

How to Use This Manual

HOW TO USE THIS MANUALS

1. How to Use This Manual

A: HOW TO USE THIS MANUAL

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.

How to Use This Manual

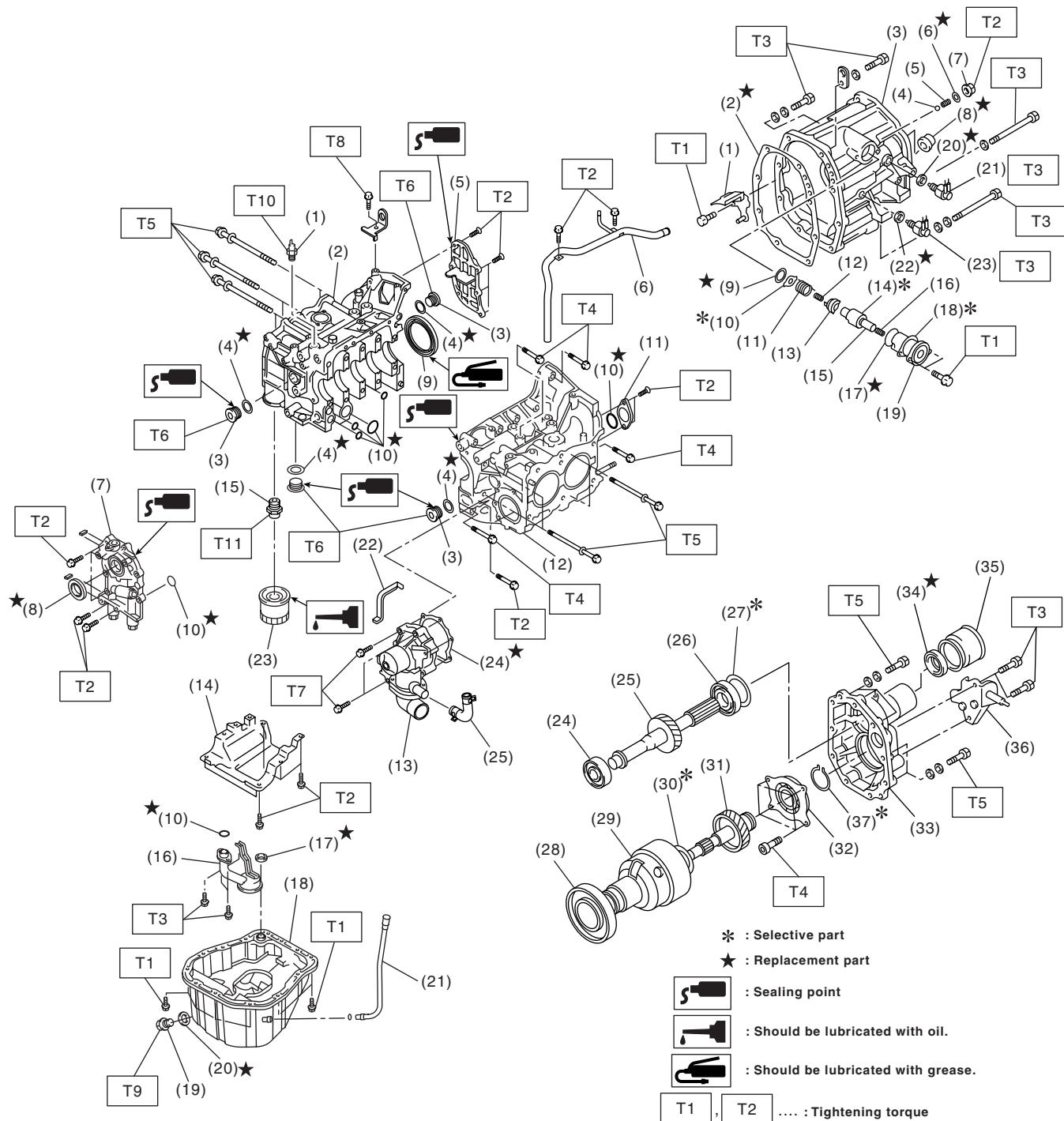
HOW TO USE THIS MANUALS

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

How to Use This Manual

HOW TO USE THIS MANUALS

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. >

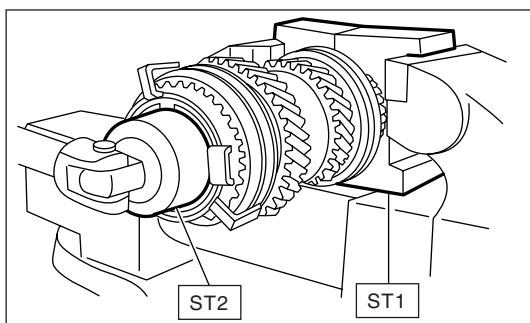
- 11) Tighten the lock nuts to the specified torque using ST1 and ST2.

NOTE: Secure the lock nuts in two Places after tightening.

ST1 499837000 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 ().

How to Use This Manual

HOW TO USE THIS MANUALS

9. EXPLANATION OF TERMINOLOGY

• List

AAI	: Air Assist Injection	MD	: Mini Disc
A/B	: Airbag	MPI	: Multi Point Injection
ABS	: Anti-lock Brake System	MP-T	: Multi-Plate Transfer
A/C	: Air Conditioner	MT	: Manual Transmission
A/F	: Air Fuel Ratio	NA	: Natural Aspiration
ALT	: Generator	NC	: Normal Close (Relay)
ASSY	: Assembly	NO	: Normal Open (Relay)
AT	: Automatic Transmission	OP	: Option Parts
ATF	: Automatic Transmission Fluid	P/S	: Power Steering
BATT	: Battery	P/W	: Power Window
CD-R/RW	: CD Recordable/Rewritable	PCD	: Pitch Circle Diameter
CPU	: Central Processing Unit	PCV	: Positive Crankcase Ventilation
DOHC	: Double Overhead Camshaft	RH	: RH (Right Hand)
DVD	: Digital Versatile Disc	Rr	: Rear
ECM	: Engine Control Module (ECM)	SOHC	: Single Overhead Camshaft
EGR	: Exhaust Gas Recirculation	SRS	: Supplemental Restraint System
ELR	: Emergency Locking Retractor	SSM	:
EX	: Exhaust	ST	: Special Tool
F/B	: Fuse & Joint Box	SW	: Switch
FL	: Fusible Link	TCS	: Traction Control System
Ft	: Full-time AWD	TGV	: Tumble Generator Valve
FWD	: Front Wheel Drive	T/M	: Transmission
GPS	: Global Positioning System	ViS-C	: Viscous Coupling
H/U	: Hydraulic Unit	VSV	: Vacuum Switching Valve
IG	: Ignition	VTD	: Variable Torque Distribution
INT	: Intermittent	W/H	: Wiring Harness
ISC	: Idle Speed Control	Pr	: Primary
LH	: LH (Left Hand)	2ndr	: Secondary
LSD	: Limited Slip Differential		
M/B	: Main Fuse & Relay Box		