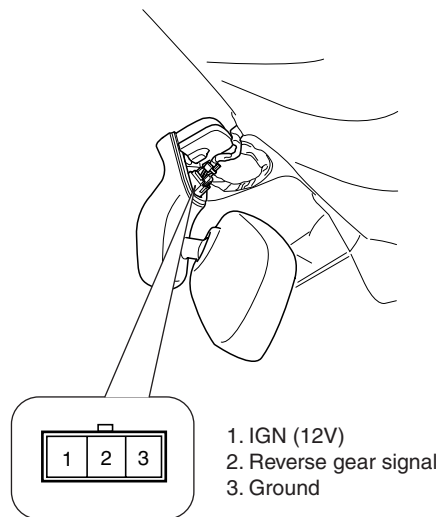


Body Electrical System

ELECTROCHROMIC INSIDE REAR VIEW MIRROR

DESCRIPTION E6DC1B1D

The ECM (ElectroChromic inside rear view Mirror) is for dimming the reflecting light from a vehicle behind at night, in order the user not to be dazzled by the light. The front looking sensor detects brightness of the surroundings, while the rearward looking sensor the strength of the reflecting light so that adjusts the reflexivity of the mirror in the range of 7~85%. But, when the reverse gear is engaged, it stops functioning.



ETRF410A

1. The front looking sensor sees if the brightness of the surroundings is low enough for the mirror to operate its function.
2. The rearward looking sensor detects glaring of the reflecting light from a vehicle behind.
3. The ECM is darkened to the level as determined by the rearward looking sensor. When the glaring is no longer detected, the mirror stops functioning.

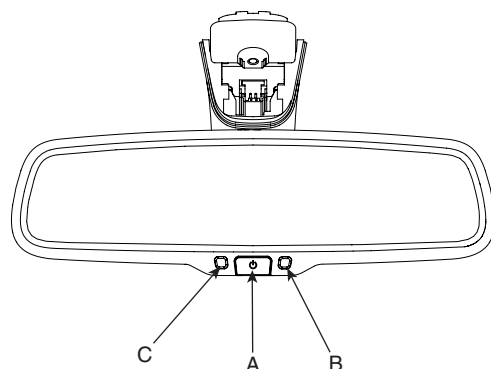
AUTOMATIC DIMMING FUNCTION EB7936AE

To protect your vision during nighttime driving, your mirror will automatically dim upon detecting glare from the vehicles traveling behind you. The auto-dimming function can be controlled by the dimming ON/OFF button (A):

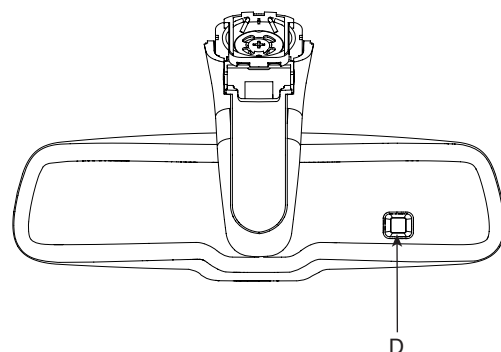
1. Pressing and holding the feature control button (A) for more than 3 but less than 6 seconds turns the auto-dimming function OFF which is indicated by the green Status Indicator LED (C) turning off.
2. Pressing and holding the feature control button (A) again for more than 3 but less than 6 seconds turns the auto-dimming function ON which is indicated by the green Status Indicator LED (C) turning on.

NOTE

1. The mirror defaults to the "ON" position each time the vehicle is started.
2. The display may change state (ON/OFF) during this 3 second hold time.



ETQF241A



ETQF241B

INSPECTION

EFE91A06

Check it by the procedure below to see if the function of the ECM is normal.

1. Turn the ignition key to the "ON" position.
2. Cover the front looking sensor (D) to stop functioning.
3. Shed a light to the rearward looking sensor (B).
4. The ECM should be darkened as soon as the rearward looking sensor detects the glaring of the light.

**NOTE**

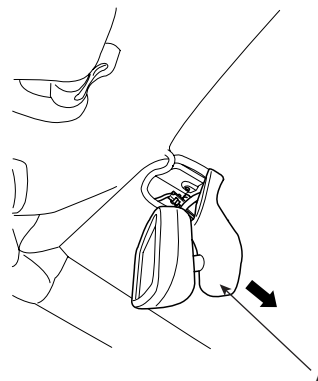
If this test is performed in daytime, the ECM may be darkened as soon as the front looking sensor is covered.

5. When the reverse gear is engaged, the ECM should not be darkened.
6. When shedding lights to both the front looking and rearward looking sensors, the ECM should not be darkened.

REPLACEMENT

E68B9B6B

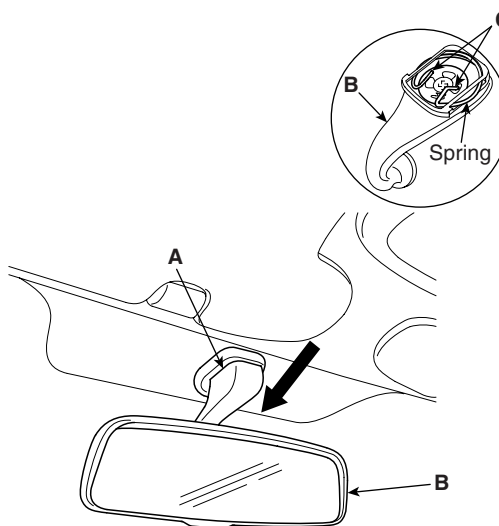
1. Push the inside rear view mirror base down to remove the inside rear view mirror assembly (A) after removing the mirror wire cover.



KTRE410C

**NOTE**

Mirror it adheres closely in the mirror base (A) and it separates while removing the mirror (B). Make sure the spring mounting bracket (C) of the mirror not to be damaged.



ETRF410D

2. Installation is the reverse of removal.