

FOREWORD

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU XT.

The manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and trouble-shooting for guidance of both the fully qualified and the less-experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicles in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustrations and specifications contained in this manual are based on the latest product information available at the time of publication approval.

We reserve the right to make changes at any time without prior notice.

FUJI HEAVY INDUSTRIES LTD.

How to use this manual

This service manual is divided into four volumes. Each volume consists of Section 1, Section 2, 3, Section 4, 5, and Section 6 respectively.



Each chapter, beginning with the Engine section, is basically made up of the following five areas.

1. Mechanism and function
2. Specifications and service data
3. Component parts
4. Service procedure
5. Trouble-shooting

"ABBREVIATION LIST" is provided at the back page of quick reference index in each volume.

"ALPHABETICAL INDEX" is also provided at the last page in each volume.

This service manual applies to SUBARU XT, and explains all equipments including factory options. Therefore, you may find some explanations for equipments not installed on the vehicle.

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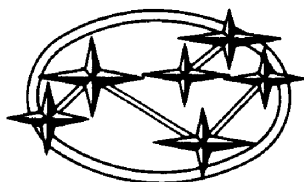
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ABBREVIATION LIST

AAV	Anti-Afterburning Valve	KDLH	Kick-Down Low Hold
ABDC	After Bottom Dead Center	LED	Light Emitting Diode
A/C	Air Conditioner	Led.	Light emitting diode
A/D	Analog/Digital	LH	Left-hand
AI	Air Injection	LSD	Limited Slip Differential
approx.	approximately	L/U	Lock-Up
ASSY	Assembly	MPFI	Multi Point Fuel Injection
ASV	Air Suction Valve	MPS	Motor Power Steering (Electronic-Controlled Motor Drive Power Steering)
AT	Automatic Transmission	MP-T	Multi-Plate-Transfer
ATC	Automatic Temperature Controller	MT	Manual Transmission
ATDC	After Top Dead Center	O.D	Outside Diameter or Overdrive
ATF	Automatic Transmission Fluid	OHC	Over-Head Camshaft
Batt.	Battery	O/P	Oil Pump
BBDC	Before Bottom Dead Center	OP.	Option
BDC	Bottom Dead Center	OS	Oversize
BJ	Bell Joint	OVR/C	Overrunning Clutch
BTDC	Before Top Dead Center	O.W.C.	One-Way Clutch
Cal	California	pcs.	pieces
Coolant temp.	Coolant temperature	PCV	Positive Crankcase Ventilation
CP	Complete	Pd	Palladium
CPU	Central Processing Unit	P.H.V	Pressure Hold Valve
CTR	Center	P.M	Primary Main
C/U	Control Unit	Power TR	Power Transistor
CVJ	Constant Velocity Joint	Press. SW	Pressure Switch
DOJ	Double Offset Joint	P.S	Primary Slow
D/R	Dual-range	PTC heater	Positive Temperature Coefficient heater
D.S.V.	Duty Solenoid Valve	Pt	Platinum
ECC	Electronically Controlled Carburetor	REG	Regulation
ECM	Electronic Control Module	Rev.	Reverse
ECS	Electric Control System	Rh	Rhodium
E/G	Engine	RH	Right-hand
EGR	Exhaust Gas Recirculation	SAC	Sub Advance Control
Ex. port	Exhaust port	SAE	Society of Automotive Engineers
FCV	Float Chamber Ventilation	SMAB	Secondary Main Air Bleed
FF	Front drive Front engine	S.M	Secondary Main
FICD	Fast Idle Control Device	sol.	solenoid
F/L	Fusible Link	S/R	Single-range
F/P	Fuel Pump	STD	Standard
FWD	Front Wheel Drive (= 2WD)	St.	Starter
gear UN	gear Unit	ST SW	Starter Switch
GND	Ground	TCU	Transmission Control Unit
H/A	High Altitude	TDC	Top Dead Center
HLA	Hydraulic Lash Adjuster	Temp. valve	Temperature valve
IAS	Idle Adjusting Screw	TRF/C	Transfer Clutch
I.D.	Inside Diameter	UIL (SIL)	Up Shift Indicator Light
I/D	Idle	US	Undersize
IG	Ignition	VLC	Vacuum Line Control
IG ON	Ignition ON	WOT	Wide Open Throttle
IG SW	Ignition Switch		
I/O	Input/Output		
KD	Kick-Down		