

Part 8 SPECIFICATIONS

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Dimensions and weight

Overall length mm (in):
4420 (174.0)

Overall width mm (in):
1695 (66.7)

Overall height mm (in):
1385 (54.5)*

Wheelbase mm (in):
2465 (97.0)

Front tread mm (in):
1460(57.5)

Rear tread mm (in):
1450(57.1)

Vehicle capacity weight
(occupants+luggage)

kg(lb): 385 (850)

*:Unladen vehicle

Engine

Model:
1ZZ- FE

Type:
4 cylinder in line, 4 cycle, gasoline

Bore and stroke, mm (in.):
79.0 × 91.5 (3.11 × 3.60)

Displacement, cm³ (cu. in.):
1794 (109.5)

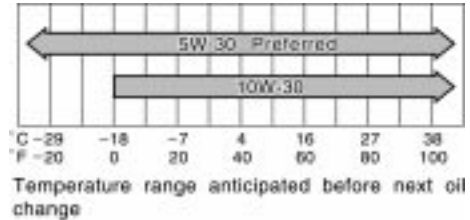
Fuel

Fuel type:
Unleaded gasoline, Octane Rating 87 (Research Octane Number 91) or higher
Fuel tank capacity, L (gal., Imp. gal.):
50 (13.2, 11.0)

Service specifications

ENGINE
Valve clearance (engine cold), mm (in.):
Intake 0.15—0.25 (0.006—0.010)
Exhaust 0.25—0.35 (0.010—0.014)
Spark plug type:
DENSO K16TR11
NGK BKR5EKB-11
Spark plug gap, mm(in.):
1.1 (0.043)

ENGINE LUBRICATION
Oil capacity (drain and refill), L (qt., Imp. qt.):
With filter 3.7 (3.9, 3.3)
Without filter 3.5 (3.7, 3.1)
Oil grade:
API grade SJ, "Energy-Conserving" or ILSAC multigrade engine oil is recommended.
Recommended oil viscosity (SAE):



OIL05U

COOLING SYSTEM

Total capacity, L (qt., Imp. qt.):
 Manual transmission
 5.8 (6.1, 5.1)
 Automatic transmission
 5.7 (6.0, 5.0)

Coolant type:
 "Toyota Long Life Coolant" or equivalent
 With ethylene-glycol type coolant for a proper corrosion protection of aluminum components
 Do not use alcohol type antifreeze or plain water alone.

BATTERY

Open voltage* at 20°C (68°F):
 12.6- 12.8 V Fully charged
 12.2- 12.4 V Half charged
 11.8- 12.0 V Discharged

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

Charging rates: 5 A max.

CLUTCH

Pedal freeplay, mm (in.):
 5—15 (0.2—0.6)

Fluid type:
 SAE J1703 or FMVSS No. 116 DOT 3

MANUAL TRANSAXLE

Oil capacity, L (qt., Imp. qt.):
 1.9 (2.0, 1.7)
 Oil type:
 Gear oil API GL-4 or GL-5
 Recommended oil viscosity:
 SAE 75W-90

AUTOMATIC TRANSAXLE

Automatic transmission

Fluid capacity (drain and refill),
 L (qt., Imp. qt.):
 Four-speed type
 Up to 3.1 (3.3, 2.7)
 Three-speed type
 2.5 (2.6, 2.2)

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

Differential (three-speed type only)

Fluid capacity L (qt., Imp. qt.):
 1.4 (1.5, 1.2)

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

BRAKES

Minimum pedal clearance when depressed with the pressure of 490 N (50 kgf, 110 lbf) with the engine running, mm (in.):
 Vehicles with anti-lock brake system
 90 (3.5)
 Vehicles without anti-lock brake system
 85 (3.3)

Pedal freeplay, mm (in.):
 1—6 (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—7 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:

Compact spare tire
T115/70D14
T125/70D14

Except compact spare tire
P175/65SR14
P185/65SR14

Tire pressure, kPa (kgf/cm² or bar, psi):

Compact spare tire
420 (4.2, 60)
Except compact spare tire
210 (2.1, 30)

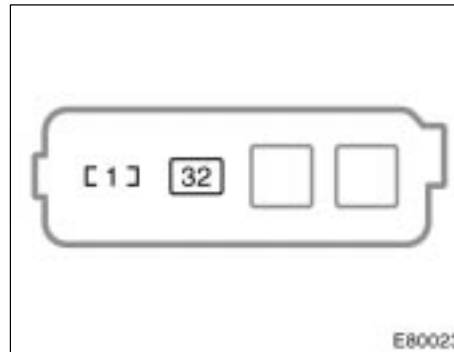
Wheel size:

Compact spare tire
14 x 4T
Except compact Spare tire
14 x 5.5JJ

Wheel nut torque, N·m (kgf·m, ft·lbf):

102.9 (10.5, 76)

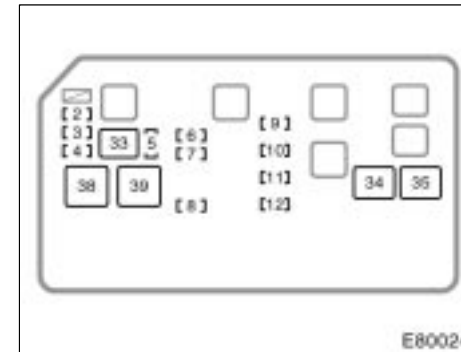
Fuses



Engine compartment

Fuses (type A)

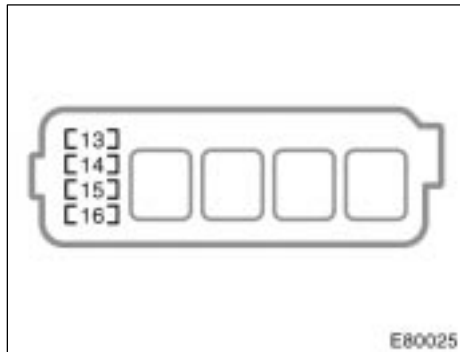
1. **A/C 7.5 A:** Air conditioning system, electric cooling fan
2. **SPARE 5 A:** Spare fuse
3. **SPARE 10 A:** Spare fuse
4. **SPARE 15 A:** Spare fuse
5. **DOME 15 A:** Car audio system, interior lights, personal lights, trunk lights, clock, daytime running light system, theft deterrent system
6. **HAZARD 10 A:** Turn signal lights, emergency flashers



Engine compartment

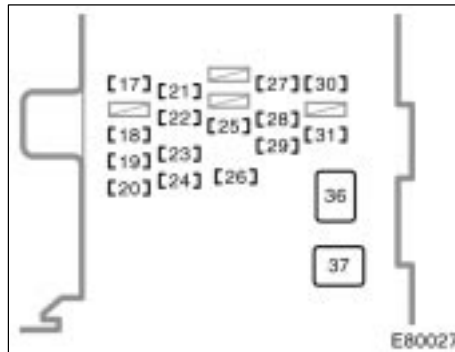
7. **AM2 15 A:** Starter system, "ST" and "IGN" fuses
8. **HEAD (LH) or HEAD (LH-UPR) 10 A:** Left-hand headlight
9. **ALT-S 5 A:** Charging system
10. **HEAD (RH) or HEAD (RH-UPR) 10 A:** Right-hand headlight
11. **EFI or F-HTR 15 A:** Multiport fuel injection system/sequential multiport fuel injection system
12. **HORN 10 A:** Horn, theft deterrent system

Corolla (U)



Engine compartment

- 13. **DRL 7.5 A:** Daytime running light system
- 14. **HEAD RH-Lo 10 A:** Right-hand headlight
- 15. **HEAD LH-Lo 10 A:** Left-hand headlight
- 16. **CDS 30 A:** Electric cooling fan
- 17. **TURN 7.5 A:** Turn signal lights, emergency flashers
- 18. **GAUGE 10 A:** Gauge and meters, buck-up lights, air conditioning system, power windows, rear window defogger, power door lock system



Instrument panel

- 19. **WIP 20 A:** Windshield wipers and washer
- 20. **DEF I-UP/M-HTR 10 A:** Rear window defogger, multiport fuel injection system/sequential multiport fuel injection system
- 21. **ECU-IG 10 A:** Starting system, electric cooling fan, automatic transmission shift lock system, anti-lock brake system, cruise control system
- 22. **IGN 7.5 A:** Multiport fuel injection system/sequential multiport fuel injection system, charging system, SRS airbag system, seat belt pretensioners

- 23. **STOP 15 A:** Stop lights, high mounted stoplight, anti-lock brake system, automatic transmission shift lock system
- 24. **TAIL 15 A:** Tail lights, gauges and meters, instrument panel light control, cigarette lighter, clock, car audio system, rear window defogger, license plate lights, electronically controlled automatic transmission system, multiport fuel injection system/sequential multiport fuel injection system, air conditioning system, emergency flashers
- 25. **OBD 7.5 A:** On-board diagnosis system
- 26. **ECU-B 7.5 A:** SRS airbag system, seat belt pretensioners
- 27. **ST 5 A:** Starter system, multiport fuel injection system/sequential multiport fuel injection system
- 28. **D/L 30 A:** Power door lock system
- 29. **FOG 15 A:** No circuit
- 30. **S-HTR 15A:** No circuit
- 31. **CIG 15 A:** Car audio system, clock, cigarette lighter, power rear view mirrors, SRS airbag system, seat belt pretensioners, automatic transmission shift lock system, theft deterrent system

Fuses (type B)

- 32. HTR 50 A:** Air conditioning system, "A/C" fuse
- 33. MAIN 40 A:** Starter system, "HEAD (LH) or HEAD (LH-UPR), "HEAD (RH) or HEAD (RH-UPR), "HEAD LH-Lo" and "HEAD RH-Lo" fuses
- 34. RDI 30 A:** Electric cooling fan
- 35. AM1 50 A:** "CIG", "TURN", "GAUGE", "ECU-IG", and "WIP" fuses
- 36. DEF 40 A:** Rear window defogger, "DEF I-UP/M-HTR" fuse
- 37. POWER 30 A:** Power windows, electric moon roof

Fuses (type C)

- 38. FL ABS 50 A:** Anti-lock brake system
- 39. FL ALT 100 A:** "RDI", "CDS", "AM1", "POWER", "D/L", "TAIL", OBD, "FOG", "ECU-B", "STOP" and "DEF", "HTR" fuses