

<b>Subject:</b>  <b>SUNROOF DOES NOT MOVE</b>	<b>Bulletin No:</b> 09-007/11
	<b>Last Issued:</b> 02/23/2011

## BULLETIN NOTE

- This bulletin supersedes the previous bulletin 09-033/09, issued on 07/07/2009. The APPLICABLE MODEL(S)/VINS has been revised.
- Changes are noted below in Red beside the change bar.

## APPLICABLE MODEL(S)/VINS

2010-2011 Mazda3

2012 Mazda5

2009-2011 Mazda6

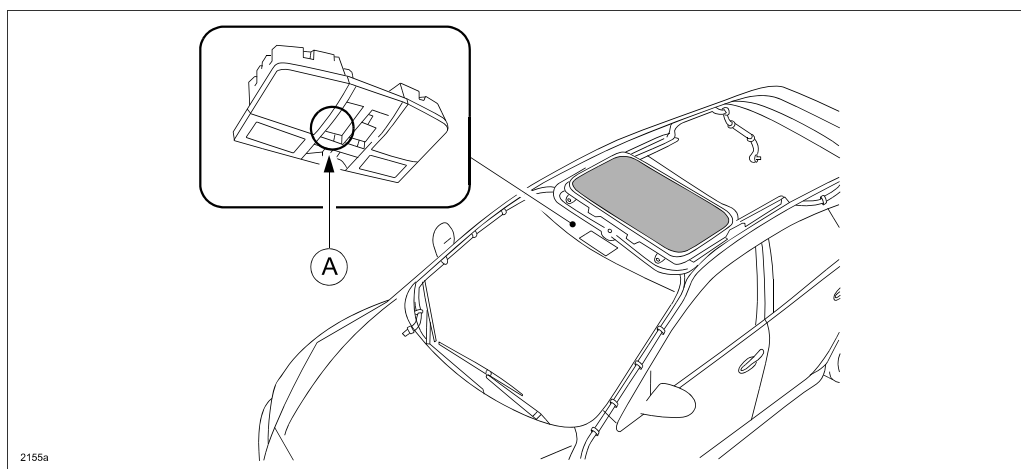
2007-2011 CX-7

2007-2011 CX-9

2007-2011 RX-8

## DESCRIPTION

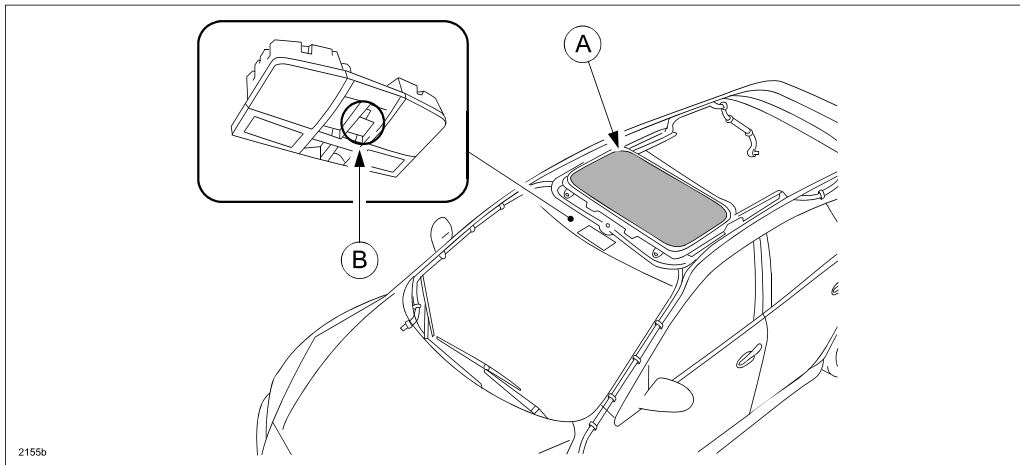
If the sunroof cannot be opened or closed by the slide switch (A), it may be because the sunroof controller is locked in the initialization mode. The initialization mode only allows the tilt-up switch to operate in 30mm (1.2in) strokes. The strokes will continue and stop at the full tilt-up position. The concern can be resolved by canceling the sunroof controller initialization mode.



## CAUSE

The following conditions can cause the sunroof controller to be locked in the initialization mode.

1. Disconnecting a sunroof wiring connector, fuse or battery terminal during sunroof operation.
2. Manually pushing open an already fully opened sunroof further while the ignition is "on" and it goes out of alignment.
3. Manually pushing the sunroof panel (A) towards the tilt-up direction, while the ignition is "on" and it goes out of alignment.
4. Pushing the tilt-up switch continuously for over 13 seconds (B).



Customers having this concern should have their vehicle repaired using the following service procedure.

## CANCELING THE SUNROOF CONTROLLER INITIALIZATION MODE

For details, please refer to MS3 online or Workshop Manual "Sunroof Motor Assembly Note":

- Mazda3 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)
- Mazda5 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)
- Mazda6 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)
- CX-7 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)
- CX-9 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)
- RX-8 (section 09-15 SUNROOF UNIT DISASSEMBLY/ASSEMBLY)

1. Keep pressing the tilt-up switch (B), to move the sunroof glass to the full tilt-up position (the mechanical stopper position where the glass cannot move any further).
2. After the glass is moved to the full tilt-up position (mechanical stopper position), it will tilt down slightly and cancel the initialization mode.
3. Verify repair.