

GM 88-98 Street Scraper Installation Instructions

GM88-98 STREET SCRAPER PARTS LIST

- FRAME SECTION (2)
- UPPER BAG CROSSMEMBER (1)
- GAS TANK CROSSMEMBER SECTION(1)
- DIFFERENTIAL BRACKET (5 PIECES)(1)
- UPPER LINK BARS (2)
- LOWER LINK BARS (2)
- AXLE CROSSMEMBER (1)
- TRIPLE 2600lb AIRBAG (2)
- LOOP to LOOP SHOCKS (2)

WARNING

DO NOT EXCEED THE MANUFACTURER'S RECOMMENDED GROSS VEHICLE WEIGHT RATING (GVWR).

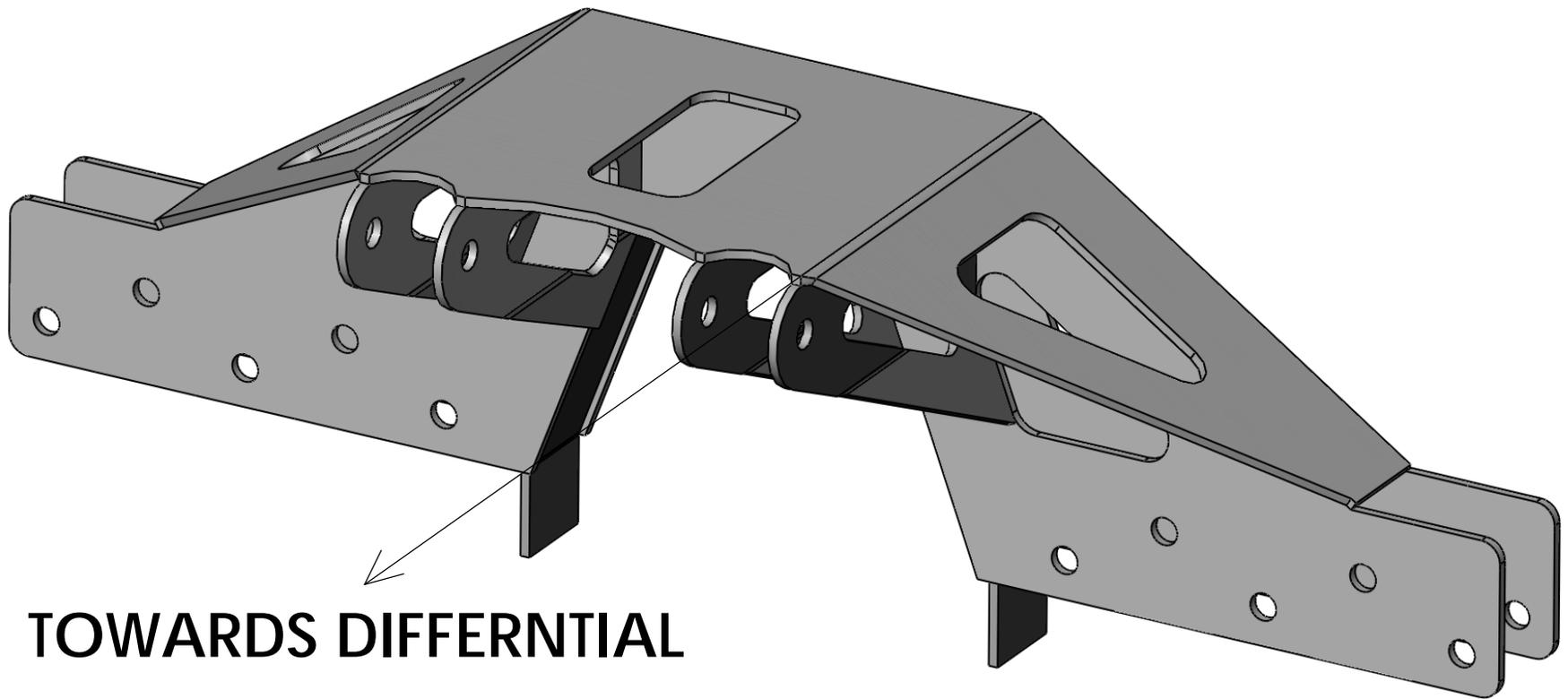
As in any suspension installation, it is the installer's responsibility to assure a correct installation. The installer is also responsible for providing adequate clearances between vehicle components such as axles, shocks, exhaust and mechanical linkages to ensure a safe and reliable installation.

1. Remove truck bed
2. Chalk front tires to ensure truck does not roll.
3. Jack rear of truck up at FRAME RAIL and secure with jack stand at REAREND. Duplicate on both sides. Remove wheels, shocks, sway bar and mounts. When finished rear of truck should be suspended by 2 jack stands on axle with wheels removed and suspension STILL INTACT.
4. Using FRAME SECTION as guide, place FRAME SECTION next to outside of truck frame rail to check for clearances of rivets, tabs, and brackets etc. that will impede the FRAME SECTION from sliding onto frame rail.
5. Remove and/or relocate any rivets, tabs, brackets etc.
6. Slide FRAME SECTION over frame rail into place, it will be a tight fit and usually will need help with a mallet to knock onto frame rail.
7. Repeat steps 4 through 6 on opposite side.
8. With FRAME SECTION in place mount UPPER BAG CROSSMEMBER to rear of notch. Loosely bolt REAR CROSSMEMBER in place to allow movement.
9. Unbolt and drop down gas tank.
10. Insert GAS TANK CROSSMEMBER SECTION into factory crossmember and center it in between the frame rails.

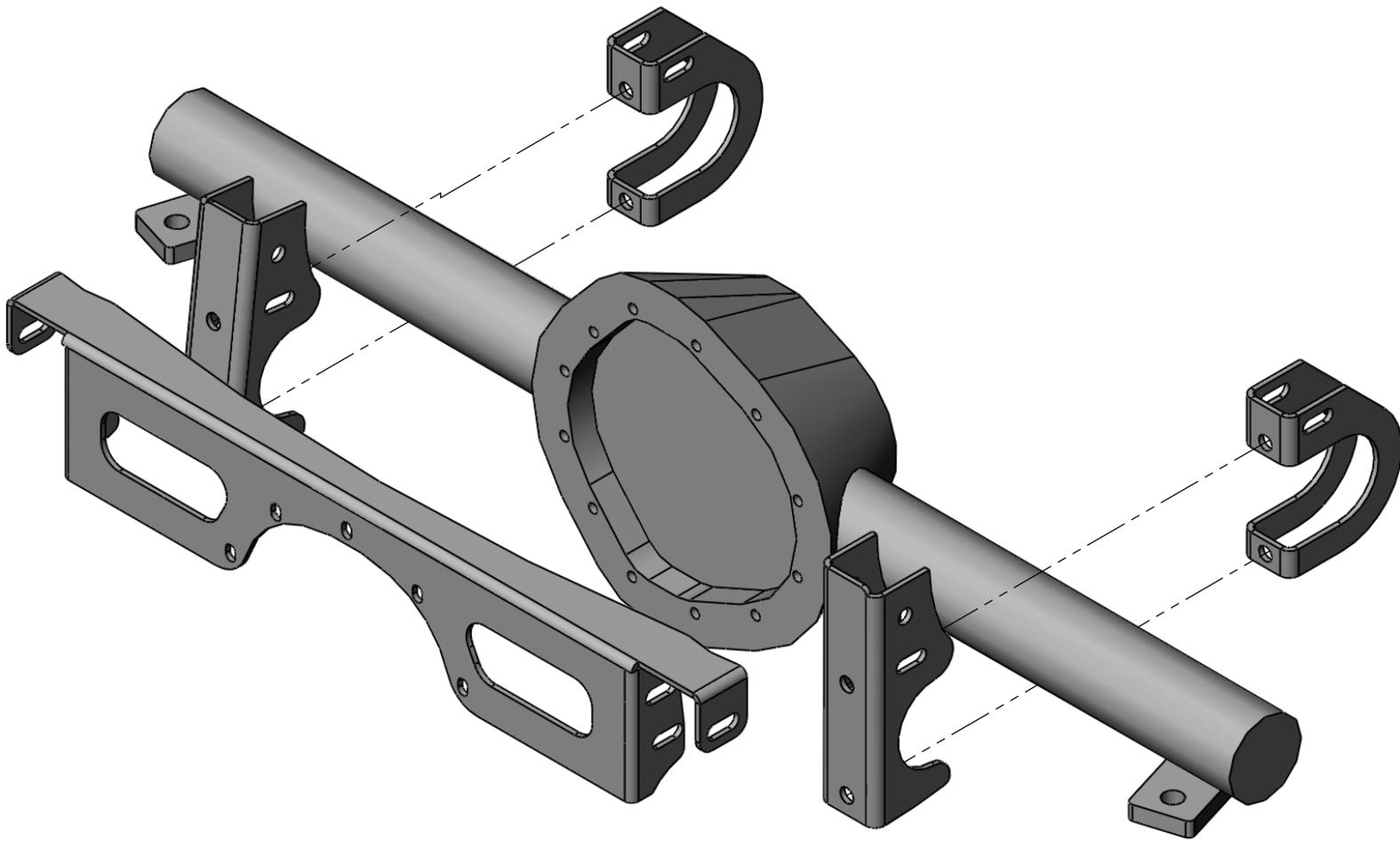
11. Mark bottom of factory crossmember and bolt holes.
12. Remove a small section to allow the GAS TANK CROSSMEMBER SECTION to sit completely down in the factory crossmember.
13. Drill mounting holes for GAS TANK CROSSMEMBER SECTION.
14. Loosely bolt GAS TANK CROSSMEMBER to factory gas tank crossmember.
15. Using holes in FRAME SECTIONS as guides, drill mounting holes in factory frame.
16. Bolt FRAME SECTIONS to factory frame rail.
17. Remove the factory diff cover. Gear oil will drain and should be captured in a drain pan for future reference.
18. Grind lip off of the diff cover so the DIFFERENTIAL BRACKET will sit tight against the diff cover.
19. Reinstall the diff cover onto the axle without the top 5 mounting bolts.
20. Mount the DIFFERENTIAL BRACKET onto the axle as shown in attached images. Do not tighten hardware until all DIFFERENTIAL BRACKETS are installed.
21. Using manufacturers recommended procedures, refill differential to recommended levels with recommended oil.
22. Using floor jack raise rear of truck with floor jack at differential (use rag to protect exposed DIFFERENTIAL BRACKET edges to prevent damage) and relocate jack stands to support rear of truck at frame rails. Unload leaf springs by lowering axle to full droop with floor jack still supporting differential. Support axle to prevent teetering when unbolted from leafs.
23. Unbolt leaf springs from axle, front leaf spring hanger and rear shackle. Remove leaf springs
24. Mount UPPER LINK BARS from GAS TANK CROSSMEMBER SECTION to DIFFERENTIAL BRACKET.
25. Remove front leaf spring hangers by grinding, drilling or cutting rivets.
26. Mount AXLE CROSSMEMBER with the bag mounts facing towards the rear of the truck.
27. Mount LOWER LINK BARS from the AXLE CROSSMEMBER to the FRAME SECTIONS.
28. With all mounting hardware tightened on the FRAME SECTIONS and GAS TANK CROSSMEMBER SECTIONS cut out factory frame pieces inside of notch directly over axle.
29. Remount gas tank to gas tank crossmember.
30. Using floor jack raise axle and bolt shocks from AXLE CROSSMEMBER to UPPER BAG CROSSMEMBER
31. Install air fitting on airbag and mount air bag to UPPER BAG CROSSMEMBER and AXLE CROSSMEMBER.
32. Start at the front of the Street Scraper and work back double checking all hardware.
33. Remount wheels.
34. Using floor jack raise rear of truck and remove jack stands. Lower down truck.
35. Add and remove air to bags and articulate suspension.

36. Adjust pinion angle to factory specs at ride height with adjustable end joints on UPPER LINK BARS and LOWER LINK BARS.
37. Using bed mounts as reference points, measure and cutout bed floor to clear street scraper and remount bed.
38. Check bed for weak points in bed and bed sides needing reinforcement due to bed being cut. Reinforce these points as necessary.
39. Recheck hardware after 100 miles.

GAS TANK CROSSMEMBER SECTION



TOWARDS DIFFERENTIAL



Upper Link Bar

Upper Link Bar

