

## Front Suspension Noise

### SYMPTOM

A squeaking noise (a dry rubber-like sound) coming from the front suspension, usually heard when driving through dips or over potholes.

### PROBABLE CAUSE

The second coil of the damper spring contacts and rubs against the urethane silencer tube on the first coil.

### CORRECTIVE ACTION

Install spring silencer tubes on the second coil of the damper springs. If the silencer tube does not eliminate the noise, replace the damper assembly.

NOTE: Do not file or grind on the ends of the springs in an attempt to eliminate the noise. Doing so could cause rust and corrosion on the spring and damper assembly.

### REQUIRED MATERIALS

Scotch Filament Tape (No. 893) 12 mm:  
3/M P/N 051131-06937

### PARTS INFORMATION

Spring Silencer Tube: P/N 52442-S0X-A01  
Front Damper Assembly: *Refer to your parts catalog.*

### WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
415137	Install spring silencer tubes	0.3
414125	Replace <i>one</i> front damper assembly	0.5
416340	Front wheel alignment	0.6

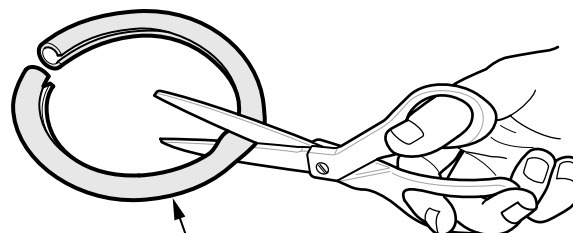
Failed Part: 51401-S5A-K13

Defect Code: 042

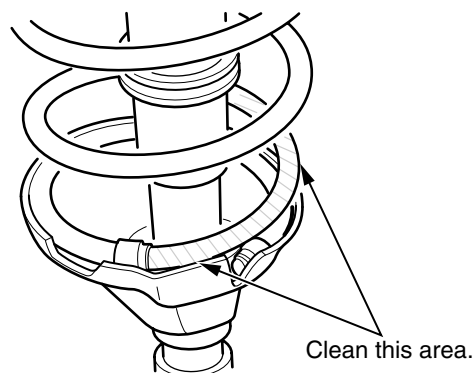
Contention Code: B99

### REPAIR PROCEDURE

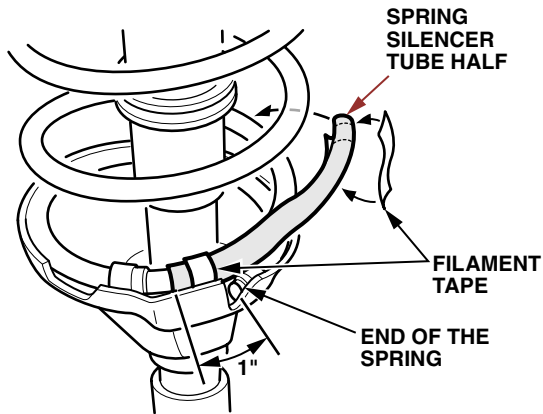
1. Raise the vehicle on a lift, and turn the wheels all the way to the right.
2. Cut the spring silencer tube in half with a utility knife or scissors.



3. Wipe off the lower section of the damper spring with a shop towel, then clean the same section with isopropyl alcohol.



4. Install one half of the spring silencer tube over the second coil about 25 mm (1 inch) past the end of the spring.



5. Wrap filament tape (see REQUIRED MATERIALS) around both ends of the spring silencer tube.
6. Repeat steps 3 thru 5 for the other damper spring.
7. Test-drive the vehicle through a dip or over a pothole. If the noise still exists, replace the damper assembly that makes noise.
8. If you replaced the damper(s), check the front wheel alignment, and adjust it if necessary.