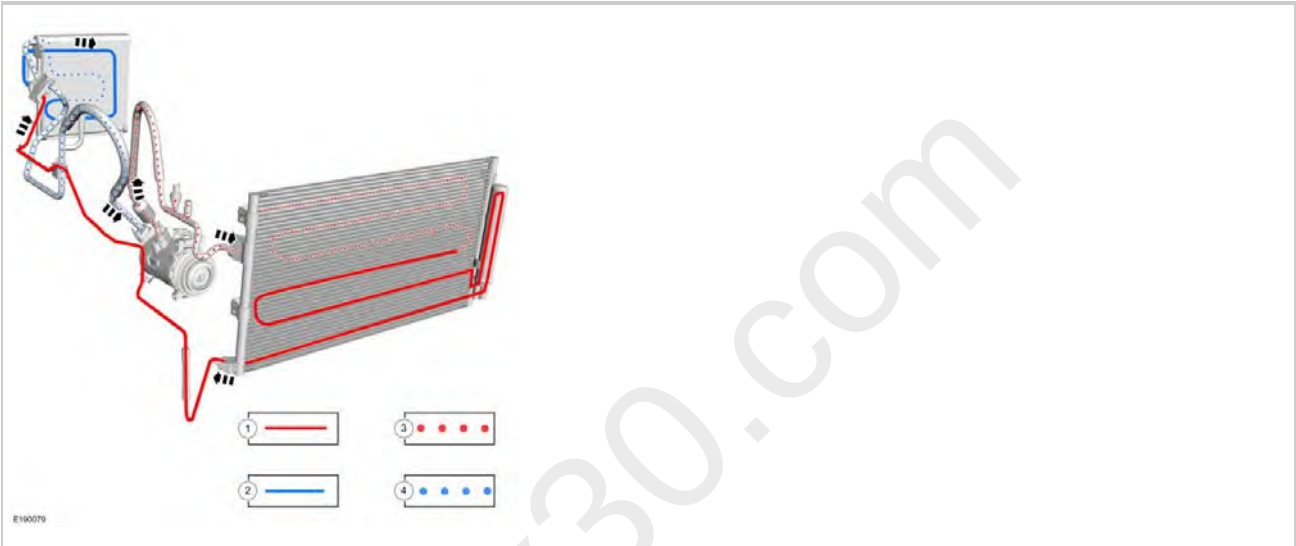


The following statements apply to this refrigerant system:

- The PCM controls the A/C clutch relay.
- The evaporator temperature sensor monitors the temperature of the air that has passed through the evaporator core and sends a signal to the PCM. If the temperature of the evaporator core discharge air is low enough to cause the condensed water vapor to freeze, the A/C clutch is disengaged by the PCM.
- The line pressure is monitored so that A/C compressor operation is interrupted if the system pressure becomes too high or too low.
- The A/C compressor relief valve opens and vents refrigerant to relieve unusually high system pressure.



Item	Description
1	High pressure liquid
2	Low pressure liquid
3	High pressure vapor
4	Low pressure vapor

**DESCRIPTION AND OPERATION > CLIMATE CONTROL SYSTEM - VEHICLES WITH:
ELECTRONIC MANUAL TEMPERATURE CONTROL (EMTC) - SYSTEM OPERATION
AND COMPONENT DESCRIPTION > CONTROL SYSTEM LOGIC**

When the customer directly inputs an A/C request into the FCIM, the module sends the request to the GWM over the MS-CAN. The GWM sends the request to the PCM over the HS-CAN. The PCM controls the A/C clutch relay. The GWM also sends the climate control button status to the IPC.

The FCIM requires Programmable Module Installation (PMI) when it is replaced.