



STEP BOARD KIT #27-1375 INSTALLATION INSTRUCTIONS

APPLICATION: 2002-UP DODGE RAM QUAD CAB

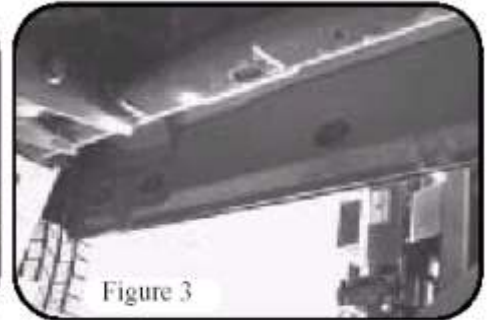
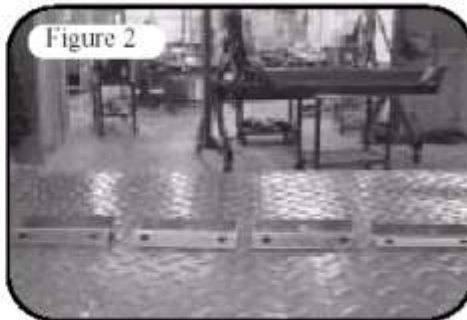
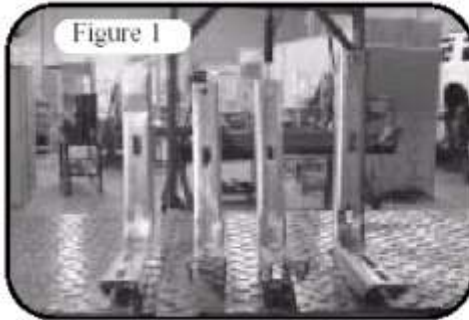
AUTOMOTIVE PRODUCTS, INC.

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

HARDWARE KIT

2	REAR PINCH WELD BRACKET	4	MIDDLE PINCH WELD BRACKET
2	FRONT PINCH WELD BRACKET	2	REAR "L" BRACKET
4	MIDDLE "L" BRACKET	2	FRONT "L" BRACKET
8	ANCHOR BOLTS	16	5/16-18 SER FLANGE NUT
8	1/4-14 X 3/4" HEX HEAD TEK SCREW	40	5/16-18 X 3/4" SQUARE HEAD BOLT
16	5/16" SAE FLAT WASHER	32	5/16-18 NYLOCK NUT

- 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. NOTE: There are front, middle and rear pinch weld brackets and front, middle and rear "L" brackets. Make sure to look at the stamp on the bracket for the correct location of the bracket. The last letter stamped in the part number indicates position: F= Front, M= Middle and R= Rear. SEE FIGURES 1 AND 2.
- STEP 3. You will notice that there are eight factory plugs on the inside rocker panel. Starting from the front, remove plugs from location 2, 4, 5 and 6. SEE FIGURE 3.



- STEP 4. Using the factory rocker hole as a guide for each bracket location, line up the center hole in the pinch weld bracket with the center of the factory rocker hole and mark the outside holes to be drilled. SEE FIGURE 4.
- STEP 5. Drill 1/8" pilot holes on your marked locations. Then drill out the pilot holes to 5/16". SEE FIGURE 5.
- STEP 6. Using a square head bolt and nylock nut, install each pinch weld bracket into place behind the pinch weld. Leave loose. SEE FIGURE 6.



- STEP 7. Install the anchor bolt into the factory hole under the rocker panel and place the "L" bracket into position and secure to anchor bolt with a flange nut. Leave loose. SEE FIGURES 7 AND 8.
- STEP 8. Place four square head bolts into the outer slot and four into the inner slot of the aluminum support for the board. Place the board onto the support brackets. Center the board and adjust the brackets to the proper location. Secure the board using eight nylock nuts with washers. SEE FIGURE 9.

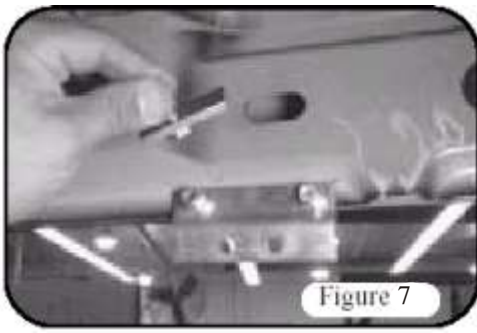


Figure 7

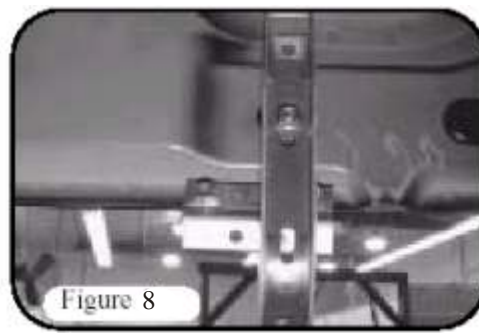


Figure 8



Figure 9

- STEP 9. Adjust the board and brackets to the height that best fits the vehicle. Then attach and tighten the “L” brackets to the pinch weld brackets using a square head bolt and flange nut. SEE FIGURE 10.
- STEP 10. Tighten the pinch weld bracket bolts. Then tighten the anchor bolts. For additional support, secure the top of each “L” bracket with a self drilling Tek screw. SEE FIGURE 10 AND 11.
- STEP 11. Repeat the same steps on the opposite to complete installation.



Figure 10

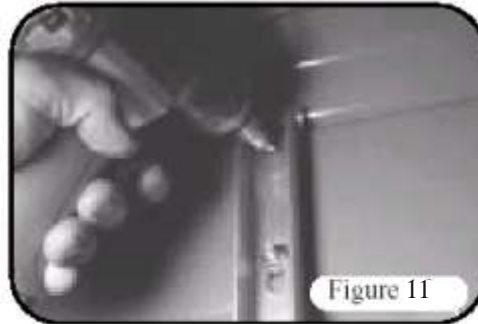


Figure 11

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

- STEP 12. 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 14-18.
- STEP 13. 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 14. GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.
- STEP 15. 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: Avoid areas of excess heat, vibration, pinch or rotation when securing harness to vehicle.
- STEP 16. 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 17. 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 18. 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.

