

	GROUP CLI	MODEL 2014MY+ Models
	NUMBER PS472 (Rev 1, 11/15/2016)	DATE October 2016



TECHNICAL OPERATIONS

SUBJECT: HVAC VENTILATION LOGIC OPERATION

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

Starting with 14MY Soul (PS) (with the exception of PSEV) and complete new models such as K900 (KH), Sedona (YP), Sorento (UMa), Optima (JFa), Sportage (QL), and 17MY Forte (YD, YDm), etc., equipped with a sunroof, a ventilation logic has been applied in order to prevent exhaust gases flowing into the vehicle due to the pressure difference (inside vs outside) that is generated when driving with the sunroof open. This logic allows the system to automatically switch from RECIRCULATION to FRESH mode when the sunroof is open.

Logic of Operation:

- A/C control unit receives the sunroof open/close data via CAN communication line.
- Activation: Sunroof is opened → System changes from RECIRCULATION to FRESH mode.
- Deactivation:
 - Close the sunroof (the system will automatically switch back to the previous mode).
 - Manually push the RECIRCULATION mode button (if the sunroof is still open, the system will automatically switch back to FRESH mode after 3 minutes).

* NOTICE

There is no permanent deactivation. The system will always activate FRESH mode when the sunroof is opened due to having a different logic than in previous model years.

