

# Rear Differential Instructions

Part: Rear Differential

Kit#: 8-1603; Total Kit#: 8-2022

Vehicle(s): 1999-2009, Honda S2000



1-888-PROTHANE

3560 Cadillac Avenue, Costa Mesa, CA 92626

<u>PART ID</u>	<u>DESCRIPTION</u>	<u>QTY</u>	
77012	Rear Differential, Forward Pos. L/R	2	<p><b>NOTES:</b> </p> <p>Please refer to a factory service manual before any disassembly or reassembling of your vehicle for proper instructions. Check service manual to ensure proper torque specs during installation.</p> <p>Prothane bushings generally do <i>NOT</i> meet in the center. The “crush” or amount the bolt can be tightened is determined by the length of the sleeve. For all articulating bushings, make sure to apply SUPER GREASE (supplied) to <i>ALL SURFACES</i> that make contact with each bushing. For all stationary bushings we recommend applying a light coat of lithium or teflon grease (not supplied) to the OD and ID of each bushing.</p> <p><b>REUSE</b> all factory hardware unless replacement pieces are supplied</p>
Slv-61075	1.00 X .688 X 2.125; Rear Diff., Forward Pos. Sleeve	2	
Wash-1155	.625 X 1.750 X .141; Rear Diff., Forward Bushing Front Washer	2	
Wash-1168	.625 X 2.00 X .095; Rear Diff., Forward Bushing Rear Washer	2	
77013	Rear Differential, Rear Pos. L/R	2	
Slv-61076	1.00 X .625 X 2.885; Rear Diff., Rear Pos. Sleeve	2	
Wash-1168	.625 X 2.00 X .095; Rear Diff., Rear Bushing Rear & Front Washer	4	
19-1750-001	Grease	6	
<p><i>*The bushings should be off of the vehicle before you continue with these instructions</i></p> <p><i>*Please refer to your vehicles factory service manual for disassembly instructions.</i></p> <p><i>*Do one side at a time so you have reference points if you need them during the installation</i></p>			

## REAR DIFFERENTIAL BUSHING REMOVAL

### REAR POSITION

To remove the rubber bushings drill a few holes in face of the factory bushing in order to allow the fluid to drain out (**CAUTION:** the fluid will spray out, wear eye protection). Use a propane torch to heat the outside metal bushing housing until the bond is broken and you are able to push the bushing out with a long metal tool. Once the bushing is out you need to remove the metal pieces inside the housing that held the bushing together. (**NOTE:** Be sure not to damage the edges of the factory shell )

### FORWARD POSITION

Use a propane torch to heat the outside metal bushing housing until the bond is broken and you are able to push the bushing out with a long metal tool.

## REAR DIFFERENTIAL BUSHING INSTALLATION

### FORWARD AND REAR POSITION

Apply a thin coat of grease to the O.D of each bushing to help with the installation. Use a machine press to push the rear position bushing into the housing. The forward position can be pushed in using light pressure.

## Torque Specs:

Differential Mounting Bracket Bolts (forward & rear) – 33 lbf·ft

