as taping should not be performed.**