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44. Reinstall the flywheel housing dowel pins, then reinstall the flywheel housing with a new gasket. Torque the housing bolts to the correct spec below.

- *All models except Insight:* Torque the housing bolts to **29 N·m (22 lb-ft)**.
- *Insight only:* Torque the housing bolts to **27 N·m (20 lb-ft)**.

NOTE: Do not reuse the old gasket or apply any gasket sealer.

45. *Civic GX and HX only:* Reinstall the ATF passage line holder to the flywheel housing with a new O-ring.
46. Make sure the input shaft seal is not damaged, then install a new input shaft seal ring. Apply super high-temp urea grease to the input shaft splines.
47. Reinstall the CVT:
- Refer to the CVT section of the appropriate service manual, or
  - Online, enter keyword **TRANS**, and select **Transmission Installation** from the list.
48. Fill the CVT with the correct amount of Honda Genuine CVT Fluid:
- *Civic GX and HX:* 6 quarts
  - *Civic Hybrid:* 5.3 quarts
  - *Insight:* 5.8 quarts
49. *Civic Hybrid and Insight only:* Make sure the IMA battery level gauge shows at least three-quarters charged. If you need to increase the IMA charge, do this:
- *Insight only:* Remove the EPS (electronic power steering) fuse from the under-hood fuse/relay box.
  - Start the engine, and run it at 3,500 rpm until the battery level gauge shows at least three-quarters charged.
  - *Insight only:* Reinstall the EPS fuse.
50. With the engine fully warmed up, test-drive the vehicle to make sure the judder is gone. During the drive, calibrate the start clutch by turning on the headlights, and decelerating from 40 to 20 mph without using the brakes.
51. When you are finished with your test-drive, turn the ignition switch to LOCK (0), then check the CVT fluid level within 90 seconds; it should be between the upper and lower HOT marks. Add fluid if needed.

Example of Customer Letter

Summer 2007

**Warranty Extension:  
Transmission Judder or Slippage**

Dear Civic GX, Civic HX, Civic Hybrid, or Insight Owner:

This letter is to notify you of a warranty extension for two potential problems in your vehicle's continuously variable transmission (CVT).

**Warranty extension details**

On some vehicles, a hesitation or judder may be felt when you begin moving from a stop. You may also feel a hesitation or slipping during acceleration. To ensure that you have adequate warranty coverage for these potential problems, the CVT is now covered for judder or slippage for 7 years or 100,000 miles, whichever comes first.

If your vehicle has one of the symptoms described above, take it to any Honda dealer for an inspection. If the dealer finds a judder or slippage problem in the CVT, and your vehicle is within the extended warranty time/mileage limits, they will repair the CVT, *free of charge*. This extended warranty covers *only* CVT judder or slippage. Any other CVT problems are covered by the normal 3-year, 36,000-mile new vehicle limited warranty.

If CVT repair for judder or slippage is needed, your dealer will order all needed parts, and then schedule an appointment time that is convenient for you. Please plan to leave your vehicle at the dealership for at least a full day to allow them flexibility in scheduling.

NOTE: The last page of this notification contains updated CVT information for your vehicle owner's manual. Please update the owner's manual with this information.

**What to do if you feel this notice is in error.**

Our records show that you are the current owner or lessee of a 2001–05 Civic GX, Civic HX, or Insight, or a 2003–05 Civic Hybrid with a CVT. If this is not the case, or the name/address information is not correct, please fill out and return the enclosed, postage-paid *Information Change Card*. We will then update our records.

If you paid to have the CVT repaired for judder or slippage sometime in the past, you may be eligible for reimbursement. Refer to the attached *Instructions for Reimbursement* for eligibility requirements and the reimbursement procedure.

**If you have questions.**

If you have questions about this notice, or need help contacting a Honda dealer, please call Honda Automobile Customer Service at (800) 999-1009.

Sincerely,

**American Honda Motor Co., Inc.  
Honda Automobile Division**