

- ATTENTION:**
- GENERAL MANAGER
  - PARTS MANAGER
  - CLAIMS PERSONNEL
  - SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.


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QUALITY DRIVEN® SERVICE

## SERVICE BULLETIN

**APPLICABILITY:** 2001~07MY Legacy/Outback H-6  
 2003~08MY Forester 2.5L N/A and Turbo  
 2009~13MY Forester N/A  
 2004~11MY Impreza 2.5L N/A

**NUMBER:** 04-13-09R  
**DATE:** 12/14/09  
**REVISED:** 06/17/15

**SUBJECT:** Power Steering Pump Relief Valve

### INTRODUCTION

If you encounter a vehicle that has a groaning type noise coming from the power steering pump when the wheel is turned to the full right or left position when the vehicle is parked, it may be caused by the relief valve vibrating within the pump. In lieu of replacing the power steering pump, the relief valve is now available as a replacement part.

### PART INFORMATION

**Note:** The power steering pump part numbers are listed for reference only.

APPLICABILITY	PART NUMBER (RELIEF VALVE)	PART NUMBER (P/S PUMP)
2001~03MY LEGACY/OUTBACK H6	34441AG030	34430AE082
2004MY LEGACY/OUTBACK H6	34441AG030	34430AE083
2005~07MY LEGACY/OUTBACK H6	34441AG040	34430AG011
2003~05MY FORESTER 2.5L N/A	34441AG030	34430SA010
2003~08MY FORESTER Turbo	34441AG030	34430SA000
2006~08MY FORESTER 2.5L N/A	34441AG020	34430SA020
2004MY IMPREZA 2.5L N/A	34441AG010	34430FE050
2005MY IMPREZA 2.5L N/A	34441AG010	34430FE081
2006~07MY IMPREZA 2.5L N/A	34441AG020	34430SA020
2008-10MY FORESTER 2.5L N/A	34441FG000	34430FG011
2011-13MY FORESTER 2.5L N/A	34441FG000	34430SC011

**Note:** Always confirm the correct part number with your parts department before ordering.

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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.

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ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

## REPAIR/SERVICE INFORMATION

### Before performing the repair, check the following items first:

- Check to make sure the tires are properly inflated.
- Check to make sure the power steering fluid is at the proper level.
- Check to make sure the belt is properly adjusted.
- Check to make sure the hoses are properly aligned and not rubbing anything.
- Check to make sure there is no air in the system.

### After making any necessary adjustments if the noise is still present, perform the following:

- Park the vehicle on a dry solid surface (concrete preferred). With the engine idling, transmission in park or neutral with the parking brake applied, turn the steering wheel to the full right or left position. If the noise is heard, replace the relief valve.



- Remove the power steering pump; refer to the applicable service manual.

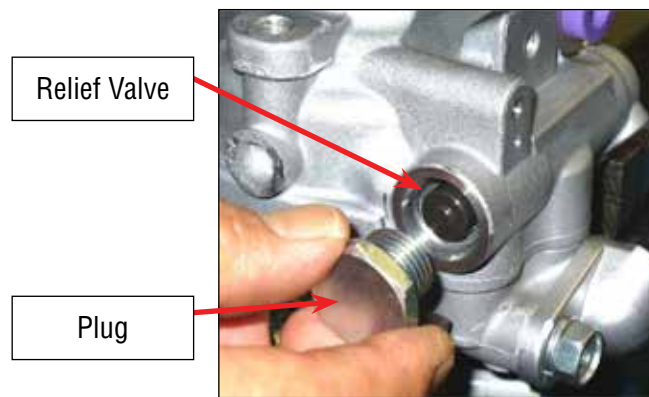


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- Place the power steering pump in a vise.



- Remove the plug using a 22mm box wrench.



- Using a pair of tweezers, remove the relief valve. Note: Be careful not to scratch the inside of the pump housing.



- Install a new relief valve.



- Confirm that the relief valve moves smoothly by pushing it in and out several times.



- Install plug and torque to proper specification 30~40 N-m (3.0~4.0 Kgf-m, 22.1~29.5 ft-lb)
- Reinstall power steering pump; refer to the applicable service manual.

## WARRANTY/CLAIM INFORMATION

For vehicles within warranty this repair may be claimed using:

LABOR DESCRIPTION	LABOR OPERATION #	FAIL CODE	LABOR TIME
Power Steering Pump Assembly - R&R	B657-751	RDB-25	0.9
Power Steering Pump Relief Valve - R&R	C657-758		0.1