

Engine overview

Code Letters	AFC	AEB	APB	AHA	ATQ
Manufactured from	11.94	11.94	09.99	02.97	
Cylinders / valves per cylinder	6 / 2	4 / 5	6 / 5	6 / 5	6 / 5
Capacity liters	2.771	1.781	2.671	2.771	2.771
Output kW / rpm	128 / 5500	110 / 5700	187 / 5800	142 / 6000	142 / 6000
Torque Nm / rpm	245 / 3000 250 / 3000 ¹⁾	210 / 1750	258 / 1800-4500	280 // 3200	280 // 3200
Bore dia. - mm	82.5	81.0	81.0	82.5	82.5
Stroke mm	86.4	86.4	86.4	86.4	86.4
Compression ratio	10.3:1	9.5:1	9.3:1	10.6:1	9.9:1
Hyd. valve lifters	Yes	Yes	Yes	Yes	Yes
Fuel and Ignition System	Multi-Point Injection	Motronic	Motronic	Motronic	Motronic
Octane min.	95 ²⁾	95	98 ³⁾	98 ³⁾	
<p>¹⁾ If unleaded premium plus 98 octane is used.</p> <p>²⁾ Unleaded premium plus 98 octane is also approved.</p> <p>³⁾ Unleaded 95 octane is also approved, though it yields less power.</p>					

Code Letters	AFC	AEB	APB	AHA	ATQ
Exhaust Gas	Yes	No	No	No	No
Recirculation (EGR)					
OBD with DTC Memory	Yes	Yes	Yes	Yes	Yes
Exhaust emission control	Three Way Catalytic Converter (TWC)				
Oxygen Sensor (O2S) Control	Yes	Yes	Yes	Yes	Yes
Electronic throttle control (E-Gas)	No	No	Yes		
Variable valve timing	No	No	Yes		

Overview of Oil Changes and Maintenance to my 2001

Service intervals in miles (kilometers)
5,000 miles (8,000 km) ¹⁾ Oil Change and Maintenance Service
10,000 miles (16,000 km) ¹⁾ Oil Change and Maintenance Service
20,000 miles (32,000 km) ²⁾ Oil Change and Maintenance Service
30,000 miles (48,000 km) ³⁾ Oil Change and Maintenance Service
40,000 miles (64,000 km)Oil Change and Maintenance Service
50,000 miles (80,000 km)Oil Change and Maintenance Service
60,000 miles (96,000 km)Oil Change and Maintenance Service
70,000 miles (112,000 km)Oil Change and Maintenance Service
80,000 miles (128,000 km)Oil Change and Maintenance Service
90,000 miles (144,000 km)Oil Change and Maintenance Service
100,000 miles (160,000 km)Oil Change and Maintenance Service
The brake fluid must be replaced every 2 years regardless of mileage (kilometers)

¹⁾ or 6 months after delivery, whichever occurs first.

²⁾ or 12 months after delivery, whichever occurs first.

3) or 12 months after the least Maintenance Service, whichever occurs first.

The intervals shown in this table are based on vehicles operating under normal conditions. In case of severe conditions, such as extremely low temperatures, excessive dust, etc., it is necessary for certain operations to be carried out in between the given intervals. This applies particularly to engine oil changes and the cleaning or replacing of the air cleaner filter element.

Overview of Oil Changes and Maintenance from my 2002

Service intervals in miles (kilometers)
10,000 miles (15,000 km) ¹⁾ Oil Change and Maintenance Service
20,000 miles (30,000 km) ²⁾ Oil Change and Maintenance Service
30,000 miles (45,000 km)Oil Change and Maintenance Service
40,000 miles (60,000 km)Oil Change and Maintenance Service
50,000 miles (75,000 km)Oil Change and Maintenance Service
60,000 miles (90,000 km)Oil Change and Maintenance Service
70,000 miles (105,000 km)Oil Change and Maintenance Service
80,000 miles (120,000 km)Oil Change and Maintenance Service
90,000 miles (135,000 km)Oil Change and Maintenance Service
100,000 miles (150,000 km)Oil Change and Maintenance Service
The brake fluid must be replaced every 2 years regardless of mileage (kilometers)

¹⁾ Maintenance at 10,000 miles (15,000 km) or 1 year after delivery, whichever occurs first.

²⁾ Maintenance at 20,000 miles (30,000 km) or 2 years after delivery, whichever occurs first.

The intervals shown in this table are based on vehicles operating under normal conditions. In

case of severe conditions, such as extremely low temperatures, excessive dust, etc., it is necessary for certain operations to be carried out in between the given intervals. This applies particularly to engine oil changes and the cleaning or replacing of the air cleaner filter element.