

DESCRIPTION AND OPERATION (Continued)

System Response

Control Assembly Selection	Blend Door Response	Floor-Panel Door Response	Panel-Defrost Door Response	Recirc — Outside Air Door Response	Blower Response (Unless Manually Overridden)	A/C Clutch Response
Off	Remains fixed	Air to plenum	Fixed in defrost	Fixed in recirc	Blower off	Clutch off
Auto	Varies according to sensor temperatures and customer temperature selection. Door is in heat position when sensors are cool — door is in A/C position when sensors are hot.	Air to floor during heating; air to plenum during cooling; air to both between heating and cooling.	Air to defrost nozzle during heating; air to panel during cooling.	Fixed in recirc when engine temp. is below 120°F and heating req'd. Recirculates air when maximum air conditioning is required. Otherwise uses outside air.	Variable blower speeds when engine coolant temp. is above 120°F or A/C required. Blower is off when engine coolant is below 120°F and heating is required.	Clutch on if outside temperature is above 50°F.
A/C		From OFF or AUTO, air to plenum. Otherwise air is directed per mode override (i.e., floor, panel, defrost).	From OFF or AUTO, fixed in panel. Otherwise, door position is per mode override (i.e., floor, panel, defrost).	Recirculates air when maximum air conditioning is required. Otherwise uses outside air.	Variable blower speeds	Clutch on if outside temperature is above 50°F. Clutch will toggle on and off as A/C button is toggled on and off.
Panel		Air to plenum	Fixed in panel			
Panel & floor		Air to plenum and floor				
Floor		Air to floor	Fixed in defrost	Fixed in outside air		
Floor & defrost		Air to plenum and floor				Although clutch is always on if outside temperature is above 50°F, A/C indicator may be toggled on and off.
Defrost		Air to plenum				

CCL 2638-C

A Self Test feature has been included in the control assembly to supply the technician with air distribution error codes. These codes direct the technician to the damaged component. The Self Test is described as outlined.