



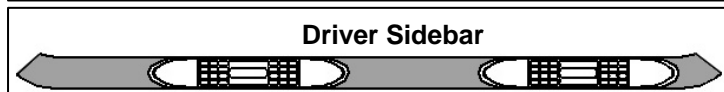
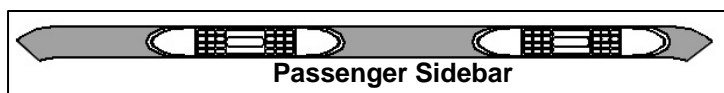
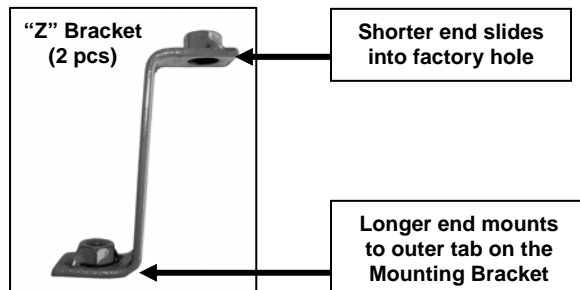
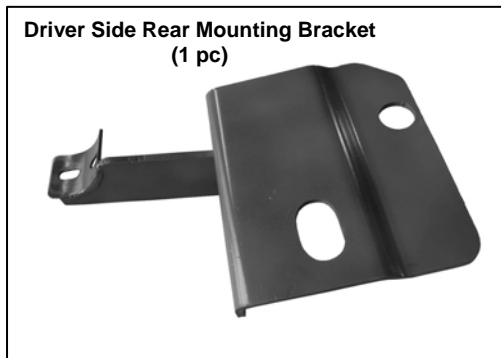
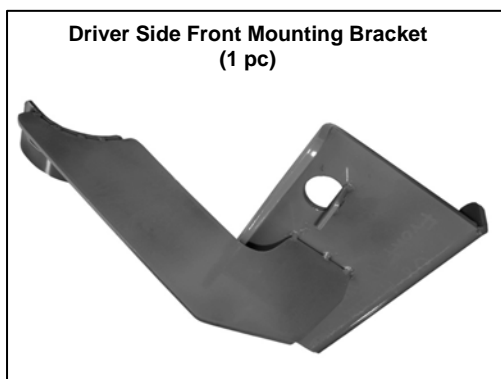
## INSTALLATION INSTRUCTIONS

SIDEBAR PART # 224031 / S224031-2

07-10 GMC ACADIA, 07-10 CHEVROLET TRAVERSE, 07-09 SATURN OUTLOOK

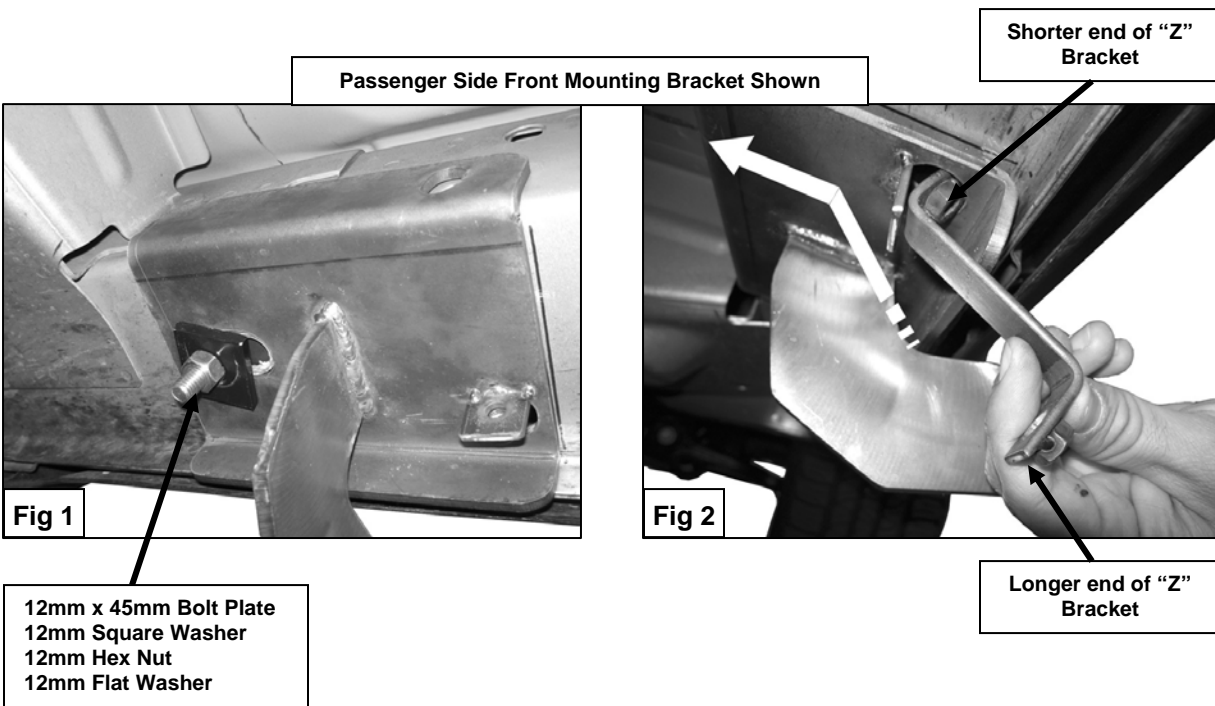
### PARTS LIST:

1	Driver/Left Sidebar	12	8-1.25mm x 25mm Hex Head Bolts
1	Passenger/Right Sidebar	10	8mm Lock Washers
1	Driver/Left Front Mounting Bracket	10	8mm ID x 22mm OD x 1.5mm Flat Washers
1	Passenger/Right Front Mounting Bracket	6	12mm Square Washers
1	Driver/Left Rear Mounting Bracket	6	12mm Lock Washers
1	Passenger/Right Rear Mounting Bracket	6	12mm Hex Nuts
2	8mm "Z" Brackets	6	12-1.75mm x 45mm Bolt Plates
		6	12mm ID x 29mm OD x 3mm Flat Washers

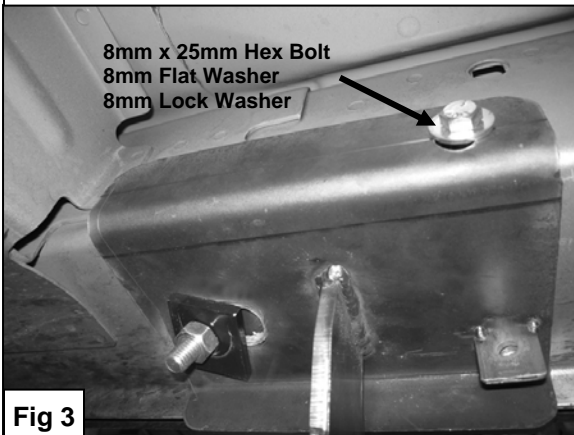


## PROCEDURE:

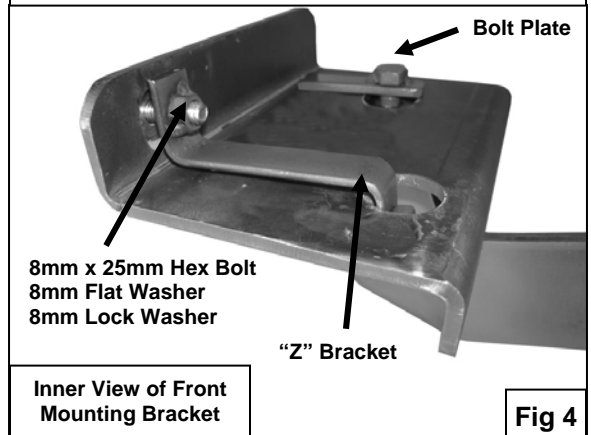
1. **REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.**
2. On the passenger side, locate the three factory holes on the floor panel rail towards the front of the vehicle. There is an oval and a round factory hole on the bottom floor panel rail and a round factory hole on the side of the floor panel rail.
3. Insert (1) 12mm x 45mm Bolt Plate into the slotted factory hole (**Figure 1**). **NOTE:** Do not center the Bolt Plate in the factory hole, the shorter end of Bolt Plate should be pushed to one side of the factory hole in order to fully engage.
4. Position passenger side front Mounting Bracket up to the vehicle and over already inserted Bolt Plate. **NOTE:** The hole pattern on the Mounting Bracket matches the hole pattern on the vehicle. Partially hang Mounting Bracket to Bolt plate using the included (1) 12mm Hex Nut and (1) 12mm Square Washer (**Figure 1**).
5. Insert the shorter end facing up of a "Z" Bracket through the bottom rounded hole in Mounting Bracket and through factory hole located on the bottom of the floor panel rail. Orient "Z" Bracket to the factory hole located on the side of the floor panel rail (**Figure 2**).
6. Secure the side of the Mounting Bracket to the side of the floor panel rail using the included (1) 8mm x 25mm Hex Head Bolt, (1) 8mm Lock Washer, and (1) 8mm Flat Washer (**Figure 3 & 4**). Hand tighten at this time.
7. Attach the opposite end of "Z" Bracket to the tab on the Mounting Bracket using the included (1) 8mm x 25mm Hex Head Bolt (**Figure 4 & 5**). Hand tighten at this time.
8. Locate the slotted and the rounded hole towards the rear of the floor panel rail. **NOTE:** There are three round holes towards the rear of the floor panel rail, two large and a small one. Use the larger hole towards the front of the vehicle. Insert (1) 12mm x 45mm Bolt Plate into each of the factory holes (**Figure 6**). **NOTE:** Do not center the Bolt Plate in the factory hole, the shorter end of Bolt Plate should be pushed to one side of the factory hole in order to fully engage.
9. Position passenger side Rear Mounting Bracket up to the vehicle and over the already inserted Bolt Plates. Partially hang Mounting Bracket to Bolt Plates using the included (2) 12mm Square Washers and (2) 12mm Hex Nuts (**Figure 7**). Hand tighten at this time.
10. Position passenger Sidebar onto Mounting Brackets. Attach Sidebar to Mounting Brackets using the included (4) 8mm x 25mm Hex Head Bolts, (4) 8mm Lock Washers, and (4) 8mm Flat Washers (**Figure 8**).
11. Level and adjust Sidebar properly; and then tighten all hardware at this time. **IMPORTANT!** Do not move the Mounting Brackets too much when adjusting the Sidebar; this may cause Bolt Plates to disengage.
12. Repeat steps 2 – 13 for driver Sidebar.
13. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



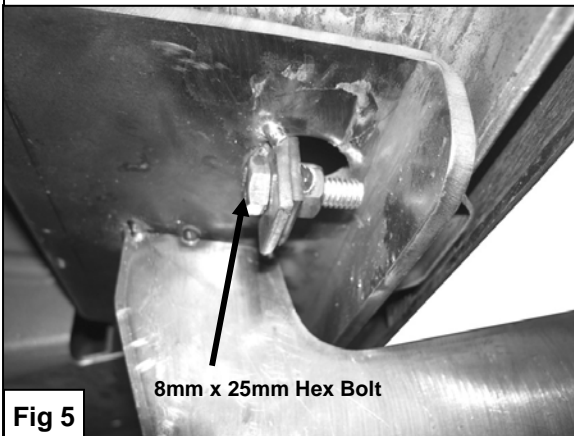
Passenger Side Front Mounting Bracket Shown



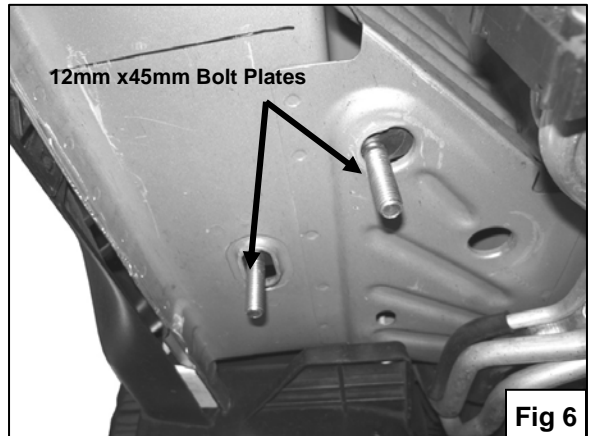
Driver Side Front Mounting Bracket Shown



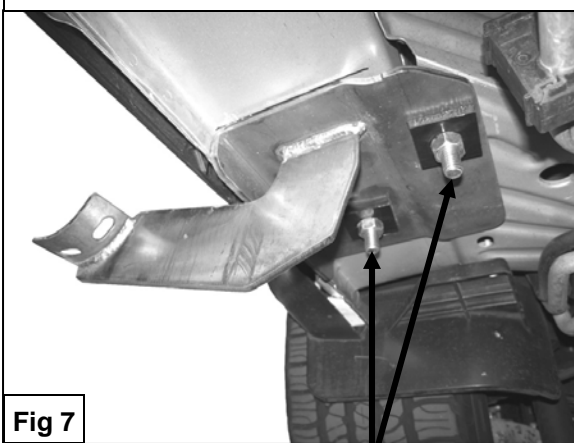
Driver Side Front Mounting Bracket Shown



12mm x45mm Bolt Plates



Passenger Side Rear Mounting Bracket Shown



# INSTALLATION ALERT

General Motors has made changes to their late model 2010 and 2012 Chevrolet Silverado and GMC Sierra Light Duty and Heavy Duty Trucks and these changes affect the installation of our Side Bars.

Currently, all Side Bars manufactured for GM trucks use the factory body mount bolts to attach the bars and brackets to the truck. In years past, GM used a fixed nut that was welded in place to the chassis of the truck. Starting late 2010, GM has now gone to a loose nut that is surrounded by a "Cage Nut" which has two tabs on either side of the nut to keep it from loosening. Along with this cage nut, GM is also using Heavy Duty Loc-tite on the Body Mount Bolts for added protection.

Due to this change, Aries is recommending **EXTREME CARE** when removing the factory body mount bolts from these trucks. **Loosen and re-tighten all body mount bolts by hand! DO NOT use Impact Tools of any kind!** If bolts become increasingly tight as you are loosening them you may need to retighten & loosen the bolt several times to clear the loc-tite from the threads. Failure to follow this instruction could cause the body mount bolts to seize and the tabs of the 'Cage Nut' to bend allowing the nut to spin freely inside Chassis floor board!

Most of clients have been installing the existing side bar applications on these new trucks with no issues, but please be sure to follow our recommendation to prevent any installation issues. If you have any questions, please feel free to call our Customer Service Department at 888-800-2743.

