

# SECTION 9

---

## SPECIFICATIONS

Dimensions and weight .....	206
Electric motor .....	206
Traction batteries .....	206
Service specifications .....	207
Tires .....	207
Fuses .....	208

### Dimensions and weight

Overall length	mm (in.)	3980 (156.7)
Overall width	mm (in.)	1695 (66.7)
Overall height	mm (in.)	1675 (65.9)*
Wheelbase	mm (in.)	2410 (94.9)
Front tread	mm (in.)	1460 (57.5)
Rear tread	mm (in.)	1450 (57.1)
Vehicle capacity weight (occupants + luggage) kg(lb)		375 (825)

\*: Unladen vehicle

### Electric motor

Type: Permanent-magnet motor  
(air/water cooling)

Rated output: 20 kW

Maximum output:  
50/3100 – 4600 kW/rpm

Maximum torque:  
190/0 – 1500 N-m/rpm

### Traction batteries

Type: Valve regulated Nickel-Metal  
hydride battery

Voltage: 12 V

Capacity: 95 Ah (5HR)

Quantity: 24

Overall voltage: 288 V

Overall consumption: 25.9 kWh

## Service specifications

### COOLING SYSTEM

Total capacity, L (qt., Imp. qt.):  
"TOYOTA Long Life Coolant" or  
equivalent 2.9 (3.1, 2.6)

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

### AUXILIARY 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: 5 A max.

### TRANSAXLE

Fluid capacity (drain and refill),  
L (qt., Imp. qt.):  
Up to 1.6 (1.7, 1.4)

Fluid type: D-II or DEXRON®III (DEX-  
RON®II)

### BRAKES

Minimum pedal clearance when depressed  
with the force of 196 N (20 kgf, 44 lbf)  
with the traction motor running, mm (in.):  
93 (3.7)

Pedal free play, mm (in.):  
0.2 – 2 (0.008 – 0.08)

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):  
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

## Tires

### Tire size and pressure:

Tire size	kPa (kgf/cm <sup>2</sup> or bar, psi)
Standard	
195/80R16 97S	300 (3.0, 44)
Spare	
T155/70D17 420	(4.2, 60)

### Wheel size:

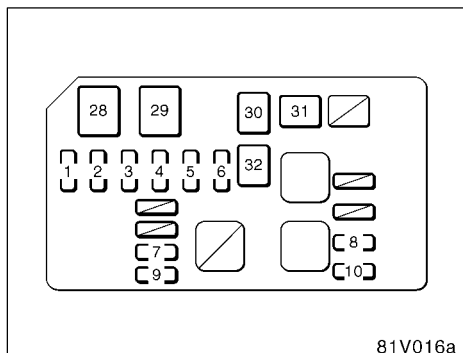
Standard	16 x 6 1/2 JJ
Spare	17 x 4T

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

103 (10.5, 76)

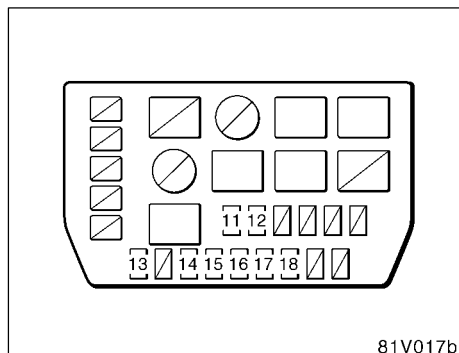
NOTE: For complete information on tires  
(e.g. replacing tires or replacing wheels),  
see "Checking tire pressure" on page 186  
through "Aluminum wheel precautions" on  
page 192 in Section 8-2.

## Fuses



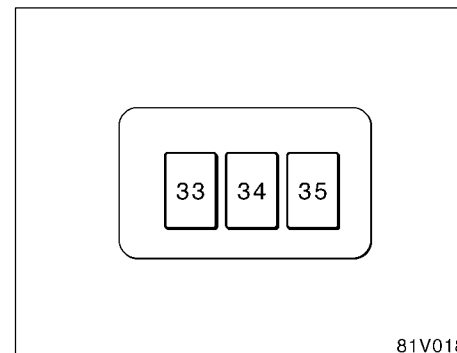
Motor compartment

- 1 **DOME 10A:** Interior light, personal light, open door warning light, audio system and clock
- 2 **HAZ-HORN 15A:** Emergency flashers and horns
- 3 **AM2 10A:** Starting system, gauges and meters
- 4 **IGX 15A:** DC/DC converter, inverter
- 5 **ECU-B 10A:** Gauges and meters, vacuum pump
- 6 **OBD II 5A:** On-board diagnosis
- 7 **SPARE 15A:** Spare fuse



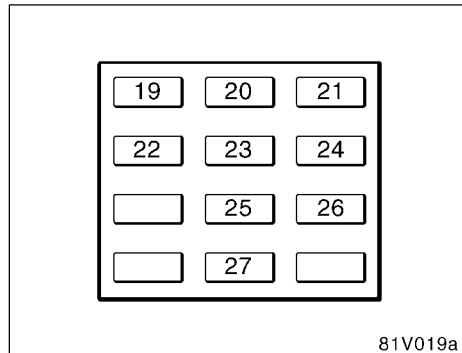
Motor compartment

- 8 **H-LP (LH) 15A:** Left-hand headlight
- 9 **SPARE 10A:** Spare fuse
- 10 **H-LP (RH) 15A:** Right-hand headlight
- 11 **BAT FAN2 20A:** Traction battery fan
- 12 **BAT FAN1 20A:** Traction battery fan
- 13 **SPARE 20A:** Spare fuse
- 14 **REG BRK 10A:** Regenerative brake
- 15 **W/PUMP 15A:** Wipers and washers
- 16 **A/C 10A:** Air conditioning
- 17 **S-HTR R.R 15A:** Seat heaters
- 18 **CHG LID OPN 5A:** Charge door opener



Motor compartment

- 19 **STOP 10A:** Stop lights and shift lock system
- 20 **TAIL 10A:** Parking lights, tail lights and license plate light
- 21 **GAUGE 10A:** Shift position indicators, gauges and meters
- 22 **CIG & RAD 15A:** Cigarette lighter, clock, shift lock system and audio system
- 23 **PANEL 5A:** Instrument panel illumination
- 24 **TURN 7.5A:** Emergency flashers
- 25 **WIPER 20A:** Wipers and washers
- 26 **SEAT-HTR 10A:** Seat heaters



**Instrument panel**

- 27 ECU-IG 15A:** Air conditioning, shift lock system
- 28 DC/DC 80A:** DC/DC converter
- 29 ABS 40A:** Anti-lock brake system
- 30 HTR 30A:** Air conditioning inverter, condenser fan, blower
- 31 FAN 1 30A:** Condenser fan
- 32 MAIN 40A:** Headlights
- 33 EHPS 80A:** Power steering
- 34 MAIN 100A:** EV system
- 35 ABS 40A:** Anti-lock brake system

