

Dedicated to improving vehicle fun, safety & performance

Installation Instructions

Thank you for purchasing our Nivomat conversion kit. Please read through the entire instructions before you begin the installation process.

Nivomat Conversion Kit for 760, 780, 940 SE (1988-94)



ipd: #6K3500, #6K5101, #6K5102, #6K3503, #6K3504

SUGGESTED TOOLS

- Floor jack
- Internal spring compressor (ipd #T4030)
- Hand tools

INTRODUCTION

This installation is a Skill Level 3 job. Professional installation is strongly recommended. Be sure to read, understand, and follow all the safety warnings and user guides/manuals that come with your equipment. Coil springs under tension/compression have incredible amounts of potential energy so extreme caution should be taken when working with a compressed coil spring. Read through these instructions completely before beginning any work. An internal spring compressor (a compressor that compresses the spring from the inside of the coils IPD # T4030) and floor jack with a large jack pad is required to complete this work.

INSTALLATION

- 1** Raise the car and support it with jack stands on the vehicles' chassis. Be sure to allow the rear suspension to hang freely for disassembly. The rear trailing arm will need to pivot down nearly 70 degrees from it's original position during disassembly, safely support the vehicle with enough room to allow for this.
- 2** Remove the rear tires and locate the rubber plug covering the upper shock bolt. The plug is located directly above the rear axle at the 12 o'clock position on the inner fender.
- 3** Support the rear trailing arm slightly with a jack and remove the 17mm upper shock bolt.
- 4** Slowly lower the jack supporting the rear trailing arm and remove the jack from under the vehicle.

INSTALLATION

- 5 Remove the two lower 14mm bolts holding in the shock and remove the shock.
- 6 Using an internal spring compressor, insert the compressor into the interior of the rear spring via the opening where the shock was previously removed and attach it to the spring coils. Be sure that complete and solid contact is made between the coils of the spring and the arms of the compressor.
- 7 Begin compressing the spring until enough tension has been released to take the downward force off of the rear trailing arm.
- 8 Support the front portion of the rear trailing arm with a jack and remove the three 14mm bolts and one 19mm nut from the rear trailing arm bracket.
- 9 Slowly lower the rear trailing arm and cautiously remove the rear coil spring.
- 10 Take care when releasing the tension from the rear coil spring. Coil springs under tension or compression have incredible amounts of potential energy, extreme caution should be taken when working with a compressed coil spring. An improperly handled coil spring can cause serious injury.
- 11 Take one of the new coils from the kit and, using a small amount of electrical tape or a few zip ties, secure the rubber coil cushions to each end of the coil. For coils that have one end that terminates (ends) nearly flat, this end should go up.
- 12 Using the internal coil spring compressor, begin compressing the new coil until it is able to fit into the rear trailing arm pocket. Be sure to insert the compressor in the center of the coil prior to compressing it, if it is too close to either end it will be difficult to remove the compressor once the coil spring is installed in the vehicle.
- 13 Insert the compressed spring into upper spring perch and the corresponding pocket in the rear trailing arm. Be sure that both ends of the spring are solidly in place in the lower trailing arm pocket and the upper spring perch before jacking the rear trailing arm up into place.
- 14 Using a jack, cautiously raise the front portion of the rear trailing arm and install the three 14mm bolts and one 19mm nut on the rear trailing arm bracket.
- 15 Remove the jack and begin to release the tension from the internal spring compressor and remove the compressor from the vehicle.
- 16 Insert the shock into the interior of the spring and up into the upper shock mount, install the 17mm bolt into the upper shock mount.
- 17 You will need to raise the rear trailing arm a bit to install the two lower shock bolts, use a jack to do this.
- 18 Install the two 14mm lower shock bolts and lower the jack supporting rear trailing arm.
- 19 Continue to the other side of the vehicle and repeat the procedure.

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.