

**CHASSIS SECTION**

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

<b>FRONT SUSPENSION</b>	<b>FS</b>
<b>REAR SUSPENSION</b>	<b>RS</b>
<b>WHEEL AND TIRE SYSTEM</b>	<b>WT</b>
<b>DIFFERENTIALS</b>	<b>DI</b>
<b>TRANSFER CASE</b>	<b>TC</b>
<b>DRIVE SHAFT SYSTEM</b>	<b>DS</b>
<b>ABS</b>	<b>ABS</b>
<b>ABS (DIAGNOSTICS)</b>	<b>ABS(diag)</b>
<b>VEHICLE DYNAMICS CONTROL (VDC)</b>	<b>VDC</b>
<b>VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)</b>	<b>VDC(diag)</b>
<b>BRAKE</b>	<b>BR</b>
<b>PARKING BRAKE</b>	<b>PB</b>
<b>POWER ASSISTED SYSTEM (POWER STEERING)</b>	<b>PS</b>

# TRANSFER CASE

# TC

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## 1. General Description

### A: NOTE

For general description, refer to "4AT", "5AT" or "5MT" section.

4AT model:

<Ref. to 4AT-2, General Description.>

5AT model:

<Ref. to 5AT-2, General Description.>

5MT model:

<Ref. to 5MT-2, General Description.>

## 2. Transfer Case and Extension Case Assembly

### A: NOTE

For removal, installation and inspection, refer to "5MT" section. <Ref. to 5MT-44, Transfer Case and Extension Case Assembly.>

## 3. Transfer Clutch

### A: NOTE

For removal, installation and inspection, refer to "4AT" or "5AT" section.

4AT model:

<Ref. to 4AT-86, Transfer Clutch.>

5AT model:

<Ref. to 5AT-74, Transfer Clutch.>

## 4. Extension Case

### A: NOTE

For removal, installation and inspection, refer to "4AT" section. <Ref. to 4AT-82, Extension Case.>

### **5. Extension Case and Intermediate Case**

#### **A: NOTE**

For removal, installation and inspection, refer to "5AT" section. <Ref. to 5AT-72, Extension Case & Intermediate Case.>

## 6. Oil Seal

### A: NOTE

For replacement and inspection, refer to “4AT”, “5AT” or “5MT” section.

4AT model:

<Ref. to 4AT-50, Extension Case Oil Seal.> <Ref. to 4AT-51, Differential Side Retainer Oil Seal.>

5AT model:

<Ref. to 5AT-49, Extension Case Oil Seal.> <Ref. to 5AT-50, Differential Side Retainer Oil Seal.>

5MT model:

<Ref. to 5MT-39, Oil Seal.> <Ref. to 5MT-40, Differential Side Retainer Oil Seal.>



## 7. Transfer Drive Gear

### A: NOTE

For removal, installation and inspection, refer to "5MT" section. <Ref. to 5MT-48, Transfer Drive Gear.>

## 8. Transfer Driven Gear

### A: NOTE

For removal, installation and inspection, refer to "5MT" section. <Ref. to 5MT-50, Transfer Driven Gear.>

### 9. Reduction Drive Gear

#### A: NOTE

For removal, installation and inspection, refer to "4AT" section. <Ref. to 4AT-96, Reduction Drive Gear.>

## 10.Center Differential Carrier

### A: NOTE

For removal, installation and inspection, refer to "4AT" or "5AT" section.

4AT model:

<Ref. to 4AT-98, Center Differential Carrier.>

5AT model:

<Ref. to 5AT-80, Center Differential Carrier.>

### 11.Reduction Driven Gear

#### **A: NOTE**

For removal, installation and inspection, refer to "4AT" or "5AT" section.

4AT model:

<Ref. to 4AT-94, Reduction Driven Gear.>

5AT model:

<Ref. to 5AT-78, Reduction Driven Gear.>

## 12.Center Differential

### A: NOTE

For removal, installation and inspection, refer to "5MT" section. <Ref. to 5MT-52, Center Differential.>

## 13. Transfer Clutch Pressure Test

### A: NOTE

For inspection, refer to "4AT" or "5AT" section.

4AT model:

<Ref. to 4AT-39, Transfer Clutch Pressure Test.>

5AT model:

<Ref. to 5AT-36, Transfer Clutch Pressure Test.>