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# Installation Instructions

**Short Ram Intake**  
for 850/70 1994-2000,  
C70 1998-2005 Turbo Models Only  
*ipd* #SR5T, SR5TME7



## SUGGESTED TOOLS

- Allen wrench
- Metric wrenches
- Diagonal cutters
- Torx #25
- Flat blade screwdriver

## SAFETY WARNINGS

- Read through instructions completely before beginning installation.



## INSTALLATION

- 1 Begin short ram intake installation by removing the Secondary Air System (SAS) fresh air tube. For models without a secondary air system disregard this step.



# INSTALLATION

**2** Next remove the fresh air intake tube.



**3** Now remove the two torx 25 screws holding the mass airflow sensor to the factory air box housing.

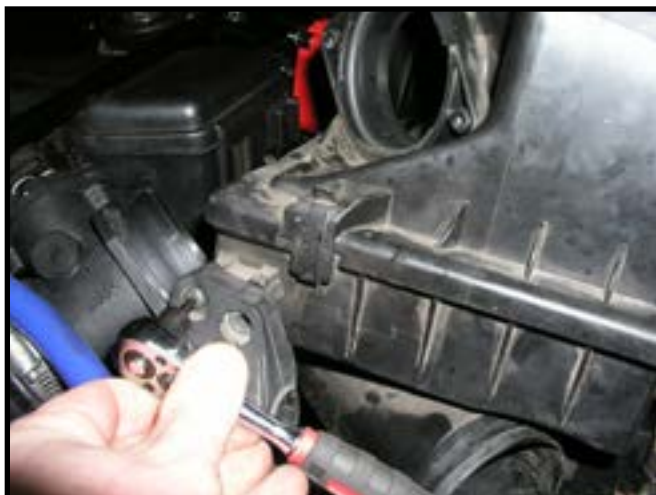


# INSTALLATION

- 4 Remove the Mass air flow sensor from the air box housing.



- 5 For 850 models: Remove the two torx 25 screws from the turbo control valve as shown. For 70 series models remove the turbo control valve from the factory air box housing as show.



**850**



**70 series**

- 6 To remove the factory air box from the vehicle, pull up quickly and sharply to disconnect the air box from the lower snap connectors on each side of the air box.





# INSTALLATION

- 7 Finish removing the air box by pulling it up and toward the center of the vehicle as shown.



- 8 Install the new short ram intake by snapping the aluminum heat shield into the two factory snap connectors that previously held in the factory air box in position.



- 9 Take the included coil plug wire grommet and cut it as shown. For 1999 and later models, disregard this step.



# INSTALLATION

- 10** Now slip the grommet around the coil wire. For 1999 and later models disregard this step.



- 11** Slide the grommet and coil wire into place on the aluminum air box. For 1999 and later models disregard this step.



- 12** Using the included button screws, washers, and corresponding nut, attach the mounting tab of the aluminum heat shield to the inner fender as shown.



# INSTALLATION



- 13** For 1998 and earlier models, break out the perforated tabs shown. These tabs can be gently twisted until they break free. Using the two remaining button screws and nuts, attach the mass airflow sensor to the aluminum heat shield.



# INSTALLATION



- 14** For 850 models, reinstall the turbo control valve using the two torx 25 screws that were removed earlier and attach the turbo control valve bracket to the aluminum heat shield. Be careful not to over tighten the screws.



- 15** Now reinstall the fresh air intake tube. The tube is very tightly fit to the aluminum heat shield, use a flat blade screw driver to aid in installation.





# INSTALLATION

- 16** Be sure that the fresh air intake tube protrudes in to the aluminum heat shield to ensure there are no leaks.



- 17** For models with Secondary Air System (SAS), locate the SAS fresh air tube. Cut the tube approx 4.5 inches below the top of the core support.



- 18** Install the clamp and filter, then tighten the clamp. Use a zip tie to fasten the tube and filter to the back of the core support.





# INSTALLATION

- 19** Now install the included trim edge onto the upper edge of the aluminum heat shield. The trim edge is fairly flexible but exercise patience during install for best results.



- 20** For tight 90 degree corners it may be necessary to cut into the trim edge to help negotiate these tighter bends. Use a pair of diagonal cutters to cut into the trim edge upto, but not through, the sealing bulb.



- 21** Now bend the trim edge and install it as shown.



# INSTALLATION

- 22** Now install the included high flow filter and tighten the clamp.



- 23** Your short ram intake is now installed!



- 24** Road test the vehicle and verify proper function.

## ***One Year Limited Warranty***

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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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