

Safety Recall Notice Service Bulletin 36144

March 2010

Trailing Arm Inspection and Reinforcement
Plate Retrofit Instructions
Applicable for 2005-2008 GM Entervan®
Lowered Floor Conversions



⚠ CAUTION

Inspect trailing arm welds and repair as specified in this bulletin if required. Failure to do so may result in property damage.

Introduction: Modified trailing arm weldments are located forward of the rear wheels. The trailing arm weldments must be inspected by a Braun approved technician.

Inspect the weld identified below in Photos A and B (remove debris and undercoating from weld area). There must be solid penetrating

welds where identified. Missing or questionable welds must be repaired and/or replaced by a certified welder.

A Braun-supplied reinforcement plate must be welded to the inside of the trailing arm if a problem weld is detected. Procedures are typical for both sides (driver side shown).

Inspection

1. Remove rear wheel.

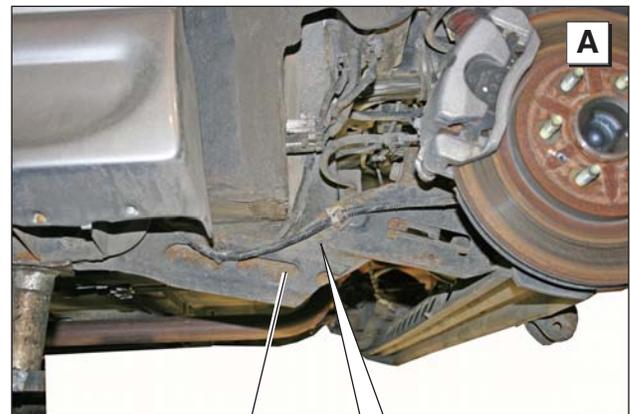
2. Inspect trailing arm weld identified in Photos A and B. Remove debris and undercoating from weld area.

Ensure the presence of the weld and verify the weld is free of cracks.

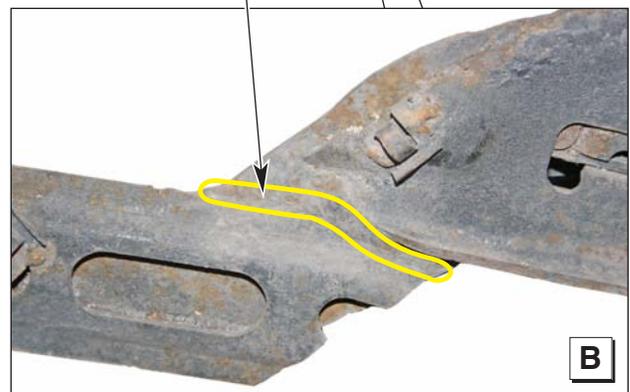
If the weld is present and free of cracks, no further action is required. Apply undercoating and install rear wheel.

If the weld is missing or cracked proceed to Step 3.

Repeat procedures on opposite side.



Trailing Arm
Inspect this Weld



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Resecurement - Welding - Outside

3. Disconnect vehicle battery.

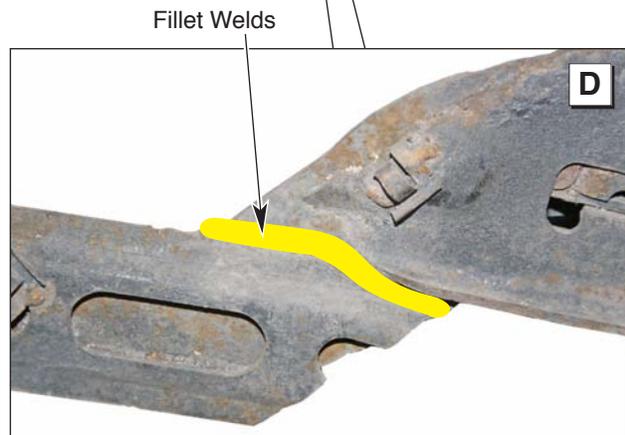
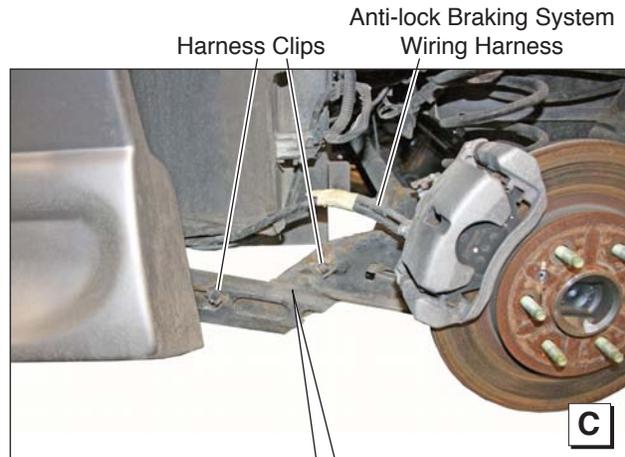
Shield fuel system components before grinding or welding.

4. Remove anti-lock braking system wiring harness from securement clips and secure harness clear of the trailing arm. See Photo C.

Remove under coating and seam sealer from the weld areas. Remove questionable weld(s). Ensure surfaces to be welded are free of weld slag and grinding debris.

5. Apply penetrating fillet welds along the edges of brackets as shown in Photo D.

Proceed with reinforcement bracket retrofit.



Weld Highlighted in Yellow

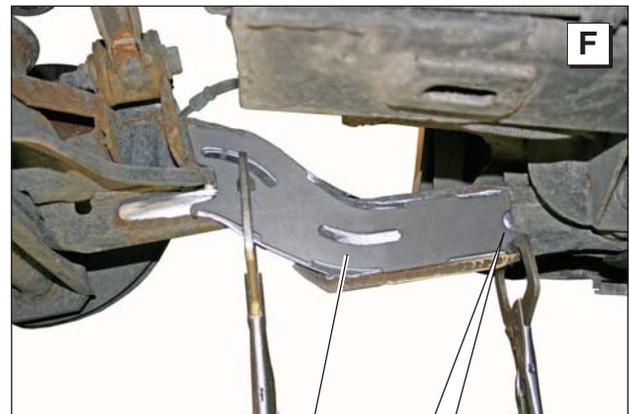
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Reinforcement Plate Retrofit - Inside



Inside of
Trailing Arm

6. Clean surface on inside of trailing arm (remove any debris, undercoating, or rust). See Photo E.



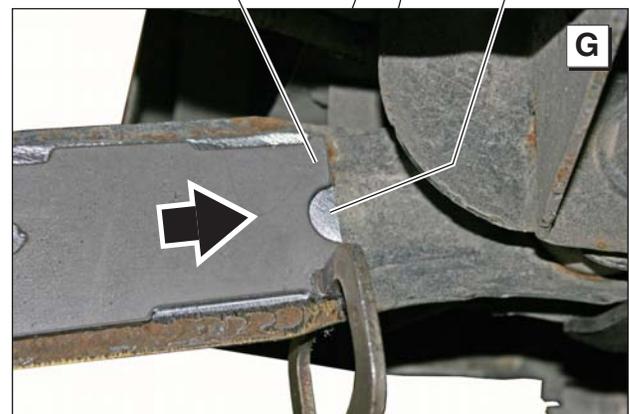
Reinforcement
Plate

7. Center reinforcement plate on inside of trailing arm with the forward end of reinforcement plate flush with forward end of trailing arm. See Photos F and G.

Reinforcement Plate
Forward End

Trailing Arm
Forward End

Weld reinforcement plate as shown in Photos H and I on page 4.



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Reinforcement Plate Retrofit - Inside

9. Weld reinforcement plate as shown in Photos H and I. Yellow areas in Photo H indicate weld locations.
10. Clean affected surfaces (be sure welding and grinding debris is removed). Apply under coating thoroughly over affected areas.
11. Place anti-lock braking system wiring harness in securement clips. See Photo C.
12. Mount tire and wheel assembly. Tighten securely (follow OEM manual procedures).
13. Repeat process on opposite side.
14. Connect vehicle battery.

