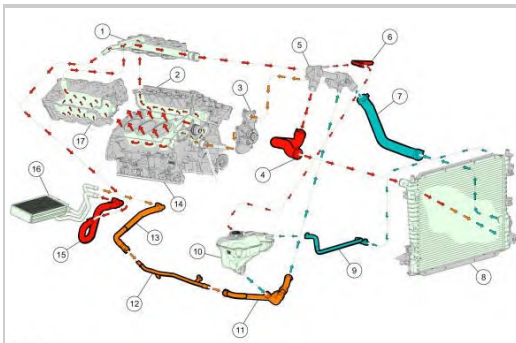




Item	Description
1	Intake manifold
2	LH cylinder head
3	Coolant pump
4	Upper radiator hose
5	Thermostat housing
6	Thermostat housing-to-degas bottle hose
7	Lower radiator hose
8	Radiator
9	Radiator-to-degas bottle hose
10	Degas bottle
11	Coolant return hose
12	Heater outlet tube
13	Heater outlet hose
14	Cylinder block
15	Heater inlet hose
16	Heater core
17	RH cylinder head

DESCRIPTION AND OPERATION > ENGINE COOLING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SYSTEM OPERATION

Engine coolant flows primarily from the engine to the radiator circuit and back to the coolant pump. Coolant is sent from the coolant pump through the engine block and cylinder heads. A separate circuit from the engine also feeds the heater core with coolant. The coolant pump, operated by engine rotation through the accessory drive belt, circulates the coolant. The coolant thermostat is a control valve actuated by coolant temperature. When the thermostat is closed, coolant flow bypasses the radiator circuit and returns to the coolant pump. When the thermostat is opened, coolant flows through the radiator circuit to transfer engine-generated heat to the outside air.