

**Knock, Pop, or Squeak From the Front Suspension****(Replaces 03-039, dated July 2003. NOTE: Replace English version only, Spanish version is correct.)****SYMPTOM**

A knock, pop, or squeak noise comes from the front of the car. The noise occurs when driving over rough surfaces.

PROBABLE CAUSE

Cracking or tearing of the front compliance bushing (lower control arm bushing).

CORRECTIVE ACTION

Replace the defective front compliance bushing(s).

TOOL INFORMATION

Ball Joint Remover, 28 mm:
T/N 07MAC-SL00200

Compliance Bushing Driver:
T/N 07AAF-S5AA100

Compliance Bushing Receiver Set:
T/N 07AAF-S5AA200

Order tools using normal parts ordering procedures.

PARTS INFORMATION

Castle Nut Lock Pin:
P/N 90701-SX0-003

Front Compliance Bushing:
P/N 51391-S5A-024

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
416107	Remove the lower control arm, replace the compliance bushing, and align	1.2
A	Replace both front compliance bushings, add	0.6

Failed Part: P/N 51391-S5A-024

Defect Code: 042

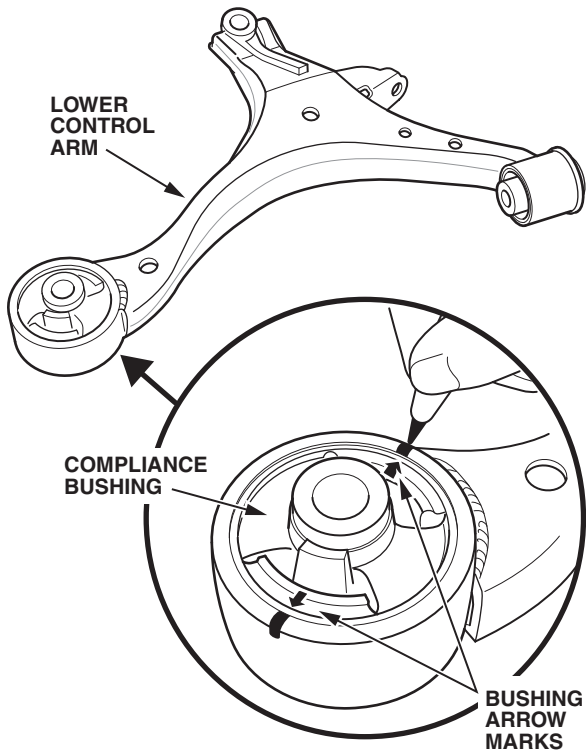
Contention Code: B07

REPAIR PROCEDURE

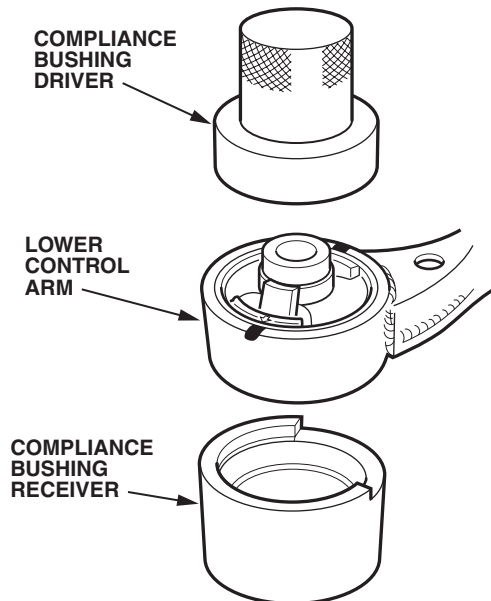
1. Raise the vehicle on a hoist, and remove the front wheel from the appropriate side of the vehicle.
2. Remove the lower control arm from the vehicle. Refer to the 2001–03 Civic Shop Manual.

NOTE: When removing the ball joint, use special tool 07MAC-SL00200. Do not use a hammer to loosen the ball joint.

3. Mark the positioning of the arrows on the old compliance bushing onto the lower control arm.

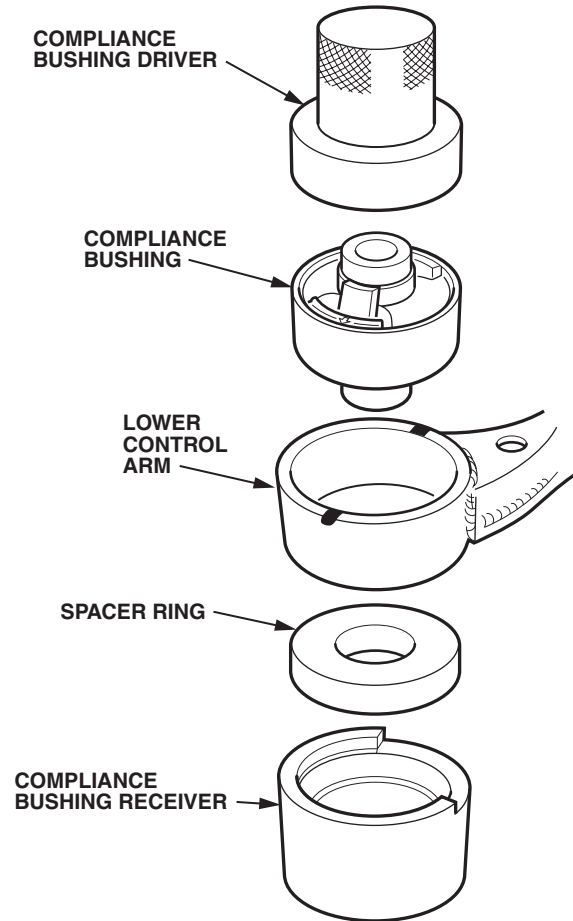


4. Use a hydraulic press and compliance bushing driver and receiver, remove the old compliance bushing. Discard the bushing.



5. Clean the inside of the compliance bushing mating surface on the lower control arm.

6. Align the arrow marks on the new compliance bushing to the marks you made on the lower control arm. Use the hydraulic press and compliance bushing driver and receiver set to press the bushing into the arm. The bushing will stop when it contacts the spacer ring of the receiver set.



7. Reinstall the lower control arm onto the vehicle. Refer to the shop manual.
8. Check the wheel alignment, and adjust it if necessary.