

<b>Subject:</b>  <b>NOISE FROM FRONT STRUT AREA</b>	<b>Bulletin No:</b> 02-003/09
	<b>Last Issued:</b> 05/07/2009

## APPLICABLE MODEL(S)/VINS

2001-2006 and 2008-2009 Tribute

2008-2009 Tribute Hybrid

## DESCRIPTION

Some vehicles may exhibit a pop, rub, grunt, squeak, and/or creak noise from the front strut area during slow, lock-to-lock turns such as parking maneuvers. Vehicles built before Jan. 13, 2009 may also exhibit a clunk, crunch, thump, and/or knocking noise from the front strut area while driving over a series of bumps and/or rough roads.

Customers having this concern should have their vehicle repaired using the following repair procedure.

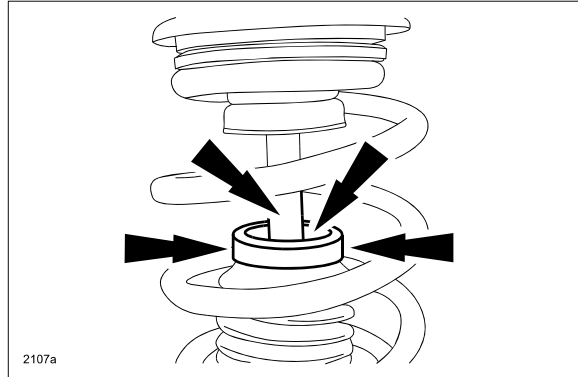
## REPAIR PROCEDURE

1. Using chassis ears on front strut mounts, inspect for a pop, rub, grunt, squeak, creak, clunk, crunch, thump, and/or knocking noise from front strut area during slow parking lot type maneuvers

Inspection Result	Action Needed
No noise present	Procedure does not apply, proceed with normal Workshop Manual diagnostics.
Yes, noise present on turns	Boot may be binding, Proceed to Step 2, "Dust Boot Greasing" procedure.
Yes, noise present over bumps - (vehicle was built ON or BEFORE 1/13/09)	Proceed to Step 3, "Dust Boot Replacement" procedure and install a new dust boot designed for this concern.
Yes, noise present over bumps - (vehicle was built AFTER 1/13/09)	Procedure does not apply. Proceed with normal Workshop Manual diagnostics.

2. Dust Boot Greasing Procedure:
  - a. Safely raise vehicle on hoist.
  - b. Reach through spring and pull strut dust boot and jounce bumper assembly straight down, out of upper spring seat.

- c. Apply locally sourced Silicone Brake Caliper Grease and Dielectric Compound.



- (1) Apply to entire length of chrome strut rod above jounce bumper and 360 degrees around rod.
  - (2) Apply to top and sides of uppermost part of dust cover.
  - d. Raise dust cover so that jounce bumper is accessible and apply 360 degrees to jounce bumper itself.
  - e. Slide dust cover and jounce bumper upward into its original location on strut.
  - f. Repeat procedure on other side of vehicle.
3. Dust Boot Replacement Procedure (vehicles built ON or BEFORE 1/13/2009):
- a. Remove front strut according to MS3 online instructions or Workshop Manual (section 02-13 STRUT AND SPRING - FRONT REMOVAL/INSTALLATION).
  - b. Disassemble front strut and replace dust boot with new part.
  - c. Apply Silicone Brake Caliper Grease and Dielectric Compound.
    - (1) Apply to entire length of chrome strut rod above jounce bumper and 360 degrees around rod.
    - (2) Apply to top and sides of uppermost part of dust boot.
  - d. Assemble front strut and install according to MS3 online instructions or Workshop Manual (section 02-13 STRUT AND SPRING - FRONT REMOVAL/INSTALLATION).
  - e. Repeat procedure on other side of vehicle.
4. Verify repair.

**PART(S) INFORMATION**

Part Number	Description	Qty.
ZZD0-34-0A5	Front Strut Dust Boot	1

## WARRANTY INFORMATION

**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

	Apply Grease Only	Front Strut Dust Boot Replacement / Apply Grease
Warranty Type	A	A
Symptom Code	82	82
Damage Code	9A	9A
Part Number Main Cause	ZZD0-34-0A5	ZZD0-34-0A5
Quantity	0	1
Operation Number / Labor Hours:	YY577XRX / 0.7 Hrs. (Includes noise evaluation road test with chassis ears)	YY578XRX / 1.5 Hrs. (Includes noise evaluation road test with chassis ears)

	Check Camber Caster & Toe-In	Correct Camber Caster & Toe-In
Warranty Type	A	A
Symptom Code	82	82
Damage Code	9A	9A
Part Number Main Cause	ZZD0-34-0A5	ZZD0-34-0A5
Quantity	0	0
Operation Number / Labor Hours:	YY579XRX / 0.6 Hrs.	YY580XRX / 0.6 Hrs.