

## Vehicle Service EXERCISE

01-10-2024

Title:

# Additional Service & Maintenance Requirements

Models:

LandCruiser, LandCruiser Prado, Fortuner & Hilux

Introduction: We are providing an important update to your Toyota vehicle's maintenance schedule. Based on the "Additional Service & Maintenance Requirements" within the Toyota Service Handbook. With the enhanced performance capabilities, frequent towing the engine oil can deteriorate prior to the standard service interval under these conditions. To maintain optimal engine health and longevity, we recommend following a revised service schedule.

Please carefully review the details of this bulletin and adopt the new service intervals accordingly. Adhering to this updated maintenance plan is crucial for ensuring the continued reliability and peak performance of your Toyota vehicle.

#### **Details:**

- Previous Service Intervals: 10,000km
- Affected Model:VDJ200, VDJ70\*, GUN126R, KDJ/GDJ15\*, FJA300, GDJ70, AN150\*
- Dusty roads, towing, extensive high speed driving (Refer to Toyota's Service Handbook on Additional Service & Maintenance Requirements)
- Concern: oil breakdown (Due to high oil Temperatures)

#### Repair:

- **New Service intervals: 5,000km** (Follow Toyota's Service Handbook on Additional Service & Maintenance Requirements)
- Refer to Toyota's recommendation for oil viscosity for the temperature application.

#### **Just Autos Recommendation:**

Example: Toyota LandCruiser FJA300 is specified OW-20 for standard vehicle use. We have been presented with many within this range where the vehicle is well past the degradation point of the OEM specification oil.

Based on our extensive research and first hand experience with these vehicles, our recommendation would be to **utilise a 5W-30** rated oil for **best engine protection**, longevity and reliability.





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Example: FJA300 July 2021 - Current

Source: https://toyotamanuals.com.au/document/landing\_page/landcruiser-300-owners-manual-oct-22-current

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#### Engine

Model	F33A-FTV	
Туре	6-cylinder V type, 4-cycle, diesel (with turbo- charger)	
Bore and stroke	86.0 × 96.0 mm (3.39 × 3.78 in.)	
Displacement	3346 cm <sup>3</sup> (204.2 cu.in.)	
Valve clearance	Automatic adjustment	
Drive belt tension	Trace adjustment	

#### Fuel

Fuel type	Diesel fuel that contains 10 ppm or less of sul- fur
Cetane number	48 or higher
Fuel tank capacity (Reference)	110 L (29.1 gal., 24.2 Imp.gal.)

### Lubrication system

#### ■ Oil capacity (Drain and refill [Reference 1)

With filter	6.6 L (7.0 qt., 5.8 Imp.qt.)
Writthout filter	6.2 L (6.6 qt., 5.5 Imp.qt.)

: The engine oil capacity is a reference quantity to be used when changing the engine oil. Warm up and turn off the engine, wait more than 5 minutes, and check the oil level on the dip-

#### ■ Engine oil selection

"Toyota Genuine Motor Oil" is used in your Toyota vehicle. Toyota recommends the use of approved "Toyota Genuine Motor Oil". Another motor oil of matching quality can also be used.

Oil grade:

0W-20: ACEA C5 0W-30 and 5W-30: ACEA C2 or JASO DL-1

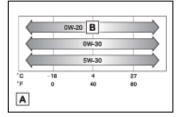
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#### NOTICE

Using engine oil other than ACEA C5, C2 or JASO DL-1 may damage the catalytic converter.

Recommended viscosity (SAE):

SAE 0W-20 is filled into your Toyota vehicle at manufacturing, and the best choice for good fuel economy and good starting in cold weather.

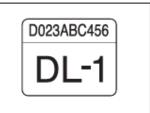


A Temperature range anticipated before next oil change

#### B Preferred

How to read oil container label:

The Japanese Automotive Standards Organization (JASO) DL-1 Mark is added to some oil containers to help you select the oil you should use.



Oil viscosity (0W-20 is explained here as an example):

- The 0W in 0W-20 indicates the characteristic of the oil which allows cold startability. Oils with a lower value before the W allow for easier starting of the engine in cold weather.
- The 0W in 0W-20 indicates the viscosity characteristic of the oil when the oil is at high temperature. An oil with a higher viscosity (one with a higher value) may be better suited if the vehicle is operated at high speeds, or under extreme load conditions.

