



Product Update: Drive Belt Auto-Tensioner Pivot Bolt Replacement

BACKGROUND

The current routing of the engine drive belt creates extra force on the drive belt auto-tensioner. In rare cases, this extra force could break the auto-tensioner pivot bolt, causing an engine noise or a loss of power steering.

VEHICLES AFFECTED

2006 Civic 2-Door:

From VIN 2HGFG1...6H500089 thru
2HGFG1...6H546702

2006 Civic 4-Door:

From VIN 1HGFA1...6L000001 thru
1HGFA1...6L082601

From VIN 2HGFA1...6H500011 thru
2HGFA1...6H517147

From VIN JHMFA1...6S000039 thru
JHMFA1...6S014045

2006 Civic GX:

From VIN 1HGFA4...6L000001 thru
1HGFA4...6L000026

Some of the vehicles affected by this product update may be in your used vehicle inventory. These vehicles must be updated before they are sold.

To verify vehicle eligibility, check for at least one of these items:

- The customer has a notification letter.
- The vehicle is shown as eligible on a VIN status inquiry.

In addition, check for a punch mark below the 13th character of the engine compartment VIN. A punch mark in that location means this product update has already been completed.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this product update. An example of the customer notification is at the end of this service bulletin.

CORRECTIVE ACTION

Replace the auto-tensioner pivot bolt, and reroute the drive belt. On vehicles with A/C, install a new drive belt.

PARTS INFORMATION

Auto Tensioner Pivot Bolt Kit:

P/N 04301-RNA-405, H/C 9175126

(Contains 10 mm pivot bolt and drive belt for vehicles with A/C)

NOTE: The drive belt in this kit cannot be used on vehicles without A/C.

REQUIRED SPECIAL TOOLS

Pulley Holder, T/N 07AAB-RNAA150

In June 2008, each dealer was sent a pack of five pulley holders. To order additional pulley holders, use normal parts ordering channels.

WARRANTY CLAIM INFORMATION

NOTE: This product update ends on **January 30, 2012**. After that, any applicable warranty would apply.

Operation Number: 1181L1

Flat Rate Time: 0.5 hour

Failed Part: P/N 04301-RNA-405
H/C 9175126

Defect Code: 5TT00

Symptom Code: R0100

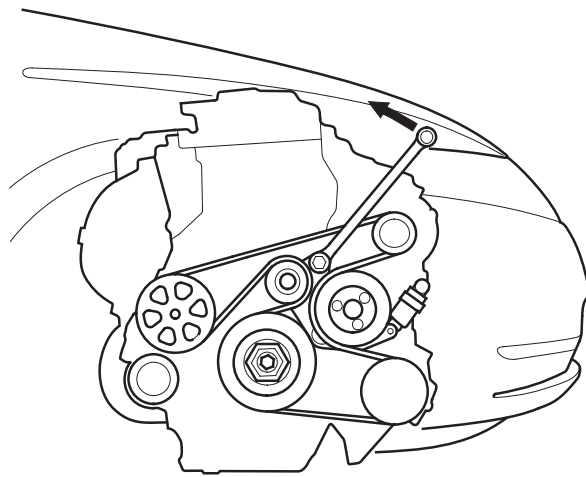
Template ID: 09-007A

Skill Level: Repair Technician

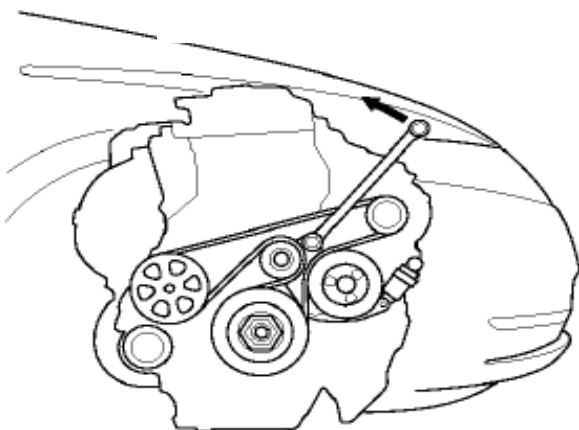
REPAIR PROCEDURE

1. From above the engine, set a long-handled, boxed-end wrench on the drive belt auto-tensioner. Slowly turn the wrench counterclockwise, then remove the drive belt.

NOTE: On vehicles without A/C, the drive belt will be reused.

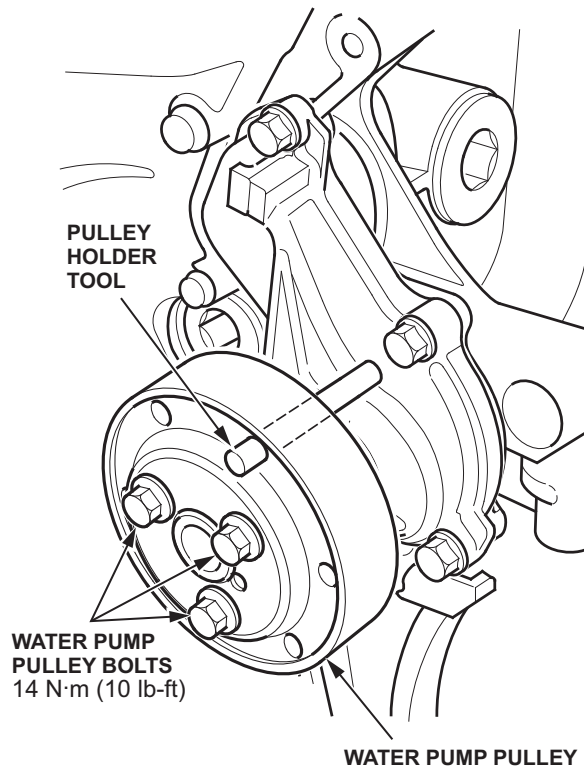


WITH A/C



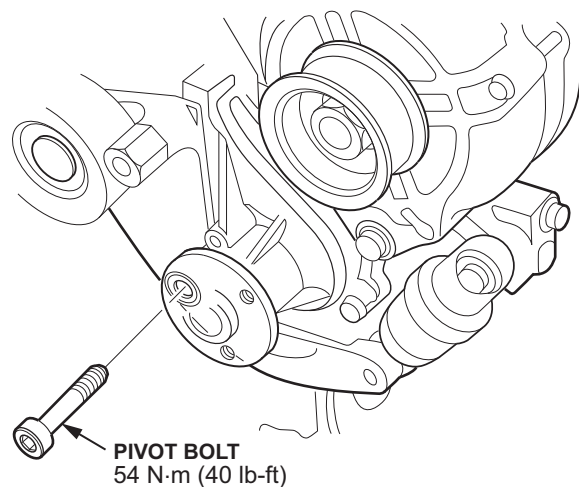
WITHOUT A/C

2. Insert a pulley holder (see REQUIRED SPECIAL TOOLS) into one of the holes in the water pump pulley at the 12 o'clock position. The tool holds the pulley so you can loosen or tighten the pulley bolts.



3. Remove the water pump pulley (three bolts).
4. Remove the pivot bolt from the drive belt auto-tensioner.

NOTE: In rare cases, the pivot bolt may be broken. If this has happened, remove the auto-tensioner, then remove the shank of the pivot bolt with Vise Grips or by drilling it out. *Do not try to repair the engine block using a TIME-SERT.* If you can't remove the shank of the pivot bolt, you would need DPSM approval to install an engine short block assembly.



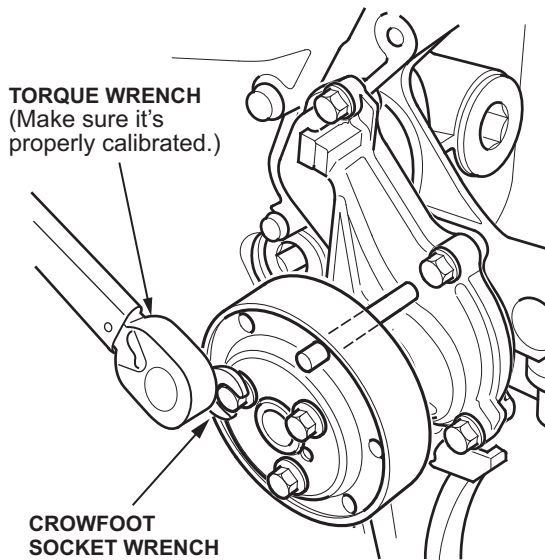
- Install a new pivot bolt on the auto-tensioner, and torque it to **54 N·m (40 lb-ft)**.

NOTE: For important tips on correctly installing the pivot bolt, refer to ServiceNews article A070301, *Replacing the Drive Belt Auto-tensioner Pivot Bolt? Read This First.*

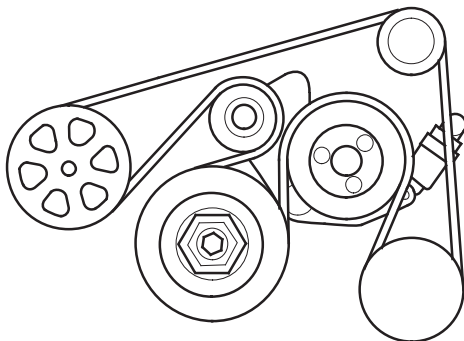
- Reinstall the water pump pulley and its three bolts. Insert the pulley holder in the 12 o'clock position to keep the pulley from moving while you torque the bolts to **14 N·m (10 lb-ft)**.

NOTE:

- The exact torque is critical for a successful repair.** To guarantee the correct torque, you must use an accurately calibrated torque wrench. It's OK to use a crowfoot socket wrench with the torque wrench.
- Do not install the drive belt before you torque the pulley bolts. If you do, you won't get accurate torque readings.
- Remove the pulley holder after you torque the pulley bolts.



- On vehicles with A/C, route a new drive belt around the engine pulleys as shown below. On vehicles without A/C, route the original drive belt as shown in step 1.



- From above the engine, set a long-handled boxed-end wrench on the drive belt auto-tensioner. Slowly turn the wrench counterclockwise, and slip the belt over the auto-tensioner pulley. Release the auto-tensioner, and remove the wrench.
- Center-punch a completion mark below the 13th character of the engine compartment VIN:
 - Slide open the FRAME NUMBER door on the center cowl cover.
 - Use a long punch to reach the VIN.

2HGFA1XXXXXXXXXXXX

Center-punch here.

Example of Customer Letter

February 2009

Product Update: Rerouting the Drive Belt

Dear Civic Owner:

This letter is to notify you of a potential problem with your vehicle and what you should do to resolve it.

What is the problem?

The current routing of the engine drive belt creates extra force on the drive belt auto-tensioner. In rare cases, this extra force could break the auto-tensioner pivot bolt, causing an engine noise or a loss of power steering.

What should you do?

Contact any authorized Honda dealer for an appointment to have your vehicle updated. The dealer will install a new auto-tensioner pivot bolt and reroute the drive belt, installing a new belt if needed. This work will be done *free of charge*. Please plan to leave your vehicle at the dealer for half a day to allow some flexibility in scheduling.

What to do if you feel this notice is in error

Our records show that you are the current owner or lessee of a 2006 Civic involved in this product update. 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.

This product update ends on January 30, 2012. After that, any applicable warranty would apply.

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.

We apologize for any inconvenience this product update may cause you.

Sincerely,

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

January 30, 2009

Dear Service Manager:

Honda Motor Co., Ltd., is announcing a product update campaign for certain 2006 Civics.

The current routing of the engine drive belt creates extra force on the drive belt auto-tensioner. In rare cases, this extra force could break the auto-tensioner pivot bolt, causing an engine noise or a loss of power steering.

Repair Strategy

The repair is to replace the drive belt auto-tensioner pivot bolt and reroute the drive belt. On vehicles with A/C, a new drive belt is used in the repair. For repair, affected VIN, and warranty information, refer to Service Bulletin 09-007, *Product Update: Drive Belt Auto-Tensioner Pivot Bolt Replacement*.

Customer Notification

Customers will be sent a notification of this campaign the week of February 9, 2009. Before beginning work on a vehicle, verify its eligibility by checking at least one of these items:

- The customer has a notification letter.
- The vehicle is shown as eligible on a VIN status inquiry.

Some vehicles affected by this product update may be in your used vehicle inventory. These vehicles must be updated before they are sold. To see if a vehicle is affected, do a VIN status inquiry.

Parts Information

Initially, a quantity of drive belt auto-tensioner pivot bolt kits will be auto-shipped to you. Each kit contains a drive belt (for vehicles with A/C) and an auto-tensioner pivot bolt. The drive belt in the kit cannot be used on vehicles without A/C. Additional kits are available through open ordering.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division