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Installation Notes

Rear Camber Bushing

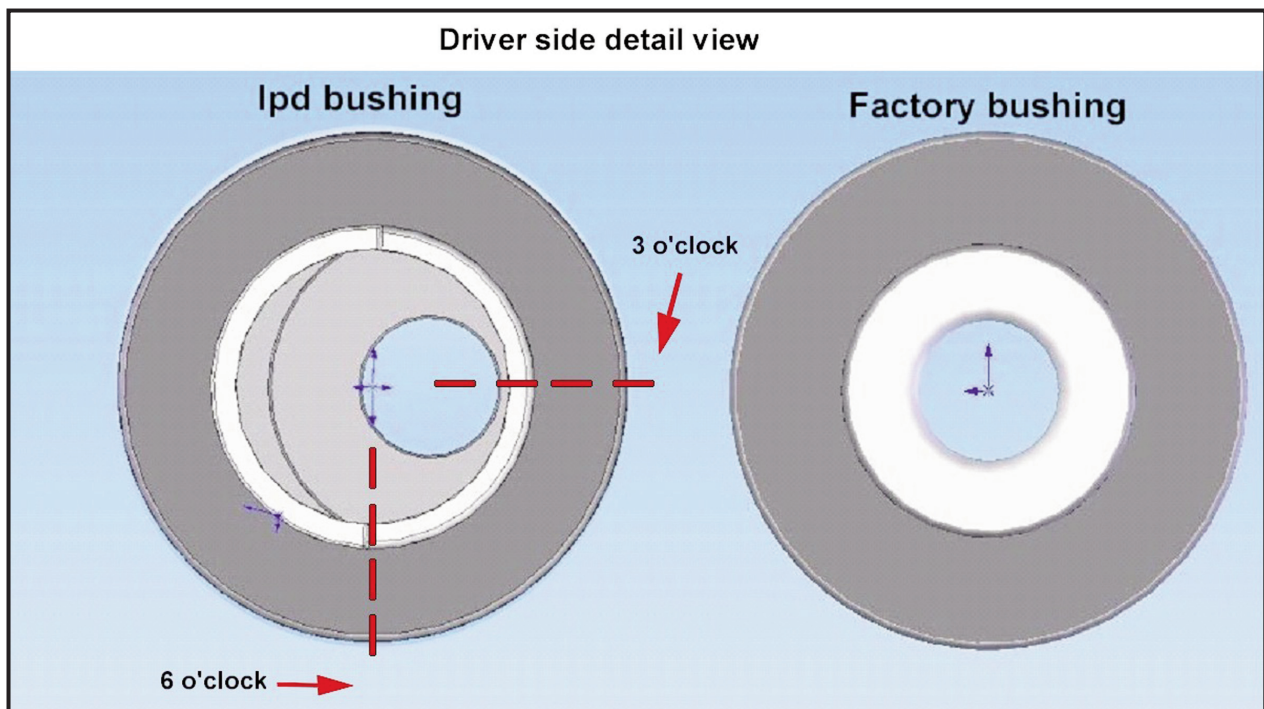
for all wheel drive P2 models only (S60, V70, S80, XC90)
ipd #8K0154



The **ipd** rear camber bushings provides up to 1.5 degrees of adjustment to correct excessive negative camber. The bushing must be pressed into the chassis in a particular orientation to realize the benefits of the design. Installation should be performed by an experience technician who is familiar with this process and the appropriate tools required to complete it. If you know your suspension angles are out of spec and it has been 6 months or more since an alignment was performed it is strongly recommended to have the vehicle re-aligned so that you have a baseline to adjust from.

REMOVAL AND INSTALLATION

NOTE* The image below and the factory bushing on the right, and the **ipd** bushing on the left. The installation of the bushing must be done in such a way as to allow the offset hole to effectively reposition the pivot point of the lower control arm and thereby adjust rear camber.



In the image above the bushing is viewed from the rear of the vehicle on the drivers side (left hand side). The **ipd** bushing should be installed so that the offset hole in the new bushing is closest to the center of the vehicle. This in turn 'pulls' the lower control arm toward the center of the vehicle and adds up to 1.5 degrees of positive camber. The bushing can be installed with the offset hole in any position so be sure to understand how the orientation of the bushing will affect the amount of camber

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correction it provides. With the offset hole at '3 oclock' as shown above, this would provide the maximum positive camber adjustment. With the offset hole at '6 oclock' the bushing would provide no camber adjustment. For the passenger side of the vehicle the bushing would be installed in the opposite orientation.

For reference:

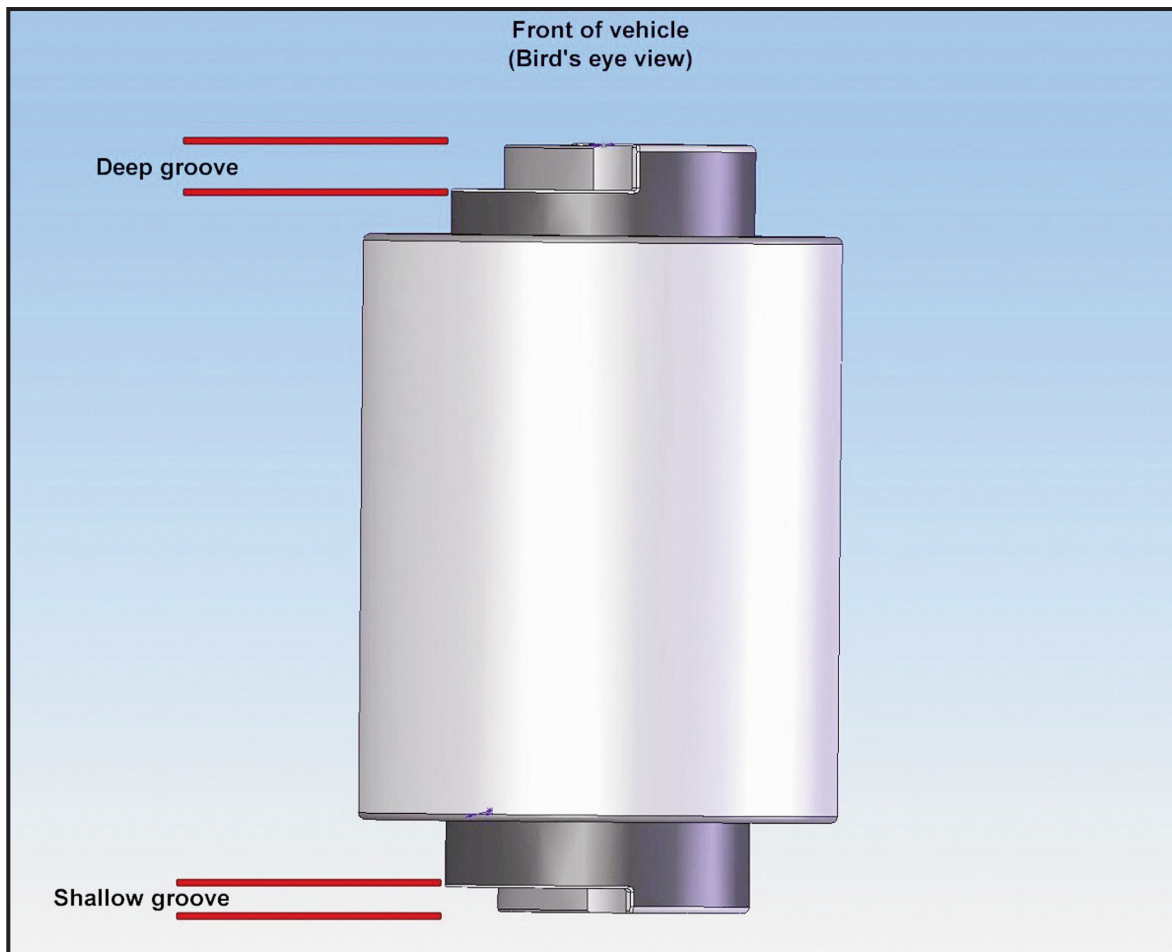
Driver Side: Maximum correction is achieved with the offset in the 3:00 position as viewed from the rear of the car, keeping in mind that the adjustment range is linear from a maximum of 1.5 degrees change in the 3:00 position to 0 degrees change in the 6:00 position, so if you have determined from your current alignment specs that you only need 1/2 degree improvement, then install the bushing with the offset in the 5:00 position.

Passenger side: Maximum correction is achieved with the offset in the 9:00 position as viewed from the rear of the car, keeping in mind that the adjustment range is linear from a maximum of 1.5 degrees change in the 9:00 position to 0 degrees change in the 6:00 position, so if you have determined from your current alignment specs that you only need 1/2 degree improvement, then install the bushing with the offset in the 7:00 position.

Please Note!

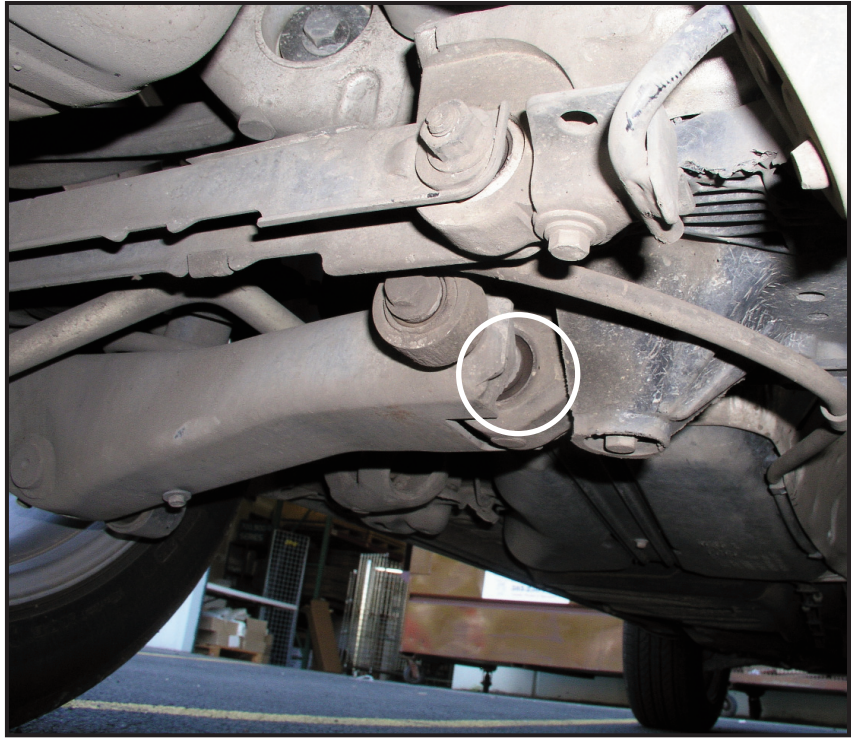
Prior to installation inspect the bushing and note the depth of the end grooves as shown in the photo below. The side of the bushing with the deeper groove should be installed so that it is toward the front of the vehicle as shown in the image below. This applies to both the drivers and passenger side bushing.

Deep Groove Towards Front - Shallow Groove Towards Rear



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The location of this bushing is the inboard lower rear control arm position as indicated below.



WARRANTY

One Year Limited Warranty

ipd warrants to the original purchaser that the parts manufactured and/or sold by **ipd** (the Product) is free from defects in material and workmanship under normal use. **ipd** warrants that the Product will perform substantially in accordance with the specifications set forth in the documentation provided with it. The above express warranties are made for a period of the lesser of 12,000 miles or 12 months from the date the Product is installed in your vehicle.

Any improper use, operation beyond capacity, substitution of parts not approved by **ipd** in writing, any alteration or repair by others, or any removal, defacing or altering of the identification shall void this warranty. There is no warranty on high-performance or race related parts due to the nature of usage.

The purchaser shall notify **ipd** at 1-800-444-6473 of any defect within the warranty period no later than thirty (30) days after purchaser discovers the defect. Should any failure to conform to this warranty appear within the warranty period, **ipd** shall, on notification, correct the nonconformity at its option, either by repairing any defective part, or by making available, FOB **ipd's** plant, a repaired or replacement part. The purchaser must insure any defective item being returned because **ipd** does not assume risk of loss or damage while in transit. No payment or reimbursement shall be made for installation, removal, transportation or other charges. The remedies set forth in this instrument are exclusive, and the liability of **ipd** with respect to any sale shall not exceed the price of the product on which the liability is based.

EXCEPT AS STATED OTHERWISE IN THIS WARRANTY, **ipd** MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. **ipd** shall not in any case be liable for special, incidental, consequential, indirect, or other similar damages arising from any breach of these warranties even if **ipd** or its agent has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

This warranty is governed by the laws of the State of Oregon.

