

ATTENTION:

GENERAL MANAGER PARTS MANAGER
 CLAIMS PERSONNEL SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial

SUBARU 

SERVICE BULLETIN

APPLICABILITY: 2001~2002MY Legacy Vehicles with
16-inch Brake System

NUMBER: 06-30-01R
DATE: 03/06/02

SUBJECT: Brake Squeal Noise

INTRODUCTION

This updated bulletin is to inform of a change in production to eliminate brake squeal noise in addition to the previous bulletin dealing with a field repair procedure (the installation of brake shims).

PRODUCTION LINE CHANGE

- 1) 16-inch front disc brake caliper, housing bracket, and pad kit have been changed to eliminate the brake squeal in reverse, that occurs after a cold soak.
- 2) The applicable VIN numbers have incorporated the changes:

FRONT HOUSING CHANGED (EFFECTIVE AUGUST 8, 2001 BEGINNING WITH THE FOLLOWING VINS)

Outback	2*614896
Sedan	2*204756
Wagon	2*303821

FRONT CALIPER AND PAD KIT CHANGED (EFFECTIVE OCTOBER 12, 2001 BEGINNING WITH THE FOLLOWING VINS)

Outback	2*625022
Sedan	2*207097
Wagon	2*306006

Any VIN # after this change should not have the Brake Squeal concern or require the brake shim modification.

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

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

PART NUMBERS: NEW AND OLD

ITEM	NEW NUMBER	OLD NUMBER
Housing Part Number*	28313AE020/030	28012AC040/050
Disc Brake Kit*	26292SA000/010	26292AE020/030
Pad Kit	26296FE020	26296AE081

**Interchangeability: Housing - Only new part number to old part number.
Disc Brake Kit - NO interchangeability.*

FIELD PROCEDURE:

For vehicles produced prior to the previously outlined production line change, if the customer complains of a brake squeal in the AM when backing up on the first application, you will need to install a new style brake shim part # **26298AE020**. This part number will include a set of four (4) shims.

Note: If you are replacing a pad kit for maintenance, you will need to install this shim set.

INSTALLATION PROCEDURE:

- 1) Remove the front wheels.
- 2) Loosen the front upper caliper bolt. Remove the lower bolt and swing the caliper up out of the way.
- 3) Remove the inner and outer brake pads, making sure not to mix the two pads.
- 4) Remove the OEM shims from the pads and DISCARD.
- 5) Spray brake clean on a shop towel and clean the grease from the back sides of the brake pads. Make sure that the slit on the front side of the brake pad is clean.
- 6) Inspect **BOTH SIDES OF** the brake rotors at this time. If they are grooved, scored, or discolored, they should be resurfaced before proceeding to the next step.
- 7) Compress the caliper pistons at this time. Clean the inner sides of the caliper with brake cleaner. This will allow the shims to adhere.
- 8) Remove the blue plastic film from the inner side of the new shim and adhere it to the brake pads. **DO NOT REMOVE THE BLUE FILM FROM THE OUTSIDE OF THE SHIM AT THIS TIME.**
- 9) Install the brake pads back into the pad holders, making sure to grease the ends of the brake pads (slotted ends).
- 10) Remove the blue film from the outside of the shims and swing the caliper back into position.
- 11) Install the lower bolt and tighten both bolts, torque the bolts to 29ft lbs. Reinstall the wheels and start the engine. Depress the brake pedal 5 times to make sure the glue on the shims is secured firmly.

Note: Refer to the Warranty Labor Time Guide for claim information.