



# STEP BOARD KIT #27-1395

## INSTALLATION INSTRUCTIONS

APPLICATION: 2000-UP CHEVY ASTRO VAN AND GMC SAFARI

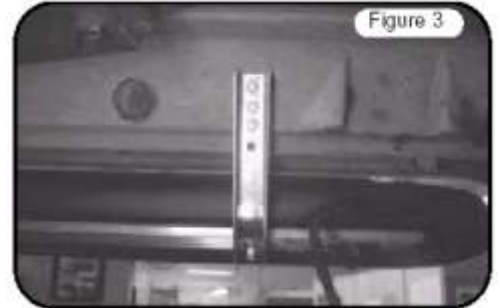
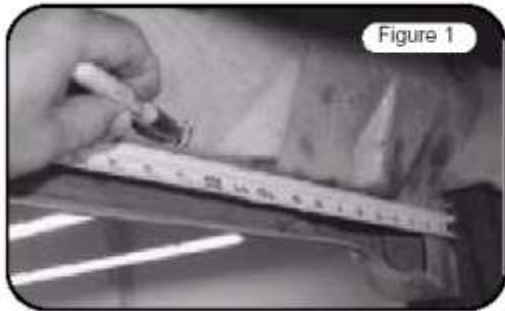
**AUTOMOTIVE PRODUCTS, INC.**

**CAUTION:**  
**BEFORE BEGINNING**  
**THIS INSTALLATION**  
**PROCEDURE.**  
**READ THROUGH**  
**INSTRUCTIONS**  
**CAREFULLY AND**  
**COMPLETELY**

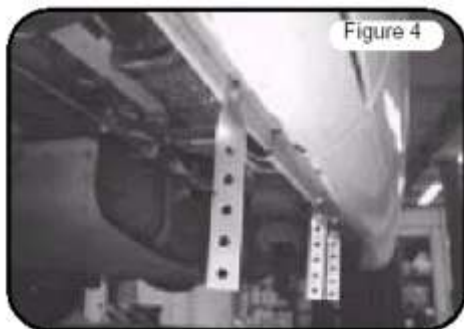
### HARDWARE KIT

16	5/16-18 X .75" SQUARE HEAD BOLT	12	5/16-18 X .75" HEX HEAD BOLT
24	1/4-14 X .75" TEK SCREW	28	5/16" NYLOCK NUTS
28	5/16" SAE FLAT WASHER	2	FRONT MAIN BRACKET
6	CENTER AND REAR BRACKET	6	PINCH WELD HANGER

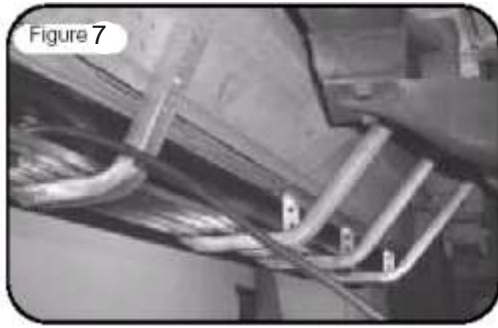
- STEP 1. Remove the contents from the box and check for any damage. Verify all parts against the parts list. Read and understand instructions completely before beginning installation.
- STEP 2. On the back side of the pinch weld, measure from the front of the fender well towards the back of the vehicle and make marks at the following locations: passenger side at 13 1/2", 31 1/2" 45 1/2" and 61" and driver side at 13 1/2", 31", 47 1/2" and 55 3/8". SEE FIGURE 1.
- STEP 3. After marking the locations, hang the front main brackets using (3) 1/4-14 x .75" TEK Screws. SEE FIGURE 2.
- STEP 4. In locations 2, 3 and 4, drill a 1/8" pilot hole on your markings. Make the pilot hole into a 5/16" drilled hole. SEE FIGURE 3.



- STEP 5. Install (3) pinch weld hangers per side in the 5/16" drilled holes using a 5/16" hex head bolt, flat washers and nylock nuts onto the pinch weld. Tighten them at this time. SEE FIGURE 4.
- STEP 6. Hang the center and rear brackets from the pinch weld hangers using the 5/16" hex head bolts, washer and nylock nuts. NOTE: Make sure to use the third hole from the bottom up. SEE FIGURE 5.
- STEP 7. Position the bracket and fasten to the sub-frame using the (3) 1/4-14 x .75" TEK Screws in all three locations. SEE FIGURE 6.



- STEP 8. Now install (8) 5/16-18 x .75" square head bolts onto the running board in the appropriate slots in the aluminum and position the running board onto the brackets.
- STEP 9. Center the board and use (8) 5/16" nylock nuts and washers to attach the board while adjusting the board to its appropriate location and tighten up all the brackets. NOTE: If installing the lighted boards, use a test light to find a hot lead to your dome light near the kick panel on the driver side of the vehicle. SEE FIGURE 7.



#### INSTALLING THE LIGHTS & WIRING HARNESS TO YOUR STEP BOARDS (FOR LIGHTED VERSION)

- STEP 10. A three piece wiring harness is included with the Lighted Step Board. The harness includes four (4) light sockets and three plugs. Carefully plan a wire route from the right side Step Board to the left. Then choose a pass-through point (floor board to inner cab) for the wire harness. NOTE: WESTIN RECOMMENDS YOU USE A PROFESSIONAL TO INSTALL THE WIRING HARNESS. SEE STEPS 12-17.
- STEP 11. Attach wire harness and lights. Be sure rubber seals are in place before installation. The rubber grommet around the red and blue wires going into rear sockets should be completely inserted and recessed about 1/4" NOTE: To ensure the longevity of your lights, remove the bulb and placing a small amount of white grease into the sockets and replace the bulb. Place a small amount of RTV Silicone where the wires go into the socket. This keeps the sockets dry and adds to longevity. Screw lights into each end of the board and run conduit in center slot of aluminum base board. This will hold harness in place.
- STEP 12. GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.
- STEP 13. After choosing a pass-through point for cab harness(STEP 10.), follow this sequence: Route long lead harness to short lead harness and plug connectors securely. NOTE: Avoid areas of excess heat, vibration, pinch or rotation when securing harness to vehicle.
- STEP 14. Plug open-ended connection into unused connection. Either connector on short lead board harness will work. Route open ended wire harness through truck cab. Find the closest position to door light switch lead wire. Seal pass-through holes with silicone or permanent sealer.
- STEP 15. Connect positive and negative lead wires to vehicle sources (dome light or courtesy light under dash). Use vehicle door switch for ground lead source and appropriate positive lead for supply. NOTE: Always use a fused positive (+) power source. NOTE: For lighted boards, the best place to find the hot lead to the dome light is the driver side windshield pillar.
- STEP 17. Test circuit for proper function and connection before tape sealing all exposed wires.

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Finish protection - Westin products have a high quality finish that must be cared for like any other exposed finish on the vehicle. Protect the finish with a non-abrasive automotive wax (pure carnauba, for example) on a regular basis. The use of cleaner wax or any compound which contains an abrasive is detrimental, as the compounds scratch the finish and open it to corrosion.



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Thank You for choosing Westin products  
For additional installation assistance please call  
Customer service (800) 793- 7846 or (507) 375-3559