

Part 8

SPECIFICATIONS

- Dimensions and weight
- Engine
- Fuel
- Service specifications
- Tires
- Fuses

Dimensions and weight

Overall length	mm (in.)	4370	(172.0)
Overall width	mm (in.)	1685	(66.3)
Overall height	mm (in.)	1380	(54.3)*
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)			
Overall length	kg (lb.)	385	(850)

*: Unladen vehicle

Engine

Model:	
	4A-FE and 7A-FE
Type:	4 cylinder in line, 4 cycle, gasoline
Bore and stroke, mm (in.):	
4A-FE engine	81.0 x 77.0 (3.19 x 3.03)
7A-FE engine	81.0 x 85.5 (3.19 x 3.37)
Displacement, cm ³ (cu. in.):	
4AFE engine	1587 (96.8)
4AFE engine	1762 (107.5)

Fuel

Fuel type:

Unleaded gasoline, Research Octane Number 91 (Octane rating 87) 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:

NIPPONDENSO K16R-U

NGK BBKR5EYA

Spark plug gap, mm (in.):

1.8 (0.031)

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

Generator belt 115 ± 20

Air conditioning compressor belt 100 ± 99

Power steering pump belt 80 ± 20

ENGINE LUBRICATION

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

4A-FE engine

With filter 3.0 (3.2, 2.6)

Without filter 2.8 (3.0, 2.5)

7A-FE engine

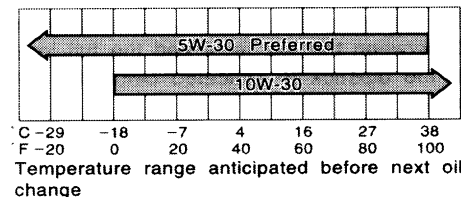
With filter 3.7 (3.9, 3.3)

Without filter 3.5 (3.7, 3.1)

Oil grade:

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

Recommended oil viscosity (SAE):



L70010

COOLING SYSTEM

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

Manual Transmission

6.0 (6.3, 5.3)

Automatic transmission

5.9 (6.2, 5.2)

7A-FE engine

HARRISON RADIATOR

Manual transmission

6.2 (6.6, 5.5)

Automatic transmission

6.1 (6.4, 5.4)

NIPPONDENSO RADIATOR

6.2 (6.6, 5.5)

Coolant type:

With ethylene-glycol antifreeze

(Do not use alcohol type.)

BATTERY

—Maintenance type battery

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

1.260 Fully charged

1.160 Half charged

1.060 Discharged

—Non-Maintenance battery

Open voltage* at 20°C (68°F):

12.7 V Fully charged

12.3 V Half charged

11.9 V 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

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:

Multipurpose gear oil API GL-4 or GL-5

Recommended oil viscosity:

SAE 75W-90

AUTOMATIC TRANSAXLE

(4-speed type)

Fluid capacity (drain and refill),

L (qt., Imp. qt.):

Up to 3.1 (3.3, 2.7)

Fluid type:

Automatic transmission fluid

D-II or DEXRON®III (DEXRON®II)

AUTOMATIC TRANSAXLE

(3-speed type)

Fluid capacity (drain and refill),

L (qt., Imp. qt.):

Up to 2.5 (2.6, 2.2)

Fluid type:

Automatic transmission fluid

D-II or DEXRON®III (DEXRON®II)

DIFFERENTIAL

(3-speed type automatic transmission)

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 490N (50kgf, 110lbf) with the engine running, mm (in.):

70 (2.8)

Pedal freeplay, mm (in.):

1—6 (0.04—0.24)

Pad wear limit, in. (mm):

1.0 (0.04)

Lining wear limit, in. (mm):

1.0 (0.04)

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

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:

Spare tire

T115/70D14

T135/70D15

Except spare tire

P175/65R14

P185/65R14

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

Spare tire

420 (4.2, 60)

Except spare tire

210 (2.1, 30)

Wheel size:

T115/70D14

14 x 4T

T135/70D15

15 x 4T

Other tires

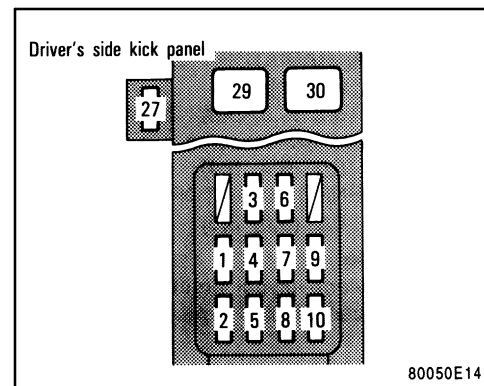
14 x 5.5J

14 x 5.5JJ

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

103 (10.5, 76)

Fuses



Fuses (type A)

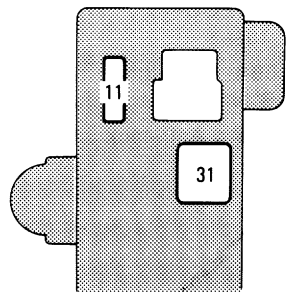
1. CIG & RADIO 20 A: Cigarette lighter, digital clock display, air conditioning system, radio, cassette tape player, power rear view mirrors, automatic transmission shift lock system, theft deterrent system, SRS airbags

2. TAIL 15 A: Tail lights, parking lights, license plate lights, instrument panel lights, daytime running light system

3. IGN 10 A: Multiport fuel injection system/sequential multiport fuel injection system, discharge warning light, SRS airbags

4. ECU-B 10 A: Daytime running light system, cruise control system

Passenger's side kick panel



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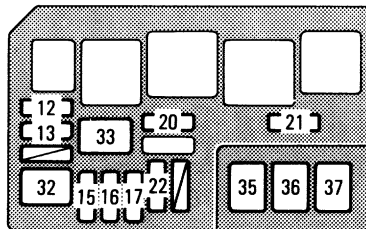
5. DEFOG-I/UP 7.5 A: Multiport fuel injection system/sequential multiport fuel injection system

6. STOP 15 A: Stop lights, high mounted stoplight, cruise control system, automatic transmission shift lock system, anti-lock brake system

7. TURN 7.5 A: Turn signal lights

8. ECU-IG 15 A: Starting system, anti-lock brake system, automatic transmission shift lock system

Engine compartment
(vehicles for Canada)



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9. GAUGE 10 A: Gauges and meters, service reminder indicators (except discharge and open door warning lights), back-up light, air conditioning system, daytime running light system, electronically controlled automatic transmission system

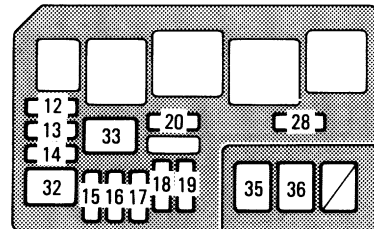
10. WIPER 20 A: Windshield wipers and washer

11. A/C 15 A: Air conditioning system

12. Dome 20 A: Interior light, trunk light, clock open door warning light, radio, cassette tape player, anti-lock brake system, theft deterrent system, electric sun roof.

13. HAZ-HONE 20 A: Emergency flashers, horns

Engine compartment
(except vehicles for Canada)



80050E 07

14. FAN-I/UP 7.5 A: Multiport fuel injection system/sequential multiport fuel injection system

15. SPARE 7.5 A: Spare fuse

16. SPARE 15 A: Spare fuse

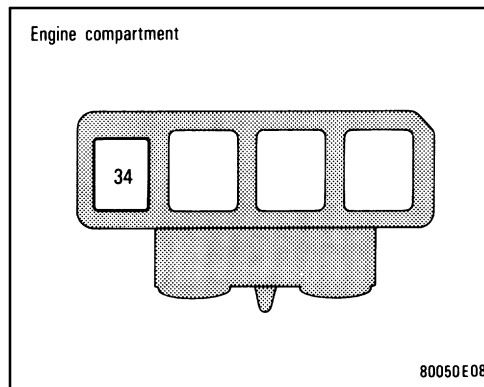
17. SPARE 20 A: Spare fuse

18. HEAD (RH) 15 A: Right-hand headlight

19. HEAD (LH) 15 A: Left-hand headlight

20. ALT-S 7.5 A: Charging system

21. EFI, F-HTR 15 A: Multiport fuel injection system/sequential multiport fuel injection system, electronically controlled automatic transmission system



22. DRL 7.5 A: Daytime running light system

23. HEAD (LH-UPR) 10 A: Left-hand headlight (high beam)

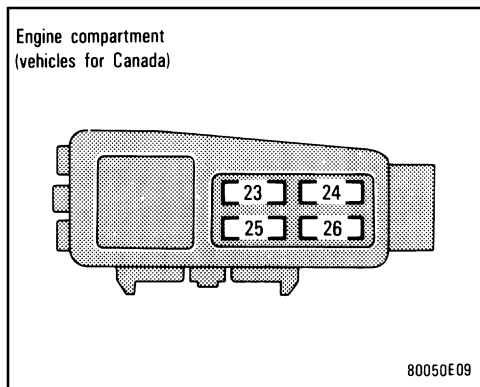
24. HEAD (LH-LWR) 10 A: Left-hand headlight (low beam)

25. HEAD (RH-UPR) 10 A: Right-hand headlight (high beam)

26. HEAD (RH-LWR) 10 A: Right-hand headlight (low beam)

27. OBD 7.5 A: On-board diagnosis system

28. EFI 15 A: Multiport fuel injection system/sequential multiport fuel injection system, electronically controlled automatic transmission system



Fuses (type B)

29. POWER 30 A: Power windows, power door lock system, electric sun roof

30. DEF 30 A: Rear window defogger

31. HEATER 40 A: Air conditioning system

32. AM2 30 A: Starting system and "IGN" fuse

33. FAN 30 A: Electric cooling fan and "FAN-I/UP"

34. CDS 30 A: Electric cooling fan

Fuses (type C)

35. AM1 40 A: "CIG & RADIO", "GAUGE", "TURN", "ECU-IG", "WIP", "DEF" and "OBD" fuses

36. ALT 100 A: Tail lights, "DEF", "STOP", "ECU-B" and "AM 1" fuses

37. ABS 50 A: Anti-lock brake system