

Dedicated to improving vehicle fun, safety & performance

Installation Instructions

Thank you for purchasing this adjustable panhard rod kit. Please read through these instructions before installation.

Adjustable Panhard Rod for 200 (1975-93), 700 and 900 Series (solid axle) *ipd* #8K0240, #8K0700



Our adjustable panhard rod makes it easy to get perfect rear end alignment with the use of simple hand tools.

SUGGESTED TOOLS

- Tape measure
- 1-1/8 or 28mm wrench
- 19mm socket
- 19mm wrench
- Straight edge

SAFETY WARNINGS



- Always support the vehicle with jack stands before working underneath
- Use only the parts supplied by *ipd* to install this kit
- Check ALL the fasteners for tightness before and after road testing the vehicle
- Do not use air impact wrench when re-installing bolts as stripped threads may result

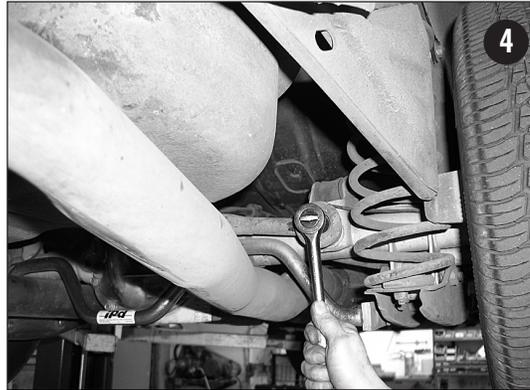
REMOVAL OF ORIGINAL PANHARD ROD

- 1 Begin by checking the tire pressure on all four tires and adjust them as necessary. They should be the same side to side.
- 2 Measure the rear end of the car to determine how much the rear axle assembly is off center. With the car on level ground measure the difference between the rear tires and the fender lip. This can be done by placing a straight edge vertically against the sidewall of the tire. Record this measurement. Due to Volvo's design, you will typically find that the body will be offset to the driver side 1/2" - 1".



REMOVAL OF ORIGINAL PANHARD ROD

- 3 Safely raise the car and support the body using jack stands. The car should be high enough to have the rear tires clear of the ground.
- 4 Remove the panhard rod using a 19mm wrench and socket on the driver's side and a 19mm socket on the passenger side. (17mm for later 740 and 940 models.)



NOTE: Disregard the exhaust pipe shown here on the driver side. This 240 has a V8 conversion and dual exhaust.

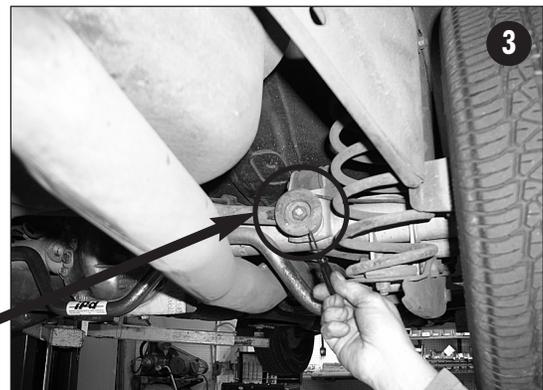
INSTALLATION

- 1 Install the bushing with the smaller diameter sleeve into the adjustable end of the new bar. Install the remaining bushing into the fixed end of the bar.
For 700 series the bar fits in the vehicle the opposite direction so bushing installation is reversed for these models.

- 2 Adjust the **ipd** bar to the same length as the original bar plus or minus one half the amount the rear end was off center in step 2 of disassembly.
Example: During the initial side to side measurement the rear end was found to be 1/2 inch closer to the passenger side than the driver's side (further to the right). In this case the IPD bar should be adjusted 1/4 inch shorter than the original bar. We have found that each revolution of the adjustment changes the bar length by 1/32 inch or approximately 0.8mm.

- 3 Install the **ipd** bar with the adjustable end towards the driver side (200 series) or passenger side (700, 900 series). You may need an assistant to push the body into position so you can attach the rod. Use the original nut and bolt on the driver's side and the original nut and washer on the passenger side. Lock the adjusting lock nut using a 1 1/8 or 28mm wrench. The ends of the bar should be as parallel as possible so as to not put unnecessary loads on the bushings.

Note: Do not leave the large cup washer off the right side as it helps prevent puncture of the tank during rear end collisions.



- 4 Safely lower the car to the ground and bounce on the rear bumper several times. Repeat the side to side measurement made in step one of disassembly. Repeat the adjustment as necessary to center the rear end under the car.

WARRANTY INFORMATION

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.