

Dedicated to improving vehicle fun, safety & performance

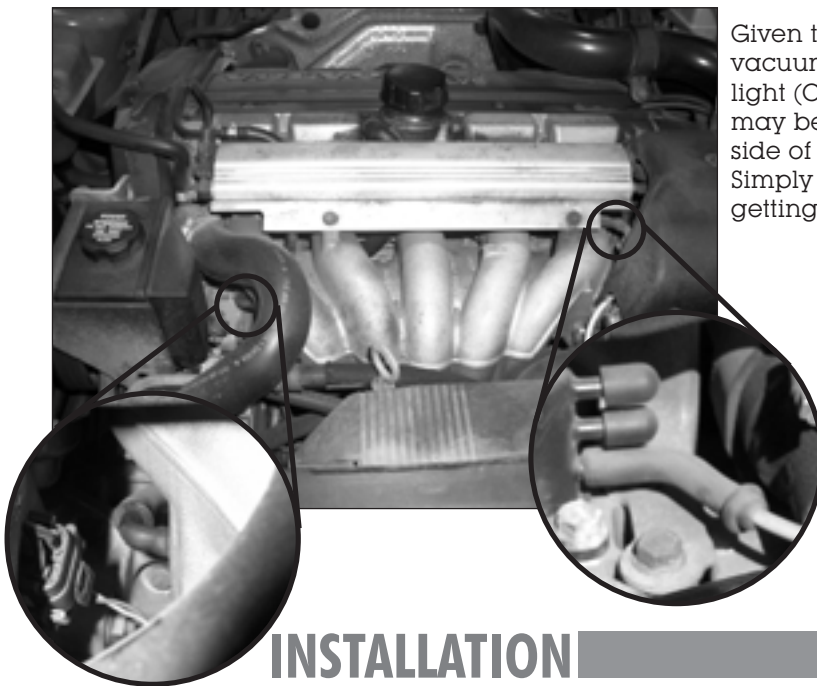
Installation Instructions

*Thanks for purchasing our vacuum elbows.
Please read through these instructions before
attempting the installation.*

Vacuum Elbows for
for 850 (up to 10/95) and
850, 70 Series (11/95-2000)
ipd #2K15586, #2K2759



INTRODUCTION



Given time, your 5-cylinder engine may develop a vacuum leak, which can result in a check engine light (CEL) codes 231-232. This common problem may be from a vacuum elbow on the passenger side of the intake manifold that has deteriorated. Simply replacing this piece solves the problem; the getting to it is the challenge.

INSTALLATION

- 1 Fear not DIYer, access is merely a fuel rail away. To get at it, **pull off the fuel rail cover, disconnect all the injector connectors, and move the harness out of the way.** Additional access at this point can be gained by removing the throttle bell crank cover via the T25 that secures it.
- 2 **Remove the two bolts holding the fuel rail in place. Spray a small amount of lubricant on the lower sealing o-ring of each injector and gently pry the fuel rail away from the intake manifold making sure the injectors stay with the rail and don't stay in the manifold.**

Later model cars have a capture bracket on the lower edge of the rail to prevent this.

INSTALLATION

- 3 Once the elbow has been pulled off the side of the intake nipple (a long screwdriver works well for this) push the elbow and the line it is attached to up between the #1 and #2 intake runner. This will allow approximately 1-2 inches of the line to be exposed including the elbow itself.
- 4 Using a razor blade, gently cut the elbow off of the plastic line, being careful not to damage the line itself. **Install the new elbow with some good old-fashioned spit. Seriously, don't use a lubricant since turbo pressure may push the elbow off the plastic line.**
- 5 Be sure to transfer the green spring clamp (if equipped) and reinstall the elbow on the nipple. Extended needle nose pliers work well for this. Just open the pliers so that the jaws are not quite as wide as the diameter of the clamp. Push the elbow on using the power steering pump as your leverage point and the hinge of the pliers as the fulcrum. Again, nature's lubricant should be used.
- 6 Clear any codes and test drive. The engine management system may take some time to adjust adaptations if your scanner is not able to clear them.

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.