



**Installation Instructions**  
*Bull Bar (#51031 & 51032)*  
*99-06 Silverado & Avalanche 2500*

QTY.	ITEM	CONTENT
1	1	BULL BAR
2	2	BRACKETS-PASSENGER & DRIVER SIDE
2	3	SPACER PLATE
4	5	1/2 -13 X 2.00" HEX HEAD BOLT
4	6	1/2" FLAT WASHERS
4	7	1/2" LOCK WASHERS
4	8	3/8" -16 X 1.25 HEX HEAD BOLT
8	9	3/8" FLATE WASHER
4	10	3/8 LOCK WASHER
4	11	3/8-16 HEX NUT
2	12	M12- 1.75 X 40MM HEX HEAD BOLT
2	13	M12-1.75 HEX NUT

STEP 1 REMOVE CONTENTS FROM BOX AND VERIFY ALL PART ARE PRESENT. READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING.

STEP 2 IT MAY BE NECESSARY TO REMOVE/RELOCATE FRONT LICENSE PLATE AND LICENSE PLATE BRACKET. IT IS NOT REQUIRED, BUTSRONGLY RECOMMENDED.

STEP 3 DETERMINE PASSENGER AND DRIVER BRACKETS. FROM UNDERNEATH VEHICLE, REMOVE TOW HOOKS. SLIDE BRACKETS THROUGH END FRAME AND ALIGN HOLES IN BOTTOM OF FRAME WITH THE TWO NUTS WELDED TO THE BRACKETS. ATTACH BRACKETS TO FRAME RAIL WITH 1/2" FASTENERS AS SHOWN. NOTE: USE ONE SPACER PLATE FOR LARGE HOLE IN BOTTOM OF FRAME AS SHOWN. LEAVE LOOSE. NOTE FOR VEHICLES WITHOUT TOW HOOKS A SMALL OPENING MAY NEED TO BE CUT OUT IN THE TWO INSIDE INDENTS OF THE AIRDAM USING A UTILITY KNIFE. SEE FIGURE 3.

STEP 4 ATTACH HOOP MOUNTS BRACKETS TO FRAME BRACKETS USING 3/8" FASTNERS AS SHOWN . NOTE: 1999-02 MODELS USE FRONT AND MIDDLE HOLES ON THE LOOP MOUNTING BRACKETS. 2003 UP MODELS USE MIDDLE AND REAR HOLES. SEE FIGURE 2.

STEP 5 LEVEL AND ADJUST BULL BAR AS DESIRED. TORQUE 1/2" FASTENERS TO 65 FT.LBS AND 3/8" FASTENERS TO 30 FT. LBS.FINISH PROTECTION- OUR PRODUCTS HAVE A HIGH FINISH THAT MUST BE MAINTAINED SUCH AS ANY OTHER HIGH FINISH PRODUCTON THE VEHICLE. PROTECT THE FINISH WITH A NON-ABRASIVE AUTOMOTIVE WAX. THE USE OF SOAP, POLISH, OR WAX THAT CONTAINSABRASIVES IS DETRIMENTAL, AS THE COMPOUNDS SCRATCH THE FINISH AND OPEN IT TO

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DISCLAIMER- BUYER ASSUMES ALL RISK AND LIABILITY WHATSOEVER FROM THE INSTALLATION AND USE OF PRODUCTS. PRODUCTS ARE SOLD AS DECORATIVE ACCESSORIES AND SHOULD NOT BE RELIED UPON AS PROTECTION FOR THE VEHICLE OR OCCUPANTS IN THE EVENT OF A COLLISION OR ROLL OVER

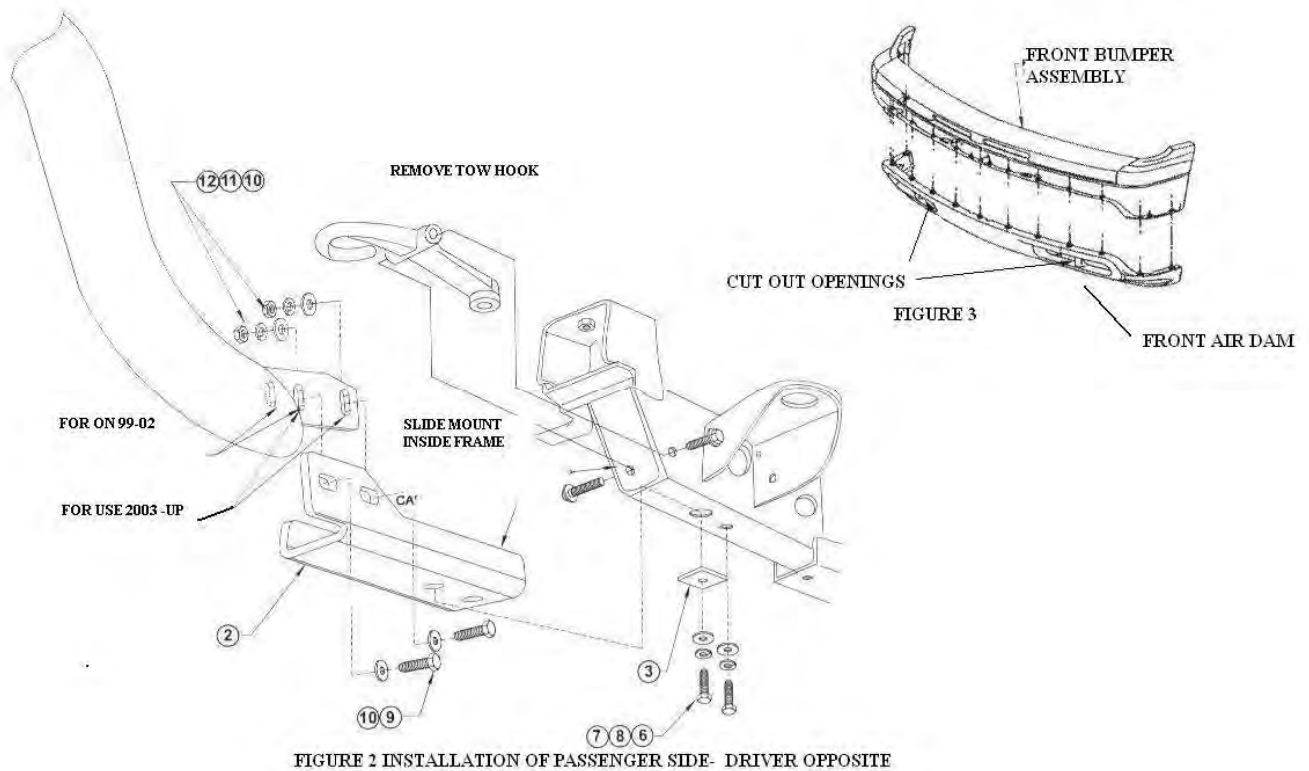
**For Technical Support/Warranty Information please call 310-762-9944**

**Smittybilt, 1600 Walnut Parkway, Rancho Dominguez, CA 90220**



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## Cleaning and Maintenance

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, window or glass cleaner may be used also.

**For gloss black finishes:** Mild soap, window and glass cleaner may be used.

## LIMITED WARRANTY

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Smittybilt (The Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within the warranty period of 5 years from the date of purchase, such defect(s) will be repaired or replaced (At the Company's option) without charge for parts or labor. To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of warranty coverage ( e.g. dated bill of sale, receipt), specification of defect, freight pre-paid with Returns Good Authorization Number from Smittybilt to place of purchase. Items returned to Smittybilt without a Returns Authorization Number will be refused and returned to sender at the senders' expense.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through altercation, improper installation, mishandling, misuse, neglect accident or acts of nature. **THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THIS PRODUCT.**

This warranty is in lieu of all expressed warranties and liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 90 DAYS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, therefore above limitations may not apply to you. This warranty gives the purchaser specific legal rights. The purchaser may have additional rights, which vary from state to state.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, therefore above limitations may not apply to you. This warranty gives the purchaser specific legal rights. The purchaser may have additional rights, which vary from state to state.

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