

1.2 Specifications

Cooling system

Antifreeze mixture:	
50% antifreeze	Protection down to -37°C
55% antifreeze	Protection down to -45°C

Note: Refer to antifreeze manufacturer for latest recommendations.

Brakes

Friction material minimum thickness:	
Front brake pads	2.0 mm
Rear brake pads	2.0 mm
Rear brake shoes	1.0 mm

Torque wrench settings

	Nm	lbf ft
1.7 litre SOHC engine		
Alternator:		
Alternator-to-bracket bolts – M10	46	34
Alternator-to-bracket bolts – M8	25	18
Alternator bracket-to-cylinder block bolts	35	26
Alternator lock bolt to tension rail	35	26
Compressor drivebelt tensioner centre bolt	45	33
Fuel filter mounting plate nuts	25	18
Oil filter	15	11
Roadwheel bolts	110	81
Sump drain plug	10	7
1.7 litre DOHC and 2.0 litre engine		
Balance weight to driveshaft	10	7
Engine mounting to body	45	33
Engine mounting to subframe	55	41
Fuel filter housing cover centre bolt	6	4
Oil filter housing cover	25	18
Roadwheel bolts	110	81
Sump drain plug:		
1.7 litre	78	58
2.0 litre	18	13

Lubricants and fluids

Refer to *Weekly checks*

Capacities

Engine oil	
Including oil filter	5.0 litres
Excluding oil filter	5.4 litres
Difference between MIN and MAX on dipstick	1.0 litre
Cooling system	
1.7 litre DOHC engine	7.1 litres
1.7 litre SOHC engine	8.7 litres
2.0 litre engines	7.9 litres
Transmission	
1.7 litre engine	1.6 litres
2.0 litre engine	1.8 litres
Washer fluid reservoir	
Without headlight washers	2.3 litres
With headlight washers	4.5 litres
Fuel tank	
Astra models	52 litres
Zafira models	58 litres

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