

**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>DIFFERENTIAL</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 (DIAGNOSTIC)</b>	<b>ABS</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

---

	<b>Page</b>
1. General Description .....	2
2. Transfer Case and Extension (5MT) .....	3
3. Transfer Clutch and Extension (4AT) .....	4
4. Oil Seal .....	5
5. Transfer Drive Gear (5MT) .....	6
6. Transfer Driven Gear (5MT) .....	7
7. Reduction Drive Gear (4AT without VTD) .....	8
8. Reduction Driven Gear (4AT without VTD) .....	9
9. Center Differential .....	10
10. Transfer Clutch Pressure Test .....	11
11. Transfer Duty Solenoid and Valve Body .....	12

## 1. General Description

### A: NOTE

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

AT model:

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

MT model:

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

## 2. Transfer Case and Extension (5MT)

### A: NOTE

For removal, installation and inspection work, refer to "5MT" section. <Ref. to 5MT-50, Transfer Case and Extension Case Assembly.>

### **3. Transfer Clutch and Extension (4AT)**

#### **A: NOTE**

For removal, installation and inspection work, refer to "4AT" section. <Ref. to 4AT-92, Transfer Clutch.>

## 4. Oil Seal

### A: NOTE

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

AT model:

<Ref. to 4AT-49, Extension Case Oil Seal.>

MT model:

<Ref. to 5MT-41, Oil Seal.>

### **5. Transfer Drive Gear (5MT)**

#### **A: NOTE**

For removal, installation and inspection work, refer to "5MT" section. <Ref. to 5MT-54, Transfer Drive Gear.>

## 6. Transfer Driven Gear (5MT)

### A: NOTE

For removal, installation and inspection work, refer to "5MT" section. <Ref. to 5MT-56, Transfer Driven Gear.>



### **7. Reduction Drive Gear (4AT without VTD)**

#### **A: NOTE**

For removal, installation and inspection work, refer to "4AT" section. <Ref. to 4AT-99, Reduction Drive Gear.>

## **8. Reduction Driven Gear (4AT without VTD)**

### **A: NOTE**

For removal, installation and inspection work, refer to "4AT" section. <Ref. to 4AT-97, Reduction Driven Gear.>

## 9. Center Differential

### A: NOTE

For removal, installation and inspection work, refer to "5MT" section. <Ref. to 5MT-58, Center Differential.>

## 10. Transfer Clutch Pressure Test

### A: NOTE

For inspection work, refer to "4AT" section. <Ref. to 4AT-38, Transfer Clutch Pressure Test.>

### **11. Transfer Duty Solenoid and Valve Body**

#### **A: NOTE**

For removal, installation and inspection work, refer to "4AT" section. <Ref. to 4AT-71, Shift Solenoids, Duty Solenoids and ATF Temperature Sensor.>