Installation Instructions

ipd HD Compressor Bypass Valve
Fits 850/70/60/90/80 series with 5 cylinder TD04 Turbo Models

ipd #114437

SUGGESTED TOOLS

• 10mm end wrenches

SAFETY WARNINGS

• 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

1 Locate the factory CBV and identify the three 10mm bolts that must be removed to access it.
Removal:

1. Remove the vacuum line to the CBV.

2. Remove the lower bolt first then the two upper bolts.

3. Note the picture at right is with the turbo out of the car; this is simply for reference as to the bolt locations since they are hard to see when the turbo is installed in the vehicle. The turbo, however, does not need to be removed to replace the CBV.

4. With the CBV and cover removed, assemble your new CBV according to the picture.

5. The stock spring is 8 lbs and good for up to 12 lbs of boost.

6. The included blue spring is 10 lbs and good for up to 15 lbs of boost.

7. The included red spring is 14 lbs and good for up to 21 lbs of boost.

8. It’s better to go conservative with your spring selection, if you’re running 16 psi boost, run the 10 lb spring as it is the closest given your boost pressure. If you’re pushing 18-19 psi then step up to the red 14 lb spring.

Installation:

1. Reinstall the 3 10mm bolts back into the cover and tighten to 10 ft/lbs.

2. Reinstall the CBV and cover into the factory CBV cover and place it back on the turbo.

3. Reinstall the vacuum line to the CBV.

Warranty:

One Year Limited Warranty

Ipd warrants to the original purchaser that the parts manufactured and/or sold by Ipd (the Product) are 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, at its option, either repair any defective part, or by making available, FOB Ipd’s plant, a repaired or replacement part. The purchaser must ensure any defective item is returned because Ipd does not assume the 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.