

**SECTION 8**

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**SPECIFICATIONS**

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## MR2 U

### Dimensions and weight

Overall length	mm (in.)	3885 (153.0)
Overall width	mm (in.)	1695 (66.7)
Overall height	mm (in.)	1240 (48.8)*
Wheelbase	mm (in.)	2450 (96.5)
Front tread	mm (in.)	1475 (58.1)
Rear tread	mm (in.)	1460 (57.5)
Vehicle capacity weight (occupants + luggage)	kg (lb.)	193 (425)

\*: 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, cm<sup>3</sup> (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.):  
48 (12.7, 10.6)

## MR2 U

### 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	SK16R11
NGK	IFR5A11

Spark plug gap, mm (in.):

1.1 (0.043)

#### ENGINE LUBRICATION

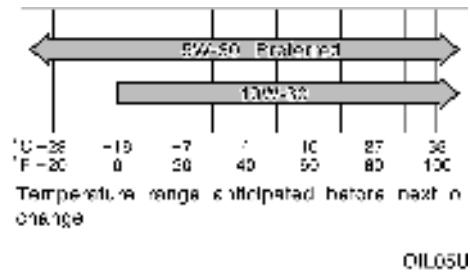
Oil capacity (drain and refill),  
L (qt., Imp. qt.):

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):



#### COOLING SYSTEM

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

Manual transaxle	10.4 (11.0, 9.2)
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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.

## MR2 U

### CLUTCH

Pedal free play, 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.):  
Vehicle with limited-slip differential  
1.8 (1.9, 1.6)  
Vehicle without limited-slip differential  
1.9 (2.0, 1.7)

Oil type:  
Gear oil API GL-4 or GL-5  
Recommended oil viscosity:  
SAE 75W-90

### BRAKES

Minimum pedal clearance when depressed  
with the force of 490 N (50 kgf, 110 lbf)  
with the engine running, mm (in.):  
85 (3.4)

Pedal free play, mm (in.):  
1—6 (0.04—0.24)

Pad wear limit, mm (in.):  
1.0 (0.04)

Parking brake adjustment when pulled with  
the force of 196 N (20 kgf, 44 lbf):  
5—8 clicks

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

### STEERING

Wheel free play:  
Less than 30 mm (1.2 in.)

Power steering fluid type:  
Toyota P.S fluid EH or equivalent

## MR2 U

### Tires

#### Tire size and pressure:

Except compact spare tire

	Tire size	Tire pressure kPa (kgf/cm <sup>2</sup> or bar, psi)	Wheel size
Front	185/55R15 81V	180 (1.8, 26)	15 × 6JJ
Rear	205/50R15 85V	220 (2.2, 32)	15 × 6 1/2JJ

Compact spare tire

Tire size	Tire pressure kPa (kgf/cm <sup>2</sup> or bar, psi)	Wheel size
T125/70D16	420 (4.2, 60)	16 × 4T

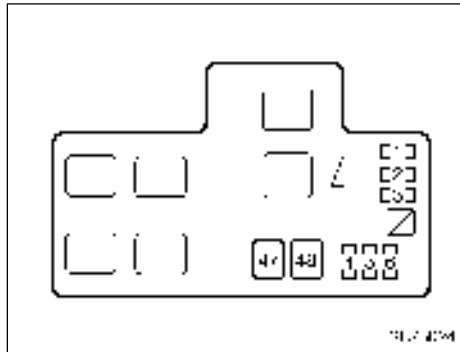
#### Wheel nut torque, N·m (kgf·m, ft·lbf):

103 (10.5, 76)

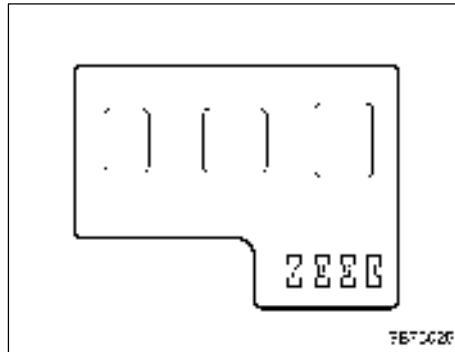
NOTE: For a complete information on tires (e.g. replacing tires or replacing wheels), see “Checking tire pressure” through “Aluminum wheel precautions” in Section 7–2.

## MR2 U

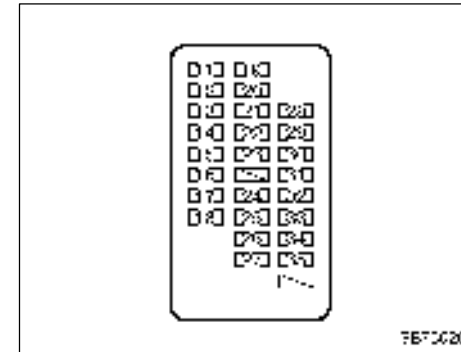
### Fuses



Trunk room



Trunk room

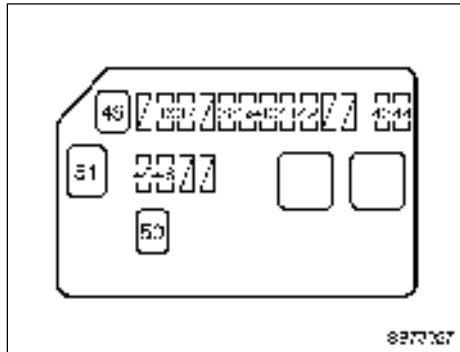


Instrument panel

#### Fuses (type A)

1. **30 A:** Spare fuse
2. **15 A:** Spare fuse
3. **20 A:** Spare fuse
4. **RDI FAN 30 A:** Electric cooling fans
5. **ABS1 20 A:** Anti-lock brake system
6. **CDS FAN 30 A:** Electric cooling fans
7. **HEAD LH UPR 10 A:** Left-hand headlight (high beam)
8. **HEAD RH UPR 10 A:** Right-hand headlight (high beam)
9. **HEAD LH LWR 10 A:** Left-hand headlight (low beam)
10. **HEAD RH LWR 10 A:** Right-hand headlight (low beam)
11. **WASHER 10 A:** Windshield wiper and washer
12. **HTR 10 A:** Air conditioning system
13. **WIPER 20 A:** Windshield wiper and washer
14. **ECU-IG 7.5 A:** Power Steering system, anti-lock brake system
15. **FAN-IG 7.5 A:** Electric cooling fans
16. **TURN 7.5 A:** Turn signal lights, emergency flashers
17. **GAUGE 7.5 A:** Power window system, gauges and meters, back-up lights, charging system, rear window defogger system
18. **SRS 7.5 A:** SRS airbag system
19. **DEF 25 A:** Rear window defogger system

## MR2 U



Engine compartment

- 20. **OBD 7.5 A:** On-board diagnosis system
- 21. **AM1 7.5 A:** "GAUGE" "ACC" "TURN" "ECU-IG" "WIPER" "WASHER" "SRS" "HTR 10A" "FAN-IG" fuses
- 22. **ACC 25 A:** "RADIO2" "CIG" fuses
- 23. **DOOR 15 A:** Power door lock system
- 24. **STOP 15 A:** Stop lights, high mounted stop light
- 25. **TAIL1 20 A:** "TAIL2" "PANEL" fuses
- 26. **D P/W 20 A:** Power window system
- 27. **P P/W 20 A:** Power window system
- 28. **RADIO1 15 A:** Power antenna, radio
- 29. **DOME 10 A:** Clock
- 30. **ECU-B 10 A:** Daytime running light system, gauges and meters
- 31. **TAIL2 10 A:** Taillights, parking lights, license plate lights, gauges and meters
- 32. **PANEL 7.5 A:** Clock, illuminations
- 33. **RADIO2 7.5 A:** Gauges and meters, outside rear view mirror system, clock
- 34. **CIG 15 A:** Cigarette lighter
- 35. **I/UP 7.5 A:** Engine idle up system
- 36. **ALT-S 7.5 A:** Charging system
- 37. **ECU-B1 25 A:** "ECU-B" "DOME" fuses
- 38. **HORN 10 A:** Horn
- 39. **HAZ 15 A:** Turn signal lights, emergency flashers
- 40. **AM2 15 A:** Starter system, multiport fuel injection system/sequential multiport fuel injection system, SRS airbag system
- 41. **IG2 15 A:** Ignition system, multiport fuel injection system/sequential multiport fuel injection system
- 42. **EFI1 15 A:** Multiport fuel injection system/sequential multiport fuel injection system, engine immobiliser system
- 43. **DRL NO.1 7.5 A:** Daytime running light system
- 44. **DRL NO.2 20 A:** "HEAD LH LWR" "HEAD RH LWR" "HEAD LH UPR" "HEAD RH UPR" fuses
- 45. **EFI2 7.5 A:** Multiport fuel injection system/sequential multiport fuel injection system
- 46. **ST 7.5 A:** Starter system

### Fuses (type B)

- 47. **ABS2 40 A:** Anti-lock brake system
- 48. **EHPS 50 A:** Power steering system
- 49. **MAIN 40 A:** Starter system, "DRL" "DRL NO.2" fuses

- 50. **HTR 40 A:** Air conditioning system

### Fuses (type C)

- 51. **ALT 100 A:** "AM1" "D P/W" "P P/W" "DOOR" "STOP" "EHPS" "DEF" "TAIL1" "OBD" "HTR 40A" fuses

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