

SERVICE REQUIREMENTS



These requirements are for vehicles operating under normal conditions. Intervals may change for abnormal or severe usage, see over.

DIESEL HYBRID VEHICLES

I = INSPECT, CLEAN, AND ADJUST AS NECESSARY
R = REPLACE, **S** = SAVE, **C** = CLEAN, **L** = LUBRICATE
T = TIGHTEN TO SPECIFIED TORQUE

KEY ■ DEALER MAY RECOMMEND REPLACEMENT IF UNABLE TO CLEAN. CUSTOMER PAY ITEM

A	Brake pedal and parking brake/EPB operation	I	A	Steering wheel, linkage, rack, rubber boots	I	
	Air conditioning system operation	I		Drive shaft joints and boots	I	
	Electrical equipment operation (lights,wipers etc)	I		Front and rear suspension components	I	
	Electronic Health Check - Toyota diagnostic computer (GTS+)	S		Auto trans fluid/hoses & connections (visual leak inspection)	I	
	Cabin air filter ■	I		Transfer fluid level	I	
	HEV battery cooling intake filter	I		Rear differential oil level	I	
	Fuel tank cap, lines and connections	I		Propeller shaft	Grease (if applicable)	I
	Brake fluid level	I			Tightness of bolts	T
	Power steering fluid level	I		Engine oil & filter (oil grade as recommended by TNZ)	R	
	Coolant fluid level (including intercooler coolant)	I		Exhaust system and mountings	I	
	Cooling and heater system hoses	I		Body and under body/chassis condition	I	
	Water Sediment Accumulator - drain/clean	I		Check tightness of accessories - bull bar, towbar	I	
	Drive belts	MG drive belt		I	Torque all wheel nuts	T
		P/S pump belt		I	B	Brake and clutch fluid (DOT3 or DOT4)
	12V Auxiliary Battery - security, health check	I		Front & Rear diff oil		R
	Air filter element ■	I		Fuel filter (30,000 km or when filter warning light illuminates)		R
	Tyre condition and pressure	I		HEV battery cooling intake filter	C	
	Wheel bearing condition	I		C	Transfer fluid	R
	Front brake pads and discs	I			D	Automatic transmission fluid
	Rear brake linings/Disc pads - discs/drums	I		E		Air Filter Element
Brake pipes and hoses	I	F	Engine/Heater Coolant (then every 75,000 km / 5 years)		R	
Spare tyre condition and pressure	I		G	Vacuum Pump for Brake Booster	I	
Front differential oil level	I	ROAD TEST (Verify overall performance and operation)				
Ball joint and dust cover	I					

SERVICE INTERVAL (SERVICE BY AGE OR KM, WHICHEVER OCCURS FIRST*)	VEHICLE AGE/YR	KM	RECOMMENDED * Interval will change for severe usage, see over
	1	15,000	A
	2	30,000	A + B
	3	45,000	A + C
	4	60,000	A + B
	5	75,000	A + E
	6	90,000	A + B + C + D
	7	105,000	A
	8	120,000	A + B
	9	135,000	A + C
	10	150,000	A + B + E + F
	11	165,000	A
	12	180,000	A + B + C + D
	13	195,000	A + G

Additional Maintenance Recommendations

Some additional maintenance maybe necessary due to abnormal or severe driving conditions.

If your vehicle is operating in conditions not covered in the list below, please contact the Service Manager of your Toyota store who will recommend the best service for your vehicle.

1 VEHICLES THAT ARE FREQUENTLY SUBJECT TO OPERATING FULLY (OR HEAVILY) LOADED OR TOWING MAXIMUM CAPACITY.

- **Engine oil and oil filter:** Shorten normal replacement interval.
- **Brake discs, pads, drum, linings:** Inspect more frequently.
- **Brake fluid:** Shorten normal replacement interval.
- **Transmission fluid:** Inspect more frequently and shorten normal replacement interval if required.
- **Front/rear diff and transfer fluids (where applicable):** Inspect more frequently and shorten normal replacement interval if required.
- **Tightness of chassis/body nuts and bolts:** Inspect more frequently.
- **Propeller shaft joints:** Shorten normal grease replacement interval.

2 VEHICLES THAT ARE SUBJECT TO EXTENDED PERIODS OF IDLING AND/OR SLOW SPEED DRIVING (e.g. Taxi, Courier, Security Patrol)

- **Engine oil and oil filter:** Shorten normal replacement interval.

3 VEHICLES THAT ARE SUBJECT TO REPEATED SHORT TRIPS (LESS THAN 10 KILOMETRES) WHERE THE OUTSIDE TEMPERATURE IS BELOW FREEZING, OR THE ENGINE TEMPERATURE DOESN'T REACH NORMAL.

- **Engine oil and filter:** Shorten normal replacement interval.

4 VEHICLES THAT ARE USED FREQUENTLY IN DUSTY CONDITIONS.

- **Engine oil and oil filter:** Shorten normal replacement interval.
- **Air filter:** Inspect more frequently and shorten normal replacement interval if required.
- **Cabin air filter:** Inspect more frequently.
- **HEV Battery cooling intake filter:** Inspect and clean more frequently.
- **Brake discs, pads, drum, linings:** Inspect more frequently.
- **Brake fluid:** Inspect more frequently for contamination.
- **Propeller shaft joints:** Shorten normal grease replacement interval.

5 VEHICLES THAT ARE USED FREQUENTLY ON ROUGH ROADS OR MUDDY CONDITIONS.

- **Brake discs, pads, drum, linings:** Inspect more frequently.
- **Brake fluid:** Inspect more frequently for contamination.
- **Steering linkage, suspension joints, rubber boots:** Inspect at half the specified distance or time.
- **Propeller shaft joints:** Shorten normal grease replacement interval.
- **Body and underbody/chassis condition:** Inspect/clean more frequently.
- **Tightness of chassis/body nuts and bolts:** Inspect more frequently.

6 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.

7 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 Store. It is important to ensure the timing belt is changed at the equivalent of 150,000 kilometres.

- **150 hours equates to 7,500 kilometres**