

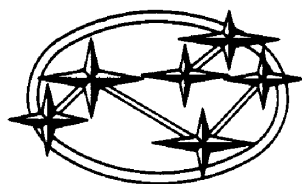
SUBARU

1988

XT 2

Page

2



• XT

ITEM				1800				2700			
				FWD			4WD	FWD	4WD		
				DL	GL	GL	GL	XT6	Full time 4WD XT6	Full time 4WD XT6	
				MPFI 5MT	MPFI 5MT	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT	
Overall length				mm (in)		4,510 (177.6)					
Overall width				mm (in)		1,690 (66.5)					
Overall height				mm (in)		1,255 (49.4)		1,330 (52.4)	1,255 (49.4)	1,335 (52.6)	
Compartment	Leg room	Front Max.	mm (in)	1,100 (43.3)							
		Rear Min.	mm (in)	665 (26.2)							
	Head room	Front	mm (in)	950 (37.4)							
		Rear	mm (in)	875 (34.4)							
	Shoulder room		mm (in)	1,340 (52.8)							
Wheelbase				mm (in)		2,465 (97.0)					
Tread		Front	mm (in)	1,435 (56.5)			1,420 (55.9)	1,445 (56.9)	1,435 (56.5)		
		Rear	mm (in)	1,425 (56.1)					1,440 (56.7)		
Ground clearance				mm (in)		120 (4.7)		155 (6.1)	125 (4.9)	165 (6.5)	
Weight kg (lb)	Curb weight	U.S.A.	Front	*1 640 (1,410)	*2 650 (1,435)	*2 705 (1,555)	*2 680 (1,500)	*3 810 (1,785)	*3 790 (1,740)	*3 825 (1,820)	
			Rear	*1 435 (965)	*2 455 (1,000)	*2 455 (1,005)	*2 510 (1,125)	*3 460 (1,010)	*3 510 (1,125)	*3 515 (1,135)	
			Total	*1 1,075 (2,375)	*2 1,105 (2,435)	*2 1,160 (2,560)	*2 1,190 (2,625)	*3 1,270 (2,795)	*3 1,300 (2,865)	*3 1,340 (2,955)	
		CANADA	Front	—	*1 640 (1,405)	*1 695 (1,525)	*1 670 (1,470)	*3 800 (1,765)	*3 785 (1,725)	*3 820 (1,805)	
			Rear	—	*1 445 (985)	*1 450 (995)	*1 500 (1,105)	*3 455 (1,000)	*3 505 (1,115)	*3 510 (1,125)	
			Total	—	*1 1,085 (2,390)	*1 1,145 (2,520)	*1 1,170 (2,575)	*3 1,255 (2,765)	*3 1,290 (2,840)	*3 1,330 (2,930)	
	Gross vehicle weight	Front	740 (1,630)	870 (1,920)	870 (1,920)	885 (1,950)	925 (2,040)	945 (2,080)	945 (2,080)		
		Rear	660 (1,460)	690 (1,520)	690 (1,520)	745 (1,640)	695 (1,530)	750 (1,660)	750 (1,660)		
		Total	1,400 (3,090)	1,560 (3,440)	1,560 (3,440)	1,630 (3,590)	1,620 (3,570)	1,695 (3,740)	1,695 (3,740)		
Seating capacity				persons		2	4				

*1: The weight of power steering is included.

*2: The weight of power steering and power window is included.

*3: The weight of air conditioner and cruise control is included.

MODEL ITEM		1800				2700		
		FWD			4WD	FWD	4WD	
		DL	GL	GL	GL	XT6	Full time 4WD XT6	Full time 4WD XT6
		MPFI 5MT	MPFI 5MT	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine with multi-point fuel injection				Horizontally opposed, liquid cooled, 6-cylinder, 4-stroke gasoline engine with multi-point fuel injection		
Valve arrangement		Overhead camshaft type						
Bore x stroke mm (in)		92 x 67 (3.62 x 2.64)						
Displacement cm ³ (cu in)		1,781 (108.68)				2,672 (163.05)		
Compression ratio		9.5:1						
Firing order		1-3-2-4				1-6-3-2-5-4		
Ignition timing at idling speed BTDC/rpm *1		20° ± 2°/700		20° ± 2°/800	20° ± 2°/700	20° ± 2°/750		
Idling speed at neutral, N or P position rpm		700 ± 100		800 ± 100	700 ± 100	750 ± 100		
Spark plug	Type and manufacturer	For U.S.A.: (BPR6ES-11 (or BPR5ES-11, BPR7ES-11) NGK W20EPR-U11 (or W16EPR-U11, W22EPR-U11) Nippondenso RN9YC-4 (or RN11YC-4) Champion For Canada: RN9YC-4 (or RN11YC-4) Champion						
Maximum output HP/rpm		97/5,200				145/5,200		
Maximum torque N·m (kg·m, ft·lb)/rpm		139 (14.2, 103)/3,200				211 (21.5, 156)/4,000		
Battery	Type	50D20R (MF)		65D23R (MF)	50D20R (MF)	75D23R (MF)	55D23R (MF)	75D23R (MF)
	Reserve capacity (min.)	78		111	78	111	99	111
	Cold cranking ampere (amp.)	306		420	306	490	356	490
Alternator		12V - 65A				12V - 90A		
Clutch type		DSPD		TC	DSPD	TC	DSPD	TC
Transmission type		*2		*3	*2	*3	*2	*3
Gear ratio	1st	3.636		2.785	3.545	2.785	3.545	2.785
	2nd	2.105		1.545	2.111	1.545	1.947	1.545
	3rd	1.428		1.000	1.448	1.000	1.366	1.000
	4th	1.093		0.694	1.088	0.694	0.972	0.694
	5th	0.885		—	0.871	—	0.780	—
	Reverse	3.583		2.272	3.416	2.272	3.416	2.272

DSPD: Dry Single Plate Diaphragm

TC : Torque Converter

*1: With gear in neutral position (MT) or "P" position (AT)

*2: 5-forward speeds with synchromesh and 1-reverse

*3: Full automatic, 4-forwards and 1-reverse

MODEL ITEM			1800				2700		
			FWD			4WD	FWD	4WD	
			DL	GL	GL	GL	XT6	Full time 4WD XT6	Full time 4WD XT6
			MPFI 5MT	MPFI 5MT	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT
Reduction gear (Front drive)	Final reduction	Type of gear	Hypoid						
		Reduction gear ratio	3.700		3.900	3.700		3.900	3.700
Reduction gear (Rear drive)	Transfer reduction	Type of gear	—			Helical	—	Helical	—
		Reduction gear ratio	—			1.000	—	1.000	—
	Final reduction	Type of gear	—			Hypoid	—	Hypoid	
		Reduction gear ratio	—			3.700	—	3.900	3.700
Steering system	Type		Rack and pinion						
	Turns, lock to lock		4.8	3.5			3.2		
	Minimum turning circle m (ft)		9.7 (31.8) [at tire] , 10.8 (35.4) [at bumper]				10.4 (34.1) [at tire] 11.3 (37.1) [at bumper]		
Suspension	Front		*1			*2	*1	*2	
	Rear		*3			*4	*3	*4	
Brake	Service brake system		Dual circuit hydraulic with vacuum suspended power unit						
	Front		Ventilated disc brake						
	Rear		Drum brake (Leading & trailing type)			Disc brake			
	Parking brake		Mechanical on front brake						
Tire	Size		165SR13	185/70HR13			195/60R14 85H	205/60R14 87H	
	Type		Steel belted radial, Tubeless						

*1: MacPherson strut type, Independent, Coil spring

*2: MacPherson strut type, Independent, Pneumatic suspension (CANADA: with height control)

*3: Semi-trailing arm type, Independent, Coil spring

*4: Semi-trailing arm type, Independent, Pneumatic suspension (CANADA: with height control)

ITEM \ MODEL			1800				2700		
			FWD			4WD	FWD	4WD	
			DL	GL	GL	GL	XT6	Full time 4WD XT6	Full time 4WD XT6
			MPFI 5MT	MPFI 5MT	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT	MPFI 5MT S/R	MPFI 4AT
Capacity	Fuel tank	ℓ (US gal, Imp gal)	60 (15.9, 13.2)						
	Engine oil	Upper level ℓ (US qt, Imp qt)	4.0 (4.2, 3.5)				5.0 (5.3, 4.4)		
		Lower level ℓ (US qt, Imp qt)	3.0 (3.2, 2.6)				4.0 (4.2, 3.5)		
	Transmission gear oil ℓ (US qt, Imp qt)		2.6 (2.7, 2.3)		—	3.3 (3.5, 2.9)	—	3.5 (3.7, 3.1)	—
	Automatic transmission fluid ℓ (US qt, Imp qt)		—		9.3 (9.8, 8.2)	—	9.3 (9.8, 8.2)	—	9.5 (10.0, 8.4)
	AT differential gear oil ℓ (US qt, Imp qt)		—		1.4 (1.5, 1.2)	—	1.4 (1.5, 1.2)	—	1.4 (1.5, 1.2)
	4WD rear differential gear oil ℓ (US qt, Imp qt)		—			0.8 (0.8, 0.7)	—	0.8 (0.8, 0.7)	
	Power steering fluid ℓ (US qt, Imp qt)		—	0.7 (0.7, 0.6)					
	Engine coolant ℓ (US qt, Imp qt)		5.5 (5.8, 4.8)				7 (7.4, 6.2)		