

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

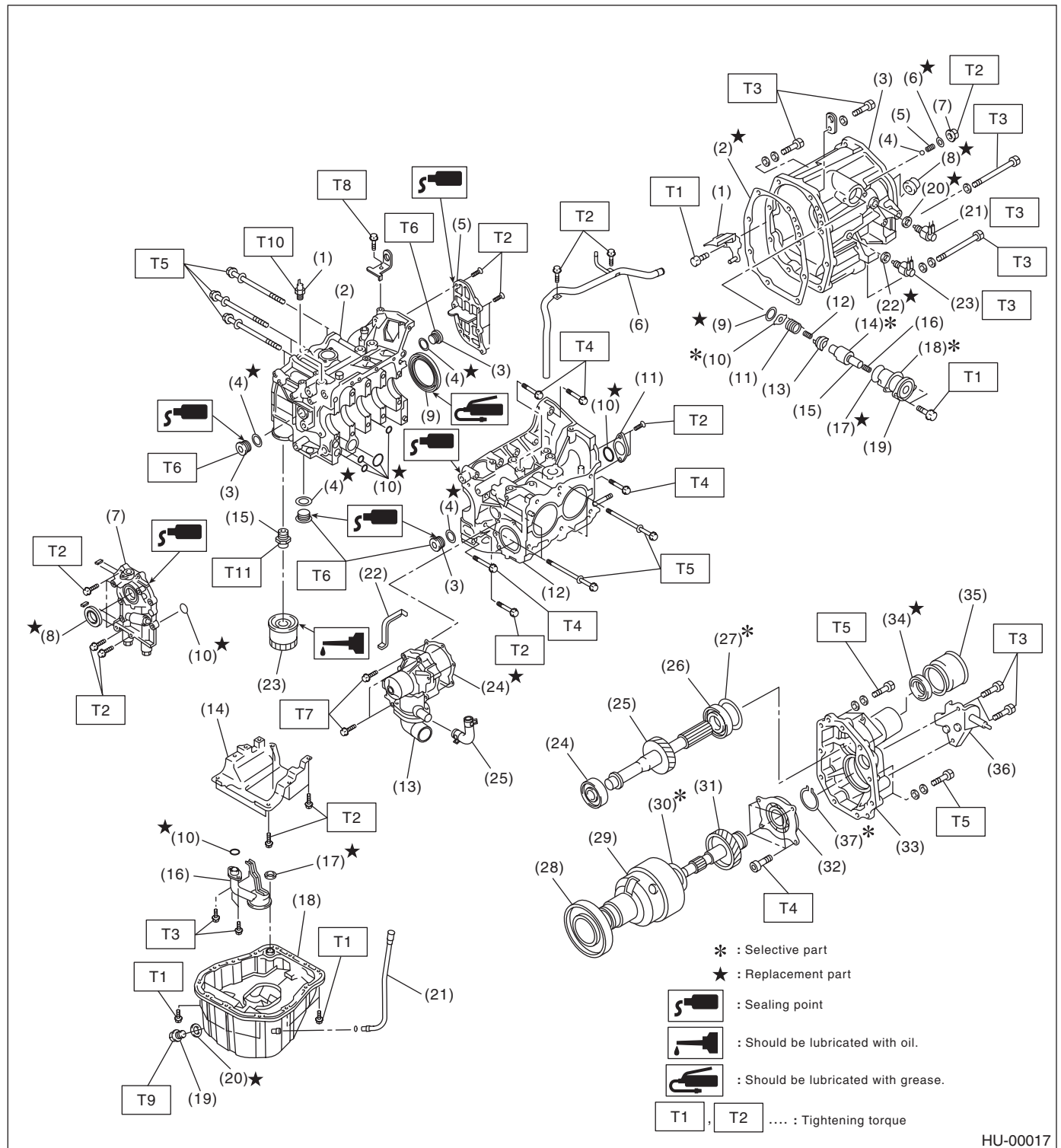
The first page has an index with tabs.

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. DEFINITIONS OF “NOTE”, “CAUTION” AND “WARNING”

- **NOTE:**

Describes additional information to make works easier.

- **CAUTION:**

Describes prohibited matters to prevent vehicle or parts damage, or matters that requires special attention during work.

- **WARNING:**

Describes matters that may cause serious damage to the operator or other person, or that may cause damage or accident.

5. SPECIFICATION

If necessary, specifications are also included.

6. INSPECTION

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

7. 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 (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)

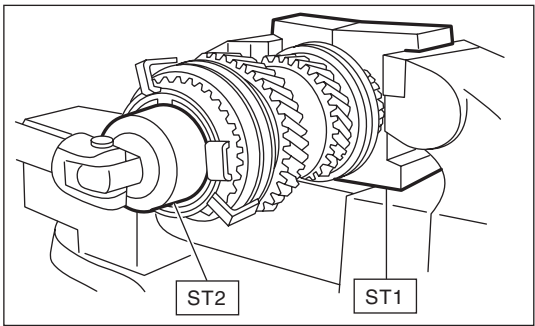
Secure the lock nuts in two places after tightening.

ST1 498937000 TRANSMISSION HOLDER

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

Tightening torque:

118 N·m (12.0 kgf-m, 86.8 ft-lb) (G)



HU-00020

- (A) Component
(B) Process
(C) Reference

- (D) Cautions
(E) Tool number of special tool
(F) Name of special tool

- (G) Tightening torque
(H) Illustration

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8. DIAGNOSIS

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

9. 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 ().

10.EXPLANATION OF TERMINOLOGY

AAI	: Air Assist Injection	HI	: High
A/B	: Airbag	HID	: High Intensity Discharge
ABS	: Anti-lock Brake System	H/L	: Headlight
A/C	: Air Conditioner	H/U	: Hydraulic Unit
ACC	: Accessory	I/F	: Interface
A/F	: Air Fuel Ratio	I/O	: Input/Output
ALT	: Generator	IG	: Ignition
ASSY	: Assembly	INT	: Intermittent
AT	: Automatic Transmission	ISC	: Idle Speed Control
ATF	: Automatic Transmission Fluid	LCD	: Liquid Crystal Display
AUX	: Auxiliary	LH	: LH (Left Hand)
AUX	: Auxiliary Storage Unit (External storage)	LSD	: Limited Slip Differential
AWD	: All Wheel Drive	M/B	: Main Fuse & Relay Box
BATT	: Battery	MFI	: Multi-Point Fuel Injection
CAN	: Controller Area Network	MT	: Manual Transmission
CCA	: Cold Cranking Ampere	NA	: Natural Aspiration
CD	: Compact Disc	OP	: Option Parts
CPU	: Central Processing Unit	P/W	: Power Window
CM	: Control Module	PCV	: Positive Crankcase Ventilation
DOHC	: Double Overhead Camshaft	PTJ	: Pillow Tripod Joint
DOJ	: Double Offset Joint	RH	: RH (Right Hand)
DTC	: Diagnostic Trouble Code	ROM	: Read Only Memory
DU	: Drive Unit	Rr	: Rear
DVD	: Digital Versatile Disc	SOHC	: Single Overhead Camshaft
EBJ	: High-Efficiency Compact Ball Fixed Joint	SRS	: Supplemental Restraint System
ECM	: Engine Control Module	SSM	: Subaru Select Monitor
EDJ	: High-Efficiency Compact Double Offset Joint	ST	: Special Tool
EGR	: Exhaust Gas Recirculation	SW	: Switch
EX	: Exhaust	TCS	: Traction Control System
F/B	: Fuse & Joint Box	TCM	: Transmission Control Module
Ft	: Front	TPMS	: Tire Pressure Monitoring System
FWD	: Front Wheel Drive	VDC	: Vehicle Dynamics Control
GPS	: Global Positioning System	VTD	: Variable Torque Distribution

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SPECIFICATIONS

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