



**TEL: 1-866-XANATOS**

# **INSTALLATION INSTRUCTIONS**

**PART # BB141003A**

**2006-2011 ML SERIES MERCEDES BENZ**

**SPORT BAR**

**PARTS LIST:**

1	Sport Bar	12	12mm x 32mm OD x 3mm Flat Washers
1	Driver/Left Frame Mounting Bracket	2	12mm x 24mm OD x 2.5mm Flat Washers
1	Passenger/Right Frame Mounting Bracket	8	12mm Lock Washers
1	Driver/Left Support "T" Bracket	8	12mm Hex Nuts
1	Passenger/Right Support "T" Bracket	4	6-1.0mm x 30mm Hex Bolts
2	12-1.75mm Bolt Plates	6	6mm x 12mm OD x 1.6mm Flat Washers
2	12mm Plastic Retainers	4	6mm Lock Washers
2	12-1.75mm x 40mm Hex Bolts	2	6mm Hex Nuts
4	12-1.75mm x 35mm Hex Bolts		

**PROCEDURE:**

- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. CUTTING IS REQUIRED**
- From under the front of the vehicle, remove the plastic splash guard and place it on a clean, stable work area. To make reinstallation easier, note type and location of all factory fasteners. Detach rubber hose from retainer clip located on driver side.
- Remove the oval rubber plug located behind body mount bushing on the bottom of the frame channel. Thread (1) 12mm Plastic Retainer part way onto the threaded end of (1) 12mm Bolt Plate, **(Figure 1)**. Insert the Bolt Plate into the oval hole. Continue to thread the Plastic Retainer onto the Bolt Plate until it is tight against the body panel. **NOTE:** The Plastic Retainers are designed to help hold the Bolt Plate in position during Bracket installation.
- Select the Driver Side Frame Mounting Bracket. Hang the Bracket from the Bolt Plate and secure with (1) 12mm x 24mm Small OD Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figures 2 & 3A)**. Snug but do not tighten at this time.
- Next, locate and remove the small factory hex bolt/screw on the bottom of the crossmember below the radiator. Select the driver side Support "T" Bracket. Bolt the Bracket to the crossmember using the factory hex bolt. Line up the remaining hole in the Support "T" Bracket with the unused hole in the crossmember. Bolt the Bracket to the crossmember with the included (1) 6mm x 30mm Hex Bolt, (2) 6mm Flat Washers, (1) 6mm Lock Washer and (1) 6mm Hex Nut, **(Figure 3A)**. **NOTE:** If necessary, additional 6mm x 30mm Hex Bolts, 6mm Flat Washers and 6mm Lock Washers have been provided to replace the factory hardware. Do not tighten hardware at this time.
- Line up the mounting tab on the Support "T" Bracket with the outside of the Frame Mounting Bracket.
- Repeat Steps 3 – 6 for passenger side Bracket installation.
- With assistance, line up the mounting tabs on the Sport Bar with the (2) previously installed Frame Mounting Brackets. Bolt the Sport Bar to the inside of the Frame Mounting Brackets with the included (4) 12mm x 35mm Hex Bolts, (8) 12mm x 32mm Large Flat Washers, (4) 12mm Lock Washers and (4)

12mm Hex Nuts through the forward mounting holes, (**Figures 3A & 3B**). Snug but do not completely tighten hardware at this time.

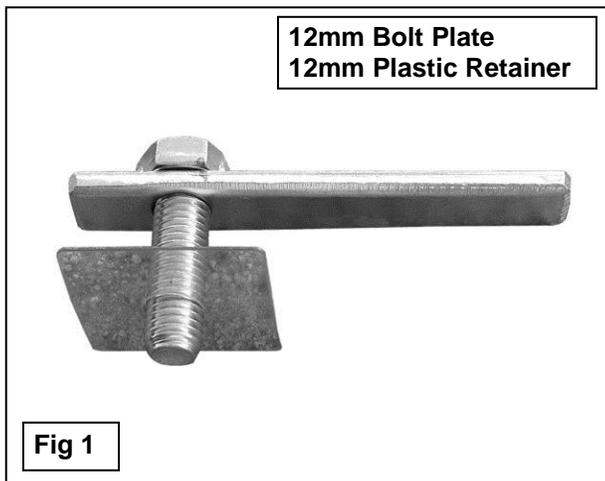
9. Line up the mounting tab on the driver side Support "T" Bracket with the rear mounting hole on the Mounting Bracket and Sport Bar. Insert (1) 12mm x 40mm Hex Bolt with (1) 12mm x 32mm Large Flat Washer though all three Brackets and secure with (1) 12mm x 32mm Large Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, (**Figures 3A & 3B**). Repeat this Step on the passenger side Brackets. Do not tighten hardware at this time.
10. Level and adjust Sport Bar properly and tighten all hardware securing Brackets to vehicle.
11. Hold the plastic splash guard up in position against the Frame Mounting Brackets. Mark the area that needs to be removed from the splash guard to clear the Brackets. Check the location carefully and cut only the minimum amount of plastic from the splash guard to clear the Brackets. Once the slots have been checked for clearance, reinstall the splash guard with the factory hardware. **NOTE:** It may be necessary to remove the Sport Bar to reinstall the plastic splash guard. Once splash guard has been checked for clearance, reinstall with factory hardware. Reinstall the Splash Guard as described in Steps 8 & 9. Tighten all hardware.
12. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

**To protect your investment**, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

**For stainless steel:** Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Sport Bar.

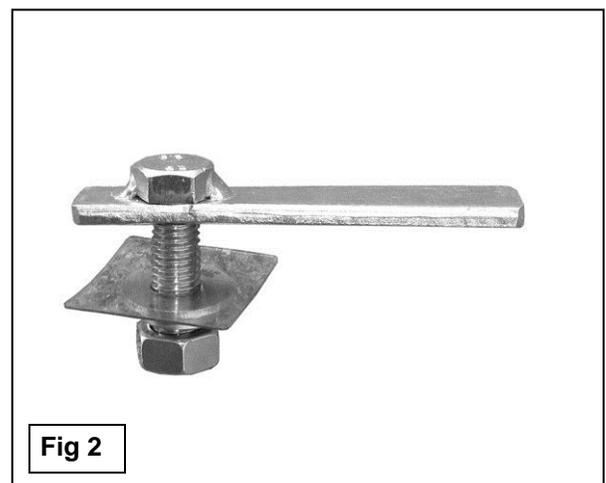
**For gloss black finishes:** Mild soap may be used to clean the Sport Bar.

#### DRIVER SIDE INSTALLATION PICTURED



12mm Bolt Plate pictured for example only, actual Bolt Plate may be slightly different

12mm Bolt Plate  
12mm Plastic Retainer  
12mm x 24mm Small OD Flat Washer  
12mm Lock Washer  
12mm Hex Nut



**DRIVER SIDE INSTALLATION PICTURED**

- (1) 6mm x 30mm Hex Bolt
- (2) 6mm Flat Washers
- (1) 6mm Lock Washer
- (1) 6mm Hex Nut

- 12mm Bolt Plate
- 12mm Plastic Retainer
- 12mm x 24mm Small Flat Washer
- 12mm Lock Washer
- 12mm Hex Nut

- Use Factory hardware or use:
- (1) 6mm x 30mm Hex Bolt
  - (1) 6mm Flat Washer
  - (1) 6mm Lock Washer
  - (1) 6mm Hex Nut

Factory crossmember

Front

Fig 3A

- 12mm x 35mm Hex Bolt
- 12mm x 32mm Large Flat Washer
- 12mm Lock Washer
- 12mm Hex Nut

Support "T" Bracket

- (1) 12mm x 40mm Hex Bolt
- (2) 12mm x 32mm Large Flat Washers
- (1) 12mm Lock Washer
- (1) 12mm Hex Nut

- Use Factory hardware or use:
- (1) 6mm x 30mm Hex Bolt
  - (1) 6mm Flat Washer
  - (1) 6mm Lock Washer
  - (1) 6mm Hex Nut

- (1) 6mm x 30mm Hex Bolt
- (2) 6mm Flat Washers
- (1) 6mm Lock Washer
- (1) 6mm Hex Nut

Clip for hose

Support "T" Bracket

- (1) 12mm x 40mm Hex Bolt
- (2) 12mm x 32mm Large Flat Washers
- (1) 12mm Lock Washer
- (1) 12mm Hex Nut

Front

Fig 3B

- 12mm x 35mm Hex Bolt
- 12mm x 32mm Large Flat Washer
- 12mm Lock Washer
- 12mm Hex Nut