

1997 - 2000 Corvette: Chevrolet Pro Service News: Corvette Windnoise

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CORVETTE WINDNOISE

Back in March, you received a service manual update containing new waterleak and windnoise procedures for the Corvette (Bulletin 83-15-02). We covered a few of the waterleak topics in the June edition of the PSN video.

There are several areas on the Corvette to check for windnoise. You can isolate a leak by using a device, such as a stethoscope, while road testing the vehicle. Listen for areas of high noise and compare to the opposite side of the vehicle. Also, check for mis-installed parts or gaps.

A good place to start your search is at the front or rear of the roof side weatherstrip. Leak sealant should stretch across the end of the weatherstrip retainer, and between the roof and frame at each corner. Both windnoise and waterleaks can occur at the corner if it is not sealed properly. Refer to this month's video for a demonstration of this procedure.

Windnoise also may occur where the B-pillar weatherstrip overlaps the roof weatherstrip. If there is a gap, slide the B-pillar weatherstrip upward in the retainer so it tightly contacts the roof weatherstrip.

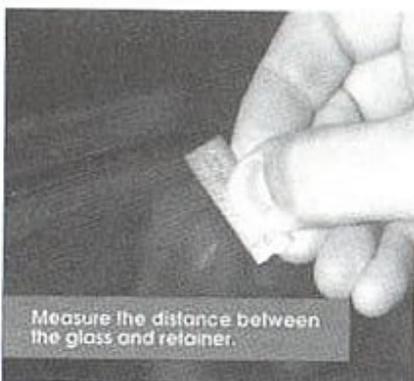
The next three checks do not appear in the service manual update,



There should not be a gap where the B-pillar weatherstrip and roof weatherstrip meet.

but are integral in diagnosing and correcting windnoise conditions. If you detect windnoise from around the glass, check the distance between the glass and the retainer. You can accomplish this by pushing the edge of the weatherstrip under the glass before measuring. The distance between the two should measure

between 4 mm and 8 mm. The distance from the rear edge of the glass to the retainer should be 7 mm to 9 mm.



Measure the distance between the glass and retainer.

The glass shoes on the door allow you to move the glass up, down, fore or aft to adjust the door glass to the desired position.

If you have a leak coming from the



Jack screw adjustments change window tip-in.

rear of the door glass, you may need to adjust the window tip-in. The glass should be flush, to 2 mm under flush, to the B-pillar retainer.

You can adjust the tip-in using the jack screw. A counterclockwise adjustment increases tip-in, and clockwise decreases. Refer to the service manual for more information on tip-in



The area around the blow-out clip can be a source of windnoise.

adjustments. Also, in the June 1998 PSN video, we demonstrated this procedure.

If the glass doesn't roll up easily after adding tip-in, loosen the front lower regulator attachment, lower the glass, and tighten the lower front attachment.

One last area to examine is the distance between the glass and the blow-out clip. The clearance between the two should be 4 mm, within 1 mm.

If the distance is too great, carefully tap the blow-out clip with a rubber mallet.

- Jason Lenard



CCT Bulletin Board

Now that Exam 1 is behind you, it's time to concentrate on Exam 2, due to arrive at your dealership early in October.

Just a reminder for Technicians that all CPTs must be completed by September 30, 1998 in order to receive bonus points. Also, November 1998 is the last opportunity to take ASE tests for credit in the 1998 CCT program.

- Kristen Malechuk
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