



STEP BOARD KIT #27-1415 INSTALLATION INSTRUCTIONS

APPLICATION: 2001-06 HYUNDAI SANTA FE

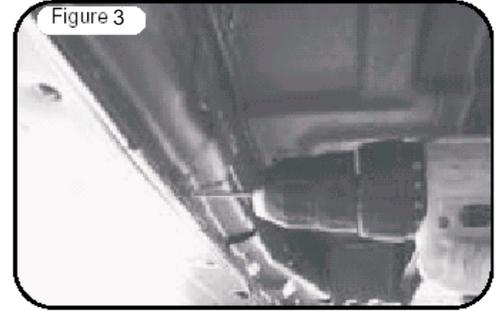
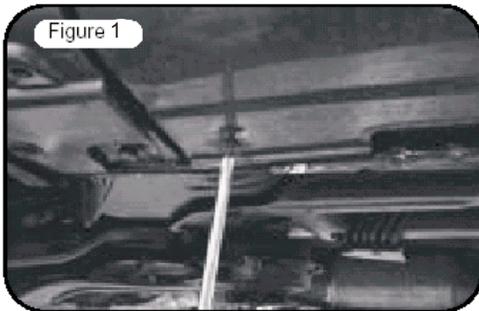
AUTOMOTIVE PRODUCTS, INC.

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

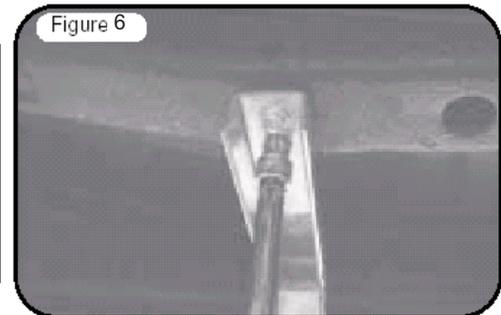
HARDWARE KIT

| | | | |
|----|-------------------------|----|---------------------------|
| 32 | 5/16" SQUARE HEAD BOLT | 32 | 5/16" SAE WASHER |
| 8 | 1/4-14 X .75" TEK SCREW | 32 | 5/16" NYLOCK NUT |
| 2 | 5/16-18" FLANGE NUTS | 1 | RUBBER TRIM GASKET KIT |
| 2 | 5/16" ANCHOR BOLT | 2 | FRONT BRACKET |
| 2 | MIDDLE FRONT BRACKET | 2 | MIDDLE REAR BRACKET |
| 2 | REAR BRACKET | 8 | PINCH WELD HANGER BRACKET |

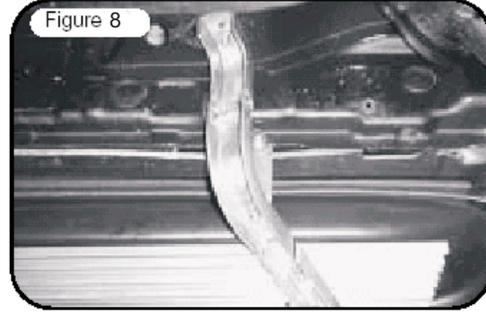
- STEP 1.** Remove the contents from the box and check for any damage. Verify all parts against the parts list. Read and understand instructions completely before beginning installation.
- STEP 2.** If the vehicle is equipped with factory mud flaps, remove the front mud flaps.
- STEP 3.** Under the vehicle near the pinch weld, remove the seven screws holding the rocker panel so that you may gain access to the front side of the pinch weld. **SEE FIGURE 1.**
- STEP 4.** On the back side of the pinch weld, measure from the front of the wheel well behind the mud flap location towards the back of the vehicle and make marks at the following locations: 9 1/4", 20 1/2", 40 1/2" and 57". **SEE FIGURE 2.**
- STEP 5.** After making your marks, you should have four equal marks on the pinch weld. Drill a pilot hole using a 1/8" drill bit and then make the pilot hole into a 5/16" hole. **SEE FIGURE 3.**



- STEP 6.** Install the pinch weld hangers in the eight holes that you drilled on the pinch weld in all four locations per side. Leave loose at this time. **SEE FIGURE 4.**
- STEP 7.** In the front location you will notice that the pinch weld hanger aligns with the factory 14mm bolt in the frame of the vehicle. Remove and save the bolt. Install the main front brackets in location 1 and reinstall the factory bolt through the bracket. Leave loose at this time. **SEE FIGURE 5.**
- STEP 8.** In location 2, install the middle front main bracket on to the pinch weld hanger. At the end of the main bracket, run two TEK screws through the two holes. **SEE FIGURE 6.**



- STEP 9. In location 3, install the middle rear bracket and repeat step 8.
- STEP 10. Looking under the vehicle near location 4, there are two access holes on the frame board of the vehicle. Using the closest hole to the rear of the vehicle, install 1 of the anchor bolts per side and install the rear bracket. **SEE FIGURE 7.**
- STEP 11. After placing the rear bracket in place, align the hole in the bracket to the pinch weld hanger. Angle the bracket to the rear vehicle to give support to the rear part of the step board. **SEE FIGURE 8.**
- STEP 12. Insert 8 square head bolts into their appropriate slots in the aluminum part of the board, then place the boards on the brackets.
- STEP 13. Center the board and use 8 nylock nuts and washers to attach the board (adjust the board to its appropriate location) and tighten up all brackets.



NOTE: If installing 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.

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

- STEP 14. 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 16-20.**
- STEP 15. 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 16. **GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.**
- STEP 17. After choosing a pass-through point for cab harness(STEP 14.), 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 18. 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 19. 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 20. Test circuit for proper function and connection before tape sealing all exposed wires.

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