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## MAINTENANCE AND CARE

### Maintenance

#### Scheduled maintenance

**Perform maintenance by the schedule as follows:**

#### Maintenance schedule requirements

Your vehicle needs to be serviced according to the normal maintenance schedule. (See “Maintenance schedule”.)

If you mainly operate your vehicle under one or more of the special operating conditions below, some of the maintenance schedule items need to be serviced more frequently in order to keep your vehicle in good condition. (See “Additional maintenance schedule”.)

<p><b>A. Road conditions</b></p> <ol style="list-style-type: none"> <li>1. Operating on rough or muddy roads, or roads with melted snow or water-logged roads.</li> <li>2. Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)</li> </ol>	<p><b>B. Driving conditions</b></p> <ol style="list-style-type: none"> <li>1. Heavily loaded vehicle. (Example: Using a camper, using a car top carrier, etc.)</li> <li>2. Repeated short trips of less than 8 km (5 miles) and outside temperatures remain below freezing. (Engine temperature will not reach to normal temperature.)</li> <li>3. Extensive idling and/or low speed driving for a long distance such as police, professional/private use like taxi or door-to-door delivery use.</li> <li>4. Continuous high speed driving (80% or more of maximum vehicle speed) for over 2 hours.</li> </ol>
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#### Maintenance schedule:

Maintenance operations:

I = Inspect correct, clean or replace as necessary

R = Replace or change or lubricate

C= Cleaning

SERVICE INTERVAL: (Odometer reading or months, whichever comes first.)	ODOMETER READING										MONTHS
	x1000 km	10	20	30	40	50	60	70	80		
	x1000 miles	6	12	18	24	30	36	42	48		
<b>BASIC ENGINE COMPONENTS</b>											
1	Engine oil	R	R	R	R	R	R	R	R	R	12
2	Engine oil filter	R	R	R	R	R	R	R	R	R	12
3	Cooling and heater system <<See note 1.>>				I					I	24
4	Engine coolant <<See note 2.>>				I					I	-
5	Power control unit coolant <<See note 3.>>				I					I	-
6	Exhaust pipes and mountings		I		I			I		I	12
<b>IGNITION SYSTEM</b>											
7	Spark plugs	Replace every 100000 km (60000 miles)									-
8	12-volt battery	I	I	I	I	I	I	I	I	I	12
<b>FUEL AND EMISSION CONTROL SYSTEMS</b>											
9	Fuel filter <<See note 4.>>									R	96
10	Valve mechanism <<See notes 5 and 6.>>	Add injector cleaner to the fuel tank every 10,000 km (6000 miles).									-
11	Fuel injection system <<See notes 5 and 7.>>	Add injector cleaner to the fuel tank every 10,000 km (6000 miles).									-
12	Air cleaner filter		I		R			I		R	I: 24 R: 48
13	Fuel tank cap, fuel lines, connections and fuel vapor control valve <<See note 1.>>				I					I	24
14	Charcoal canister				I					I	24

SERVICE INTERVAL: (Odometer reading or months, whichever comes first.)	ODOMETER READING										MONTHS
	x1000 km	10	20	30	40	50	60	70	80		
	x1000 miles	6	12	18	24	30	36	42	48		
15	Cleaning hybrid battery (traction battery) cooling air intake filter <<See note 8.>>	I	I	C	I	I	C	I	I		-
<b>CHASSIS AND BODY</b>											
16	Brake pedal and parking brake <<See note 9.>>	I	I	I	I	I	I	I	I	I	6
17	Brake pads and discs	I	I	I	I	I	I	I	I	I	6
18	Brake fluid	I	I	I	R	I	I	I	R		I: 6 R: 24
19	Brake pipes and hoses		I		I			I		I	12
20	Steering wheel, linkage and steering gear box		I		I			I		I	6
21	Drive shaft boots		I		I			I		I	24
22	Suspension ball joints and dust covers	I	I	I	I	I	I	I	I	I	6
23	Transmission fluid (including front differential)				I					I	24
24	Front and rear suspension		I		I			I		I	12
25	Tires and inflation pressure	I	I	I	I	I	I	I	I	I	6
26	Lights, horns, wipers and washers	I	I	I	I	I	I	I	I	I	6
27	Air conditioning filter		R		R			R		R	-

## NOTE:

1. After 80000 km (48000 miles) or 48 months inspection, inspect every 20000 km (12000 miles) or 12 months.
2. First replace at 160000 km (96000 miles), then replace every 80000 km (48000 miles).

3. First replace at 240000 km (144000 miles), then replace every 80000 km (48000 miles).
4. Including the filter in fuel tank.
5. Toyota genuine fuel injector cleaner or equivalent.
6. For Philippines and Malaysia only.
7. For Guatemala, Panama, Iraq, Bahrain, Qatar, Kuwait, United Arab Emirates, Yemen, Saudi Arabia, Oman, Brunei, Laos, East Timor and Bhutan only.
8. Visually check the hybrid battery (traction battery) cooling intake filter for dirt or dust every 10000 km (6000 miles) and clean if necessary. Clean every 30000 km (18000 miles).
9. Parking brake inspection is not necessary.

### Additional maintenance schedule

Refer to the following table for normal maintenance schedule items requiring more frequent service specific to the type of severe conditions. (For outline, see “Maintenance schedule requirements”.)

A-1: Operating on rough or muddy roads, or roads with melted snow or waterlogged roads.	
Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
Inspection* of brake pipes and hoses	Every 10000 km (6000 miles) or 6 months
Inspection* of steering wheel, linkage and steering gear box	Every 5000 km (3000 miles) or 3 months
Inspection* of drive shaft boots	Every 10000 km (6000 miles) or 12 months
Inspection* of front and rear suspension	Every 10000 km (6000 miles) or 6 months
Tightening of bolts and nuts on chassis and body <<See note.>>	Every 10000 km (6000 miles) or 6 months

\*: Perform correction or replacement as necessary.

A-2: Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)	
Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
A-2: Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)	
Inspection* <sup>1</sup> or replacement of air cleaner filter	I: Every 2500 km (1500 miles) or 3 months R: Every 40000 km (24000 miles) or 48 months
Inspection* <sup>1</sup> of brake pads and discs	Every 5000 km (3000 miles) or 3 months
Replacement of air conditioning filter	► Vehicles with air conditioning filter type A* <sup>2</sup> Every 15000 km (9000 miles) ► Vehicles with air conditioning filter type B* <sup>2</sup> Every 10000 km (6000 miles)

\*<sup>1</sup>: Perform correction or replacement as necessary.

\*<sup>2</sup>: See “How to identify air conditioning filter type” to check the type of your vehicle. ([Click Here](#))

B-1: Heavily loaded vehicle. (Example: Using a camper, using a car top carrier, etc.)	
Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months
Inspection* or replacement of transmission fluid (including front differential)	I: Every 40000 km (24000 miles) or 24 months R: Every 80000 km (48000 miles) or 48 months
Inspection* of front and rear suspension	Every 10000 km (6000 miles) or 6 months
Tightening of bolts and nuts on chassis and body <<See note.>>	Every 10000 km (6000 miles) or 6 months

\*: Perform correction or replacement as necessary.

B-2: Repeated short trips of less than 8 km (5 miles) and outside temperatures remain below freezing. (Engine temperature will not reach to normal temperature.)	
Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
B-3: Extensive idling and/or low speed driving for a long distance such as police, professional/private use like taxi or door-to-door delivery use.	
Replacement of engine oil	Every 5000 km (3000 miles) or 6 months
Replacement of engine oil filter	Every 5000 km (3000 miles) or 6 months
Inspection* of brake pads and discs	Every 5000 km (3000 miles) or 3 months

\*: Perform correction or replacement as necessary.

B-4: Continuous high speed driving (80% or more of maximum vehicle speed) for over 2 hours.	
Inspection* or replacement of transmission fluid (including front differential)	I: Every 40000 km (24000 miles) or 24 months R: Every 80000 km (48000 miles) or 48 months

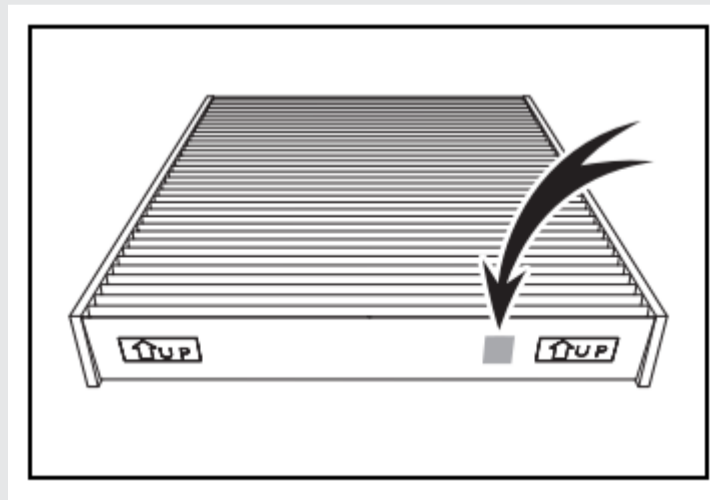
\*: Perform correction or replacement as necessary.

#### NOTE:

For seat mounting bolts and suspension member retaining bolts.

### ■ How to identify air conditioning filter type

Check the air conditioning filter identification mark which differs depending on the air conditioning filter type. ([Click Here](#))



#### ► Type A

The identification mark is other than "I".

#### ► Type B

The identification mark is "I".