



STEP BOARD KIT #27-1195 INSTALLATION INSTRUCTIONS

APPLICATION: 1997-03 FORD EXPEDITION

AUTOMOTIVE PRODUCTS, INC.

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

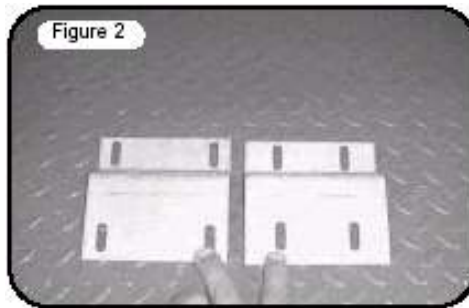
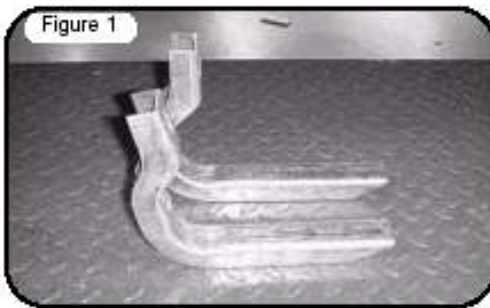
HARDWARE KIT

16	5/16" SQUARE HEAD BOLT	56	5/16" SAE WASHER
40	5/16" NYLOCK NUT	8	TRILOBULAR BOLT (FOR 97-02 MODELS)
32	5/16" HEX HEAD BOLT	8	8MM X 20 HEX HEAD BOLTS (2003 ONLY)
2	FRONT MAIN BRACKET	6	MIDDLE/REAR MAIN BRACKET
2	FRONT PINCH WELD BRACKET	6	MIDDLE/REAR PINCH WELD BRACKET

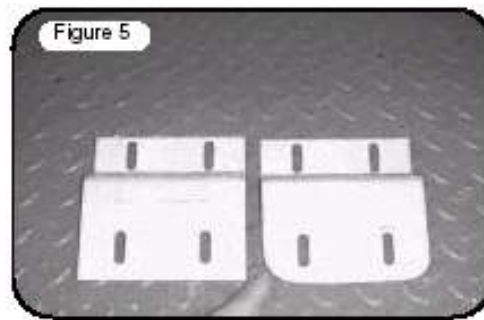
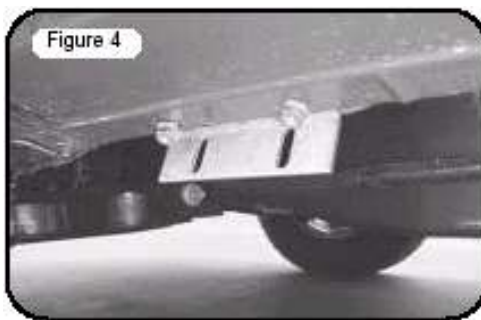
STEP 1. Remove the contents from the box and check for any damage. Verify all parts against the parts list. Read and understand instructions completely before beginning installation.

NOTE: The front main brackets are different from the other brackets and the pinch weld plate brackets are also different. SEE FIGURES 1 AND 2.

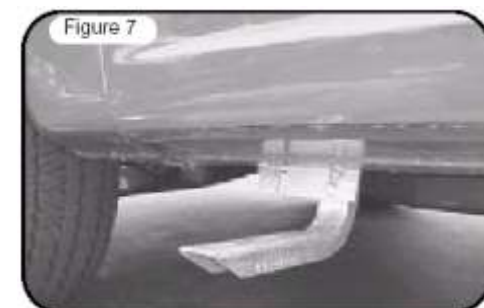
STEP 2. Use existing factory locations 1, 2, 3 and 4 for bracket mounting points. SEE FIGURE 3.



STEP 3. Using a 5/16" hex head bolt, washer and 5/16" nylock nuts attach the pinch weld plate bracket to the pinch weld. Tighten at this time. NOTE: For location 4 on both sides of the vehicle you will need to trim off the corners of the pinch weld plate bracket for proper fit. SEE FIGURES 4 AND 5.



STEP 4. Attach the main bracket to the pinch weld plates using a 5/16 x 7/8" trilobular (for 1997-02 models) or a 8mm x 20 hex head bolt (for 2003 model) at the portion of the bracket. Use a 5/16" hex head bolt on the middle slotted area. NOTE: Leave loose at this time. SEE FIGURES 6 AND 7.



- STEP 5. Carefully remove the running boards from the box and place them face down on a soft clean surface. Slide eight of the 5/16 x 3/4" square head bolts into the two outside slots in the aluminum support plate. NOTE: Slide 4 bolts in the inner most slots and 4 in the outer most slots. If you purchased the trim-molding piece, install it at this time.
- STEP 6. Position the square head bolts on the aluminum support plate so that there are two bolts over each bracket location. Place the running board over the brackets and pass the bolts through the slots. NOTE: The brackets should be left loose enough to allow for installation of the boards.
- STEP 7. Start the nylock nuts and the SAE washers on the square head bolts but leave loose at this time.
- STEP 8. Position the board to its appropriate location. Make sure the board is centered. Tighten all of the remaining hardware.
- STEP 9. Repeat the above steps on the opposite side to complete installation. NOTE: If you are installing lighted boards please follow the light harness installation instructions.

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

- STEP 10. 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 12-16.
- STEP 11. 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 12. GENERAL TIPS FOR WIRING HARNESS INSTALLATION. NOTE: The light wiring harness installation requires splicing into vehicles electrical system.
- STEP 13. After choosing a pass-through point for cab harness (STEP 10.), 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 14. 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 15. 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.
- STEP 16. 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