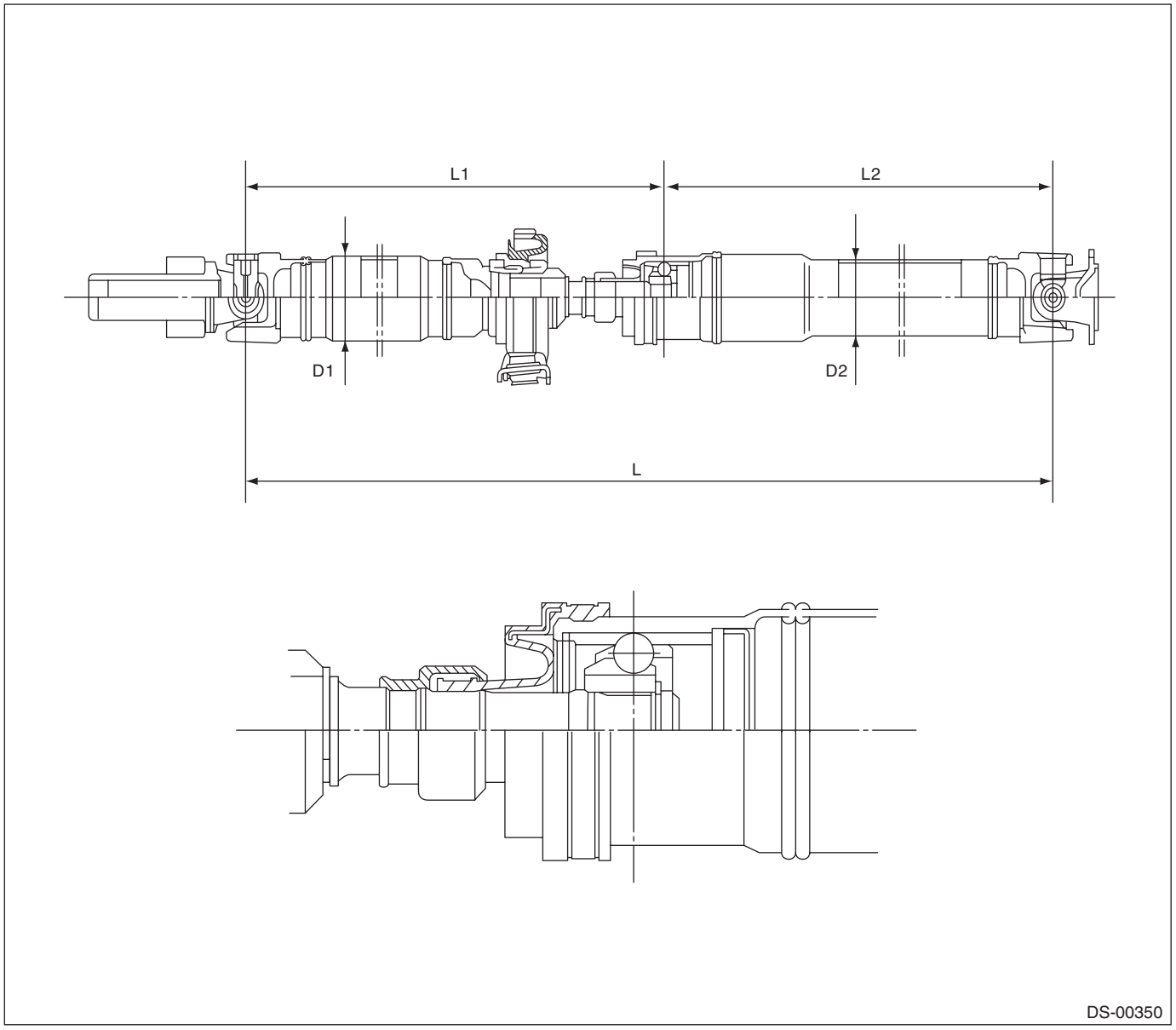
1. General Description

A: SPECIFICATION

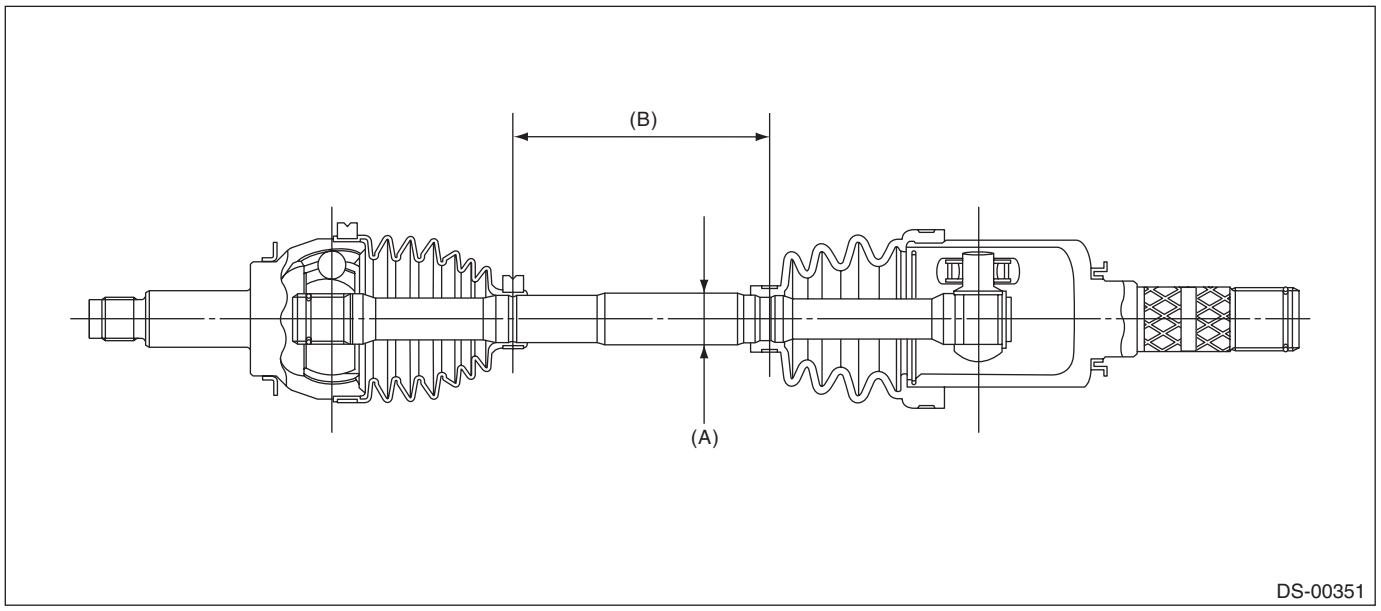
1. PROPELLER SHAFT

Propeller shaft type			EDJ
Propeller shaft length: L		mm (in)	1,399 (55.08)
Front propeller shaft Joint-to-joint length: L_1		mm (in)	645 (25.39)
Rear propeller shaft Joint-to-Joint length: L_2		mm (in)	754 (29.69)
Outer diameter of tube:	mm (in)	D_1	63.5 (2.50)
		D_2	57.5 (2.26)



2. FRONT DRIVE SHAFT ASSEMBLY

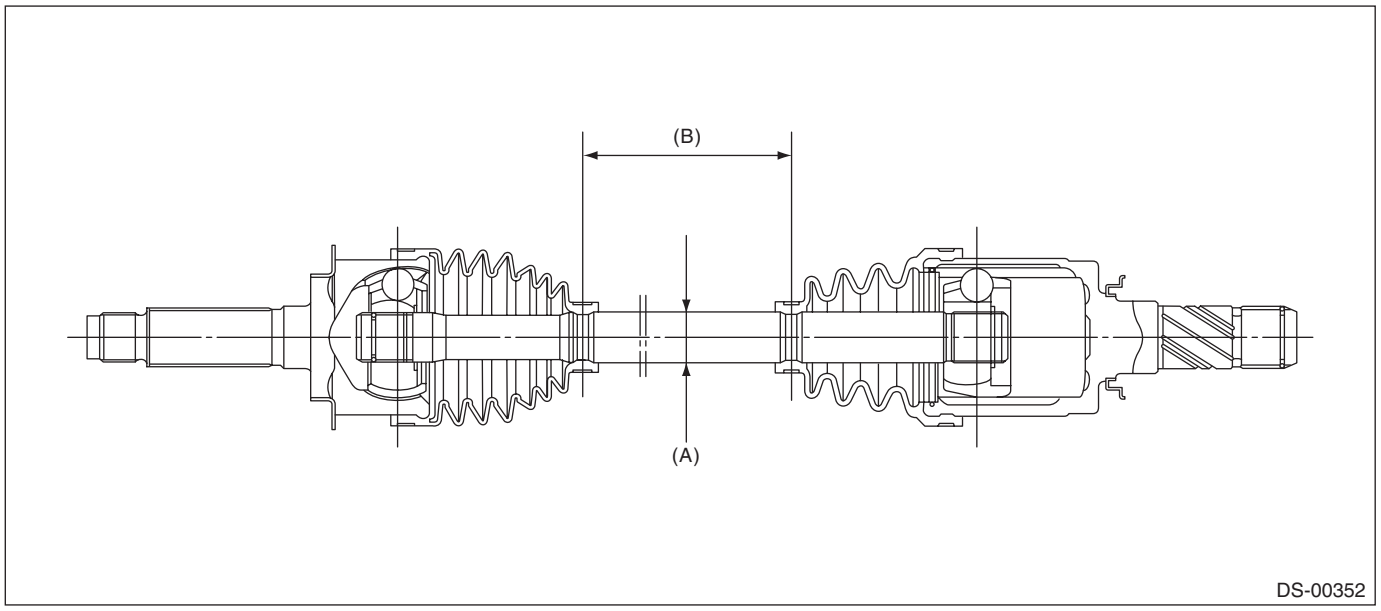
Type of drive shaft	Axle diameterϕ D mm (in)	Axle length L mm (in)
EBJ + PTJ	26 (1.0)	388.5 (15.30)



(A) Axle diameter (B) Axle length

3. REAR DRIVE SHAFT ASSEMBLY

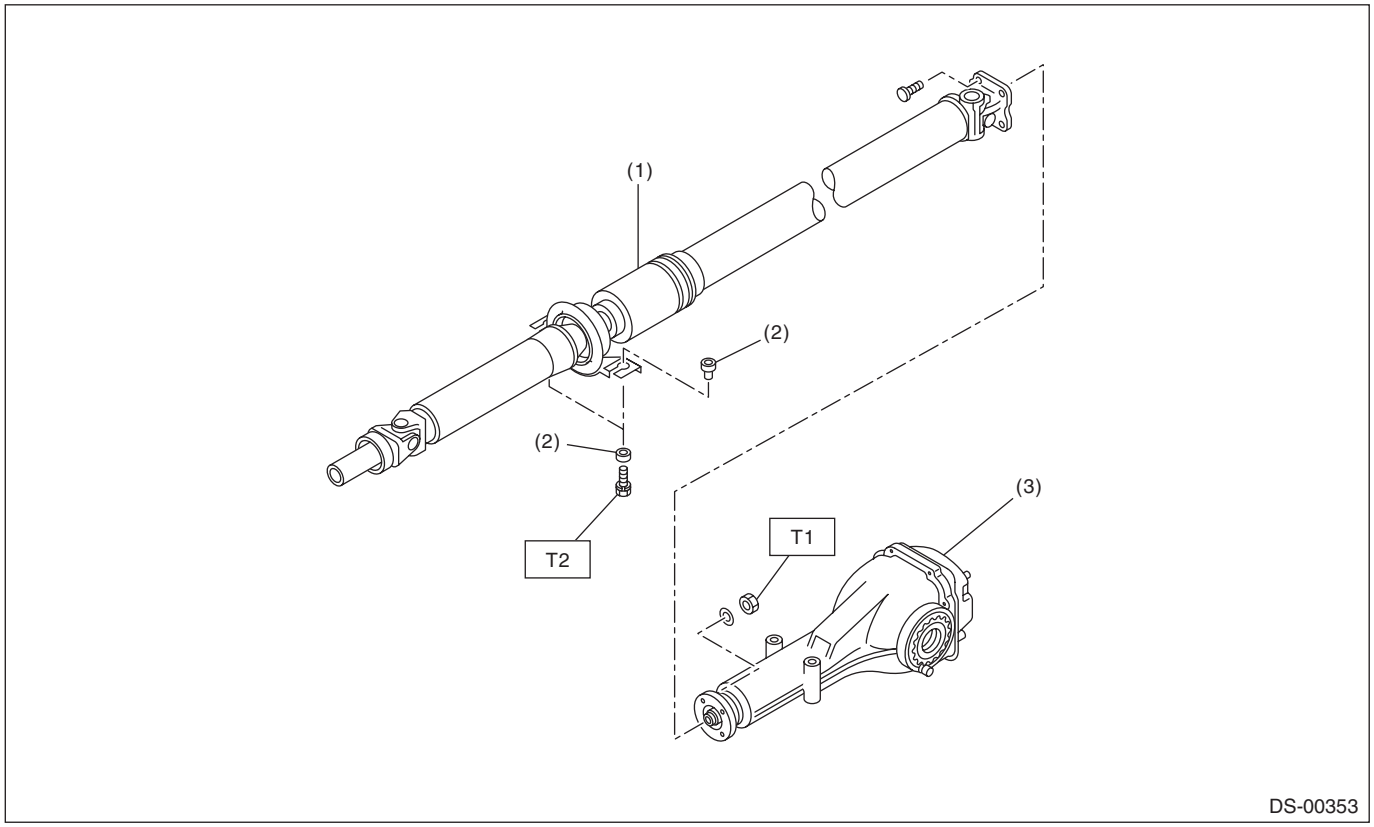
Type of drive shaft	Axle diameterϕ D mm (in)	Axle length L mm (in)
EBJ + DOJ	24 (0.94)	386.8 (15.23)



(A) Axle diameter (B) Axle length

B: COMPONENT

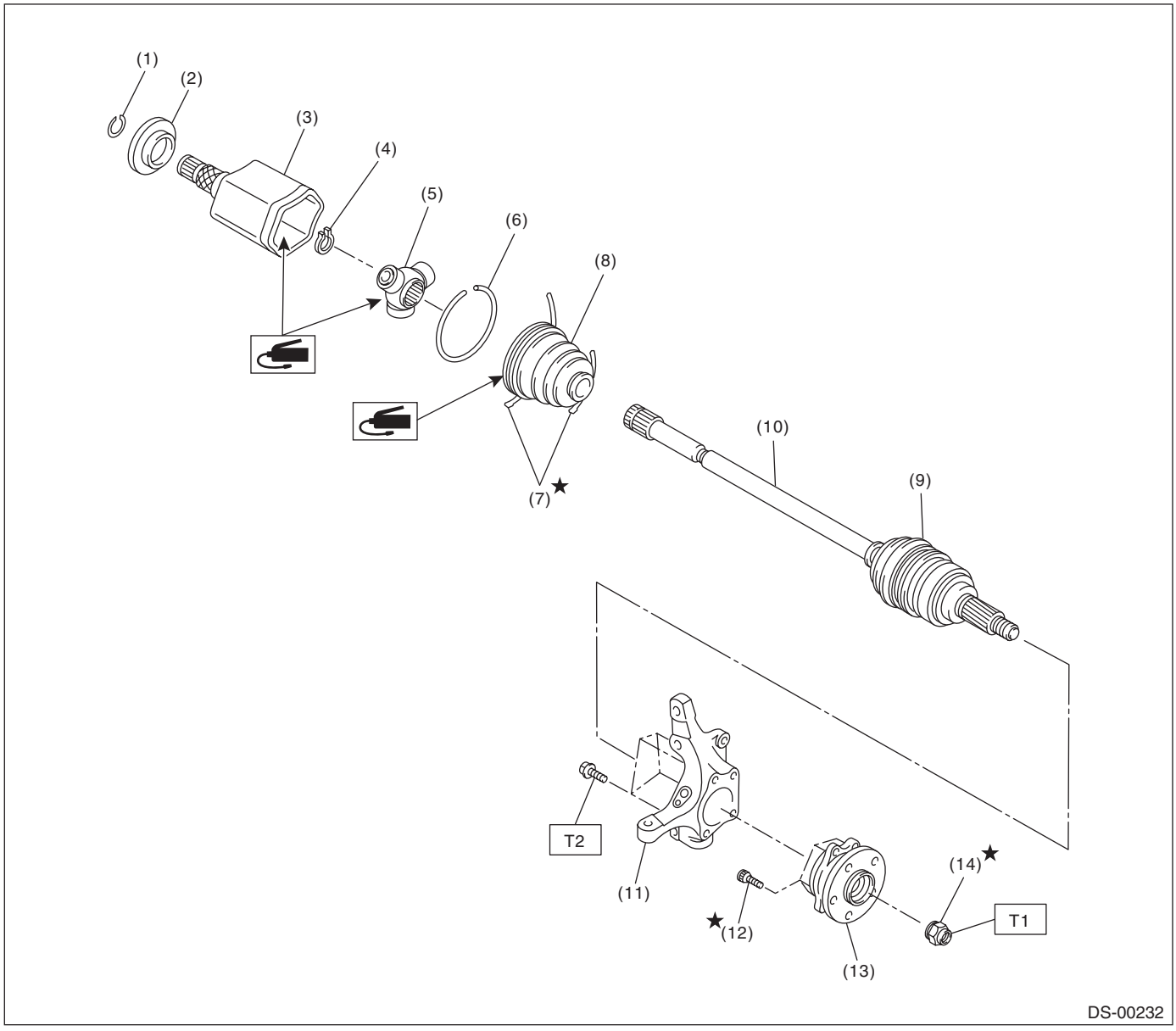
1. PROPELLER SHAFT



(1) Propeller shaft
(2) Bushing
(3) Rear differential (VA2-type)

Tightening torque:N·m (kgf-m, ft-lb)
T1: 31 (3.2, 23.1)
T2: 52 (5.3, 38.3)

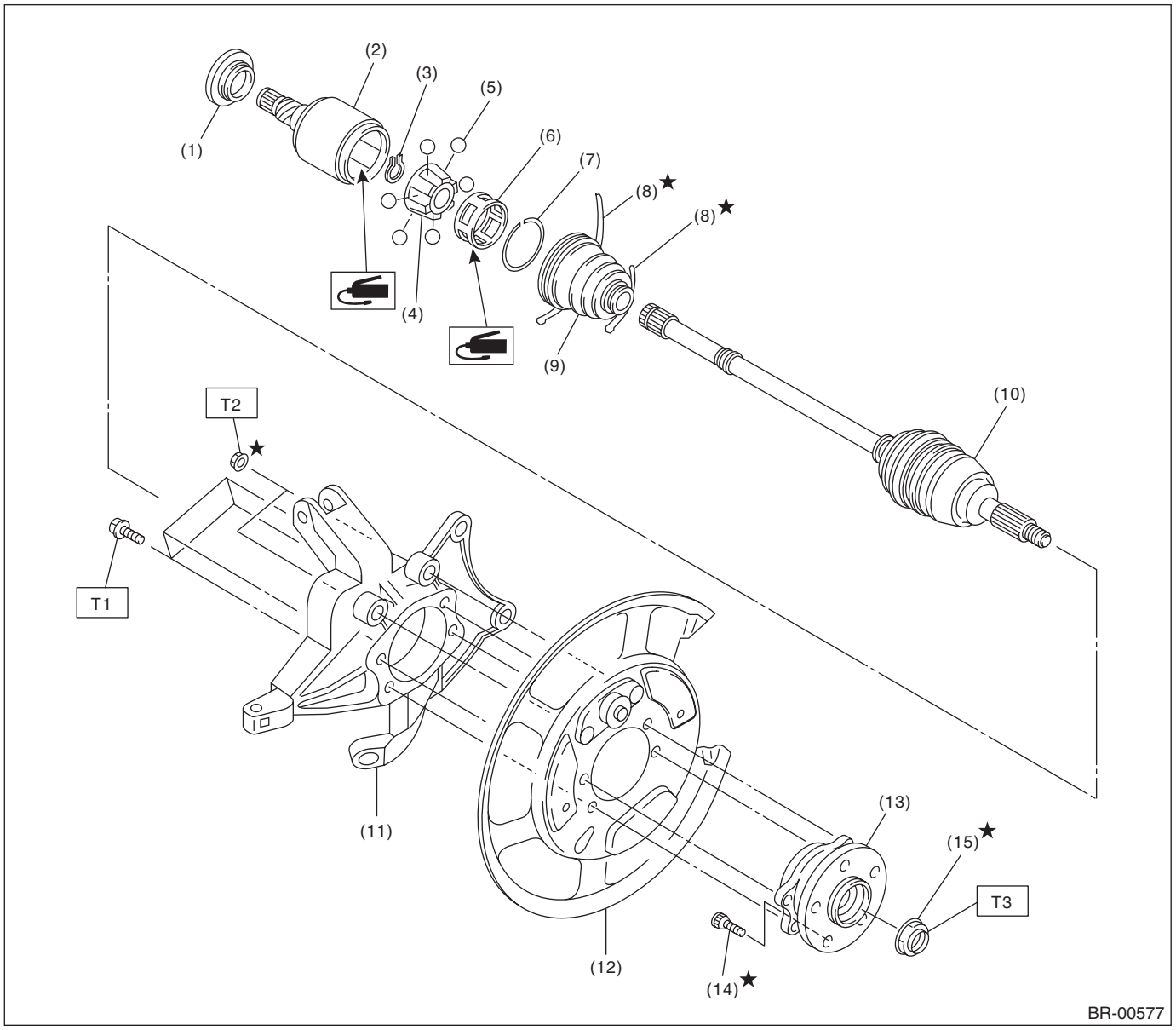
2. FRONT AXLE



(1) Circlip
(2) Baffle plate
(3) Outer race (PTJ)
(4) Snap ring
(5) Trunnion
(6) Snap ring
(7) Boot band
(8) Boot (PTJ)
(9) Boot (EBJ)
(10) EBJ shaft ASSY
(11) Front housing
(12) Hub bolt
(13) Front hub unit bearing
(14) Axle nut

Tightening torque:N·m (kgf-m, ft-lb)
T1: 240 (24.5, 177)
T2: 65 (6.6, 47.9)

3. REAR AXLE



(1) Baffle plate (DOJ)
(2) Outer race (DOJ)
(3) Snap ring
(4) Inner race
(5) Ball
(6) Cage
(7) Snap ring
(8) Boot band
(9) Boot (DOJ)
(10) EBJ shaft ASSY
(11) Rear housing
(12) Back plate
(13) Rear hub unit bearing
(14) Hub bolt
(15) Axle nut (olive color)

Tightening torque:N·m (kgf-m, ft-lb)
T1: 65 (6.6, 47.9)
T2: 75 (7.6, 55.3)
T3: 240 (24.5, 177)

C: CAUTION

Please clearly understand and adhere to the following general precautions. They must be strictly followed to avoid any injury to the person doing the work or people in the area.

1. OPERATION

• Wear appropriate work clothing, including a cap, protective goggles and protective shoes when performing any work.
• Remove contamination including dirt and corrosion before removal, installation or disassembly.
• Keep the disassembled parts in order and protect them from dust and dirt.
• Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly and replacement.
• Vehicle components are extremely hot after driving. Be wary of receiving burns from heated parts.
• Use SUBARU genuine grease etc. or equivalent. Do not mix grease etc. of different grades or manufacturers.
• Be sure to tighten fasteners including bolts and nuts to the specified torque.
• Place shop jacks or rigid racks at the specified points.
• Apply grease onto sliding or revolving surfaces before installation.
• Before installing snap rings, apply sufficient amount of grease to avoid damage and deformation.
• Before securing a part on a vise, place cushioning material such as wood blocks, aluminum plate, or shop cloth between the part and the vise.

2. OIL

When handling oil, follow the rules below to prevent unexpected accidents.
• Prepare container and waste cloths when performing work which oil could possibly spill. If oil spills, wipe it off immediately to prevent from penetrating into floor or flowing outside, for environmental protection.
• Follow all government and local regulations concerning waste disposal.

D: PREPARATION TOOL

1. SPECIAL TOOL

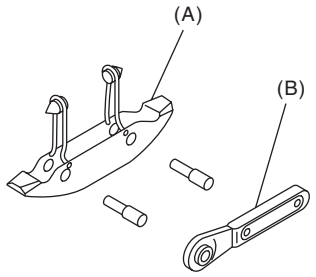
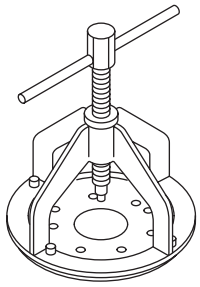
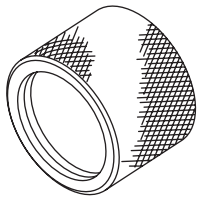
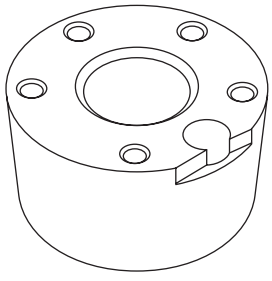
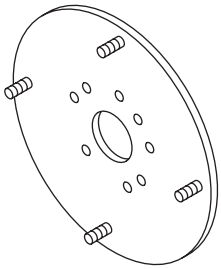
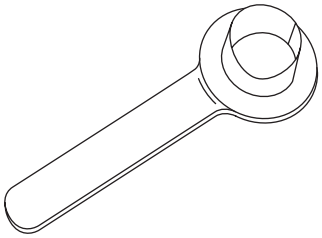
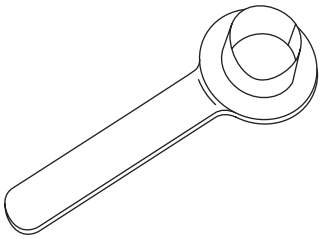
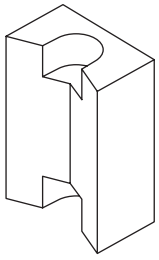
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST-925091000	925091000	BAND TIGHTENING TOOL	Used for tightening the boot band. (A) Jig for the band (B) Ratchet wrench
 ST-926470000	926470000	AXLE SHAFT PULLER	Used for removing the axle shaft.
 ST18675AA000	18675AA000	DIFFERENTIAL SIDE OIL SEAL INSTALLER	Used for installing the differential side retainer oil seal.
 ST28099PA080	28099PA080	HUB STAND	Used for assembling hub bolt in hub.

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST28099PA110	28099PA110	AXLE SHAFT PULLER PLATE	Same as plate 2 included in AXLE SHAFT PULLER (926470000).
 ST28099PA090	28099PA090	OIL SEAL PROTECTOR	• Used for installing the rear drive shaft to the rear differential. • For protecting the oil seal.
 ST28399SA010	28399SA010	OIL SEAL PROTECTOR	• Used for installing front drive shaft into front differential. • For protecting the oil seal.
 ST28399AG000	28399AG000 (Newly adopted tool)	HUB STAND	Used for extracting hub bolt.

2. GENERAL TOOL

DESCRIPTION	REMARKS
Puller	Used for removing the ball joint from knuckle arm.
Dial gauge	Used for inspecting the propeller shaft run-out.
Extension cap	Used for preventing leakage of gear oil or ATF.
Bar	Used for extracting drive shaft.