

Part 8

SPECIFICATIONS

- [Dimensions and weight](#)
- [Engine](#)
- [Fuel](#)
- [Service specifications](#)
- [Tires](#)
- [Fuses and circuit breaker](#)

Dimensions and weight

Overall length	mm (in.)	4750 (187)
Overall width	mm (in.)	1800 (70.9)
Overall height	mm (in.)	1810 (71.3) ^{*1*4*7}
	mm (in.)	1780 (70.1) ^{*2*4*7}
	mm (in.)	1790 (70.5)
Wheelbase	mm (in.)	2865 (112.8)
Front tread	mm (in.)	1565 (61.6)
Rear tread	mm (in.)	1555 (61.2)
Vehicle capacity weight		517 (1140) ^{*4*6}
(occupants + luggage)		494 (1100) ^{*3*6}
	kg (lb)	480 (1060) ^{*5}

*1: With moon roof

*2: Without moon roof

*3: All-Trac/4WD models

*4: Except All-Trac/4WD models

*5: LE grande models

*6: DX grande models

*7: Unladen vehicle

Engine

Model: 2TZ-FZE

4 cylinder in line, 4 cycle, gasoline
(Supercharged)

Bore and stroke, mm (in.):

95.0 X 86.0 (3.74 x 3.39)

Displacement, cm³ (cu. in.):

2438 (148.8)

Fuel

Fuel required:

Unleaded gasoline, Research Octane Number 91 (Octane Rating 87) or higher. For improved vehicle performance, the use of premium unleaded gasoline with a Research Octane Number of 96 (Octane Rating 91) or higher is recommended.

Fuel tank capacity, L (gal., Imp. gal.):

75 (19.8, 16.5)

Service specifications

ENGINE

Spark plug type:

NIPPONDENSO PK20R11
NGK BKR6EP11

Spark plug gap, mm (in.):

1.1 (0.043)

Drive belt tension measured with Bor-roughs drive belt tension gauge No. BT-33-73F (used belt), lbf:

Generator and power steering pump belt
 125 ± 10

Air conditioning compressor belt
 100 ± 20

Supercharger belt
 125 ± 10

ENGINE LUBRICATION

Oil capacity (drain and refill), L (qt., Imp. qt.):

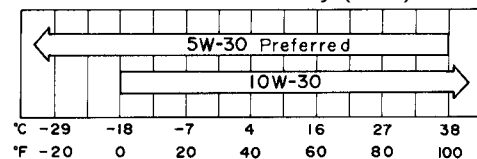
With filter 5.8 (6.1, 5.1)
Without filter 5.5 (5.8, 4.8)

Reservoir tank oil capacity, L (qt., Imp. qt):
2.0 (2.1, 1.8)

Oil grade:

API SH, "Energy-Conserving II" multi-grade engine oil or ILSAC multigrade engine oil is recommended.

Recommended oil viscosity (SAE):



Temperature range anticipated before next oil change.

80040-L03U

Supercharger oil:

TOYOTA supercharger oil or equivalent

COOLING SYSTEM

Total capacity, L (qt., Imp. qt.):

11.7 (12.4, 10.3)

Coolant type:

With ethylene-glycol antifreeze (Do not use alcohol type.)

BATTERY

—Maintenance battery

Specific gravity reading at 20°C (68°F):

80D26L

1.280 Fully charged

1.180 Half charged

1.080 Discharged

55D23L

1.260 Fully charged

1.160 Half charged

1.060 Discharged

—Non-Maintenance battery

Open voltage* at 20°C (68°F):

12.7V Fully charged

12.3V Half charged

11.9V Discharged

*: Voltage that is checked 20 minutes after the key is removed with all the lights turned off

Charging rates:

Non-maintenance battery

5 A max.

Maintenance type battery

Quick charge 15 A max.

Slow charge 5 A max.

TRANSFER (All-Trac/4WD models)

Oil capacity, L (qt., Imp. qt.):

1.3 (1.4, 1.1)

Oil type:

Multipurpose gear oil API GL-4 or GL-5

Recommended oil viscosity:

SAE 75W-90

AUTOMATIC TRANSMISSION

Fluid capacity (drain and refill),

L (qt., Imp. qt.):

Up to 1.6 (1.7, 1.4)

Fluid type:

Automatic transmission fluid D-II or DEXRON®III (DEXRON®II)

DIFFERENTIAL

Oil capacity, L (qt., Imp. qt.):

All-Trac/4WD models

Front 1.05 (1.1, 0.9)

Rear 1.5 (1.6, 1.3)

Except All-Trac/4WD models

1.5 (1.6, 1.3)

Oil type:

Hypoid gear oil API GL-5

Recommended oil viscosity:

Above-18 °C (0°F)

SAE 90

Below-18 °C (0°F)

SAE 80W or SAE 80W-90

CHASSIS LUBRICATION

Propeller shaft slide yoke:

Lithium base multipurpose grease

NLGI No. 2

BRAKES

Minimum pedal clearance when depressed with the pressure of 490 N (50 kgf, lbf) with the engine running, mm (in.):

75 (3.0)

Pedal freeplay, mm (in.):

1.0—6.0 (0.04—0.24)

Pad wear limit, mm (in.):

1.0 (0.04)

Lining wear limit, mm (in.):

1.0 (0.04)

Parking brake adjustment when pulled with the force of 196 N (20 kgf, 44 lbf):

4—5 clicks

Fluid type:

SAE J1703 or FMVSS No. 116

DOT 3

STEERING

Wheel freeplay:

Less than 30 mm (1.2 in.)

Power steering fluid type:

Automatic transmission fluid

DEXRON®II or III

Tires

Tire size and pressure, and wheel size:

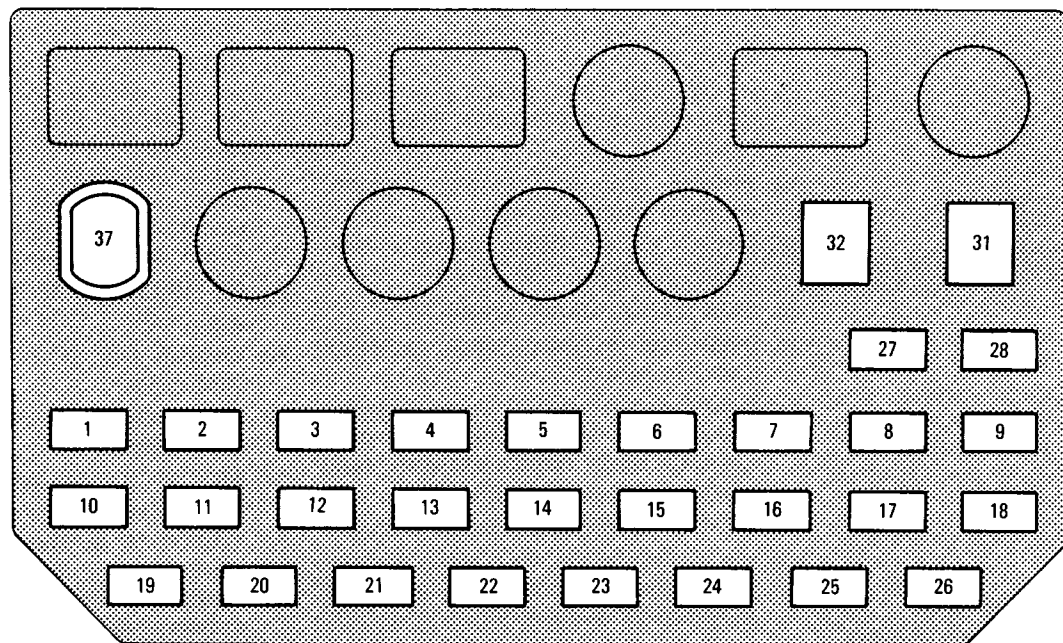
Tire size	Tire pressure kPa (kgf/cm ² or bar, psi)	Wheel size
P215/65R15 95H	240 (2.4, 35)	15 x 6JJ
T145/80D16	420 (2.4, 60)	16 x 4T

Wheel nut torque, N•m (kgf_f•m, ft.lbf)

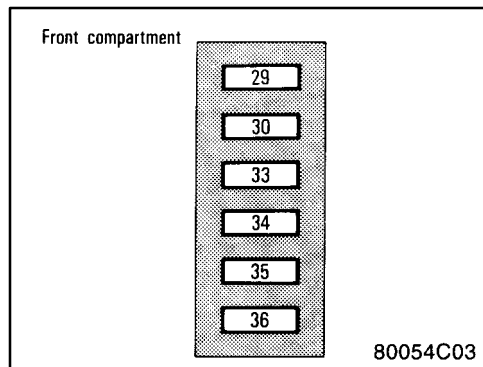
103 (10.5, 76)

Fuses and circuit breaker

Instrument panel



80054C01



Fuses (type A)

1. **ST 7.5 A:** Starter system
2. **IGN 7.5 A:** Charging system, discharge warning light, emission control system, multiport fuel injection system/sequential multiport fuel injection system, SRS airbag system
3. **OBD 7.5 A:** On-board diagnosis system
4. **FOG 20 A:** Front fog lights
5. **T/M ACC 7.5 A:** Automatic transmission shift indicator
6. **TAIL 15 A:** Tail lights, parking lights, side marker lights, license plate lights, instrument panel lights
7. **HAZ-HORN 15 A:** Emergency flashers, horns, turn signal lights
8. **HEAD (LH) 15 A (U.S.A.) or HEAD (LH-L WR) 10 A (Canada):** Left-hand headlight
9. **HEAD (RH) 15 A (U.S.A.) or HEAD (RH-L WR) 10 A (Canada):** Right-hand headlight
10. **ENGINE 7.5 A:** Charging system, emission control system
11. **RADIO 7.5 A:** Radio, cassette tape player, Compact Disc player
12. **ST-A 7.5 A:** Starter system
13. **STOP 20 A:** Stop lights, anti-lock brake system
14. **DOM 15 A:** Interior lights, luggage compartment light, clock, open door warning light, radio, cassette tape player, Compact Disc player
15. **DEFOG 15 A:** Rear window defogger
16. **ECU-B 15 A:** Anti-lock brake system, electronically controlled automatic transmission system
17. **CIG 15 A:** Cigarette lighter, digital clock display, power rear view mirrors, theft deterrent system, SRS airbag system, automatic transmission shift lock system
18. **EFI 15 A:** Multiport fuel injection system/sequential multiport fuel injection system
19. **TURN 7.5 A:** Turn signal lights
20. **GAUGE 10 A:** Gauges and meters, service reminder indicators and warning buzzers (except discharge and open door warning lights), back-up lights, automatic transmission over-drive system, rear window defogger, electric rear sun roof, power windows, power door lock system
21. **FR-WIPER 30 A:** Windshield wipers and washer
22. **ENGINE OIL 15 A:** Engine oil auto-feed system
23. **RR-WIPER 15 A:** Rear window wiper and washer
24. **A/C 15 A:** Air conditioning cooling system, cool box
25. **ECU-IG 15 A:** Cruise control system, electronically controlled automatic transmission system, anti-lock brake system, theft deterrent system
26. **FR-WASHER 10 A:** Windshield washer motor
27. **HEAD (LH-UPR) 10 A:** Left-hand headlight (Canada only)

28.HEAD (RH-UPR) 10 A: Right-hand headlight (Canada only)

29.ALT-S 7.5 A: Charging system

30.AM2 20 A: Charging system, discharge warning light, emission control system, multipoint fuel injection system/sequential multipoint fuel injection system

Fuses (type B)

31.DOOR 30 A: Power door lock system, theft deterrent system

32.POWER 30 A: Electric rear sun roof, power windows

Fuses (type C)

33.ABS 60 A: Anti-lock brake system

34.ALT 100 A: "ABS", "AM1", "STOP", "DEFOG", "FOG", "ECU-B", "TAIL", "A/C" and "RR A/C" fuses, and "FR-HTR" circuit breaker

35.AM1 50 A: "ENGINE", "GAUGE", "TURN", "FR-WIPER", "ECU-IG", "A/C", "RADIO", "CIG", "ST", "POWER" and DOOR" fuses

36.MAIN 50 A: "HAZ-HORN", "DOME", "HEAD (LH)", "HEAD (RH)" and "EFI" fuses

Circuit breaker

37.FR-HTR C/B 40 A: Air conditioning control system

