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Installation Instructions

Brushed Aluminum Gauge Rings for

S80 (1999-2002) and
S60, V70 (2001-02)

ipd #9G701



SUGGESTED TOOLS

A #25 torx driver should be one in the small black tool pouch that came with your car in the trunk or cargo compartment.

INSTALLATION

1 With the key in the ignition, release the tilt-telescope locking handle on the left side of the steering wheel. Push the handle downwards and lock it.

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INSTALLATION

- 1 With the key in the ignition, release the tilt-telescope locking handle on the left side of the steering wheel column and pull the wheel out to the farthest position and then move it downwards and lock it in this position for maximum clearance.

IMPORTANT: Remove the ignition key at this point to prevent error codes when the instrument panel is disconnected in Step 6.

- 2 The dark gray plastic finish trim around the instrument cluster is held in place with several spring clips. To remove the finish trim, grasp it at along the bottom as shown in the photo and pull toward you. It may take a bit of force and it will probably only pop out about 2-1/2". Now do the same at the top section of the finish trim and the finish trim should pop free of the dash, but will be limited by the flexible connection to the upper half of the plastic steering column housing. If any spring clips come loose from the trim they will usually fall to the floor. If they didn't make it to the floor, bang on the under side of the dash panel to knock the clips from the panel and then they will fall onto the carpet of the drivers foot-well. Re-install clips onto finish trim.



INSTALLATION

3 Remove the top half of the steering column plastic housing. Use your thumb to pry the upper housing away from the lower housing by applying upward pressure at the spot indicated by the arrow in photo. Once the halves begin to separate, you should be able to gently pull up on the housing and it will snap free of the lower housing.



4 Lift the upper steering column housing into the position shown in photo 4. Now you should be able to completely remove the finish trim and upper steering column housing.



5 Carefully remove the 4 #25 Torx screws holding the cluster in place (you don't want to drop the screws). See screw locations in photo 5.



- 6** **WARNING:** To prevent error codes from being generated, do not disconnect the instrument panel cable while the ignition key is in the ignition switch.

There is a single cable harness connected to the rear of the cluster. Depress the retaining latch on the top of the connector and gently unplug the connector. See photo.



- 7** Remove the cluster and place it on a clean work surface. There are 8 snap latches holding the clear lens of the cluster in place. Simply push down on the end of the clear tabs where they protrude through the cluster housing. As you press each one down, you should feel it dis-engage. You may have to give them a nudge so they will come free of the housing. Be careful as you don't want to scratch the lens in any way. Also, this would be a good time to make sure your hands are nice and clean to prevent any smudges from appearing on the lens or the face of the instrument area. Once all 8 of the lens tabs are dis-engaged you should be able to lift the lens away from the cluster. Place the lens in a safe place.
- 8** Test fit each of the 4 dash rings, they should fit into the dash with a very small amount of play. Notice that on the back side of each ring there is a 90 degree step. This is designed to engage the gauge. Make yourself familiar with what it feels like when the rings are properly seated as you don't want to glue them in place incorrectly.
- 9** Use a tooth pick or match stick to place 6-8 very small evenly spaced dabs of the provided glue to the back side of one of the rings and install it. Be very careful to not put too much glue on the ring as you don't want the glue to get on the face of the rings or the face of the cluster upon installation. Repeat this step for the 3 remaining rings.

INSTALLATION

- 10 The glue should be dry in 10 minutes. Make sure you don't have any glue on your hands, check the cluster face for any dust or debris. Check the inside of the lens for dust or debris and then carefully re-install the lens. Make sure that each tab is fully seated and snapped into place.
- 11 Re-connect the electrical harness, position the cluster into the dash and install the 4 Torx screws, press the finish trim into position (you may have to give it a bit of a whack with the heel of your hand to fully seat the trim. Carefully guide the upper steering column housing into place making sure that the rubber seals for the stalks are fully seated before snapping the housing into place.
- 12 Reposition the steering wheel, lock it onto place and admire your handy-work!