

## INSTALLATION INSTRUCTIONS AND PARTS LIST

### MODELS:

477097, 477101, 477113 (EXTENDED CABS)  
477102, 477108, 477114, 477125 (CREW CABS)  
REGAL 7 OVAL 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. The step is pre-assembled from the factory. The serial number label is located on the front inside drivers side step assembly.
4. Attaching the step to the mounting bracket:
  - 4.1 Set the step on the mounting brackets, and slide each support mounting plate (item #9) inside the oval step and above each bracket.
  - 4.2 Using the supplied 5/16-18 x 1" black stainless steel hex bolt, washer, and serrated flange nut (items # 10,11&12) attach the step assembly, support mounting plate and mounting bracket.
  - 4.3 Set the step plate in the correct position and tighten all fasteners.  
Torque all 5/16" fasteners to 19 LB FT.



(A LUVERNE Company)

1200 E. Birch St.

Brandon, SD 57005

REV A 31JUL12  
552088 SHEET 1 OF 3 07MAY12

# 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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APPLICATION:

**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
<b>PARTS INCLUDED IN THE BRACKET PACKAGE</b>			
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



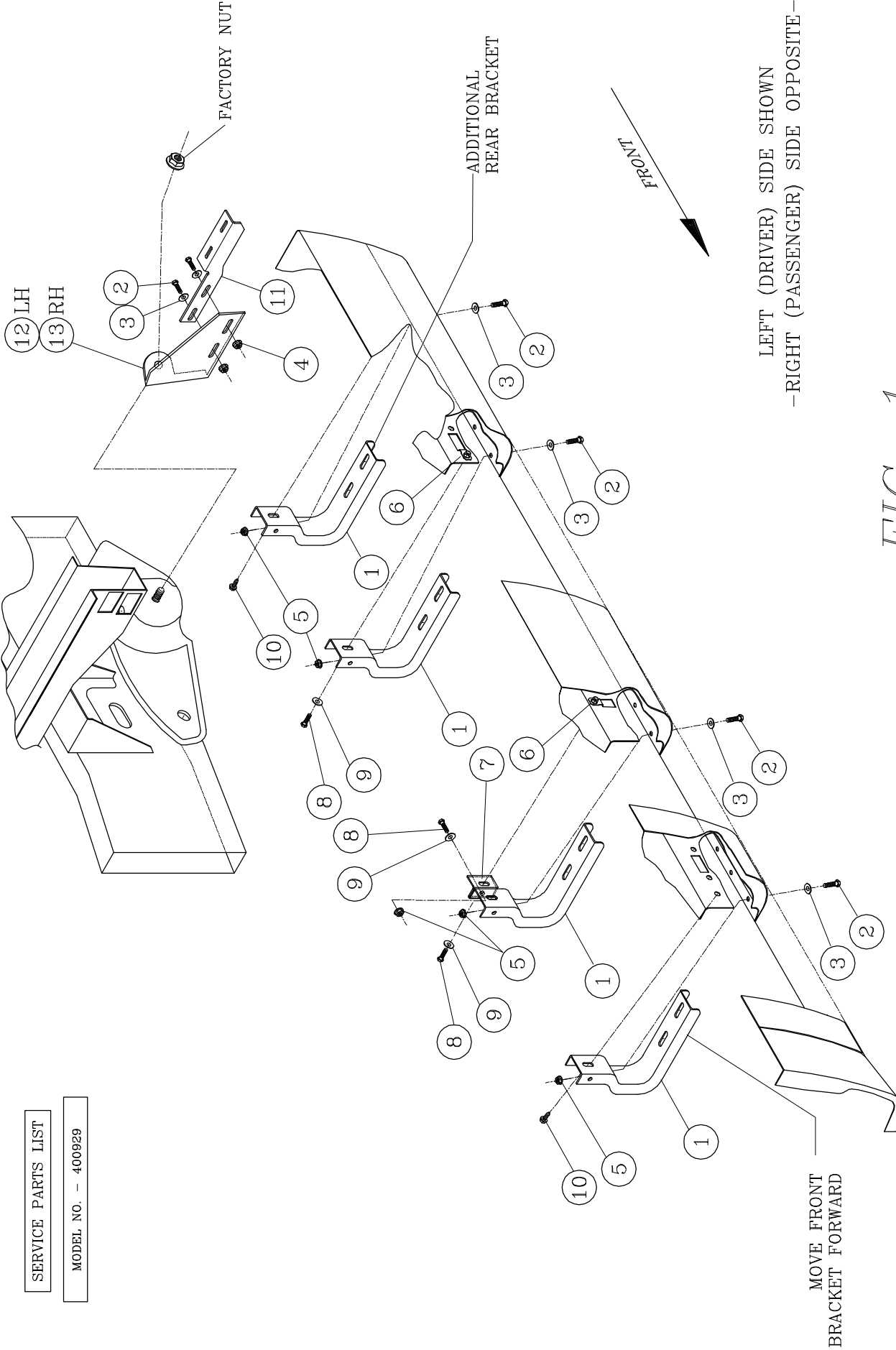
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SERVICE PARTS LIST

MODEL NO. - 400929



LEFT (DRIVER) SIDE SHOWN  
-RIGHT (PASSENGER) SIDE OPPOSITE-

FIG. 1

## SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	552074	1	REGAL 7 OVAL STEP, LH,96",477097, EXT CAB
2	552075	1	REGAL 7 OVAL STEP, RH,96",477097, EXT CAB
1	552076	1	REGAL 7 OVAL STEP, LH,100",477101, EXT CAB
2	552077	1	REGAL 7 OVAL STEP, RH,100",477101, EXT CAB
1	552078	1	REGAL 7 OVAL STEP, LH,112",477113, EXT CAB
2	552079	1	REGAL 7 OVAL STEP, RH,112",477113, EXT CAB
1	552080	1	REGAL 7 OVAL STEP, LH,100",477102, CREW CAB
2	552081	1	REGAL 7 OVAL STEP, RH,100",477102, CREW CAB
1	552501	1	REGAL 7 OVAL STEP, LH, 106",477108, CREW CAB
2	552502	1	REGAL 7 OVAL STEP, RH, 106",477108, CREW CAB
1	552082	1	REGAL 7 OVAL STEP, LH,112",477114, CREW CAB
2	552083	1	REGAL 7 OVAL STEP, RH,112",477114, CREW CAB
1	552084	1	REGAL 7 OVAL STEP, LH,123",477125, CREW CAB
2	552085	1	REGAL 7 OVAL STEP, RH,123",477125, CREW CAB
3	109233	2	END CAP LH REAR, RH FRONT,BLK PLASTIC
4	109232	2	END CAP RH REAR, LH FRONT,BLK PLASTIC
5	107863	8	BOLT-CARRAIGE, 10-24 X 0.50,SST, BLACK
6	108909	6	STEP PAD, 25" X 6.5", PLASTIC, BLACK
7	108908	36	BOLT-CARRAIGE, 10-24 X 1.0,SST, BLACK
8	107864	44	NUT-NYLOCK, 10-24, SST
9	552052	10	SUPPORT MTG PLT, 11 GA, GALV
10	106997	20	SCREW-HEX HD, 5/16-18X1.0,SST,BLACK
11	106998	20	WSHR-FLAT, 5/16, SST, BLACK
12	102680	20	NUT-SER FLG, 5/16-18, SST
13	108913	2	STEP PAD, 15" X 6.5", PLASTIC (IF NEEDED)



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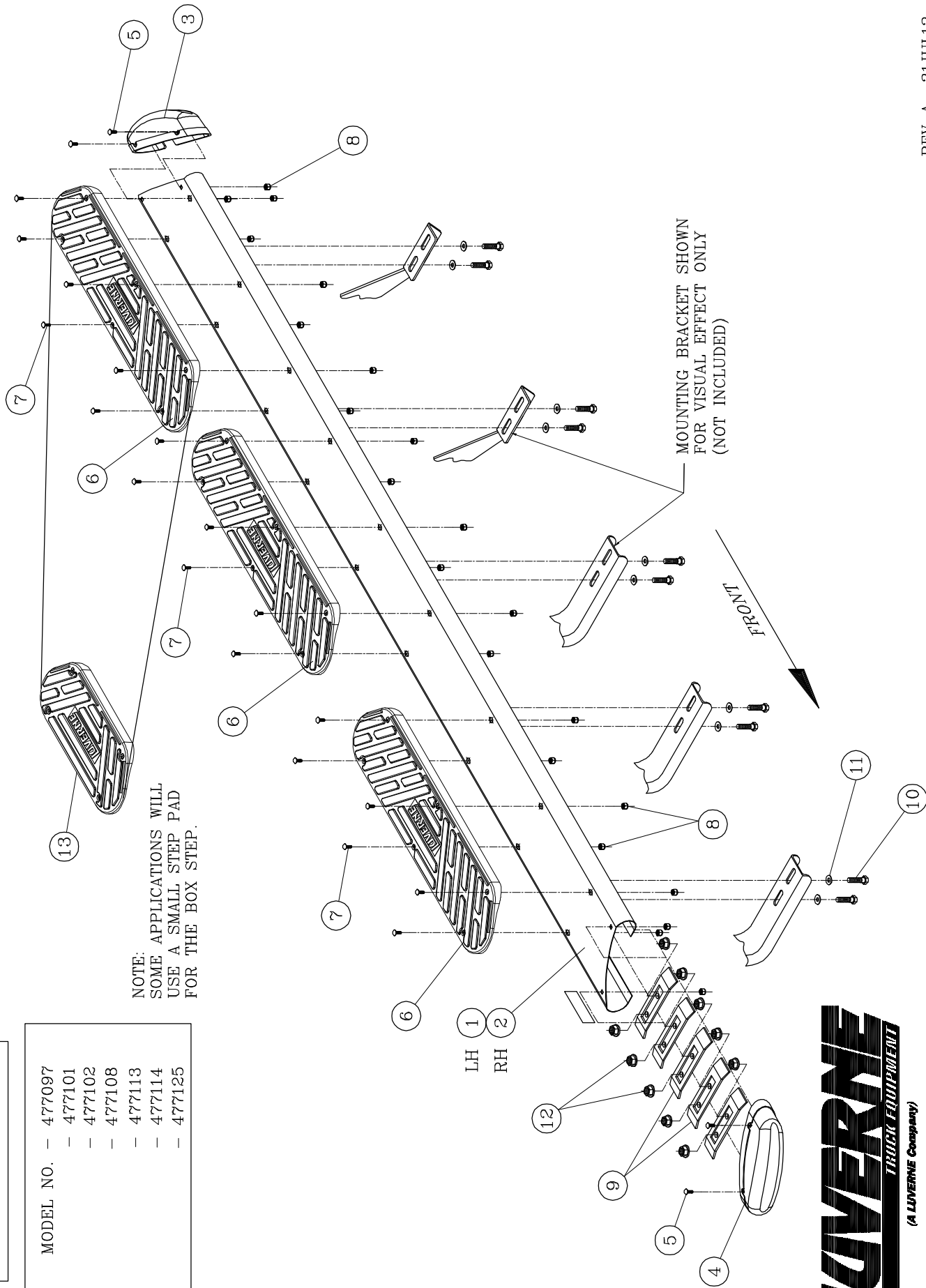
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SERVICE PARTS LIST

MODEL NO.	-	477097
	-	477101
	-	477102
	-	477108
	-	477113
	-	477114
	-	477125

NOTE:  
SOME APPLICATIONS WILL  
USE A SMALL STEP PAD  
FOR THE BOX STEP.



**LAVERNE**  
TRUCK EQUIPMENT  
(A LUVERNE Company)

1200 E. Birch St.

Brandon, SD 57005