

ENGINE COOLING – INGENIUM I6 3.0L PETROL (G2344343)

SPECIFICATIONS

Lubricants, Fluids, Sealers and Adhesives

COOLANT	SPECIFICATION
Coolant	Texaco Havoline Extended Life Coolant (XLC) or any glycol based engine coolant containing no methanol with only Organic Acid Technology (OAT) corrosion inhibitors
Coolant concentration - Will provide frost protection to -40°C (-40°F)	50%
Specific gravity of coolant at 20°C (68°F), to protect against frost down to -40°C (-40°F)	1.071

Capacities

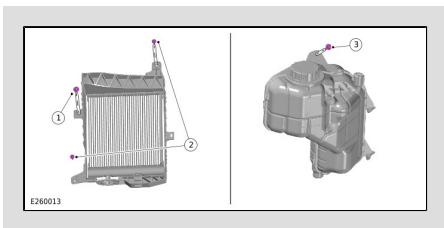
ITEM	CAPACITY (LITERS/PINTS/US QUARTS)
Cooling system capacity	12.4 / 21.8 / 13.1

General Specification

ITEM	SPECIFICATION
Front Electric Cooling Fan	500 W
Cooling System Type	Pressurised, thermostatically controlled with remote header tank
Cooling System Type	Pressurised with integrated level sensor
Expansion Tank	200 kPa
Pressure Cap Rating	Vertical flow 27 mm core with integrated drain plug
Thermostat	Wax element (heated)
Starts To Open	101°C (214 °F)
Fully Open	111°C (232 °F)

Torque Specifications

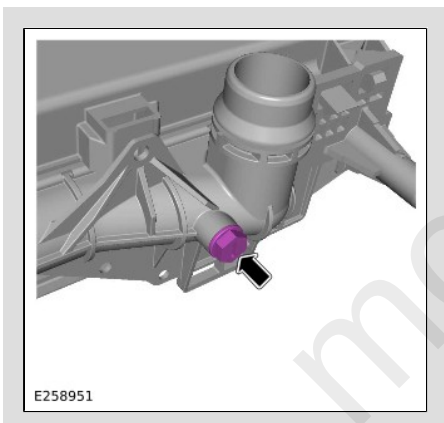
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT	LB-IN
1	Auxiliary radiator nut	9	-	79
2	Auxiliary radiator bolts	9	-	79
3	Coolant expansion tank bolt	2.8	-	25

Torque Specifications

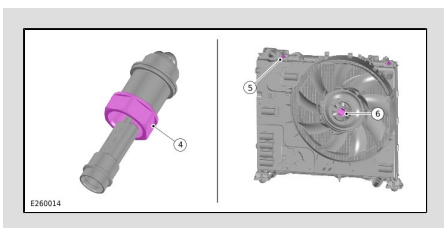
COMPONENT TORQUE LOCATION



DESCRIPTION	NM	LB-FT	LB-IN
Radiator drain plug	3.5	-	31

Torque Specifications

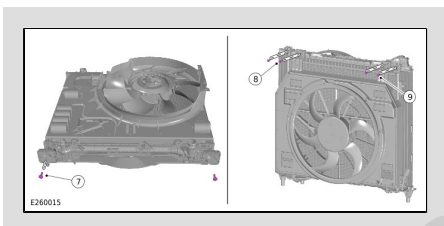
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT	LB-IN
4	Block heater	55	41	-
5	Viscous cooling fan bolt	65	48	-
6	Viscous cooling fan shroud bolts	7	-	62

Torque Specifications

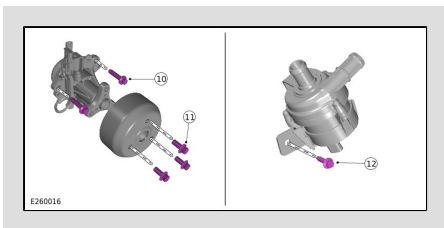
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT	LB-IN
7	Cooling module lower mount screws	15	11	-
8	Front electric cooling fan bolts	7	-	62
9	Radiator bolts	4.5	-	40

Torque Specifications

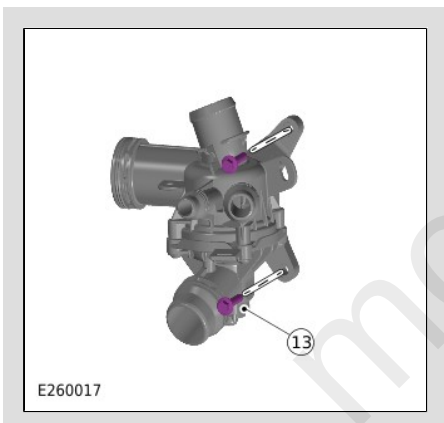
COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT	LB-IN
10	Coolant pump bolts	12	9	-
11	Coolant pump pulley bolts	25	18	-
12	Charge air cooler coolant pump bolt	5.4	-	48

Torque Specifications

COMPONENT TORQUE LOCATION



	DESCRIPTION	NM	LB-FT	LB-IN
13	Coolant degas separator bolts	12	9	-