

INTRODUCTION

OUTLINE OF NEW FEATURES

1. Model Line-up

- The following models, which include the FRP (Fiber Reinforced Plastic) roof van model and the middle wheel base model, have been discontinued.

Destination	Engine	Body Type	Wheel Base	Door	Model Code
Australia	1FZ-FE	Steel Roof Van	Long	2	FZJ78R-RJMRKQ
		Single Cab Pick-up	Super Long		FZJ79R-TJMRKQ3
	1HZ	Steel Roof Van	Long		HZJ78R-RJMRSQ
		Single Cab Pick-up	Super Long		HZJ79R-TJMRSQ3
	1HD-FTE	Steel Roof Van	Long		HDJ78R-RJMRZQ
					HDJ78R-RJMNZQ
		Single Cab Pick-up	Super Long		HDJ79R-TJMRZQ3
					HDJ79R-TJMNZQ3
G.C.C. Countries	1FZ-FE	FPR Roof Van	Middle	FZJ74L-FJMNKV	
		Rag Roof Van		FZJ74L-KJMRKV	
		Steel Roof Van	Long	FZJ78L-RJMRKV	
General Countries		FPR Roof Van	Middle	FZJ74L-FJMNK	
		Rag Roof Van		FZJ74L-KJMRK	

- The following new models have been introduced, including the 1VD-FTV engine model and the semi-long wheel base model (4-door model).

Destination	Engine	Body Type	Wheel Base	Door	Model Code
Australia	1VD-FTV	Steel Roof Van	Semi-long	4	VDJ76R-RKMNYQ
			Long	2	VDJ78R-RJMRYQ
		VDJ78R-RJMNYQ			
		VDJ79R-TJMRYQ3			
		Single Cab Pick-up	Super Long		VDJ79R-TJMNQYQ3
G.C.C. Countries	1FZ-FE	Steel Roof Van	Semi-long	4	FZJ76L-RKMNV
	1HZ				HZJ76L-RKMNSV
				Long	2
General Countries	1FZ-FE		Semi-long	4	FZJ76L-RKMRK
	1HZ				HZJ76R-RKMRS
					HZJ76L-RKMRS

2. Exterior

- The design of the headlights, radiator grille, front bumper, hood, and front fender has been changed. For details, [see page 6](#).
- The ~~winch cover~~ has been changed from the cloth to the plastic type. For details, [see page 7](#).
- Along with the introduction of the 4-door steel roof van model, rear combination lights are provided for the 4-door steel roof van model. For details, [see page 8](#).
- Along with the change in the design of the front fenders, three types of front mud guards have been newly provided. Along with the introduction of the 4-door steel roof van model, two types of newly designed rear mud guards have been provided for Australia. For details, [see page 9](#).

- Along with the change in the design of the front fenders, the shapes of the front over fenders and the snorkel have been changed.
- Newly designed side stripes are provided on the G.C.C. countries models as optional equipment. For details, [see page 20](#).
- The following exterior colors are provided.

Color No.	Color Name	Note
058	White	Carryover
1F7	Silver Metallic	New
1G3	Gray Metallic	New
3Q3	Dark Red Mica Metallic	New
4R3	Beige Mica Metallic	New
4E9	Beige	Carryover
8H6	Blue	Carryover

3. 1VD-FTV Engine

The 1FZ-FE, 1HZ, and 1HD-FTE engines have been discontinued for Australia, and the 1VD-FTV engine has been introduced.

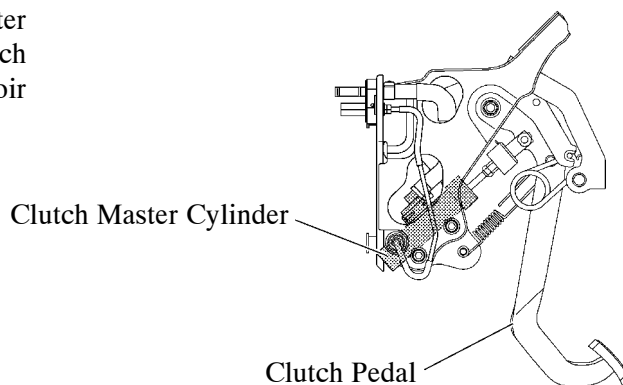
4. Clutch

- On the newly introduced 1VD-FTV engine models, the following clutch system is provided.

Engine Type		1VD-FTV
Transmission Type		H150F
Clutch	Type	Dry Type Single Plate Clutch, Diaphragm Spring
	Operation	Hydraulic
Clutch Cover	Type	DST*1
	Size mm (in.)	300 (11.8)
	Installed Load N	8340
Clutch Disc	Facing Size*2 mm (in.)	300 x 190 x 3.5 (11.8 x 7.5 x 0.14)
	Facing Area cm ² (in. ²)	423 (65.6)
Master Cylinder	Type	Conventional
	Cylinder Diameter mm (in.)	19.05 (0.75)
Release Cylinder	Type	Non-adjustable
	Cylinder Diameter mm (in.)	19.05 (0.75)
Clutch Accumulator		With
Clutch Pedal		Turnover

*1: DST (Diaphragm Spring Turnover) *2: Outer Diameter x Inner Diameter x Thickness

- On all the LHD models, the clutch master cylinder is provided in the cabin. The clutch reservoir tank is shared with the brake reservoir tank.



8. Differential

- On the newly introduced 1VD-FTV engine models, the following differentials are provided.

Differential Type	Front	Rear
	RD20A	BD24A
Ring Gear Size mm (in)	205 (8.0)	241 (9.5)
Differential Gear Ratio	3.909	3.909
No. of Differential Pinions	4	4
Oil Capacity Liters (US qts, Imp. qts)	2.85 (3.02, 2.44)	2.40 (2.50, 2.10), 2.30 (2.44, 1.97)*
Oil Viscosity	SAE 75W-85	←
Oil Grade	API GL-5	←
Oil Type	Hypoid	←

*: Option (with Diff. Lock)

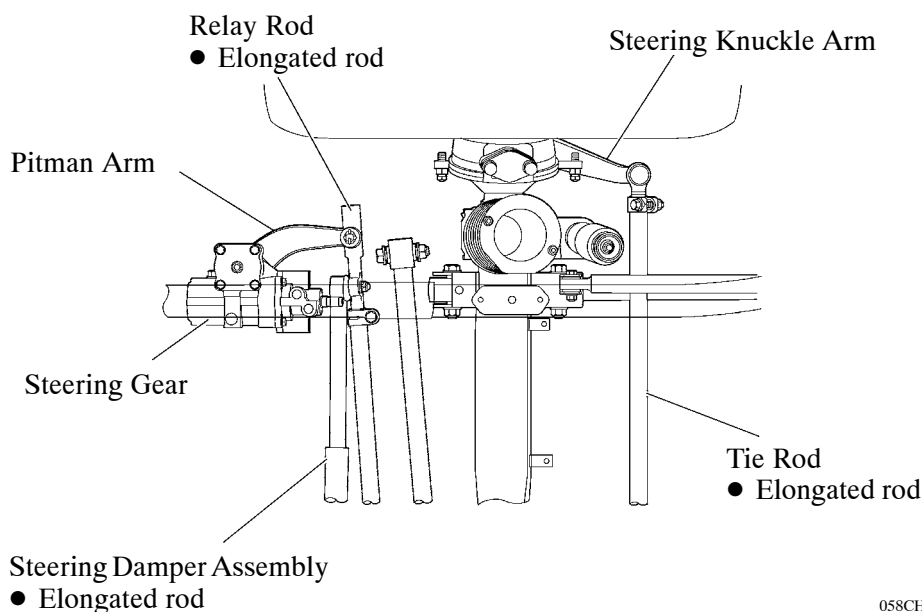
- On all models, the front and rear differential oil viscosity has been changed from SAE 85W-90 to SAE 75W-85.
- On the 1HZ engine super long wheel base models for G.C.C. countries, the differential with the gear ratio of 4.100 is optional equipment.

9. Suspension and Axle

- Along with the introduction of the 1VD-FTV engine models, the front tread width for all models has been increased. As a result, some components of the front suspension have been changed. For details, [see page 78](#).
- On the newly introduced semi-long wheel base models, the front suspension uses a coil spring rigid axle type, and the rear suspension uses a leaf spring rigid axle type. For details, [see page 80](#).
- Along with the increased width of the front tread, the length of the front axle housing has been increased. For details, [see page 81](#).
- An oil deflector is provided in the front axle housing. For details, [see page 81](#).

10. Steering

- A new power steering vane pump is used for all models. For details, [see page 82](#).
- Along with the increased width of the front tread, some components of the steering linkage have been changed.



11. Frame

- Along with the newly introduced 1VD-FTV engine models, the distance between the front side rails has been increased on all models. For details, [see page 84](#).
- Along with the changed shape of the No. 2 cross member due to the introduction of the 1VD-FTV engine models, the shape of the transfer case protector has been changed. For details, [see page 85](#).
- Along with the newly introduced 1VD-FTV engine models, engine mount brackets have been provided.
- Along with the introduction of the 4-door steel roof van model, frame has been provided for the semi-long wheel base model.

12. Body

- Along with the newly introduced 1VD-FTV engine models, the front tread has been widened on all models. Consequently, a front body is provided, which includes changes in design and construction. Also, the engine under cover has been changed. For details, [see page 86](#).
- Along with the introduction of the new 1VD-FTV engine models, front floor reinforcements have been added to all models. For details, [see page 91](#).
- Along with the introduction of the 4-door steel roof van model, the side body has been added with reinforcements and the panel thickness has been increased. For details, [see page 92](#).
- Along with the introduction of the 4-door steel roof van model, the back door panel is provided with a hinge reinforcement and a lock reinforcement. For details, [see page 93](#).

13. Seat

Along with the introduction of the 4-door steel roof van model, a seat is provided exclusively for the 4-door steel roof van model. For details, [see page 94](#).

14. Seat Belt

- The ELR (Emergency Locking Retractor) that is used for the front seats is provided for the outer rear seats.
- The outer lap belt anchors for the driver and passenger seats on the long wheel base model and short wheel base model and the outer rear No. 1 seats on the semi-long wheel base model have been changed from the fixed type to the rotational type.
- CRS tether anchors are provided on the semi-long wheel base model for Australia.

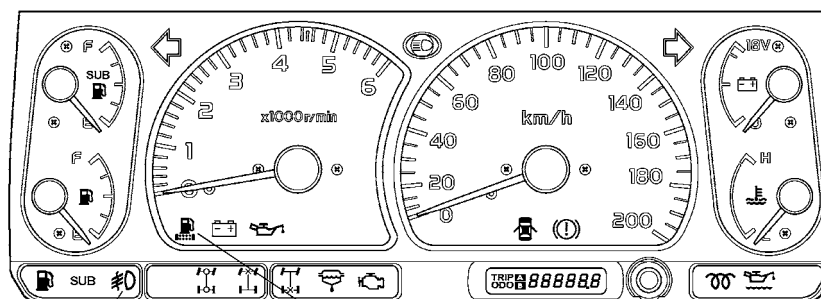
15. Lighting

- Multi-reflector type headlights are used on all models.
- The shape of the headlight level control switch has been changed.

For details, [see page 96](#).

16. Combination Meter

- Along with the provision of the 1VD-FTV engine, the combination meter has been changed on the Australia models.
 - The red zone of the tachometer has been changed to 4500 – 6000 rpm.
 - A fuel filter warning indicator light has been added.
- A front fog light indicator light is provided on the models with front fog lights.
- The air cleaner warning indicator light has been discontinued on all models.



Front Fog Light
Indicator Light

Fuel Filter Warning
Indicator Light

Australia Models

058BE04Y

17. Air Conditioner

On the new models, the air conditioner unit, A/C compressor, and condenser have been changed. For details, see [page 97](#).

18. Power Window System

Along with the introduction of the 4-door models, a power window system has been added to the rear doors of the 4-door models. For details, see [page 105](#).

19. Engine Immobilizer System

An engine immobilizer system is standard equipment on the Australia models.

The engine immobilizer system compares the ID code that is registered in the transponder key ECU with the ID code of the transponder chip that is embedded in the ignition key. The system unsets if these ID codes match. Thus, the transponder key ECU and engine ECU communicate with each other to authorize fuel injection and ignition, enabling the engine to start.

Service Tip

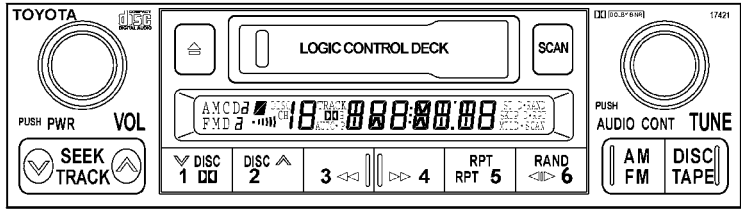
When replacing the transponder key ECU or adding a new ignition key, the key's recognition code must be registered.

- When the transponder key ECU has been replaced, the automatic registration mode begins. At this time, the total number of keys that can be registered is three (master key: two, sub key: one).
- The recognition codes of additional keys must be registered. At this time, the total number of keys that can be registered is six (master key: four, sub key: two).

For details, see the Land Cruiser Repair Manual Supplement (Pub. No. RM0580E).

20. Audio System

A new audio system is standard equipment on the LX grade of the Australia, and is optional equipment on other models.

Design	Specification
<div><p>058BE16Y</p></div>	<ul style="list-style-type: none">● AM/FM Tuner● Cassette Player● 4-speaker System*¹ (2-speaker System*²) <p>Manufacture: Fujitsu TEN</p>

*¹: Only for LX Grade of Australia Van Models and LX Grade of G.C.C. Countries Van Models

*²: Except LX Grade of Australia Van Models