

FOREWORD

1. Foreword

A: FOREWORD

These manuals are used when performing maintenance, repair or diagnosis of Subaru LEGACY.

Applicable model:
2009MY BL****, BP****

The manuals contain the latest information at the time of publication. Changes in the specifications, methods, etc. may be made without notice.

How to Use This Manuals

HOW TO USE THIS MANUALS

1. How to Use This Manuals

A: HOW TO USE THIS MANUALS

1. STRUCTURE

Each section consists of SCT that are broken down into SC that are divided into sections for each component. The specification, maintenance and other information for the components are included, and the diagnostic information has also been added where necessary.

2. CONTENTS

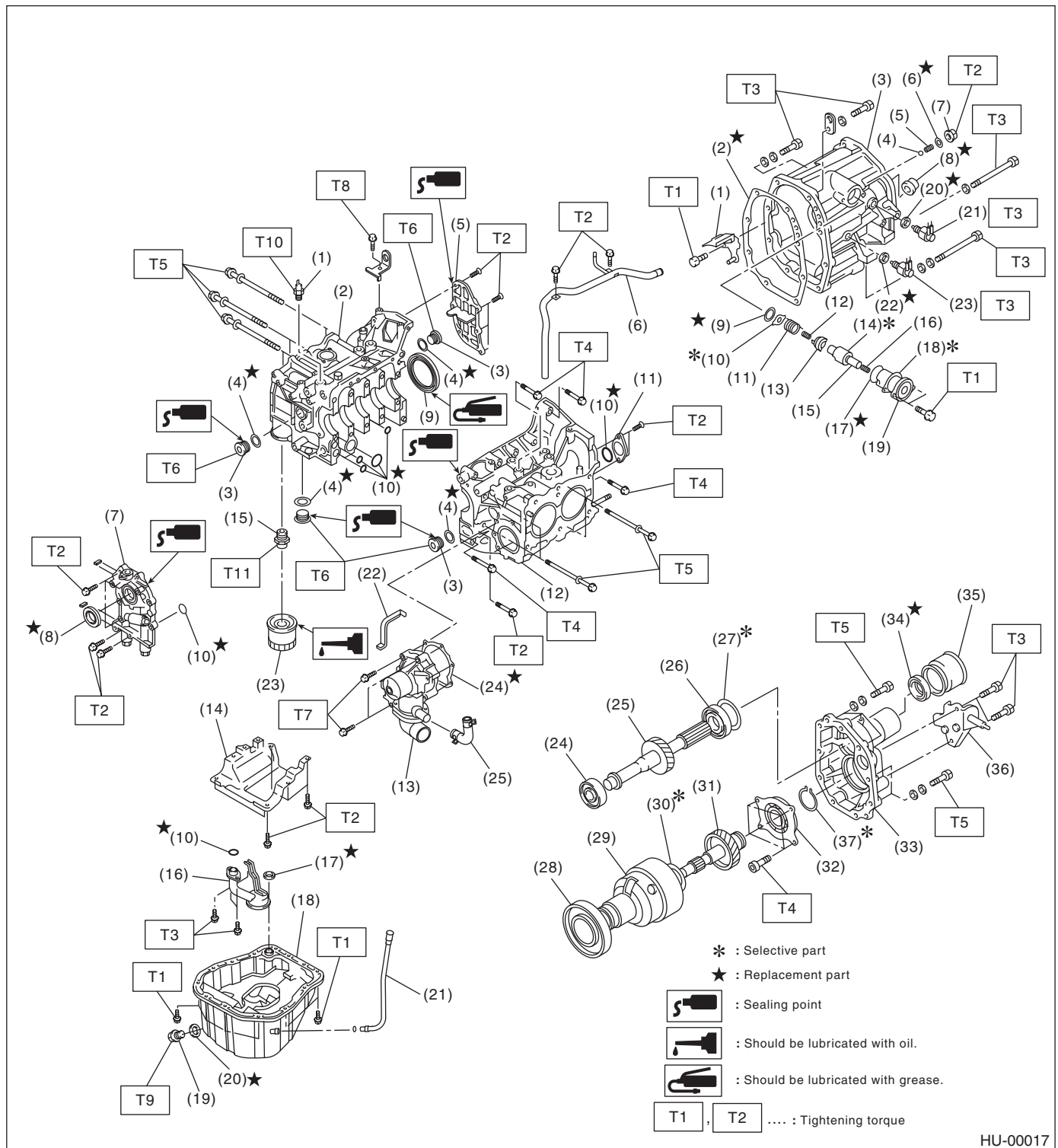
The first page has an index with tabs.

3. COMPONENT

Illustrations are provided for each component. The information necessary for repair work (tightening torque, grease up points, etc.) is described on these illustrations. Information is described using symbol.

To order parts, refer to parts catalogue.

Example:



HU-00017

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4. SPECIFICATION

If necessary, specifications are also included.

5. INSPECTION

Inspections to be carried out before and after maintenance are included.

6. MAINTENANCE

- Maintenance instructions for serviceable parts describe work area and detailed step with illustration. It also describes the use of special tool, tightening torque, caution for each procedure.
- If many serviceable parts are included in one service procedure, appropriate reference is provided for each parts.

Example:

15. Main Shaft Assembly for Single-Range ← (A)

A: REMOVAL ← (B)

1) Remove the manual transmission assembly from vehicle. <Ref. to MT-33, REMOVAL, Manual Transmission Assembly.> ← (C)

11) Tighten the lock nuts to the specified torque using ST1 and ST2.

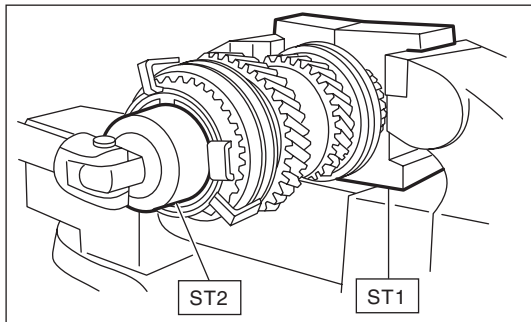
NOTE: ← (D)
Secure the lock nuts in two places after tightening.

ST1 498937000 TRANSMISSION HOLDER

ST2 499987003 SOCKET WRENCH (35) ← (E) (F)

Tightening torque:

118 N·m (12.0 kgf-m, 86.8 ft-lb) ← (G)



HU-00020

(A) Component

(D) Cautions

(G) Tightening torque

(B) Process

(E) Tool number of special tool

(H) Illustration

(C) Reference

(F) Name of special tool

7. DIAGNOSIS

Tables showing a step-by-step process make it easy to conduct diagnosis.

8. SI UNITS

Measurements in these manuals are according to the SI units. Metric and yard/pound measurements are also included.

Example:

Tightening torque:

44 N·m (4.5 kgf·m, 33 ft·lb)

Item	SI units	Conventional unit	Remarks
Force	N (Newton)	kgf	1 kgf = 9.80655 N
Mass (Weight)	kg, g	kg, g	
Capacity	ℓ, mℓ or cm ³	ℓ or cc	1 cc = 1 cm ³ = 1 mℓ
Torque	N·m	kgf·m, kgf·cm	1 kgf·m = 9.80655 N·m
Rotating speed	rpm	rpm	
Pressure	kPa (kilopascal)	kgf/cm ²	1 kgf/cm ² = 98.0655 kPa
		mmHg	1 mmHg = 0.133322 kPa
Power	W	PS	1 PS = 0.735499 kW
Calorie	W·h	cal	1 kcal = 1.16279 W·h
Fuel consumption rate	g/kw·h	g/PS·h	1 g/PS·h = 1.3596 g/kW·h

The figure used in these manuals are described in the SI units and conventional units are described in ().

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9. EXPLANATION OF TERMINOLOGY

• List

AAI	: Air Assist Injection	H/U	: Hydraulic Unit
A/B	: Airbag	HVAC	: Heater, Ventilator and Air Conditioner
ABS	: Anti-lock Brake System	IG	: Ignition
A/C	: Air Conditioner	IN	: Intake
ADA	: Active Driving Assist	INT	: Intermittent
A/F	: Air Fuel Ratio	I/O	: Input / Output
ALT	: Generator	ISC	: Idle Speed Control
APS	: Accessory power supply socket	LAN	: Local Area Network
ASSY	: Assembly	LH	: LH (Left Hand)
AT	: Automatic Transmission	LSD	: Limited Slip Differential
ATF	: Automatic Transmission Fluid	M/B	: Main Fuse & Relay Box
AVCS	: Active Valve Control System	MID	: Multi-information Display
AWD	: All Wheel Drive	MFI	: Multi Point Injection
BATT	: Battery	MP-T	: Multi-Plate Transfer
BJ	: Bell Joint	MT	: Manual Transmission
CAN	: Communication Area Network	NA	: Natural Aspiration
CD	: Compact Disc	OP	: Option Parts
COMPL	: Complete	PC	: Personal Computer
CPU	: Central Processing Unit	PCV	: Positive Crankcase Ventilation
DOHC	: Double Overhead Camshaft	P/S	: Power Steering
DOJ	: Double Offset Joint	PTJ	: Pillow Tripod Joint
DTC	: Diagnostic code	P/W	: Power Window
EBJ	: High-Efficiency Compact Ball Fixed Joint	RH	: RH (Right Hand)
ECM	: Engine Control Module	Rr	: Rear
EDJ	: High-Efficiency Compact Double Offset Joint	SDI	: SUBARU Diagnostic Interface
EGI	: Electronic Gasoline Injection	SI-DRIVE	: SUBARU Intelligent Drive
E/G	: Engine	SOHC	: Single Overhead Camshaft
EGR	: Exhaust Gas Recirculation	SRS	: Supplemental Restraint System
ETC	: Electronic Throttle Control	ST	: Special Tool
EX	: Exhaust	SW	: Switch
F/B	: Fuse & Joint Box	TCS	: Traction Control System
Ft	: Front	TGV	: Tumble Generator Valve
FWD	: Front Wheel Drive	VDC	: Vehicle Dynamics Control
GPS	: Global Positioning System	VTD	: Variable Torque Distribution
HID	: High-Intensity Discharge		

LEGACY

SPECIFICATIONS

1. LEGACY

A: DIMENSION

1. SEDAN MODEL

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Overall length	mm (in)	4,700 (185.0)		
Overall width	mm (in)	1,730 (68.1)		
Overall height (at C.W.)	mm (in)	1,425 (56.1)	1,425 (56.1), 1,435 (56.5) ^{*2}	1,435 (56.5)
Compartment	Length	mm (in)	1,900 (74.8)	
	Width	mm (in)	1,445 (56.9)	
	Height	mm (in)	1,165 (45.9), 1,100 (43.3) ^{*1}	
Wheelbase	mm (in)	2,670 (105.1)		
Tread	Front	mm (in)	1,495 (58.9)	
	Rear	mm (in)	1,485 (58.5)	
Minimum road clearance	mm (in)	150 (5.9)	150 (5.9), 160 (6.3) ^{*2}	160 (6.3)

*1: With sunroof

*2: 2.5 GT spec. B model

2. WAGON MODEL

Model		2.5 L SOHC	2.5 L DOHC turbo
Overall length	mm (in)	4,785 (188.4)	
Overall width	mm (in)	1,730 (68.1)	
Overall height (at C.W.)	mm (in)	1,475 (58.1)	
Compartment	Length	mm (in)	1,840 (72.4)
	Width	mm (in)	1,445 (56.9)
	Height	mm (in)	1,190 (46.9), 1,145 (45.1) ^{*1}
Wheelbase	mm (in)	2,670 (105.1)	
Tread	Front	mm (in)	1,495 (58.9)
	Rear	mm (in)	1,485 (58.5)
Minimum road clearance	mm (in)	150 (5.9)	155 (6.1)

*1: With sunroof

B: ENGINE

Model	2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Engine type	Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine		Horizontally opposed, liquid cooled, 6-cylinder, 4-stroke gasoline engine
Valve arrangement	Overhead camshaft		
Bore × stroke mm (in)	99.5 × 79.0 (3.917 × 3.110)		89.2 × 80.0 (3.512 × 3.150)
Displacement cm ³ (cu in)	2,457 (149.9)		3,000 (183.06)
Compression ratio	10.0	8.4	10.7
Ignition order	1 — 3 — 2 — 4		1 — 6 — 3 — 2 — 5 — 4
Idle speed at Park or Neutral position rpm	650 (MT) 700 (AT)	750	650
Maximum output kW (HP)/rpm	125 (170)/6,000	184 (243)/6,000	185 (245)/6,600
Maximum torque N·m (kgf-m, ft-lb)/rpm	230 (23.5, 170)/4,400	327 (33.3, 241)/3,600	291 (29.7, 215)/4,200

C: ELECTRICAL

Model	2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Ignition timing (at idling) BTDC	MT: 10° AT: 15°	MT: 12° AT: 17°	15°
Spark plug Type and manufacturer	NGK: FR5AP-11	NGK: SILFR6A	NGK: ILFR6B
Generator	12 V — 110 A		
Battery Type and capacity (5HR)	MT	12V — 48AH (55D23L)	
	AT	12V — 52AH (75D23L)	

LEGACY

SPECIFICATIONS

D: TRANSMISSION

1. MT

Model		2.5 L SOHC	2.5 L DOHC turbo	
Transmission type		5MT	5MT	6MT
Clutch type		DSPD	DSPD	DSPD
Gear ratio	1st	3.454	3.166	3.636
	2nd	2.062	1.882	2.235
	3rd	1.448	1.296	1.521
	4th	1.088	0.972	1.137
	5th	0.780	0.738	0.891
	6th	—	—	0.707
	Rev.	3.333	3.333	3.545
Reduction gear (Front)		Type of gear	Hypoid	Hypoid
		Gear ratio	3.900	3.900
Reduction gear (Rear)	Transfer reduction	Type of gear	Helical	Helical
		Gear ratio	1.000	1.100
	Final reduction	Type of gear	Hypoid	Hypoid
		Gear ratio	3.900	3.545

5MT: 5-forward speeds with synchromesh and 1-reverse

6MT: 6-forward speeds with synchromesh and 1-reverse

DSPD: Dry Single Plate Diaphragm

2. AT

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC	
				3.0 R	3.0 R LTD
Transmission type		4AT	5AT	5AT	
Clutch type		TCC	TCC	TCC	
Gear ratio	1st	2.785	3.540	3.540	
	2nd	1.545	2.264	2.264	
	3rd	1.000	1.471	1.471	
	4th	0.694	1.000	1.000	
	5th	—	0.834	0.834	
	6th	—	—	—	
	Rev.	2.272	2.370	2.370	
Reduction gear (Front)	1st reduction	Type of gear	Helical	Helical	
		Gear ratio	1.000	1.000	
	Final reduction	Type of gear	Hypoid	Hypoid	
		Gear ratio	4.111	3.083	3.272
Reduction gear (Rear)		Type of gear	Hypoid	Hypoid	
		Gear ratio	4.111	3.083	3.272

4AT: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse

5AT: Electronically controlled fully-automatic, 5-forward speeds and 1-reverse

TCC: Torque Converter Clutch

E: STEERING

Model		2.5 L SOHC	2.5 L DOHC turbo		3.0 L DOHC	
			GT spec. B	GT	3.0 R LTD	3.0 R
Type		Rack and pinion				
Turns, lock to lock		3.2	2.6	2.8	2.6	2.8
Minimum turning diameter	Curb to curb	10.8 (35.4)	11.6 (38.0)	10.8 (35.4)	11.6 (38.0)	10.8 (35.4)
	Wall to wall	11.6 (38.1)	12.4 (40.7)	11.6 (35.4)	12.4 (40.7)	11.6 (35.4)

F: SUSPENSION

Front	Macpherson strut type suspension
Rear	Multi-link type suspension

G: BRAKE

Model	2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Service brake system	Dual circuit hydraulic with vacuum suspended power unit		
Front	Ventilated disc brake		
Rear	Disc brake	Ventilated disc brake	
Parking brake	Mechanical on rear brakes		

H: TIRE

Model	2.5 L SOHC		2.5 L DOHC turbo		3.0 L DOHC	
	Canada model	Except Canada model	2.5 GT spec. B	Except 2.5 GT spec.B	3.0 R	3.0 R LTD
Wheel size	16 × 6 1/2JJ	17 × 7JJ	18 × 7JJ	17 × 7JJ	17 × 7JJ	18 × 7JJ
Tire size	P205/55 R16 89H	P205/50 R17 88V	215/45 R18 89Y	215/45 R17 91W	215/45 R17 91W	P215/45 R18 89W
Type	Tubeless, Steel belted radial					

I: CAPACITY

Model		2.5 L SOHC		2.5 L DOHC turbo			3.0 L DOHC	
		5MT	4AT	5MT	5AT	6MT	5AT	
Fuel tank		ℓ (US gal, Imp gal)						64 (16.9, 14.1)
Engine oil	Total capacity (Overhaul)	ℓ (US qt, Imp qt)						5.0 (5.3, 4.4)
	Filling amount of engine oil ℓ (US qt, Imp qt)	When replacing engine oil and oil filter		4.2 (4.4, 3.7)			4.3 (4.5, 3.8)	5.7 (6.0, 5.0)
		When replacing engine oil only		4.0 (4.2, 3.5)			5.5 (5.8, 4.8)	
Transmission gear oil		ℓ (US qt, Imp qt)		3.5 (3.7, 3.1)	—	3.5 (3.7, 3.1)	—	
ATF		ℓ (US qt, Imp qt)		—	9.3 (9.8, 8.2)	—	9.8 (10.4, 8.6)	
Front differential gear oil		ℓ (US qt, Imp qt)		—	1.2 (1.3, 1.1)	—	1.4 (1.5, 1.2)	
Rear differential gear oil		ℓ (US qt, Imp qt)		0.8 (0.8, 0.7)			1.0 (1.1, 0.9)	
Power steering fluid		ℓ (US qt, Imp qt)		0.7 (0.7, 0.6)			0.8 (0.8, 0.7)	
Engine coolant		ℓ (US qt, Imp qt)		6.4 (6.8, 5.6)	6.3 (6.7, 5.5)	7.3 (7.7, 6.4)	7.2 (7.6, 6.3)	

LEGACY

SPECIFICATIONS

J: WEIGHT

1. US MODEL

Model			Sedan				
			2.5 L Non-turbo				
			2.5 i BASE		2.5 i		2.5 i Limited
			5MT	4AT	5MT	4AT	4AT
Destination code			U5, U6				
OP code			DC		DW		EW
Curb weight (C.W.)	Front	kg (lb)	821 (1,810)	841 (1,855)	825 (1,819)	845 (1,864)	854 (1,884)
	Rear	kg (lb)	664 (1,465)	669 (1,475)	673 (1,483)	677 (1,493)	682 (1,503)
	Total	kg (lb)	1,485 (3,275)	1,510 (3,330)	1,498 (3,302)	1,522 (3,357)	1,536 (3,387)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)
Option	Vehicle dynamics control		○	○	○	○	○
	Power package		—	—	—	—	○
	Side airbag		○	○	○	○	○
	Curtain airbag		○	○	○	○	○
	Sunroof		—	—	○	○	○
	Navigation system		—	—	—	—	—
Dark colored glass		—	—	—	—	—	

LEGACY

SPECIFICATIONS

Model		Sedan							
		2.5 L Turbo				3.0 L Non-turbo			
		2.5 GT LTD		2.5 GT spec. B		3.0 R	3.0 R LTD		
		5MT	5AT	6MT	5AT				
Destination code		U4							
OP code		3W	EW	EK	EK	DW	EW	EK	
Curb weight (C.W.)	Front	kg (lb)	872 (1,922)	901 (1,987)	903 (1,992)	912 (2,012)	911 (2,008)	926 (2,042)	928 (2,047)
	Rear	kg (lb)	683 (1,506)	688 (1,516)	688 (1,516)	694 (1,531)	682 (1,503)	685 (1,511)	685 (1,511)
	Total	kg (lb)	1,555 (3,428)	1,589 (3,503)	1,591 (3,508)	1,607 (3,543)	1,592 (3,511)	1,611 (3,553)	1,614 (3,558)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	2,010 (4,435)	2,010 (4,435)	2,010 (4,535)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,535)
Option	Vehicle dynamics control		—	○	○	○	○	○	○
	Power package		○	○	○	○	—	○	○
	Side airbag		○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○
	Sunroof		○	○	○	○	○	○	○
	Navigation system		—	—	○	○	—	—	○
	Dark colored glass		—	—	—	—	—	—	—

LEGACY

SPECIFICATIONS

2. CANADA MODEL

Model			Sedan						
			2.5 L Non-turbo				2.5 L Turbo	3.0 L Non-turbo	
			2.5 i				2.5 GT spec. B	3.0 R	
			5MT		4AT		6MT	5AT	
Destination code			C0	C5	C0	C5	C0		
OP code			DW	UC	DW	UC	EK	EW	EK
Curb weight (C.W.)	Front	kg (lb)	828 (1,826)	812 (1,790)	848 (1,870)	832 (1,835)	913 (2,013)	913 (2,013)	916 (2,020)
	Rear	kg (lb)	678 (1,495)	660 (1,455)	682 (1,504)	664 (1,464)	695 (1,532)	684 (1,508)	684 (1,508)
	Total	kg (lb)	1,506 (3,321)	1,472 (3,246)	1,530 (3,374)	1,496 (3,299)	1,608 (3,546)	1,597 (3,521)	1,600 (3,528)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)
Option	Vehicle dynamics control		○	—	○	—	○	○	○
	Power package		—	—	—	—	○	○	○
	Side airbag		○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○
	Sunroof		○	—	○	—	○	○	○
	Navigation system		—	—	—	—	○	—	○
	Dark colored glass		—	—	—	—	—	—	—

Model		Wagon				
		2.5 L Non-turbo				
		2.5 i				
		5MT		4AT		
Destination code		C0	C5	C0	C5	
OP code		DW	UC	DW	UC	
Curb weight (C.W.)	Front	kg (lb)	823 (1,815)	806 (1,777)	843 (1,859)	826 (1,821)
	Rear	kg (lb)	697 (1,537)	670 (1,477)	697 (1,537)	670 (1,477)
	Total	kg (lb)	1,520 (3,352)	1,476 (3,255)	1,540 (3,396)	1,496 (3,299)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)	1,960 (4,325)
Option	Vehicle dynamics control		○	—	○	—
	Power package		—	—	—	—
	Side airbag		○	○	○	○
	Curtain airbag		○	○	○	○
	Sunroof		○	—	○	—
	Navigation system		—	—	—	—
	Dark colored glass		—	—	—	—

OUTBACK

SPECIFICATIONS

2. OUTBACK

A: DIMENSION

1. WAGON MODEL

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Overall length	mm (in)	4,800 (189.0)		
Overall width	mm (in)	1,770 (69.7)		
Overall height (at C.W.)	mm (in)	1,605 (63.2)		
Compartment	Length	mm (in)	1,840 (72.4)	
	Width	mm (in)	1,445 (56.9)	
	Height	mm (in)	1,190 (46.9), 1,145 (45.1)* ¹	
Wheelbase	mm (in)	2,670 (105.1)		
Tread	Front	mm (in)	1,495 (58.9)	
	Rear	mm (in)	1,490 (58.7)	
Minimum road clearance	mm (in)	215 (8.5)	220 (8.7)	215 (8.5)

*1: With sunroof

B: ENGINE

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine		Horizontally opposed, liquid cooled, 6-cylinder, 4-stroke gasoline engine
Valve arrangement		Overhead camshaft		
Bore × stroke	mm (in)	99.5 × 79.0 (3.917 × 3.110)		89.2 × 80.0 (3.512 × 3.150)
Displacement	cm ³ (cu in)	2,457 (149.9)		3,000 (183.06)
Compression ratio		10.0	8.4	10.7
Ignition order		1 — 3 — 2 — 4		1 — 6 — 3 — 2 — 5 — 4
Idle speed at Park or Neutral position	rpm	650 (MT) 700 (AT)	750	650
Maximum output	kW (HP)/rpm	125 (170)/6,000	184 (243)/6,000	185 (245)/6,600
Maximum torque	N·m (kgf-m, ft-lb)/rpm	230 (23.5, 170)/4,400	327 (33.3, 241)/3,600	291 (29.7, 215)/4,200

C: ELECTRICAL

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Ignition timing (at idling)	BTDC	MT: 10° AT: 15°	MT: 12° AT: 17°	15°
Spark plug	Type and manufacturer	NGK: FR5AP-11	NGK: SILFR6A	NGK: ILFR6B
Generator		12 V — 110 A		
Battery	Type and capacity (5HR)	MT	12V — 48AH (55D23L)	
		AT	12V — 52AH (75D23L)	

D: TRANSMISSION

1. MT

Model		2.5 L SOHC	2.5 L DOHC turbo
Transmission type		5MT	5MT
Clutch type		DSPD	DSPD
Gear ratio	1st	3.454	3.166
	2nd	2.062	1.882
	3rd	1.448	1.296
	4th	1.088	0.972
	5th	0.825	0.738
	Rev.	3.333	3.333
Reduction gear (Front)		Type of gear	Hypoid
		Gear ratio	4.111
Reduction gear (Rear)	Transfer reduction	Type of gear	Helical
		Gear ratio	1.000
	Final reduction	Type of gear	Hypoid
		Gear ratio	4.111

5MT: 5-forward speeds with synchromesh and 1-reverse

DSPD: Dry Single Plate Diaphragm

2. AT

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Transmission type		4AT	5AT	5AT
Clutch type		TCC	TCC	TCC
Gear ratio	1st	2.785	3.540	3.540
	2nd	1.545	2.264	2.264
	3rd	1.000	1.471	1.471
	4th	0.694	1.000	1.000
	5th	—	0.834	0.834
	Rev.	2.272	2.370	2.370
Reduction gear (Front)	1st reduction	Type of gear	Helical	Helical
		Gear ratio	1.000	1.000
	Final reduction	Type of gear	Hypoid	Hypoid
		Gear ratio	4.444	3.272
Reduction gear (Rear)		Type of gear	Hypoid	Hypoid
		Gear ratio	4.444	3.272

4AT: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse

5AT: Electronically controlled fully-automatic, 5-forward speeds and 1-reverse

TCC: Torque Converter Clutch

E: STEERING

Model		2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Type		Rack & pinion		
Turns, lock to lock		3.2		
Minimum turn- ing diameter	m (ft)	Curb to curb	10.8 (35.4)	
		Wall to wall	11.6 (38.1)	

OUTBACK

SPECIFICATIONS

F: SUSPENSION

Front	Macpherson strut type suspension
Rear	Multi-link type suspension

G: BRAKE

Model	2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Service brake system	Dual circuit hydraulic with vacuum suspended power unit		
Front	Ventilated disc brake		
Rear	Disc brake		
Parking brake	Mechanical on rear brakes		

H: TIRE

Model	2.5L SOHC BASE	2.5 L SOHC	2.5 L DOHC turbo	3.0 L DOHC
Wheel size	16 × 6 ¹ / ₂ JJ	16 × 6 ¹ / ₂ JJ ^{*1} , 17 × 7JJ	17 × 7JJ	17 × 7JJ
Tire size	P225/60 R16 97H	P225/60 R16 97H ^{*1} , P225/55 R17 95V		
Type	Tubeless, Steel belted radial			

*1: 2.5 L SOHC model for Canada

I: CAPACITY

Model		2.5 L SOHC		2.5 L DOHC turbo		3.0 L DOHC
		5MT	4AT	5MT	5AT	5AT
Fuel tank		ℓ (US gal, Imp gal)		64 (16.9, 14.1)		
Engine oil	Total capacity (Overhaul)	ℓ (US qt, Imp qt)		5.0 (5.3, 4.4)		7.0 (7.4, 6.2)
	Filling amount of engine oil ℓ (US qt, Imp qt)	When replacing engine oil and oil filter		4.2 (4.4, 3.7)	4.3 (4.5, 3.8)	5.7 (6.0, 5.0)
		When replacing engine oil only		4.0 (4.2, 3.5)		5.5 (5.8, 4.8)
Transmission gear oil		ℓ (US qt, Imp qt)		3.5 (3.7, 3.1)	—	3.5 (3.7, 3.1)
ATF		ℓ (US qt, Imp qt)		—	9.3 (9.8, 8.2)	—
Front differential gear oil		ℓ (US qt, Imp qt)		—	1.2 (1.3, 1.1)	—
Rear differential gear oil		ℓ (US qt, Imp qt)		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)		6.4 (6.8, 5.6)	6.3 (6.7, 5.5)	7.3 (7.7, 6.4)
				7.2 (7.6, 6.3)	7.2 (7.6, 6.3)	7.2 (7.6, 6.3)

J: WEIGHT

1. US MODEL

Model			OUTBACK					
			2.5 L Non-turbo					
			2.5 i BASE		2.5 i		2.5 i LTD LLB	
			5MT	4AT	5MT	4AT	4AT	
Destination code			U5, U6					
OP code			DC		DC		EB	EH
Curb weight (C.W.)	Front	kg (lb)	826 (1,822)	847 (1,867)	826 (1,822)	849 (1,872)	863 (1,902)	863 (1,902)
	Rear	kg (lb)	696 (1,535)	696 (1,535)	700 (1,544)	700 (1,544)	716 (1,579)	716 (1,579)
	Total	kg (lb)	1,522 (3,357)	1,543 (3,402)	1,527 (3,366)	1,549 (3,416)	1,579 (3,481)	1,579 (3,481)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)
Option	Vehicle dynamics control		○	○	○	○	○	○
	Power package		—	—	—	—	○	○
	Side airbag		○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○
	Sunroof		—	—	—	—	○	○
	Navigation system		—	—	—	—	—	○
Dark colored glass		—	—	—	—	○	○	

OUTBACK

SPECIFICATIONS

Model			OUTBACK				
			2.5 L Turbo			3.0 L Non-turbo	
			2.5XT LTD			3.0 R LTD	
			5MT	5AT		5AT	
Destination code			U4				
OP code			EB	EB	EH	EB	EH
Curb weight (C.W.)	Front	kg (lb)	881 (1,942)	912 (2,012)	915 (2,017)	924 (2,037)	926 (2,042)
	Rear	kg (lb)	727 (1,604)	727 (1,604)	727 (1,604)	723 (1,594)	723 (1,594)
	Total	kg (lb)	1,608 (3,546)	1,640 (3,616)	1,642 (3,621)	1,647 (3,631)	1,649 (3,636)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	2,060 (4,545)	2,060 (4,545)	2,060 (4,545)	2,100 (4,635)	2,100 (4,635)
Option	Vehicle dynamics control		○	○	○	○	○
	Power package		○	○	○	○	○
	Side airbag		○	○	○	○	○
	Curtain airbag		○	○	○	○	○
	Sunroof		○	○	○	○	○
	Navigation system		—	—	○	—	○
	Dark colored glass		○	○	○	○	○

2. CANADA MODEL

Model		OUTBACK						
		2.5 L Non-turbo					3.0 L Non-turbo	
		2.5 i BASE		2.5 i		2.5 i Limited	3.0 R LTD	
		5MT	4AT	5MT	4AT	4AT	5AT	
Destination code		C0		C5		C0		
OP code		UC		DB		EB	EH	
Curb weight (C.W.)	Front	kg (lb)	824 (1,817)	845 (1,863)	828 (1,826)	848 (1,870)	861 (1,899)	926 (2,042)
	Rear	kg (lb)	697 (1,537)	697 (1,537)	704 (1,552)	704 (1,552)	716 (1,579)	723 (1,594)
	Total	kg (lb)	1,521 (3,354)	1,542 (3,400)	1,532 (3,378)	1,552 (3,422)	1,577 (3,477)	1,649 (3,636)
Gross axle weight ratio (G.A.W.R.)	Front	kg (lb)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)	1,040 (2,295)
	Rear	kg (lb)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)	1,060 (2,340)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,010 (4,435)	2,100 (4,635)
Option	Vehicle dynamics control		—	—	○	○	○	○
	Power package		—	—	—	—	○	○
	Side airbag		○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○
	Sunroof		—	—	○	○	○	○
	Navigation system		—	—	—	—	—	○
Dark colored glass		—	—	○	○	○	○	