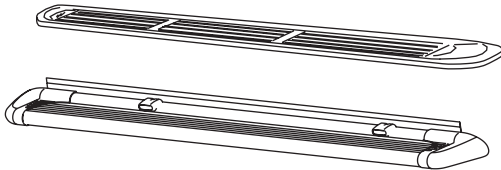
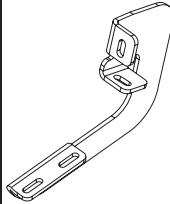
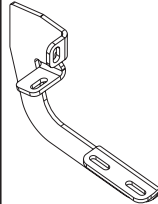
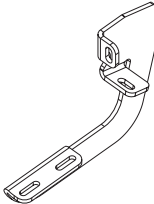




INSTALLATION INSTRUCTIONS

APPLICATION: 1997-08 FORD EXPEDITION
2007-08 FORD EXPEDITION EL

AUTOMOTIVE PRODUCTS, INC.

<p>MOUNT KIT 27-1815</p> <p>STRONGLY RECOMMENDED GAP STRIP KIT 27-9907</p> <p>SURE-GRIP OPTIONAL LIGHT KIT 27-6000</p>	<p>BOARDS EXPEDITION 27-0010, 27-0015, 27-6130, 27-6135, 27-6530</p> <p>EXPEDITION EL 27-0020, 27-0025, 27-6140, 27-6145, 27-6540</p>	 <p>①</p>	 <p>③</p>	 <p>④</p>	 <p>⑤</p>
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ITEM	QTY	CONTENTS	TOOLS
1,2	2	STEP BOARD, PASSENGER (1) AND DRIVER (2) (SOLD SEPARATELY)	1/2" SOCKET 13MM SOCKET 13MM WRENCH RATCHET TORQUE WRENCH
3	2	FRONT BRACKET	
4,5	4	CENTER/REAR BRACKET, PASSENGER (4) AND DRIVER (5)	
6	12	M8-1.25 X 25MM HEX HEAD BOLT	
7	6	M8-1.25 HEX NUT	
8	6	5/16-18 X 1.00" SELF TAPPING SCREW	
9	30	5/16" FLAT WASHER	
10	12	5/16" LOCK WASHER	
11	12	5/16-18 X .75" SQUARE HEAD BOLT	
12	12	5/16-18 LOCK NUT	
NOTE: NOT ALL FASTENERS WILL BE USED.			

- STEP 1.** Remove contents from box and check for damage. Verify all parts are present. Read and understand instructions before beginning. If desired, for this vehicle application, the Sure-Grip Gap Strip Kit (part #27-9907) can be purchased and used with the Sure-Grip running boards.
- STEP 2.** Remove any tape on the inside of rocker panel that covers the mounting holes. **NOTE:** 5/16" self tapping bolts replace one 8mm bolt per bracket if the factory holes are not tapped for 8mm bolts.
- STEP 3.** Attach brackets to underside of body panel as shown. Leave loose. **SEE FIGURE 1.**
- STEP 4.** Insert square head bolts as shown (3 per slot, 6 per Step board/Running board). **SEE FIGURES 3 AND 4.** **NOTE:** For lighted boards, run wiring harness prior to attaching board to brackets (refer to Step 6). **SEE FIGURE 7.** Run longer wire harness on passenger side.
- STEP 5.** For Sure-Grip Running Boards, if purchased, slide closure strip as shown. Set lights (if purchased) in appropriate location. Attach to Sure-Grip Running Board as shown. **SEE FIGURE 2.** Drill hole through plastic strip and run wires as shown. **SEE FIGURE 5.**
- STEP 6.** Attach board to brackets as shown. Make sure board and brackets are properly aligned and tighten fasteners. Recommended torque values are 16 Ft. Lbs. for 8mm fasteners, 5 Ft. Lbs. for 5/16" self tapping bolts, and 10 Ft. Lbs. for 5/16" square head fasteners. **SEE FIGURE 6.** **NOTE:** For lighted version of Molded Step Board, remove plastic cover from each end of under side of board. Proceed to Steps 7-8.

WARNING: INSTALLING LIGHT HARNESS REQUIRES SPLICING INTO VEHICLES ELECTRICAL SYSTEM. WESTIN RECOMMENDS USING A PROFESSIONAL FOR THIS INSTALLATION. NOTE: AVOID AREAS OF EXCESSIVE HEAT, VIBRATION, PINCH OR ROTATION WHEN SECURING HARNESS TO VEHICLE. CAUTION: ALWAYS USE A FUSED(+) POSITIVE SUPPLY SOURCE. UNDERCOAT SEAL FOR HARSH WEATHER.

HINT: Molded Step Boards: For longevity, check rubber seals before installation. Rubber grommets around red and blue wires going into rear sockets, should be inserted and recessed about 1/4". **NOTE:** Remove bulbs and apply white grease into sockets and replace bulbs. Apply RTV Silicone where lights go into socket. Install lights and run wire loom as shown. **SEE FIGURE 4.** For Sure-Grip Running Boards, run wire loom down center as shown. **SEE FIGURE 3.**

STEP 7. Determine whether your vehicle has a positive or negative switching courtesy system or an auxiliary light source (most Fords). Obtain an accurate wiring diagram for your vehicle's courtesy light system.

For positive and negative switching:

Locate a pass-through point (usually under carpet at driver side door sill) for the wire harness. Locate main courtesy wire (usually wire lead to dome light). **NOTE:** If you do not use the main courtesy wire, lights will only function when one door is open. Route wire harness so that the 2 female connections (from step board) are nearest to pass thru point.*Connect opposite step board lead to either connection. Connect the splicing lead to remaining female socket and route one wire thru pass thru point. **SEE FIGURE 7.**

VERY IMPORTANT - Double check that your system has positive or negative switching.

For positive switching only: Connect positive wire to main courtesy system, (usually wire lead to dome light). **TEST CONTINUITY BEFORE CONNECTING BY OPENING AND CLOSING ALL DOORS.** Ground remaining wire.

For negative switching only: Connect negative wire to main courtesy system, (usually wire lead to dome light but sometimes from dome light to courtesy ECU). **TEST GROUND CONTINUITY BEFORE CONNECTING BY OPENING AND CLOSING ALL DOORS.**

Connect remaining wire to battery using a 5A fuse.

**Be sure that you have not routed any wires near moving parts (i.e.. driveshaft) or near any heat generating source (i.e.. transmission, engine, exhaust).

Auxiliary Light source:

Locate auxiliary light source connection under vehicle (usually attached to back side of front or rear fender well (refer to vehicles owners manual). **SEE FIGURE 7. TEST SOURCE BEFORE CONNECTING.** Connect splicing leads to aux light source. test step board lights for proper function by opening and closing doors.

STEP 8. Under-coat board, brackets and electrical wires, connections and lenses for harsh weather conditions. Reinstall plastic cover on underside of Step boards. **INSTALLATION IS COMPLETE.**

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, (e.g. Pure Carnauba) on a regular basis. The use of any soap, polish or wax that contains an abrasive is detrimental, as the compounds scratch the finish and open it to corrosion.

