INSTALLATION INSTRUCTIONS AND PARTS LIST

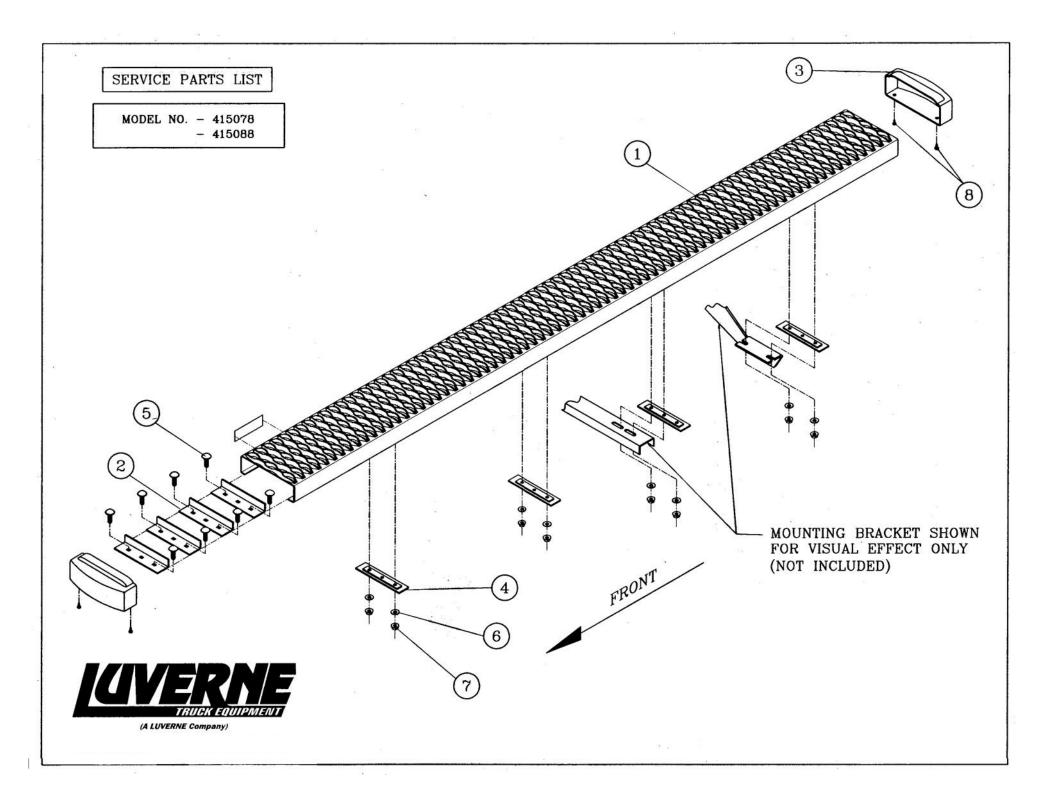
MODEL 415078, 415088, GRIP STEPS (BOARDS ONLY)
UNIVERSAL APPLICATIONS

- 1. Read instructions completely and check to make sure that all required parts (listed on the service parts list) are on hand before starting the installation.
- 2. Follow the instructions included with the specific bracket package that you are using to mount the brackets to your vehicle.
- 3. Step assembly:
 - 3.1 Before attaching the grip steps to the brackets, slide the appropriate number of support braces (item #2) into the channel of the step (item #1).
 - 3.2 Slide the end cap (item #3) over the front and rear of each step. Using the supplied #8 x 1/2" self drilling tek screw (item #8), screw the end cap to the bottom of the step.
- 4. Attaching the step to the mounting bracket:
 - 4.1 Set the step on the mounting brackets, and slide each support brace over the top of each mounting bracket. Attach the flat spacer plate (item #4) to the bottom of the step, between the support brace, and the top of the mounting bracket.
 - 4.2 Using the supplied 5/16-18 x 1" carriage bolt, washer, and flange nuts, (item #5, 6, 7), attach the step assembly, flat spacer plate and mounting bracket. (NOTE: Some of the flange nuts are supplied in the specific bracket package, not the step package.)
 - 4.3 Set the step plate in the correct position and tighten all fasteners. Torque all 5/16" fasteners to 19 LB FT.

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1 ,	551384	2	EXTRUSION-AL,77.62, GRIP STEP,BLK,415078
1	551385	2	EXTRUSION-AL,87.75,GRIP STEP,BLK,415088
2	551296	8	SUPPORT BRACE, UPPER, GALV
3	551394	4	CAP-END,GRIP STEP, BLACK, PLASTIC
4	551298	8	SPACER PLATE, LOWER, BLACK
5	108683	16	BOLT-CRG,5/16-18 X 1.0", SST
6	101369	16	WASHER-FLAT,5/16,SST
7	102680	16	NUT-SERR FLG,HX,SST,WX,5/16-18
8	107958	8	SCR-TEK #8-18 X 1/2",SST,BLK





INSTALLATION INSTRUCTIONS AND PARTS LIST

APPLICATION:

MODEL 400929 WHEEL TO WHEEL STEP BRACKETS:

2009 FORD F-150 REGULAR / SUPER CAB / SUPERCREW CAB PICKUPS

- 1. READ INSTRUCTIONS COMPLETELY AND CHECK TO MAKE SURE THAT ALL REQUIRED PARTS (LISTED ON THE SERVICE PARTS LIST) ARE ON HAND BEFORE STARTING THE INSTALLATION.
- 2. INSTALL 5/16" MULTI THREAD U-NUTS (ITEM #6) IN THE TOP REAR HOLE OF THE SECOND PATTERN FROM THE FRONT AND IN THE TOP FRONT HOLE OF THE THIRD PATTERN FROM THE FRONT AS SHOWN. INSTALL THESE U-NUTS SO THAT THE THREADS ARE TO THE INSIDE OF THE ROCKER PANEL. (THIS IS DONE BY INSERTING THE THREADED HALF OF THE U-NUT THRU THE LARGE ACCESS HOLES AND SLIDING THE U-NUT TOWARDS THE ROUND HOLE UNTIL IT SEATS IN THE ROUND HOLE).
- 3. **FRONT AND REAR BRACKET:** [SEE FIG 1] THESE BRACKETS WILL NEED TO BE APPROXIMATELY 6" FROM THE BACK OF THE CAB AND 6" FROM THE FRONT OF THE CAB AND WILL REQUIRE SOME DRILLING.
 - 3.1. CLAMP THE BRACKETS INTO POSITION. DRILL A (11/32") HOLE IN THE PINCH WELD AREA TO LINE UP WITH THE BOTTOM HOLE IN THE BRACKET.
 - 3.2. ATTACH THE BOTTOM OF THE BRACKET TO THE PINCH WELD WITH A 5/16" X 1.00" BLACK PLATED HEX HEAD CAP SCREW (ITEM #2), 5/16" BLACK PLATED FLAT WASHER (ITEM #3) AND 5/16" SERRATED FLANGE NUT (ITEM #5). LEVEL THE BRACKETS AND TIGHTEN THE BOLTS.
 - 3.3. DRILL A (7/32") HOLE INTO THE TOP OF THE ROCKER PANEL. INSTALL A SELF TAPPING SCREW (ITEM #10) INTO THE SMALL HOLE AND TIGHTEN, BE CAREFUL NOT TO OVER TIGHTEN.

SUPER CAB

- 4. ATTACH THE CENTER TWO MOUNTING BRACKETS (ITEM #1) TO THE VEHICLE.
 - 4.1. POSITION THE (2) BRACKETS ON THE VEHICLE SO THAT THE TOP HOLE LINES UP WITH THE MULTI THREAD U-NUT AND THE HOLE IN THE OFFSET LINES UP WITH THE HOLE IN THE PINCH WELD. ATTACH THE TOP OF THE BRACKET WITH A 5/16" X 1.00" ZINC PLATED HEX HEAD CAP SCREW (ITEM #8) AND 5/16" ZINC PLATED FLAT WASHER (ITEM #9). ATTACH THE BOTTOM OF THE BRACKET TO THE PINCH WELD WITH A 5/16" X 1.00" BLACK PLATED HEX HEAD CAP SCREW (ITEM #2), 5/16" BLACK PLATED FLAT WASHER (ITEM #3) AND 5/16" SERRATED FLANGE NUT (ITEM #5). LEVEL THE BRACKETS AND TIGHTEN THE FASTENERS.

SUPERCREW ONLY

- 5. ATTACH THE SECOND FROM THE FRONT MOUNTING BRACKET (ITEM #1) TO THE VEHICLE.
 - 5.1. ATTACH ANGLE BRACKET (ITEM #7) TO MOUNTING BRACKET (ITEM #1) WITH A 5/16" X 1.00" ZINC PLATED HEX HEAD CAP SCREW (ITEM #8) AND 5/16" ZINC PLATED FLAT WASHER (ITEM #9). AND A 5/16" SERRATED FLANGE NUT (ITEM #5) TOGETHER WITH THE ANGLE TOWARDS THE MULTI THREAD U-NUT IN THE HOLE THAT IS OFFSET FROM THE PINCH WELD HOLE. REPEAT STEP 4.1 USING ANGLE BRKT.
- 6. ATTACH INBOARD BRACKET (ITEM# 12 LH & ITEM# 13 RH) AND OUTBOARD BRACKET (ITEM# 11) TOGETHER USING 5/16" X 1.00" BLACK ZINC PLATED HEX HEAD CAP SCREW (ITEM# 2) AND 5/16" BLACK ZINC PLATED FLAT WASHERS (ITEM# 3) AND SERRATED FLANG NUT BLACK ZINC (ITEM# 4). FINGER TIGHT ONLY UNTIL BOARD IS POSITIONED.
 - 6.1 REMOVE FACTORY NUT FROM SHACKLE MOUNT. PLACE BRACKET OVER STUD AND REPLACE FACTORY NUT. FINGER TIGHTEN ONLY.



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MODEL 400929 WHEEL TO WHEEL STEP BRACKETS:

2009 FORD F-150 REGULAR / SUPER CAB / SUPERCREW CAB PICKUPS

7. ATTACHING THE STEP ASSEMBLY:

PLEASE REVIEW THE INSTALLATION INSTRUCTIONS THAT ARE INCLUDED IN YOUR STEP ASSEMBLY FOR SPECIFIC DETAILS.

TORQUE ALL 5/16" FASTENERS TO 19 LB FT. TORQUE THE 3/4" FASTENERS TO 65 LB FT.

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION		
PARTS INCLUDED IN THE BRACKET PACKAGE					
1	551851	8	MOUNTING BRACKET, BLK, F150, GRIP STEP		
2	106997	12	SCREW- HEX HEAD CAP, 5/16_18 UNC X 1.00", SST, BZP		
3	106998	12	WSHR-PL, A, SST, 5/16,.375 ID X .875 OD X .083 THK, BZP		
4	106996	4	NUT-FLG,HEX,SST,5/16-18 BZP		
5	102680	10	NUT-SERR FLG,HX,SST,WX,5/16-18		
6	104264	4	U-NUT- MULTI THREAD, 5/16-18 UNC, STL, BLK		
7	551559	2	BRKT-MTG,ANGLE, 09 F-150		
8	100647	6	SCREW- HEX HEAD CAP, 5/16_18 UNC X 1.00".ZP		
9	100034	6	WSHR-PL, A, STL, 5/16,.375 ID X .875 OD X .083 THK, ZP		
10	104267	4	5/16"X3/4" SELF TAPPING SCREW		
11	552125	2	BRKT-STEP, REAR,OUTBOARD		
12	551875	1	BRKT-STEP, REAR, INBOARD, LH, W2W, GRIP STEP		
13	551876	1	BRKT-STEP, REAR, INBOARD, RH, W2W,GRIP STEP		



