



Applies To: **2006–07 Civic** – Check the iN VIN status for eligibility  
**2006–08 Civic Hybrid** – Check the iN VIN status for eligibility

June 14, 2013

## Warranty Extension: Uneven or Rapid Rear Tire Wear

NOTE: To make sure that the vehicle is properly repaired, and the customer is properly reimbursed, you must read this entire service bulletin before doing any work.

### BACKGROUND

The rear suspension geometry (camber) on some models may cause uneven or rapid rear tire wear. Tires in an advanced stage of this diagonal or inner-edge wear may vibrate at highway speeds and/or make a roaring noise that sounds like a bad bearing. (See TIRE INSPECTION AND QUALIFICATION for information about wear patterns.)

Because of a pending class action settlement relating to this issue, customers of affected vehicles may qualify to have the rear upper (control) arm replaced at no charge. (See ELIGIBILITY REQUIREMENTS.)

Customers who paid to have the rear upper arms replaced or replaced tires because of premature wear can request reimbursement from American Honda in accordance with the Class Notice. **Claims for reimbursement cannot be processed at dealerships.**

### CUSTOMER NOTIFICATION

Refer customers seeking information about settlement benefits to [www.ControlArmSettlement.com](http://www.ControlArmSettlement.com), or instruct them to call **888-888-3082**.

### CORRECTIVE ACTION

Install a rear upper arm kit, including new flange bolts, and do a four-wheel alignment to the new specification listed in REPAIR PROCEDURE.

### PARTS INFORMATION

NOTE: To help clarify where new parts are used in the REPAIR PROCEDURE, the new part is listed in the applicable step with a ">" symbol.

Rear Upper Arm Kit:

P/N 04523-SNA-A01

Includes:

- Rear Upper Arm (2)
- Flange Bolt (12 x 51 mm) (4)
- Flange Bolt (12 x 95 mm) (2)

### ELIGIBILITY REQUIREMENTS

Do an **iN VIN status inquiry** to make sure the vehicle is shown as eligible.

To determine if the customer is eligible for replacement upper (control) arms, check the following:

- The suspension must not be modified; and
- Tires must not show signs of abuse (for example, racing or other physical damage). Tires with signs of abuse are not covered by this campaign; and
- Tire wear must be diagonal or on the inner edge or the customer must provide written proof demonstrating that the tires previously experienced diagonal or inner edge wear and had to be replaced because of such wear. The R.O. or other tire replacement documentation should indicate the tires were replaced because of diagonal or inner edge wear. Other written examples would include the following or similar phrases:
  - Uneven or rapid rear tire wear
  - A roaring noise from the rear
  - A vibration at highway speeds

### WARRANTY CLAIM INFORMATION

Operation Number: 4190H8

Flat Rate Time: 1.3 hour (includes alignment)

Failed Part: P/N 04523-SNA-A00

Defect Code: 5T700

Symptom Code: JA200

Skill Level: Repair Technician

## DIAGNOSIS

1. Make sure the vehicle's suspension is not modified, and that it has the correct sized tires and wheels (or Honda Genuine accessory wheels, tires, and suspension).

*Are the tires, wheels, and suspension the correct type?*

**Yes** – Go to step 2.

**No** – Disregard this service bulletin, and continue with normal troubleshooting (accident damage, driving habits, alignment, tire pressures, aftermarket modifications, etc.).

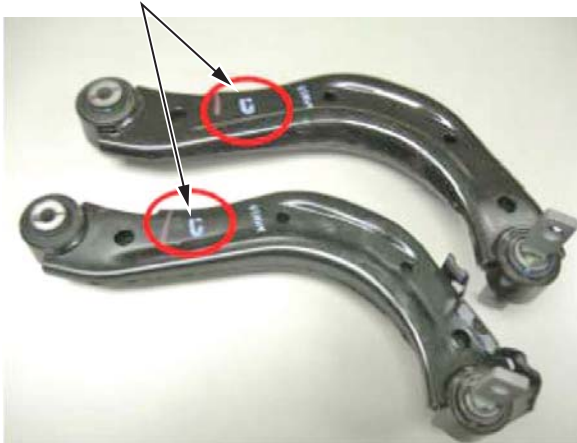
2. Inspect the rear upper arms.

*Do the arms have the letter "C" painted or stamped on them?*

**Yes** – This vehicle already has the revised rear upper arms. Disregard this service bulletin, and continue with normal troubleshooting (accident damage, driving habits, alignment, tire pressures, etc.).

**No** – Go to step 3.

### THE LETTER "C"



3. Inspect the tires and/or the documentation from the customer. Refer to TIRE INSPECTION AND QUALIFICATION.

*Do the tires show diagonal or inner edge wear, or has the customer provided written documentation showing that the tires have experienced diagonal or inner edge wear in the past?*

**Yes** – Go to REPAIR PROCEDURE.

**No** – The wear is not camber related. Disregard this service bulletin, and continue with normal troubleshooting (accident damage, driving habits, alignment, tire pressures, etc.).

## TIRE INSPECTION AND QUALIFICATION

### Diagonal Wear Lines

The tire is no longer round. There are high and low spots on the tire worn in a diagonal pattern across the tread.



The tread is worn diagonally across the tire.

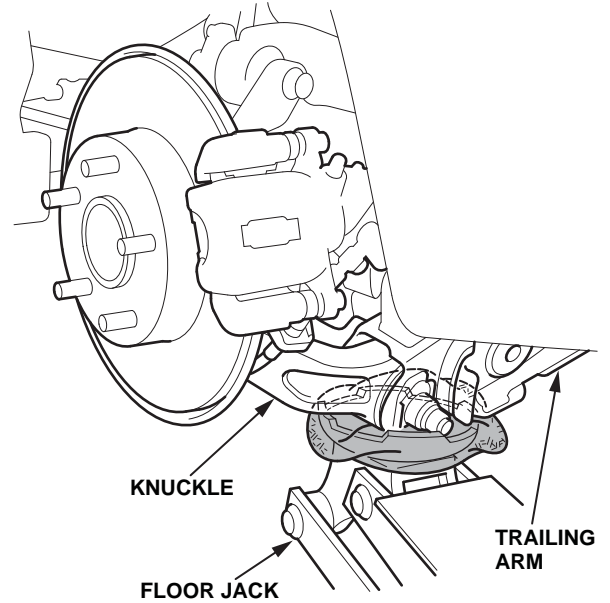
## Inner Edge Tread Wear

The inner edge tread is worn more than the outer edge tread.

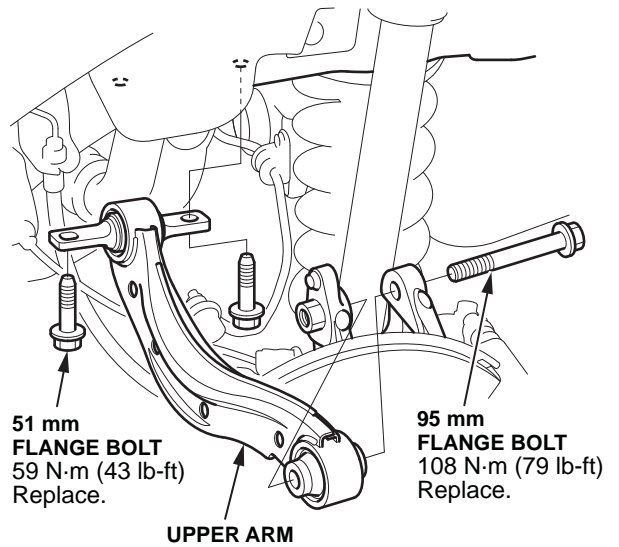


## REPAIR PROCEDURE

1. Raise the vehicle on a lift until the tires are about 6 in. off the ground.
2. Remove the rear wheels.
3. Position a floor jack at the connecting point of the trailing arm and the knuckle. Raise the floor jack until the suspension begins to compress.



4. Remove the two 51 mm flange bolts.



5. Remove the 95 mm flange bolt from the knuckle, and remove the upper arm.

6. Install the replacement upper arm using the new flange bolts.

> Rear Upper Arm

> Flange Bolt (12 x 95 mm)

> Flange Bolt (12 x 51 mm) (2)

- First install all of the components, and lightly tighten the bolts, then raise the suspension to load it with the vehicle's weight before torquing the bolts.
  - Torque the short bolts to **59 N•m (43 lb-ft)**
  - Torque the long bolt to **108 N•m (79 lb-ft)**
- Before installing the wheel, clean the mating surfaces between the brake disc or brake drum and the inside of the wheel.

**NOTE: Make sure you replace the flange bolts.**

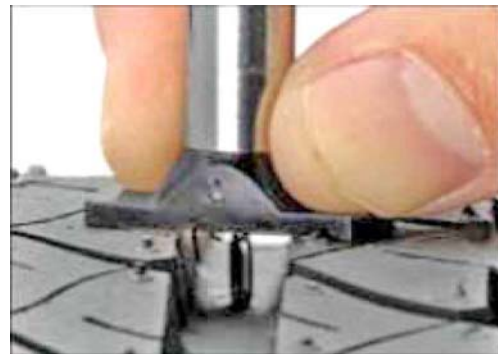
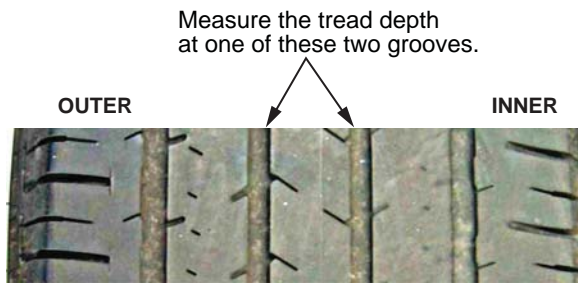
7. Repeat steps 3 through 6 for the other side.

8. If the tires need to be replaced, measure and record the tread depth of the tires on the repair order using a tread depth gauge. Tread depth is measured at one of the grooves closest to the middle of the tire, from the top of the tread blocks to the bottom of the groove (not to the wear bars). If the inner edge of the tire is heavily flat-spotted or bald, use a value of 2/32 in. instead of the actual tread depth.

- If three or four tires have abnormal wear, inform the customer, and ask if they want to mount, balance, and install four new tires subject to potential reimbursement under the terms of the class action.
- If one or two tires have abnormal wear, inform the customer, and ask if they want to mount, balance, and install two new tires subject to potential reimbursement under the terms of the class action.

**NOTE:** Customers must purchase the replacement tires, and any request for reimbursement must be made to American Honda using the process listed

in the Class Notice, which is also available at [www.ControlArmSettlement.com](http://www.ControlArmSettlement.com).



9. Set the tire pressures to the specifications on the driver's doorjamb label.
10. Do a four-wheel alignment using the new rear camber specification listed below:  
**Rear camber specification range:**  
- 0° 45' ± 45'  
**Front toe: 0 mm (+2 mm/-2 mm)**  
**Rear toe: 2 mm (+2 mm/-1 mm)**