



STEP BOARD KIT #27-1425 INSTALLATION INSTRUCTIONS

APPLICATION: 2001-UP KIA SPORTAGE

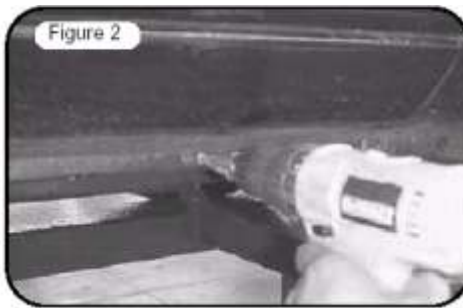
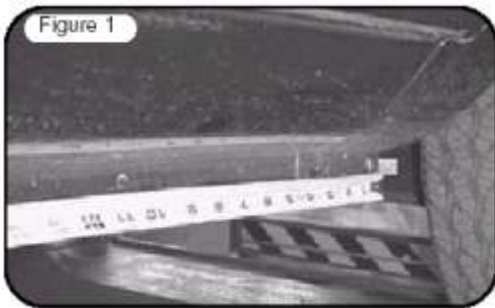
AUTOMOTIVE PRODUCTS, INC.

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

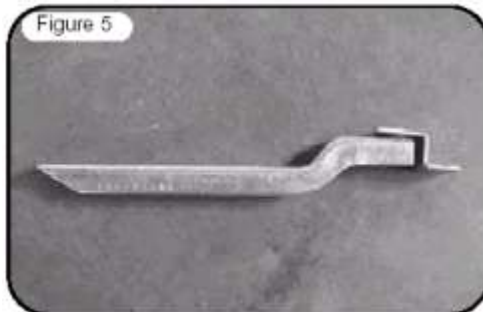
HARDWARE KIT

16 5/16" SQUARE HEAD BOLT	34 5/16" SAE FLAT WASHER
16 1/4-14 X .75" TEK SCREW	34 5/16" NYLOCK NUT
18 5/16" HEX HEAD BOLT	6 FRONT AND MIDDLE BRACKET
2 REAR BRACKET	8 PINCH WELD HANGER
2 FRAME SUPPORT 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. From the front of the wheel well on the pinch weld, measure back to the rear of the vehicle and make your marks at the suggested locations: 11", 27 1/2", 42 1/2" and 57 1/2". SEE FIGURE 1.
- STEP 3. After marking your locations, you should have four equal marks on the pinch weld. Drill an 1/8" pilot hole on the center of the pinch weld. Re-drill each to 5/16" hole. SEE FIGURE 2.
- STEP 4. Use four pinch weld hangers per side. Attach the pinch weld hanger using the 5/16" hex head bolts, flat washers and nylock nuts. Tighten. SEE FIGURE 3.



- STEP 5. In your bracket kit you will find that you have six front and middle brackets. Install your brackets in the previously drilled hole locations 1, 2 and 3 from front of vehicle, and attach to pinch weld hanger using a 5/16" hex head bolt, flat washer and nylock nut. Do not tighten at this time. SEE FIGURE 4.
- STEP 6. In the 4th drilled hole, attach the rear bracket by attaching the frame support bracket to the end of the main rear bracket using the 5/16" hex head bolt, washer and nylock nut. Leave loose. SEE FIGURE 5.
- STEP 7. Attach the rear bracket to the pinch weld hanger. Do not tighten at this time. SEE FIGURE 6.



- STEP 8. At the end of each brackets are 2 holes that should line up under the frame of the vehicle using the 2 holes as a guide. Drill pilot holes using an 1/8" drill bit. Use two TEK screws to secure each bracket to the frame. SEE FIGURES 7 AND 8.

- STEP 9. Apply 8 square head bolts to the running board into the appropriate slots in the aluminum. Then position the running board on the brackets.
- STEP 10. Center the board and use eight 5/16" nylock nuts and flat washers to attach the board. Adjust the board to its appropriate location and tighten all brackets. NOTE: If installing lighted boards, use a test light to find the hot lead to the dome light near the kick panel on the driver's side of the vehicle.



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

- STEP 11. 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 13-17.
- STEP 12. 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 13. GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.
- STEP 14. After choosing a pass-through point for cab harness(STEP 12.), 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 15. 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 16. 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.

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