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# HOW TO USE THIS MANUAL

### **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.

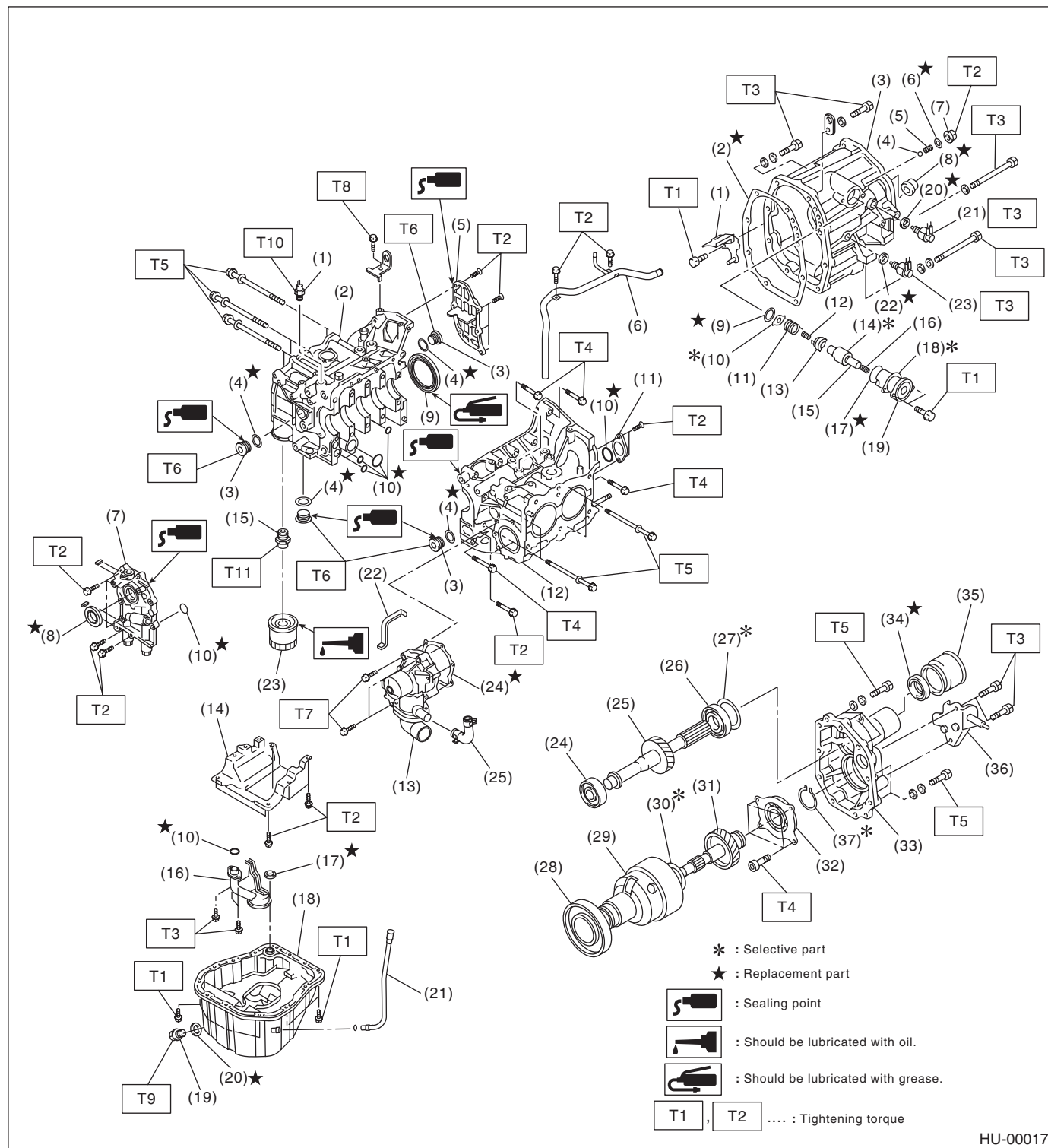
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### 3. COMPONENT

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 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)

### A: REMOVAL ← (B)

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

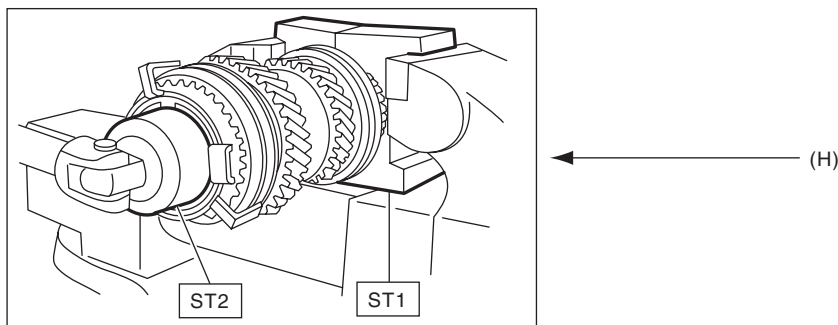
11) Tighten the lock nuts to the specified torque using ST1 and ST2.

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

ST1 498937000 TRANSMISSION HOLDER

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

**Tightening torque:** ← (G)  
**118 N·m (12.0 kgf-m, 86.8 ft-lb)**



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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## 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)*

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## HOW TO USE THIS MANUALS

### 9. EXPLANATION OF TERMINOLOGY

#### • List

2ndr	: Secondary	INT	: Intermittent
AAI	: Air Assist Injection	I/O	: Input / Output
AAR	: Angular Adjusted Roller	ISC	: Idle Speed Control
A/B	: Airbag	LED	: Light Emitting Diode
ABS	: Anti-lock Brake System	LH	: LH (Left Hand)
A/C	: Air Conditioner	LSD	: Limited Slip Differential
AC	: Angular Contact	M/B	: Main Fuse & Relay Box
ACC	: Accessory	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)
AVCS	: Active Valve Control System	NO	: Normal Open (Relay)
AWD	: All Wheel Drive	OP	: Option Parts
BATT	: Battery	OBD	: On-Board Diagnosis
BJ	: Bell Joint	P/S	: Power Steering
CAN	: Controller Area Network	P/W	: Power Window
CD-R/RW	: CD Recordable/Rewritable	PCD	: Pitch Circle Diameter
COMPL	: Complete	PCV	: Positive Crankcase Ventilation
CPU	: Central Processing Unit	PID	: Parameter Identification
DCCD	: Driver's Control Center Differential	Pr	: Primary
DOHC	: Double Overhead Camshaft	PTJ	: Pillow Tripod Joint
DTC	: Diagnosis Trouble Code	RAM	: Random Access Memory
DOJ	: Double Offset Joint	RH	: RH (Right Hand)
DVD	: Digital Versatile Disc or Digital Video Disc	ROM	: Read Only Memory
EBD	: Electric Brake Distribution	rpm	: Revolution Per Minute
EBJ	: High-Efficiency Compact Ball Fixed Joint	SOHC	: Single Overhead Camshaft
EDJ	: High-Efficiency Compact Double Offset Joint	SRS	: Supplemental Restraint System
ECM	: Engine Control Module	SSM	: Subaru Select Monitor
EGI	: Electronic Gasoline Injection	ST	: Special Tool
E/G	: Engine	STD	: Standard
EGR	: Exhaust Gas Recirculation	SW	: Switch
ELR	: Emergency Locking Retractor	T/B	: Turbo charger
EX	: Exhaust	TGV	: Tumble Generator Valve
ETC	: Electric Throttle Control	T/M	: Transmission
F/B	: Fuse & Joint Box	UV	: Ultraviolet
FL	: Fusible Link	VDC	: Vehicle Dynamics Control
FWD	: Front Wheel Drive	V.I.N.	: Vehicle Identification Number
GPS	: Global Positioning System	ViS-C	: Viscous Coupling
HID	: High-Intensity Discharge	VSV	: Vacuum Switching Valve
H/U	: Hydraulic Unit	VTD	: Variable Torque Distribution
IG	: Ignition	W/H	: Wiring Harness
IN	: Intake		