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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> SPECIFICATIONS: MAINTENANCE: SERVICE DATA; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## SERVICE DATA

### M20A-FXS Standard Engine Oil Grade

OIL GRADE	OIL VISCOSITY (SAE)
ILSAC GF-6B multigrade engine oil	0W-16

### M20A-FXS Engine Oil Standard Capacity (for HEV Model)

ITEM	STANDARD CONDITION
Drain and refill with oil filter change	4.2 liters (4.4 US qts, 3.7 Imp. qts)
Drain and refill without oil filter change	3.9 liters (4.1 US qts, 3.4 Imp. qts)
Dry fill	5.4 liters (5.7 US qts, 4.8 Imp. qts)

### M20A-FXS Engine Oil Standard Capacity (for PHEV Model)

ITEM	STANDARD CONDITION
Drain and refill with oil filter change	3.9 liters (4.1 US qts, 3.4 Imp. qts)
Drain and refill without oil filter change	3.5 liters (3.7 US qts, 3.1 Imp. qts)
Dry fill	5.3 liters (5.6 US qts, 4.7 Imp. qts)

### 2ZR-FXE Standard Engine Oil Grade

OIL GRADE	OIL VISCOSITY (SAE)
API grade SN "Resource-Conserving", SN PLUS "Resource-Conserving" or SP "Resource-Conserving"; or ILSAC GF-6B multigrade engine oil	0W-16
API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving", SN PLUS "Resource-Conserving" or SP "Resource-Conserving"; or ILSAC GF-6A multigrade engine oil	0W-20 5W-20 5W-30 10W-30

### 2ZR-FXE Engine Oil Standard Capacity

ITEM	STANDARD CONDITION
Drain and refill with oil filter change	4.2 liters (4.4 US qts, 3.7 Imp. qts)
Drain and refill without oil filter change	3.9 liters (4.1 US qts, 3.4 Imp. qts)
Dry fill	4.7 liters (5.0 US qts, 4.1 Imp. qts)

### Q810 Hybrid Transaxle Fluid

Hybrid transaxle fluid standard capacity (for Reference)	Classification
1.4 liters (1.5 US qts, 1.2 Imp. qts)	TOYOTA GENUINE e-Transaxle Fluid TE

**M20A-FXS Coolant (for Engine Coolant)**

Standard Capacity	Classification
6.1 liters (6.4 US qts, 5.4 Imp. qts)	Use only "TOYOTA Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology of a combination of low phosphates and organic acids).

**2ZR-FXE Coolant (for Engine Coolant)**

Standard Capacity	Classification
5.5 liters (5.8 US qts, 4.8 Imp. qts)	Use only "TOYOTA Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology of a combination of low phosphates and organic acids).

**M20A-FXS Coolant (for Inverter)**

CAPACITY	CLASSIFICATION
1.6 liters (1.7 US qts, 1.4 Imp. qts)	Use only "TOYOTA Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology consists of a combination of low phosphates and organic acids).

**2ZR-FXE Coolant (for Inverter)**

CAPACITY	CLASSIFICATION
1.5 liters (1.6 US qts, 1.3 Imp. qts)	Use only "TOYOTA Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology consists of a combination of low phosphates and organic acids).

**Brake Fluid**

SAE J1703 or FMVSS No. 116 DOT3
SAE J1704 or FMVSS No. 116 DOT4

**Cold Tire Inflation Pressure**

TIRE SIZE	COLD TIRE INFLATION PRESSURE	
	FRONT	REAR
195/60R17 90H	240 kPa (2.4 kgf/cm <sup>2</sup> , 35 psi)*1	230 kPa (2.3 kgf/cm <sup>2</sup> , 33 psi)*1
	250 kPa (2.5 kgf/cm <sup>2</sup> , 36 psi)*2	240 kPa (2.4 kgf/cm <sup>2</sup> , 35 psi)*2
195/50R19 88H	240 kPa (2.4 kgf/cm <sup>2</sup> , 35 psi)	230 kPa (2.3 kgf/cm <sup>2</sup> , 33 psi)
*1: for Rough Road Area Specification		
*2: except Rough Road Area Specification		

### Cold Tire Inflation Pressure (for Compact Spare Tire)

TIRE SIZE	COLD TIRE INFLATION PRESSURE
T145/90D16 106M	420 kPa (4.2 kgf/cm <sup>2</sup> , 60 psi)

### Maximum Wheel Imbalance

MAXIMUM WHEEL IMBALANCE
8.0 g (0.0176 lb)

### Vehicle Height (Unloaded Vehicle)

ENGINE	DRIVE TYPE	FRONT A - B	REAR C - D
M20A-FXS	2WD	115 mm (4.53 in.)	58 mm (2.28 in.) 62 mm (2.44 in.)*
	AWD	115 mm (4.53 in.)	60 mm (2.36 in.)
2ZR-FXE	2WD	105 mm (4.13 in.)	50 mm (1.97 in.)
*:for PHEV			

### Measurement Points:

A: Ground clearance of front wheel center

B: Ground clearance of center of bolt head of front lower No. 2 suspension arm bushing (rear bolt of front lower No. 1 suspension arm sub-assembly).

C: Ground clearance of rear wheel center

D: Ground clearance of center of tip of threaded portion of rear lower No. 2 suspension arm assembly and rear suspension member sub-assembly.

### Front Camber (Unloaded Vehicle)

ENGINE	CAMBER INCLINATION	RIGHT-LEFT DIFFERENCE
M20A-FXS	-0°33' +/- 0°45' (-0.55° +/- 0.75°)	0°45' (0.75°) or less
2ZR-FXE	-0°27' +/- 0°45' (-0.45° +/- 0.75°)	

### Front Caster (Unloaded Vehicle)

ENGINE	DRIVE TYPE	TIRE SIZE	CASTER INCLINATION	RIGHT-LEFT DIFFERENCE
M20A-FXS	2WD	195/60R17	7°05' +/- 0°45' (7.08° +/- 0.75°) 7°11' +/- 0°45' (7.18° +/- 0.75°)*	0°45' (0.75°) or less
		195/50R19	7°06' +/- 0°45' (7.10° +/- 0.75°) 7°12' +/- 0°45' (7.20° +/- 0.75°)*	
	AWD	195/60R17 195/50R19	7°09' +/- 0°45' (7.15° +/- 0.75°)	
2ZR-FXE	2WD	195/60R17	6°58' +/- 0°45' (6.97° +/- 0.75°)	
*:for PHEV				

### Steering Axis Inclination (Unloaded Vehicle)

ENGINE	STEERING AXIS INCLINATION REFERENCE
M20A-FXS	14°33' (14.55°)
2ZR-FXE	14°19' (14.32°)

### Front Toe-in (Unloaded Vehicle)

ENGINE	TIRE SIZE	SPECIFIED CONDITION
M20A-FXS	195/60R17	C + D: 0°06' +/- 0°10' (0.10° +/- 0.17°)
		B - A: 1.2 +/- 2.0 mm (0.0472 +/- 0.0787 in.)
	195/50R19	C + D: 0°06' +/- 0°10' (0.10° +/- 0.17°)
		B - A: 1.2 +/- 2.0 mm (0.0472 +/- 0.0787 in.)
2ZR-FXE	195/60R17	C + D: 0°05' +/- 0°10' (0.08° +/- 0.17°)
		B - A: 0.9 +/- 2.0 mm (0.0354 +/- 0.0787 in.)

### Wheel Turning Angle (Unloaded Vehicle)

ENGINE	TIRE SIZE	INSIDE WHEEL	OUTSIDE WHEEL
M20A-FXS	195/60R17	41°07' +/- 2°00' (41.12° +/- 2.00°)	34°52' (34.87°)
	195/50R19	39°28' +/- 2°00' (39.47° +/- 2.00°)	33°53' (33.88°)
2ZR-FXE	195/60R17	41°22' +/- 2°00' (41.37° +/- 2.00°)	35°12' (35.20°)

### Rear Camber (Unloaded Vehicle)

ENGINE	DRIVE TYPE	CAMBER INCLINATION	RIGHT-LEFT DIFFERENCE
M20A-FXS	2WD	-1°12' +/- 0°45' (-1.20° +/- 0.75°) -1°16' +/- 0°45' (-1.27° +/- 0.75°)*	0°45' (0.75°) or less
	AWD	-1°14' +/- 0°45' (-1.23° +/- 0.75°)	
2ZR-FXE	2WD	-1°04' +/- 0°45' (-1.07° +/- 0.75°)	
*:for PHEV			

### Rear Toe-in (Unloaded Vehicle)

ENGINE	DRIVE TYPE	TIRE SIZE	SPECIFIED CONDITION	RIGHT-LEFT DIFFERENCE
M20A-FXS	2WD	195/60R17	C + D: 0°16' +/- 0°10' (0.26° +/- 0.17°) C + D: 0°17' +/- 0°10' (0.28° +/- 0.17°)*	-
			B - A: 3.0 +/- 2.0 mm (0.118 +/- 0.0787 in.) B - A: 3.2 +/- 2.0 mm (0.126 +/- 0.0787 in.)*	2.0 mm (0.0787 in.) or less
		195/50R19	C + D: 0°16' +/- 0°10' (0.26° +/- 0.17°) C + D: 0°17' +/- 0°10' (0.28° +/- 0.17°)*	-
			B - A: 3.1 +/- 2.0 mm (0.122 +/- 0.0787 in.) B - A: 3.3 +/- 2.0 mm (0.13 +/- 0.0787 in.)*	2.0 mm (0.0787 in.) or less
	AWD	195/60R17	C + D: 0°16' +/- 0°10' (0.27° +/- 0.17°)	-
			B - A: 3.1 +/- 2.0 mm (0.122 +/- 0.0787 in.)	2.0 mm (0.0787 in.) or less
		195/50R19	C + D: 0°16' +/- 0°10' (0.27° +/- 0.17°)	-
			B - A: 3.2 +/- 2.0 mm (0.126 +/- 0.0787 in.)	2.0 mm (0.0787 in.) or less
2ZR-FXE	2WD	195/60R17	C + D: 0°16' +/- 0°10' (0.27° +/- 0.17°)	-
			B - A: 3.1 +/- 2.0 mm (0.122 +/- 0.0787 in.)	2.0 mm (0.0787 in.) or less
*:for PHEV				

