



PI-331 • 01/11

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# Installation Instructions

## OD Solenoid Bypass Kit for AW70/71 ipd #7071K



### SUGGESTED TOOLS

- 12mm short box wrench

### 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

### INSTALLATION

**1** Jack up the car and support it with stands so there is adequate safe working room.

**2** Unplug the single wire for the solenoid at the rear of the transmission.

Be sure to clean around and BEHIND solenoid BEFORE removal as there can be considerable debris buildup that could fall into the transmission internals if not removed ahead of time.

Zip tie the loose wire up and out of the way as you will not be using it after installation



# INSTALLATION

- 3** Remove the two bolts retaining the solenoid and remove it from the car. Make sure both seal rings are removed with the solenoid.



- 4** Place the new ring in the groove on the bypass plate and set on the transmission flange in the same position the solenoid was removed. If the bolts are started and the outer edges do not align, it may be installed backwards.



- 5** Make sure the seal ring is seated in the groove of the plate and install/tighten the two bolts. The bolts should be tightened between 20-26 ft.-lbs. but there is no room for a torque wrench to be used.
- 6** After lowering the car back to the ground, start the engine, put the car in gear and check for fluid leakage with a flashlight.

# INSTALLATION

## WIRING/SHIFT LIGHT

The way that the overdrive system is wired makes it difficult to eliminate the shift over-ride light without affecting other systems in the car. Removing the fuse will also remove power from other systems. Removing the relay will leave the override light illuminated. If the relay is still functioning it will keep the light out but the relay may fail eventually and the light will illuminate. The only simple way to eliminate the light is the removal of the actual bulb. This may seem like "cheating" but it is far easier than the alternatives.



## TRANSMISSION PERFORMANCE HINTS

If the transmission shifts late, even at low throttle loads, the kick-down cable should be lubed and adjusted. The measurement method listed in most manuals is frequently ineffective and the cable should simply be loosened or tightened for proper kick-down operation.

If the transmission shifts at appropriate speeds and loads but engages the next gear too sharply, it should be flushed with clean fluid. ipd flush hose kit #T7071 works well for this. Synthetic and synthetic blend fluids can also help with harsh shifting issues.

# 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.

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