



# STEP BOARD KIT #27-1435 INSTALLATION INSTRUCTIONS

APPLICATION: 2002-04 HONDA CRV

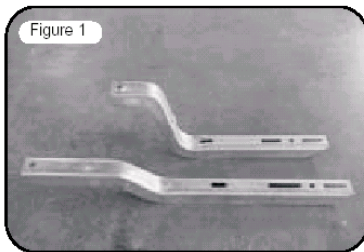
**AUTOMOTIVE PRODUCTS, INC.**

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

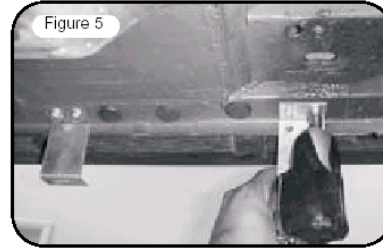
## HARDWARE KIT

16	5/16" SQUARE HEAD BOLT	44	5/16" SAE FLAT WASHER
4	1/4-14 X .75" TEK SCREW	24	5/16" NYLOCK NUT
8	5/16" HEX HEAD BOLT	20	M8-20 HEX HEAD BOLT
6	MAIN FRONT/MIDDLE BRACKET	2	REAR MAIN BRACKET
8	PINCH WELD BRACKET		

- 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. NOTE: The middle bracket is longer than the rear bracket. **SEE FIGURE 1.**
- STEP 2. In locations 1, 2 and 3, there are factory mounting locations. Starting from the front, install the pinch weld hangers in location 1, 2 and 3 using (2) 8mm bolts and washers. Leave loose at this time. **SEE FIGURES 2 AND 3.**



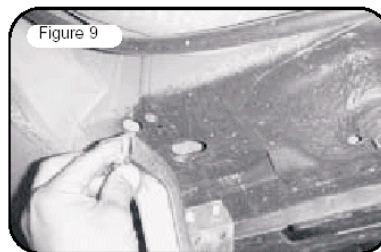
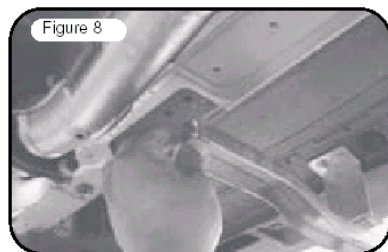
- STEP 3. From location 3, measure back 11 1/2 inches and mark location. Use 2 tek screws to fasten pinch weld hanger to the vehicle. **SEE FIGURE 4 AND 5.**



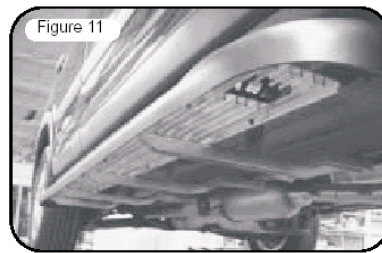
- STEP 4. Install main/front bracket and rear bracket to the appropriate locations to the vehicle from the pinch weld hanger using a 5/16" hex head bolt, washer and nylock nut. Leave loose at this time. **SEE FIGURE 6 AND 7.**



- STEP 5. In locations 1, 2, 3 and 4 under the vehicle, there are two threaded factory mounting holes located in the subframe of the vehicle. Use one of the threaded factory holes to install the main front/middle brackets and rear bracket using 8mm bolt and washer. **SEE FIGURE 8 AND 9.**



- STEP 6. Now position the running board onto the vehicle adjusting it to the proper location. Use 8 nylock nuts and washers to attach the board. Make sure to tighten all brackets. **SEE FIGURE 10 AND 11.**
- STEP 7. Repeat the same steps for the opposite side to complete installation. **NOTE:** When installing lighted boards, use the lighted board instructions provided in the hardware kit.



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

- STEP 8. 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 10-14.**
- STEP 9. 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 place 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 10. **GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.**
- STEP 11. After choosing a pass-through point for cab harness(STEP 8.), follow this sequence: Route long lead harness to short lead harness and plug connectors securely. **NOTE:1 Avoid areas of excess heat, vibration, pinch or rotation when securing harness to vehicle.**
- STEP 12. 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 13. 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 14. 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