

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.

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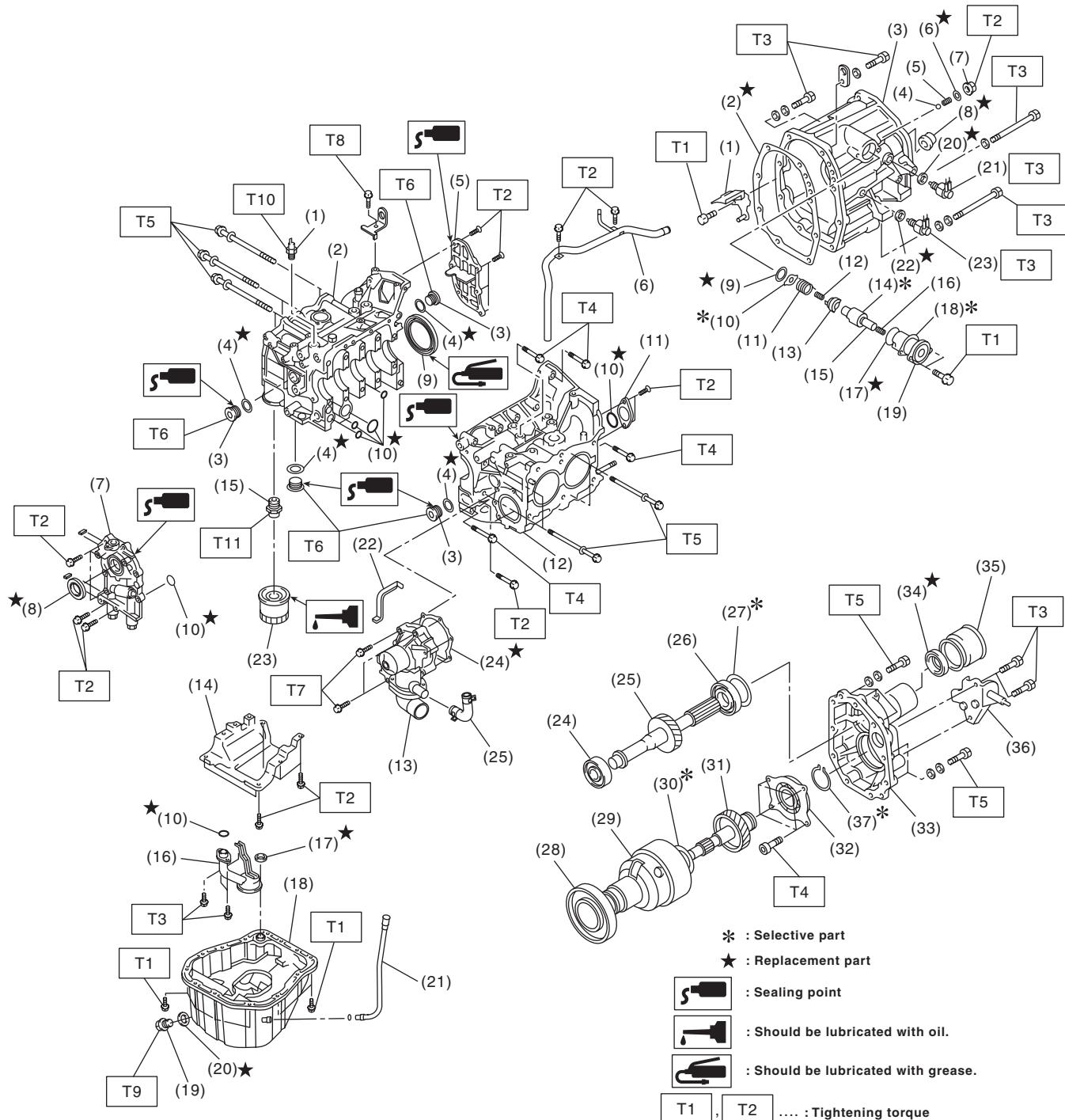
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3. COMPONENT

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: REMOVAL

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

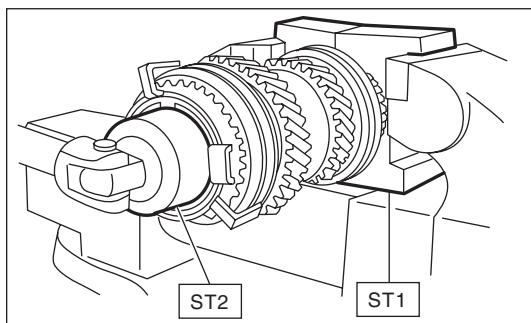
- 11) Tighten the lock nuts to the specified torque using ST1 and ST2.

NOTE:
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

(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, m ℓ or cm ³	ℓ or cc	1 cc = 1 cm ³ = 1 m ℓ
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

2ndr	: Secondary	IG	: Ignition
AAI	: Air Assist Injection	INT	: Intermittent
AAR	: Angular Adjusted Roller	ISC	: Idle Speed Control
A/B	: Airbag	LH	: LH (Left Hand)
ABS	: Anti-lock Brake System	LSD	: Limited Slip Differential
A/C	: Air conditioner	M/B	: Main Fuse & Relay Box
AC	: Angular Contact	MD	: Mini Disc
A/F	: Air Fuel Ratio	MFI	: Multi Point Injection
ALT	: Generator	MP-T	: Multi-Plate Transfer
ASSY	: Assembly	MT	: Manual Transmission
AT	: Automatic Transmission	NA	: Natural Aspiration
ATF	: Automatic Transmission Fluid	NC	: Normal Close (Relay)
AUX	: Auxiliary	NO	: Normal Open (Relay)
AUX	: Auxiliary Storage Unit	OP	: Option Parts
AWD	: All Wheel Drive	P/S	: Power Steering
BATT	: Battery	P/W	: Power Window
BJ	: Bell Joint	PCD	: Pitch Circle Diameter
CD-R/RW	: CD Recordable/Rewritable	PCV	: Positive Crankcase Ventilation
CPU	: Central Processing Unit	Pr	: Primary
DOHC	: Double Overhead Camshaft	PTJ	: Pillow Tripod Joint
DOJ	: Double Offset Joint	RH	: RH (Right Hand)
DTC	: Diagnostic code	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 Ball Fixed Joint	ST	: Special Tool
EGR	: Exhaust Gas Recirculation	SW	: Switch
ELR	: Emergency Locking Retractor	TCS	: Traction Control System
EX	: Exhaust	TGV	: Tumble Generator Valve
F/B	: Fuse & Joint Box	TPMS	: Tire Pressure Monitoring System
FL	: Fusible Link	T/M	: Transmission
Ft	: Full-time AWD	VDC	: Vehicle Dynamics Control
FWD	: Front Wheel Drive	ViS-C	: Viscous Coupling
GPS	: Global Positioning System	VSV	: Vacuum Switching Valve
H/U	: Hydraulic Unit	VTD	: Variable Torque Distribution
I/O	: Input/output	W/H	: Wiring harness

SPECIFICATIONS

SPC

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