

# STEP BOARD KIT #27-1305 INSTALLATION INSTRUCTIONS

2001 DODGE DAKOTA QUAD CAB

**Instruction Sheet**  
**No. 75-0303**

(USES 80" STEP BOARDS #27-0010 & 27-0015)

**NOTE: IT IS RECOMMENDED THAT YOU USE A PROFESSIONAL TO INSTALL THE WIRING HARNESS FOR THE LIGHTED VERSION.**

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

## HARDWARE KIT

12	Nylock Nuts	12	Square Head Bolts
6	TEK Screws	18	Hex Bolts
30	5/16" Washers	6	Pinch Weld Brackets
18	Wing Nuts		

Each Universal Running Board fitment has a specific Bracket Kit, which coincides with the specific vehicle. Make sure your kit coincides with your vehicle. Read all instructions thoroughly before you begin installing the running boards and brackets. Pre-fit all pieces and check the hardware list to be sure all the parts are included before beginning.

**STEP 1:** Lay out the bracket kit making sure you have a complete hardware and bracket kit.

**STEP 2:** Measure from the front of pinch weld towards the rear of the truck and mark at 15", 39 ½" and 69 ½".

**STEP 3:** After you make the first marks, measure back 3 7/8" from each mark toward the rear of the truck and make second marks to end up with six marks total, as shown in Figure 1.



Figure 1

**STEP 4:** Drill a pilot hole on your six marks in the center on the pinch weld using a 1/8" drill bit as shown in Figure 2.



Figure 2



Figure 3

**STEP 5:** Drill out your 1/8" hole to 5/16" holes on all of the six holes as shown in Figure 3.

**STEP 6:** Install your pinch weld bracket using Hex Head Bolt and Washer and attach with Wing Nut. Repeat this step six times. See Figure 4 & 5.



Figure 4



Figure 5

**STEP 7:** After installing your pinch weld bracket install your “L” Bracket using Hex Bolt and Washer and attach with Wing Nut, leaving loose for adjustment. Repeat this step six times, Figure 6.

**STEP 8:** Apply six square head bolts to the running boards into appropriate slots in the aluminum and position running boards into brackets. Use six Nylock Nuts and washers to attach the board, adjusting the board to the appropriate location.

**STEP 9:** Use the Hex Bolt on the inside of the “L” Bracket to adjust the height of the board on the outside to hide the bolts in the pinch weld.

**STEP 10:** After adjusting the height screw at the top of the “L” Bracket, use the Tek Screw as shown in Figure 7.

**STEP 11:** Now you can adjust the board from side to side, center the board to the truck and tighten the Nylock Nuts.



Figure 6



Figure 7

**STEP 12:** Repeat the installation step 2-11 for the other side of vehicle.

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

**STEP 1:** 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. WESTIN RECOMMENDS YOU USE A PROFESSIONAL TO INSTALL THE WIRING HARNESS—SEE STEPS 7-10 BELOW.

**STEP 2:** Attach wire harness and lights. Be sure all rubber seals are in place before installation. The rubber grommets around the red and blue wires going into rear of sockets should be completely inserted and recessed about 1/4". **NOTE: Ensure the longevity of your lights by removing the bulb and placing a small amount of white grease into the sockets and replacing the bulb. Place a small amount of RTV Silicone where the lights go into the socket. This keeps the sockets dry and adds to longevity.** Screw lights into sockets and run conduit in center slot of aluminum base board. This will hold the harness in place.

**STEP 3:** Mount board to Brackets by sliding (4) four of the 5/16" x 3/4" Square Head Bolts into the two outside slots in the aluminum support plate and (4) four in the inner most slot.

**STEP 4:** Position the Square Headed Bolts on the aluminum support t plate so that there are (2) two bolts over each Bracket location. Place the Step Board over the Brackets and pass the Bolts through the Brackets.

**STEP 5:** Center the Step Boards from wheel well to wheel well and position for height. Set all final positions for height, depth and center. Tighten all the remaining hardware and test the Step Boards for attachment. This concludes the installation procedure for the Step Boards without lights. For the Lighted version, proceed to STEP 6.

**STEP 6: GENERAL TIPS FOR WIRING HARNESS INSTALLATION. PLEASE NOTE: The light wiring harness installation requires splicing into your vehicle's electrical system. WESTIN HIGHLY RECOMMENDS THAT YOU USE A PROFESSIONAL TO INSTALL THE WIRING HARNESS FOR THE LIGHTED VERSION.**

**STEP 7:** After choosing a pass-through point for the cab harness (STEP 6), 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 8:** Plug open-ended connection into unused connection. Note: Either connector on short lead board harness will work. Route open ended wire harness through truck cab. Note: Find the closest position to door light switch lead wire. Seal pass-through hole. Use silicone or permanent sealer.

**STEP 9:** 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. ALWAYS USE A FUSED POSITIVE (+) POWER SOURCE.

**STEP 10:** Test circuit for proper function and connection before tape sealing all exposed wire.

INSTALLATION IS COMPLETE. **THANK YOU FOR CHOOSING WESTIN!**