



Safety Recall: Left (Driver's Side) Driveshaft

(Supersedes 12-033, dated June 8, 2012, to revise the information marked by the black bars)

REVISION SUMMARY

- An example of the customer letter was added.

BACKGROUND

During manufacturing, a circlip that locks the shaft to the outboard CV joint may not be properly set. If the shaft backs out of the CV joint, the vehicle can't move in any gear, and it may also roll away when the shift lever is in Park without the parking brake set.

CUSTOMER NOTIFICATION

Owners of affected vehicles will receive a notification for this campaign in June 2012. An example of the customer notification is included at the end of this service bulletin.

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

Some vehicles affected by this campaign may be in your used vehicle inventory.

Should a dealership sell an unrepaired vehicle that subsequently causes an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this campaign, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Inspect the outboard CV joint and, if necessary, replace the driveshaft.

PARTS INFORMATION

NOTE: The replacement rate for driveshafts is about 10 percent. Order driveshafts **only** after confirming that a replacement part is needed.

When inspecting a vehicle, you **may** need the following:

Large Clamp: P/N 44317-S6D-E01

CV Joint Grease: P/N 44016-SNE-A01

When replacing the driveshaft assembly, you **must** replace these parts:

Driveshaft Assembly: P/N 44306-TR0-A02

Flange Bolt: P/N 90018-SNA-010

Flange Nut (two required): P/N 90215-SB0-003

Spindle Nut: P/N 90305-692-010

REQUIRED MATERIALS

CV Joint Grease: P/N 44016-SNE-A01

(You will only need the grease if you have to remove the boot to inspect the driveshaft.)

Moly 60 Paste (or equivalent): P/N 08734-0001

TOOL INFORMATION

Boot Holder and Gauge: T/N 07AAJ-TR0A100

WARRANTY CLAIM INFORMATION

OPS#	Description	FRT
2185A2	Inspection 1 – inspect the CV boot only.	0.2
2195A5	Inspection 2 – inspect the CV joint – add	0.2
A	Replace the driveshaft; includes alignment check/adjustment	0.9

Failed Part: 44306-TR0-A02

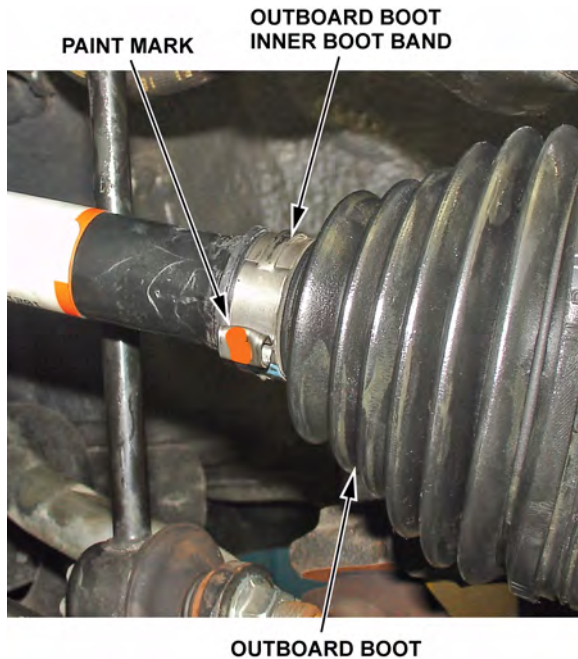
Defect Code: 5GL00

Symptom Code: S4000

Skill Level: Repair Technician

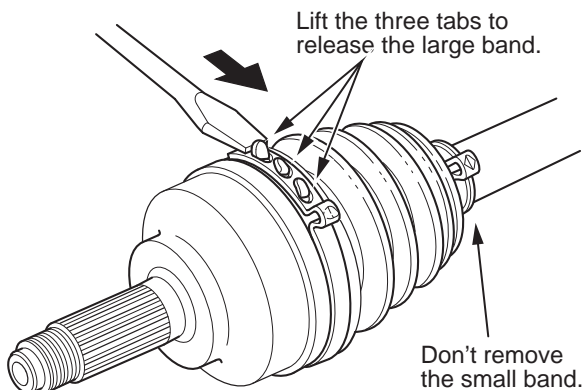
INSPECTION PROCEDURE

1. Raise the vehicle on a lift.
2. Using a shop light, check the small inner CV boot band for an orange paint mark.
 - If an orange paint mark is visible, the vehicle is OK.
 - If the paint mark is not orange, or if you can't determine the color, go to step 3.



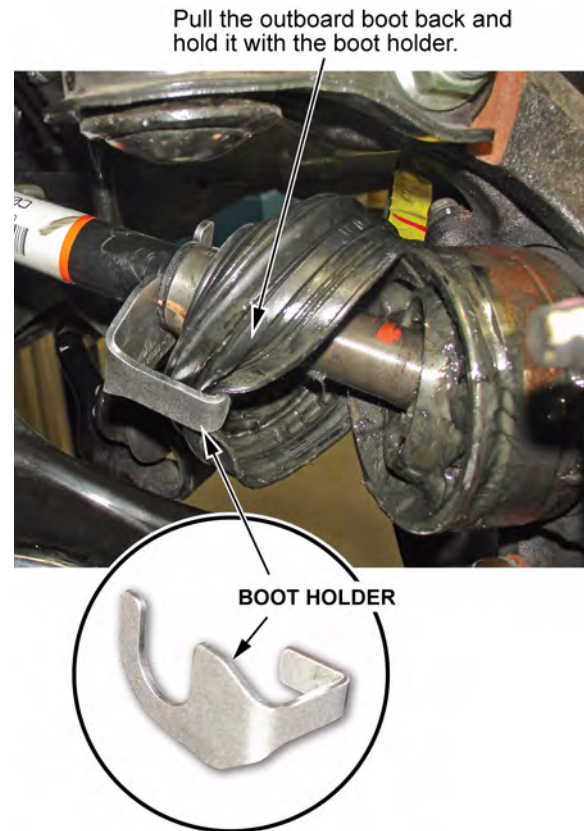
3. Remove the left front wheel.
4. Using a clean shop towel, clean the outboard CV boot and the driveshaft.
5. Lift the three tabs on the large outboard CV boot band with a flat-tip screwdriver. Release the band being careful not to damage the CV boot.

NOTE: Don't remove the small band on the CV boot.



6. Turn the steering wheel all the way to the left full lock position.
7. Carefully slide the CV boot back, and hold it in place with the boot holder.

NOTE: The grease may be in a semi-liquefied state, so make sure you have a container to catch the grease when you pull back the CV boot.



8. Using a popsicle stick, a tongue depressor, or a plastic putty knife, remove as much of the grease as possible from the outboard joint and the inside of the CV boot. Then, use a shop towel to clean the remaining grease from around the driveshaft and the bearing cage until you can see the splines on the driveshaft.

NOTE: Don't use brake cleaner or degreaser to remove the grease as you could damage the rubber boot.

9. There may be some play in the driveshaft. Push and hold the driveshaft all the way toward the front steering knuckle, then insert the gauge.

DRIVESHAFT SPLINES



10. Make sure you are pushing the driveshaft all the way toward the steering knuckle, and using a shop light, check if you can see any shaft splines through the gauge window.

- If there are no splines visible, the driveshaft is OK. Go to step 11 to reinstall the CV boot.
- If splines are visible, go to REPAIR PROCEDURE.

GOOD



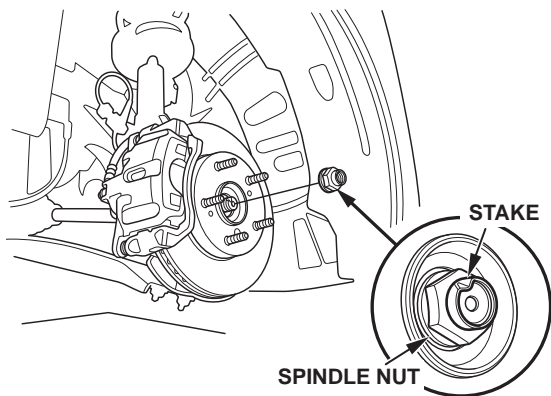
NO GOOD



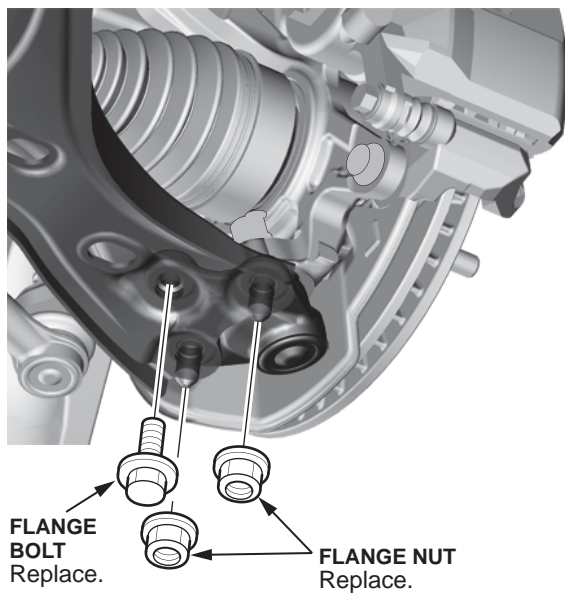
11. Using a package of CV joint grease, pack the CV boot with the grease.
12. Reinstall the CV boot using a new boot band. Wipe away any excess grease from the CV boot and the driveshaft.

REPAIR PROCEDURE

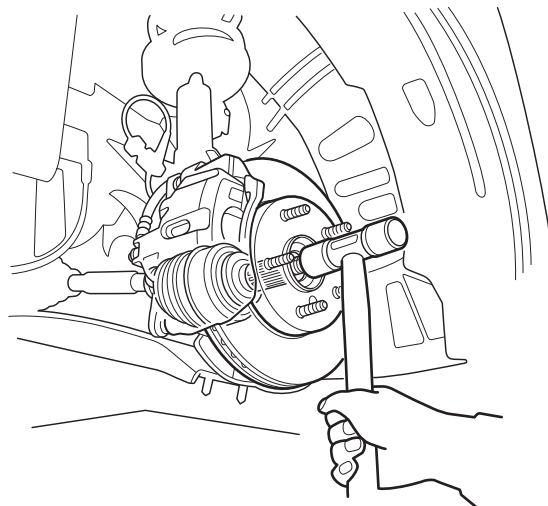
1. Pry up the stake on the spindle nut, and remove the nut.



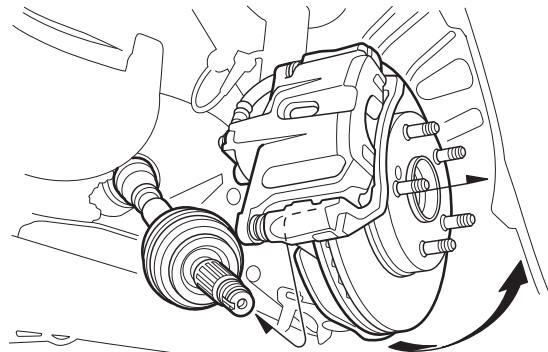
2. Remove the flange bolt and the flange nuts, then disconnect the lower ball joint from the lower suspension arm.



3. Using a soft-faced hammer, separate the outboard joint from the front hub.



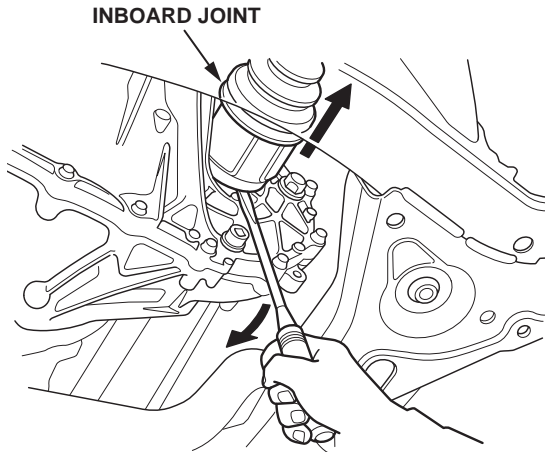
4. Pull the knuckle outward, and separate the outboard joint from the front hub.



5. Pry the inboard joint from the differential using a pry bar.

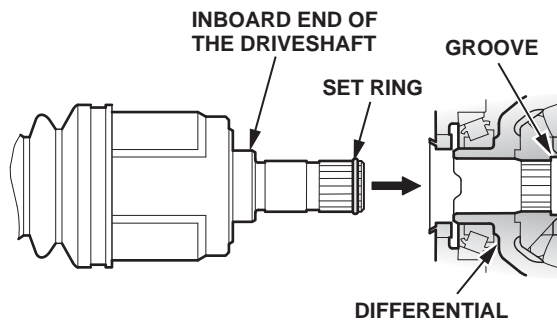
NOTE:

- Do not pull on the driveshaft or the inboard joint may come apart. Pull the inboard joint straight out to avoid damaging the oil seal.
- Be careful not to damage the oil seal when using the pry bar.

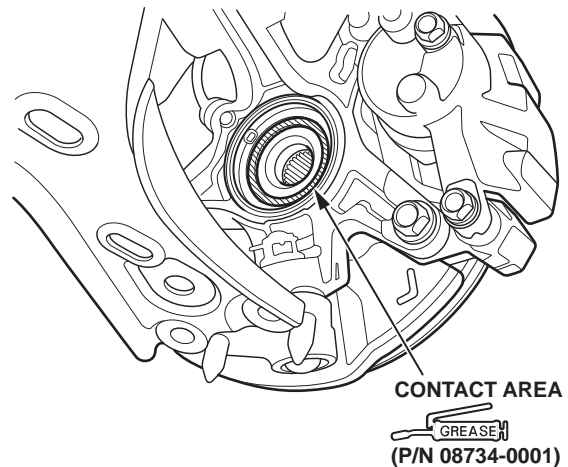


6. Remove the original driveshaft.
7. Remove the protective cap from the new driveshaft.
8. Insert the inboard end of the new driveshaft into the differential until the set ring locks in the groove.

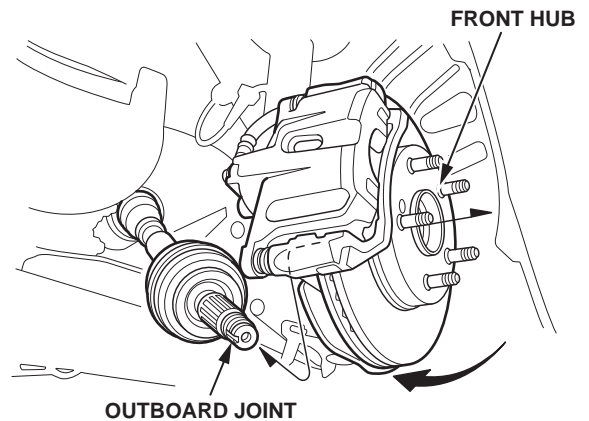
NOTE: Insert the driveshaft horizontally to avoid damaging the oil seal.



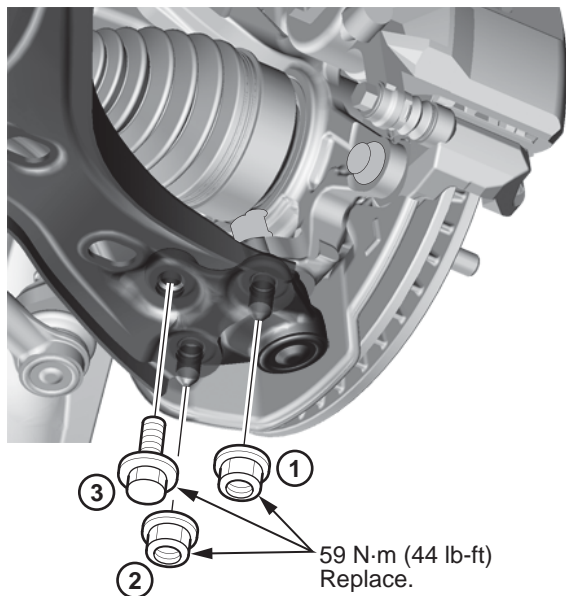
9. Apply about 5 g (0.18 oz) of Moly 60 paste (or equivalent) to the contact area of the outboard joint and the front wheel bearing to help reduce noise and vibration.



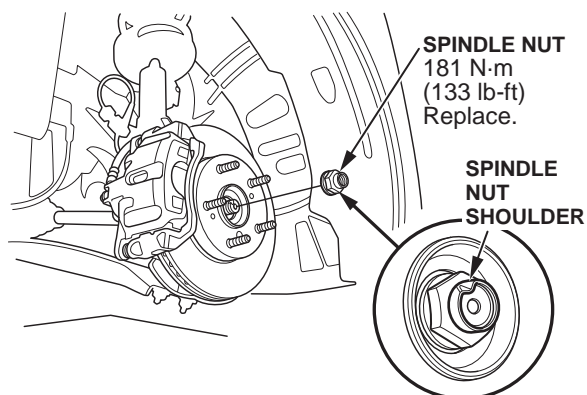
10. Install the outboard joint into the front hub on the knuckle.



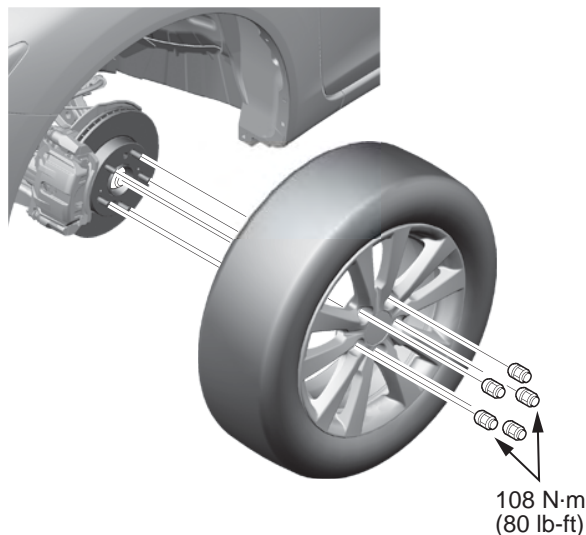
11. Connect the lower ball joint to the lower arm, install the new nuts and the new flange bolt, and torque them to **59 N·m (44 lb-ft)** in the sequence shown.



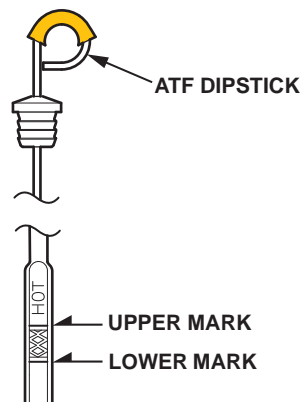
12. Apply a small amount of engine oil to the seating surface of the new spindle nut, torque the nut to **181 N·m (133 lb-ft)**, and stake it.



13. Clean the mating surfaces between the brake disc and the inside of the wheel, then install the wheel. Torque the wheel nuts to **108 N·m (80 lb-ft)**.



14. Turn the wheel by hand, and make sure there is no interference between the driveshaft and the surrounding parts.
15. Lower the vehicle, and check the ATF dipstick to make sure the fluid level is between the upper and lower mark on the dipstick. If it isn't, add ATF.



16. Check the vehicle alignment, and adjust it if necessary.

Example of Customer Letter

June 2012

**Safety Recall: Left (Driver's Side) Driveshaft –
NHTSA Recall 12V-256**

Dear Honda Civic Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

What is the reason for this notice?

Honda has decided that a defect which relates to motor vehicle safety exists in certain 2012 model year Civic vehicles. There is a possibility that the left (driver's side) driveshaft may detach from the vehicle's constant-velocity (CV) joint. If the driveshaft separates from the joint, the vehicle will not move in any gear or may roll with the gear selector in the Park position if the parking brake is not set. Loss of motive power or unexpected vehicle movement increases the risk of a crash or personal injury.

What should you do?

Call any authorized Honda dealer and make an appointment to have your vehicle inspected and, if necessary, the driveshaft replaced **at no cost to you**. The inspection may be completed in approximately 24 minutes, and if replacement of the driveshaft is necessary, the total time to perform the inspection and replacement is approximately 78 minutes; however, your vehicle will need to be at the dealer for a longer period of time. We recommend that you plan to leave your vehicle for half a day to allow the dealer flexibility in scheduling.

Who to contact if you experience problems?

If you are not satisfied with the service you receive from your Honda dealer, you may write to:

American Honda Motor Co., Inc.
Honda Automobile Customer Service
Mail Stop 500-2N-7A
1919 Torrance Blvd.
Torrance, CA 90501-2746

If you believe that American Honda or the dealer has failed or is unable to remedy the defect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Ave., SE
Washington, DC 20590

Or call the toll-free Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

Lessor Information

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you have questions

If you have any questions about this notice, or need assistance with contacting a Honda dealer, please call Honda Automobile Customer Service at 1-800-999-1009, and select option 4. You can also locate a dealer online at HondaCars.com.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

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