

Applies To: See VEHICLES AFFECTED

October 2003

## Product Update: Timing Belt Auto-Tensioner

### BACKGROUND

The timing belt auto-tensioner is filled with oil to dampen oscillation. Due to a manufacturing problem, the tensioner oil can leak. If enough oil is lost, the timing belt loosens and causes engine noise.

### VEHICLES AFFECTED

2002 Odyssey:

KA: From VIN 2HKRL1...2H537170 thru end of production

KX: From VIN 2HKRL1...2H901154 thru 2HKRL1...2H903142

2003 Odyssey:

KA: From VIN 2HKRL1...3H500006 thru 2HKRL1...3H500850

KX: From VIN 5FNRL1...3B900001 thru 5FNRL1...3B900004

2003 Pilot:

KA: From VIN 2HKYF1...3H500005 thru 2HKYF1...3H527764

KX: From VIN 2HKYF1...3H900003 thru 2HKYF1...3H900123

Some vehicles affected by this product update are still in dealer inventory. These vehicles should be repaired before they are sold or leased.

Before beginning work on a vehicle, verify its eligibility by confirming that it is listed on your campaign responsibility report.

### CUSTOMER NOTIFICATION

All owners of affected vehicles should be mailed a notification of this product update. An example of the customer notification is enclosed with this service bulletin.

### CORRECTIVE ACTION

Replace the timing belt auto-tensioner.

### PARTS INFORMATION

Timing Belt Auto-Tensioner Kit (contains tensioner and dipstick tube O-ring):

P/N 04140-P8E-000

### WARRANTY CLAIM INFORMATION

Operation Number: 110159

Flat Rate Time: 2.0 hours

Failed Part: P/N 14520-P8E-A01

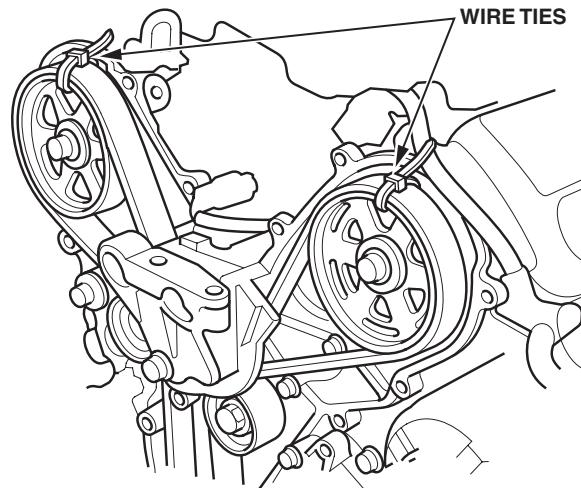
Defect Code: 5BU

Symptom Code: P07

### REPAIR PROCEDURE

NOTE: Do not replace the timing belt if it has oil on it from the auto-tensioner. Residual oil from the tensioner does not affect timing belt performance.

- Follow steps 1 thru 12 of Timing Belt Removal in the engine mechanical section of the appropriate shop manual.
- Secure the timing belt to both cam pulleys using plastic wire ties. This helps to keep the timing belt in place while you replace the auto-tensioner.



- Remove the timing belt auto-tensioner.
- Install the new auto-tensioner. Refer to the engine mechanical section of the appropriate shop manual.
- Remove the pin from the auto-tensioner, and remove the wire ties from the cam pulleys.
- Replace the dipstick tube O-ring.

7. Install the remaining parts in the reverse order of removal. Tighten all nuts and bolts to the specifications shown in the appropriate shop manual.

NOTE: Overtightening the power steering belt would cause the power steering pulley to fail, so make sure you set the belt tension to the used belt specification. Refer to the steering section of the appropriate shop manual.

8. Center-punch a completion mark above the fourth character of the engine compartment VIN.

Center-punch here.  
**2HKRL1XXXXXXXXXX**

## **Example of Customer Notification Letter**

November 2003

### **Product Update: Timing Belt Auto-Tensioner**

Dear Honda Owner:

We are sending this letter to notify you of a potential problem with your vehicle.

#### **What is the problem?**

Due to a manufacturing problem, the timing belt auto-tensioner in the engine can lose its oil. If enough oil is lost, the timing belt loosens and causes engine noise.

#### **What should you do?**

Call any authorized Honda automobile distributor, and make an appointment to have your vehicle inspected and repaired. The distributor will replace the timing belt tensioner. This update will be done *free of charge*. Please plan to leave your vehicle all day to allow the distributor 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 2002–03 Odyssey or 2003 Pilot involved in this product update. If this is not the case, or the name/ address information is not correct, please inform your distributor. We will then update our records.

#### **If you have questions.**

If you have questions about this notice or need assistance, please contact (*insert your distributor name, address, and telephone number*).

We apologize for any inconvenience this update may cause you.

Sincerely,

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