SUBARU.

NUMBER 15-98-94

SERVICE BULLETIN

APPLICABILITY 94MY LEGACY OUTDOOR WAGONS **DATE** 03-0

SUBJECT: WHEEL COVERS P/N B3810AS010

94MY LEGACY "OUTDOOR" WAGONS are equipped with special wheel covers. These wheel covers require a different installation and removal procedure. The wheel covers twist on and off of retention rings which have been pre-installed on the vehicle wheels. The wheel covers will be supplied with the accessory package shipped in the cargo area of the wagon.

WHEEL COVER INSTALLATION INSTRUCTIONS

During PDI, please install the wheel covers as follows:

1. Remove the protective plastic caps from the locking pins on the back side of the wheel cover prior to installation.

2. To install the wheel cover, place it against the wheel with the valve stem centered in valve stem area of wheel cover. With the tabs on the back of the cover engaged in the slots on the wheel, rotate the cover clockwise, applying pressure until you feel the locking mechanism snap into place and hear an audible click. **It is important to make sure that the wheel cover is locked properly in place before the vehicle is driven.** When locked, the valve stem will be at the edge of the valve stem slot on the cover.

   Important Note: If it becomes necessary to remove the wheel cover, NEVER use a screwdriver or other prying tool. Doing so will severely damage or destroy the wheel cover.

   To remove the wheel cover, grasp it with both hands by the "spokes" and twist sharply in a counter-clockwise direction until you feel the detent release.

If it becomes necessary to replace a vehicle wheel, a new wheel cover retention ring, which is available through the Parts Dept., will need to be installed. Attached is a copy of the installation instructions.

CAUTION
VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.
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INSTALLATION INSTRUCTIONS

WHEEL COVER
LEGACY OUTDOOR WAGON
B3810AS010

PARTS LIST:

1 Wheel Cover
1 Retention Ring (Attached to Cover)
1 Rubber Installation Gasket

NOTE:

If you are replacing the wheel cover only, follow the instructions in Section A. If you need to replace the wheel cover / retention ring assembly, it is recommended that you take the vehicle to your local Subaru Dealer. However, if you wish to perform the work yourself, refer to the instructions in Section B.

SECTION A:

Separate the retention ring from the wheel cover by removing tape. Rotate the ring slightly to disengage the ring from the wheel cover and discard the retention ring. To install the cover, place it against the wheel with the valve stem centered in the valve stem area of wheel cover. With the tabs on the back of the cover engaged in the slots on the wheel, rotate the cover clockwise, applying pressure until you feel the locking mechanism snap into place and hear an audible click. **It is important to make sure that the wheel cover is locked properly in place before the vehicle is driven.** When locked, the valve stem will be at the edge of the valve stem slot on the cover.

SECTION B:

Read through all of the following steps before beginning. You will need the following materials:
- Silicone adhesive (G.E. Stock no. 5000 or equivalent)
- Caulking gun
- Tongue depressor or window screen rotary installation tool
- Clean cloth moistened with alcohol (if wheel has surface dirt)
- Sandpaper or Scotchbrite® abrasive pad (if wheel has severe dirt or rust)
- Latex glove

STEP 1:

Follow instructions in Section A for removing retention ring from the wheel cover and set both components aside.

STEP 2:

If the wheel is dirty, use a clean rag with alcohol or sandpaper / abrasive pad to remove any dirt and / or rust from the inner portion of the rim (Figure 1). If you look closely, or run your hand along the inside of the rim, you will notice that there is a shallow groove running around the circumference of the wheel rim. This is referred to as the "bead lock" and this is the area where the retention ring locates.

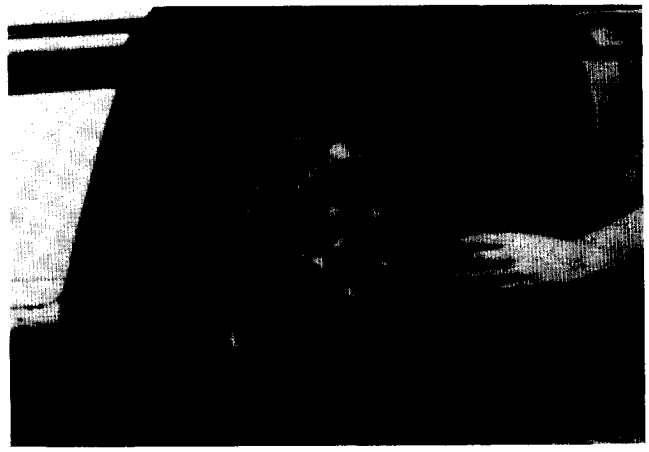

Figure 1

STEP 3:

After locating the valve stem in the appropriate notch, place the retention ring in the wheel. You should feel it "snap fit" as it locates into the bead lock area. Note: In some instances, due to dimensional variances in the wheels, it may be necessary to lightly tap the ring into place using a hammer and a wooden block. In all cases, be sure to insert the valve stem area of the ring first.

STEP 4:

With the retention ring in the wheel, center the valve stem in the valve stem area of the ring. Starting at approximately 1/2 " from the valve stem area, insert one end of the rubber installation gasket into the gap between wheel rim and retention ring. Using a tongue depressor or window screen rotary installation tool, work the gasket into the gap around the perimeter of the ring (Figure 2). When you get half way around the perimeter, stop and check that the valve stem is still centered in the valve stem area. If not, nudge the ring until the valve stem is centered, then continue with inserting the gasket around the wheel. If any gasket material is left over once you have reached the opposite side of the valve stem area from where you started, trim excess to approximately 1/2" from the valve stem area and insert end into the gap. Once the gasket is fully inserted, run the tongue depressor or rotary tool around one more time to ensure that gasket is fully seated (light pressure is all that is required).

Figure 2

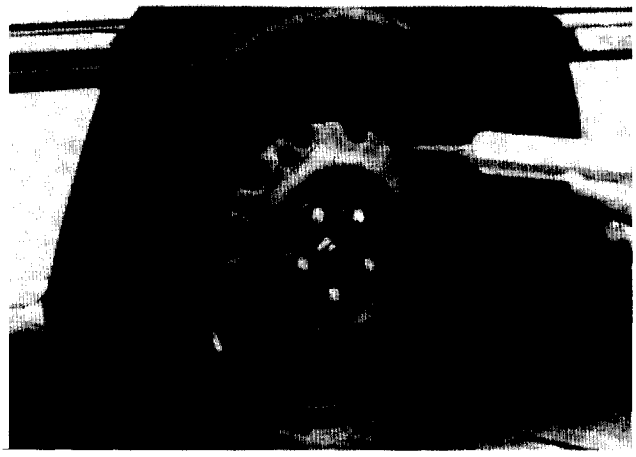

Figure 3

STEP 5:

Using the caulking gun, fill the remainder of the gap between retention ring and wheel rim with silicone adhesive (Figure 3). While wearing a latex glove, wipe away excess adhesive so that a smooth surface is achieved (Figure 4).

STEP 6:

Follow instructions in Section A for installing the cover.

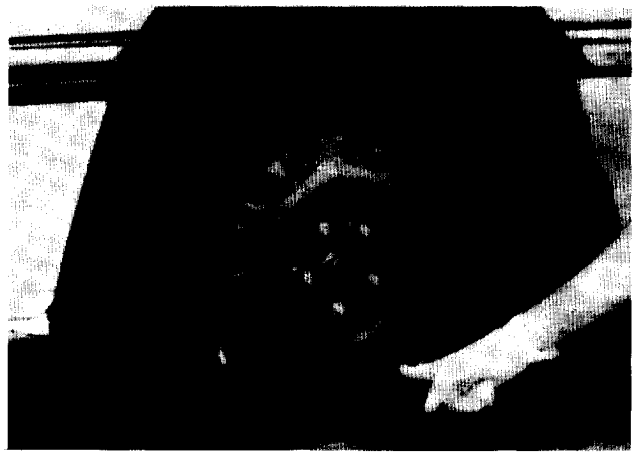

Figure 4

Note:

The vehicle can be driven immediately. However, extreme conditions such as high speed, hard braking and cornering, severe potholes and off-pavement use should be avoided for the first 24 hours.

IMPORTANT NOTE

If it becomes necessary to remove the wheel cover, **NEVER** use a screwdriver or other prying tool. Doing so will severely damage or destroy the wheel cover.

To remove wheel cover, grasp it with both hands by the "spokes" and twist sharply in a counter-clockwise direction until you feel the detent release.