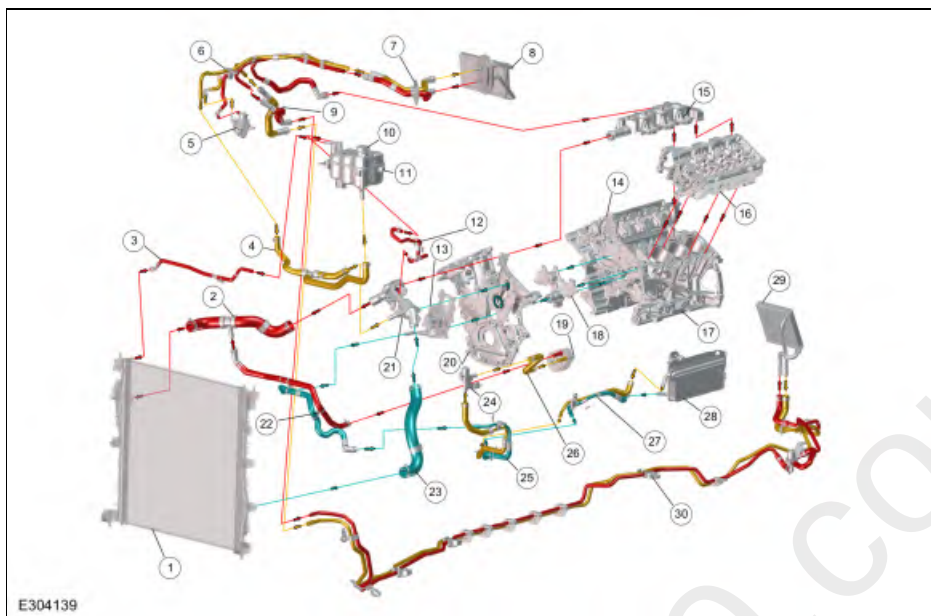


Description and Operation

## Engine Cooling - Component Location

**NOTE:** Coolant temperature will vary with ambient temperature and load. Temperatures shown are for ambient temperature of  $38^{\circ}\text{C}$  ( $100^{\circ}\text{F}$ ). Red arrows indicate a temperature over  $82.2^{\circ}\text{C}$  ( $180^{\circ}\text{F}$ ), Orange arrows indicate a temperature of approximately  $82.2^{\circ}\text{C}$  ( $180^{\circ}\text{F}$ ), Blue arrows indicate a temperature below  $82.2^{\circ}\text{C}$  ( $180^{\circ}\text{F}$ ).

### Base models



| Item | Description                        |
|------|------------------------------------|
| 1    | Radiator                           |
| 2    | Upper radiator hose                |
| 3    | Radiator-to-degas bottle hose      |
| 4    | Degas bottle hose                  |
| 5    | EGR valve                          |
| 6    | Heater inlet hose                  |
| 7    | Heater outlet hose                 |
| 8    | Heater core                        |
| 9    | Heater hose assembly               |
| 10   | Pressure relief cap                |
| 11   | Degas bottle                       |
| 12   | Degas bottle hose                  |
| 13   | Coolant pump                       |
| 14   | RH cylinder head                   |
| 15   | Intake manifold                    |
| 16   | LH cylinder head                   |
| 17   | Cylinder block                     |
| 18   | Channel cover plate                |
| 19   | Engine oil cooler                  |
| 20   | Engine front cover                 |
| 21   | Thermostat housing                 |
| 22   | Transmission oil cooler inlet hose |