

Air Distribution and Filtering

NOTE: The air distribution system of this vehicle is factory equipped with a cabin air filter.

There are 2 sources of air available to the air distribution system:

- Outside air
- Recirculated air

Recirculated air is only used when the HVAC module is set to the MAX A/C and OFF modes.

Air distribution within the vehicle is determined by the function selector switch position. Airflow mode doors are used to direct airflow within the plenum chamber. Electric mode door actuators are used to position the airflow mode doors. Refer to [Section 412-00](#) for a description and operation of each mode.

Air enters the passenger compartment from the:

- instrument panel registers.
- floor ducts.
- windshield defroster duct.
- side window demisters.

Passenger compartment air is exhausted from the vehicle through open windows or body air vents.

Cabin Air Filter

The cabin air filter is located under the RH cowl vent screen. To install a new cabin air filter, remove the RH cowl vent screen. Refer to [Section 501-02](#).

Plenum Chamber

The plenum chamber is used to distribute airflow from the heater core and evaporator core housing to the airflow outlets. It is mounted to the instrument panel and can be replaced separately from the heater core and evaporator core housing. The plenum chamber contains the PANEL and DEFROST mode doors which cannot be separately replaced.

Air Inlet Duct

The air inlet duct is used to switch between FRESH and RECIRCULATED air inlet. It is mounted to the heater core and evaporator core housing and can be replaced separately. The air inlet duct contains the air inlet mode door which cannot be separately replaced.
