

# Your Service Requirements



TOYOTA

## DIESEL VEHICLES (Vehicle Production From January 2005~)

I = INSPECT R = REPLACE

Drive belts	I	
Engine oil and oil filter <sup>(1)(2)</sup>	R	
Air Filter Element	I	
Cooling and heater system hoses	I	
Exhaust system and mountings	I	
Fuel tank cap, lines and connections	I	
Water Sediment Accumulator	I	
Check Fluid Levels	- Coolant	I
	- Power Steering	I
	- Brake Fluid	I
	- Clutch Fluid	I
Battery health check	I	
Air conditioning system operation	I	
Brake pedal and parking brake	I	
Front brake pads and discs	I	
A Rear brake linings / Disc pads - discs / drums	I	
Brake pipes and hoses	I	
Steering wheel, linkage, rack, rubber boots	I	
Ball joint and dust cover	I	
Propeller shaft grease	I	
Wheel bearing condition (Taper Roller Brg Grease*)	I	
Front and rear suspension components	I	
Tyre condition and pressure	I	
Body and under body/chassis condition	I	
Check tightness of any accessory mountings (towbar, roof racks, bullbar etc)	I	
Cabin air filter	I	
Valves (sensory) <sup>(3)</sup>	I	
Transmission fluid, hoses and connections (visual leak inspection)	I	
Drive shaft joints and boots	I	
Electrical equipment operation (lights, wipers etc)	I	
Electronic Health Check - Toyota diagnostic computer (GTS)	I	
B Brake and clutch fluid (DOT3 or DOT4)	R	
Front & Rear diff fluid (if applicable)	I*	
Fuel Filter (30,000km or when filter warning light illuminates)	R	
Transfer fluid (if applicable)	I*	
C Manual transmission fluid	I*	
Automatic transmission fluid	I*	
D Coolant (then every 75,000km)	R	
Timing Belt	R	
<b>ROAD TEST</b> (Verify overall performance and operation)	I	

## Service Interval (Service by Age or KM, whichever occurs first)

VEHICLE AGE/YR	KM	RECOMMENDED
1	15,000	A
2	30,000	A + B
3	45,000	A
4	60,000	A + B
5	75,000	A
6	90,000	A + B + C
7	105,000	A
8	120,000	A + B
9	135,000	A
10	150,000	A + B + D
11	165,000	A
12	180,000	A + B + C
13	195,000	<sup>(4)</sup> Repeat from top

## Recommended Replacement Intervals Km (X 1000)/years (I=Inspect)

MODEL	DIFF.	MAN TRANS.	AUTO TRANS.	TRANS BOX
Hiace	30/2	90/6	90/6	N/A
Hilux 2WD	30/2	90/6	90/6	N/A
Hilux 4WD	30/2	90/6	90/6	90/6
Fortuner	30/2	90/6	90/6	90/6
LC70	30/2	30/2	N/A	30/2
LC200	30/2	N/A	90/6	90/6
Prado Diesel	30/2	90/6	90/6	90/6
RAV4 2WD	N/A	90/6	90/6	N/A
RAV4 4WD	30/2	90/6	90/6	30/2

## Service intervals differ for irregular driving – See over

\* Dealer may recommend replacing this item depending on model, condition and vehicle usage.

<sup>(1)</sup> Using an oil grade other than that recommended by Toyota New Zealand can cause engine or emission damage.

<sup>(2)</sup> Toyota RAV4 (EURO5 Onward)- Pre 1 August 2017 production vehicles require engine oil replacement every 7,500km, Post 1 August 2017 production standard 15,000km interval. Land Cruiser 200 & 70 series vehicles require engine oil replacement every 7,500km.

<sup>(3)</sup> Hilux built from 02/2005 – 06/2011 check valve clearances physically at every 45,000kms and adjust if required. Includes removing injectors/ replacing seals.

<sup>(4)</sup> Vacuum pump for brake booster recommended replacement @ 195,000km - EURO5 Hilux, Prado, Hiace, Land Cruiser 7#, Fortuner, RAV4.

# Additional Service Requirements

The following information outlines service requirements for irregular or severe driving conditions. If your vehicle falls into more than one of the following categories, use the shortest timeframe to replace or inspect. If your vehicle is operating in conditions not covered in the list below, please contact the Service Manager of your Toyota dealer who will recommend the best service for your vehicle.

**Please note:** Failure to maintain the vehicle in accordance with the required service recommendations may invalidate your Toyota warranty.

## 1. VEHICLES THAT ARE FREQUENTLY SUBJECT TO CONTINUOUS HIGH SPEED AND/OR HEAVY USE SUCH AS OPERATING FULLY LOADED OR FOR TOWING.

- **Engine oil and oil filter:** Replace at half the specified distance or time.
- **Brake linings and drums:** Inspect at half the specified distance or time.
- **Brake pads and discs:** Inspect at half the specified distance or time.
- **Brake fluid:** Replace at half the specified distance or time.
- **Transmission oil:** Replace at half the specified distance or time.
- **Differential and transfer oils (where applicable):** Inspect/Replace at half the specified distance or time.
- **Propeller shaft joints:** Inspect at half the specified distance or time.
- **Wheel bearing grease (taper roller type wheel bearing only):** Repack as required.
- **Air filter:** Inspect/clean at half the specified distance or time.
- **Steering linkage, suspension joints, rubber boots:** Inspect at half the specified distance or time.
- **Steering knuckles and drag link:** Grease at half the specified distance or time.
- **Propeller shaft joints:** Grease at half the specified distance or time.
- **Body and underbody/chassis condition:** Inspect at half the specified distance or time.
- **Tightness of chassis/body nuts and bolts:** Inspect at half the specified distance or time.
- **Wheel bearing grease (taper roller type wheel bearing only):** Repack as required.

## 2. VEHICLES THAT ARE SUBJECT TO EXTENDED PERIODS OF IDLING AND OR SLOW SPEED DRIVING.

- **Engine oil and oil filter:** Replace at half the specified distance or time.

## 3. VEHICLES THAT ARE SUBJECT TO REPEATED SHORT TRIPS (Less than 10 kilometres) WHERE THE OUTSIDE TEMPERATURE IS BELOW FREEZING.

- **Engine Oil and filter:** Replace at half the specified distance or time.

## 4. VEHICLES THAT ARE USED FREQUENTLY ON UNSEALED ROADS AND DUSTY OR MUDDY CONDITIONS.

- **Engine oil and filter:** Replace at half the specified distance or time.
- **Inspect the timing belt** and timing pulley for abnormal wear or cracks every 30,000 kilometres.
- **Remove sand or dust** from inside timing belt cover.
- **Brake linings and drums:** Inspect at half the specified distance or time.
- **Brake pads and discs:** Inspect at half the specified distance or time.
- **Exhaust system and mountings:** Inspect at half the specified distance or time.

## 5. VEHICLES DRIVEN THROUGH WATER SUCH AS FORDING STREAMS OR FLOODED ROADS.

- **Brake and clutch operation:** Inspect immediately.
- **Transmission fluid:** Inspect as soon as practicable.
- **Radiator and A/C condenser:** Inspect fins are clear of debris.
- **Propeller shaft joints:** Grease within 24 hours of being submerged.
- **Differential oil front and rear:** Check for water contamination as soon as practicable.
- **Wheel bearing grease (taper roller type wheel bearing only):** Repack as required.

## 6. VEHICLES USED OFF ROAD - 4WD CONDITIONS.

Conditions may vary greatly from relatively easy conditions such as driving on formed, dry tracks to the extreme operating conditions experienced in farming, forestry and mining. When operating in 4WD, in lower gears, especially in low ratio, for extended periods, the odometer provides little indication of the work the vehicle has done. In such cases, hours of operation and quantity of fuel used should also be considered to more accurately determine an applicable service interval. Please discuss these requirements with the Service Manager of your Toyota dealer. It is important to ensure the timing belt is changed at the equivalent of 150,000 kilometres.

- 150 hours equates to 7,500 kilometres.