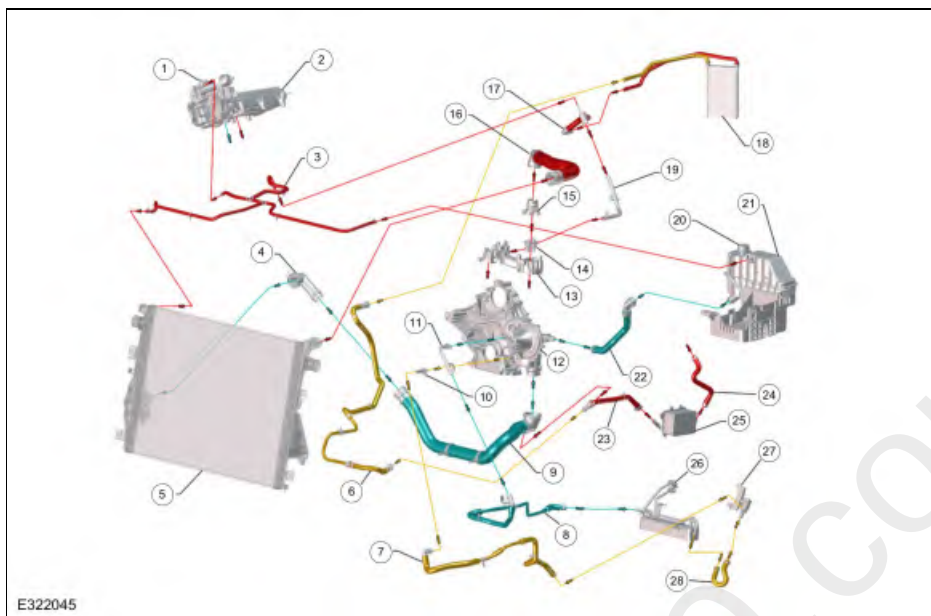


Engine Cooling - Component Location

NOTE: Coolant temperature will vary with ambient temperature and load. Temperatures shown are for ambient temperature of 38°C (100°F). Red arrows indicate a temperature over 90°C (194°F), Orange arrows indicate a temperature of approximately 90°C (194°F), Blue arrows indicate a temperature below 90°C (194°F).

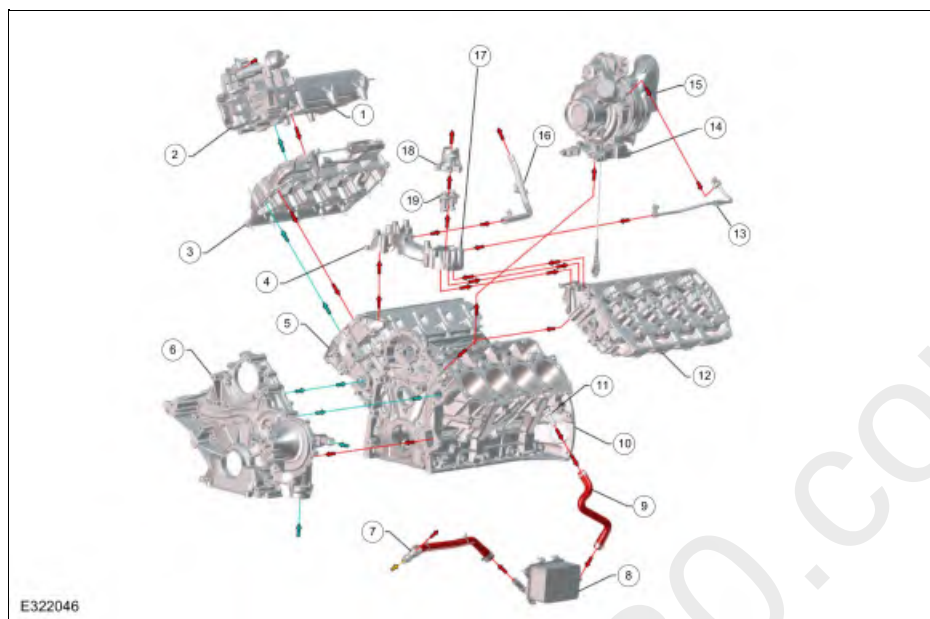
Radiator



Item	Description
1	EGR valve and bypass assembly
2	EGR cooler
3	Radiator overflow hose
4	Lower radiator coolant tube
5	Radiator
6	Heater outlet hose
7	Transmission cooler outlet hose
8	Transmission cooler inlet hose
9	Lower radiator hose
10	Transmission oil cooler inlet
11	Transmission oil cooler inlet tube
12	Front cover assembly
13	Coolant crossover manifold assembly
14	Thermostat assembly
15	Coolant outlet connector
16	Upper radiator hose
17	Heater inlet hose
18	Heater core
19	Heater inlet tube
20	Pressure relief cap
21	Degas bottle
22	Degas bottle-to-engine hose

23	Engine oil cooler outlet hose
24	Engine oil cooler inlet hose
25	Engine oil cooler
26	Transmission oil cooler
27	Transmission fluid heater coolant control valve
28	Transmission fluid heater coolant control valve inlet hose

Engine



Item	Description
1	EGR cooler
2	EGR valve and bypass assembly
3	RH valve cover
4	Coolant crossover manifold assembly
5	RH cylinder head
6	Front cover assembly
7	Engine oil cooler outlet hose
8	Engine oil cooler
9	Engine oil cooler inlet hose
10	Cylinder block
11	Engine oil cooler inlet connector
12	LH cylinder head
13	Turbocharger coolant outlet hose
14	Turborcharger housing support
15	Turbocharger
16	Heater inlet tube
17	ECT sensor
18	Coolant outlet connector
19	Thermostat assembly