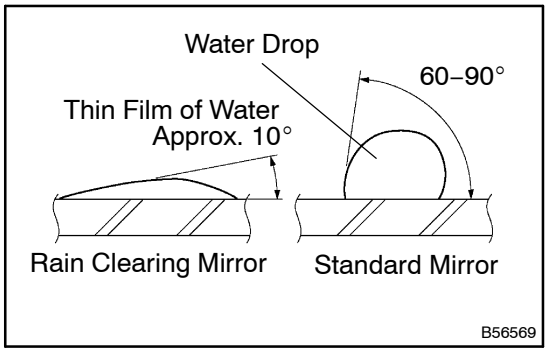
RAIN CLEARING MIRROR

ADJUSTMENT

700BX–01



1. INSPECT AND ADJUST RAIN CLEARING MIRROR

(a) Inspection

(1) Spray water on the mirror surface.

(2) Check that the sprayed water does not bead up on the mirror surface but becomes a thin film of water (hydrophilic) over the surface.

HINT:

- Inspection should be done by comparing the right and left mirrors, or comparing it with a normal one of a new vehicle.
- The rain clearing effect might temporarily become less in the following situations. In each situation, the effect can be recovered by cleaning the mirror surface and exposing it to the sun light.
- When wax removing agent has adhered to the mirror surface.
- When wax has adhered to the mirror surface.
- When touching the mirror surface with bare hands.
- When dirt on the mirror is wiped off with an oily cloth.
- When the vehicle is left for a long time in a place where the sun light cannot reach, such as underground.

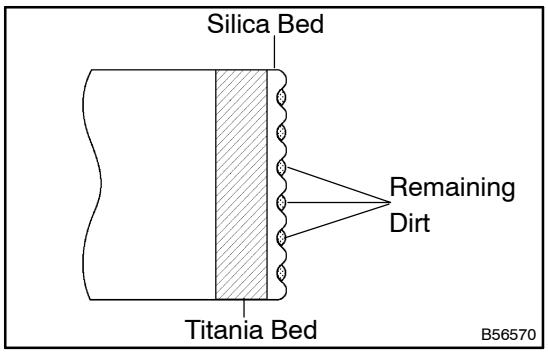
(b) Cleaning

(1) Clean the mirror surface with water, and wipe off dirt.

(2) After cleaning the mirror surface with a soft cloth and car shampoo or glass cleaner, remove the remaining cleaner by thoroughly rinsing the mirror with water.

NOTICE:

- **Using water repellent for glass will cause the mirror to lose its rain clearing effect.**
- **Do not rub the mirror surface with a scraper or oil film remover (compound, etc.).**
- **Using car shampoo or glass cleaner mixed with silicon decrease the rain clearing effect.**



(c) Exposing the vehicle to ultra violet rays.

(1) Leave the vehicle outdoors for 3 to 5 hours, and expose the mirror surface to the sun light.

HINT:

Since the surface of the silica bed on the mirror surface is uneven, some dirt which cannot be removed only by cleaning remains in pores of the surface. Because of this the full hydrophilic effect cannot work on the mirror surface. Due to this, dirt in the pores needs to be scientifically cleaned by exposure to ultra violet rays, which is called the self–cleaning effect,