

# 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



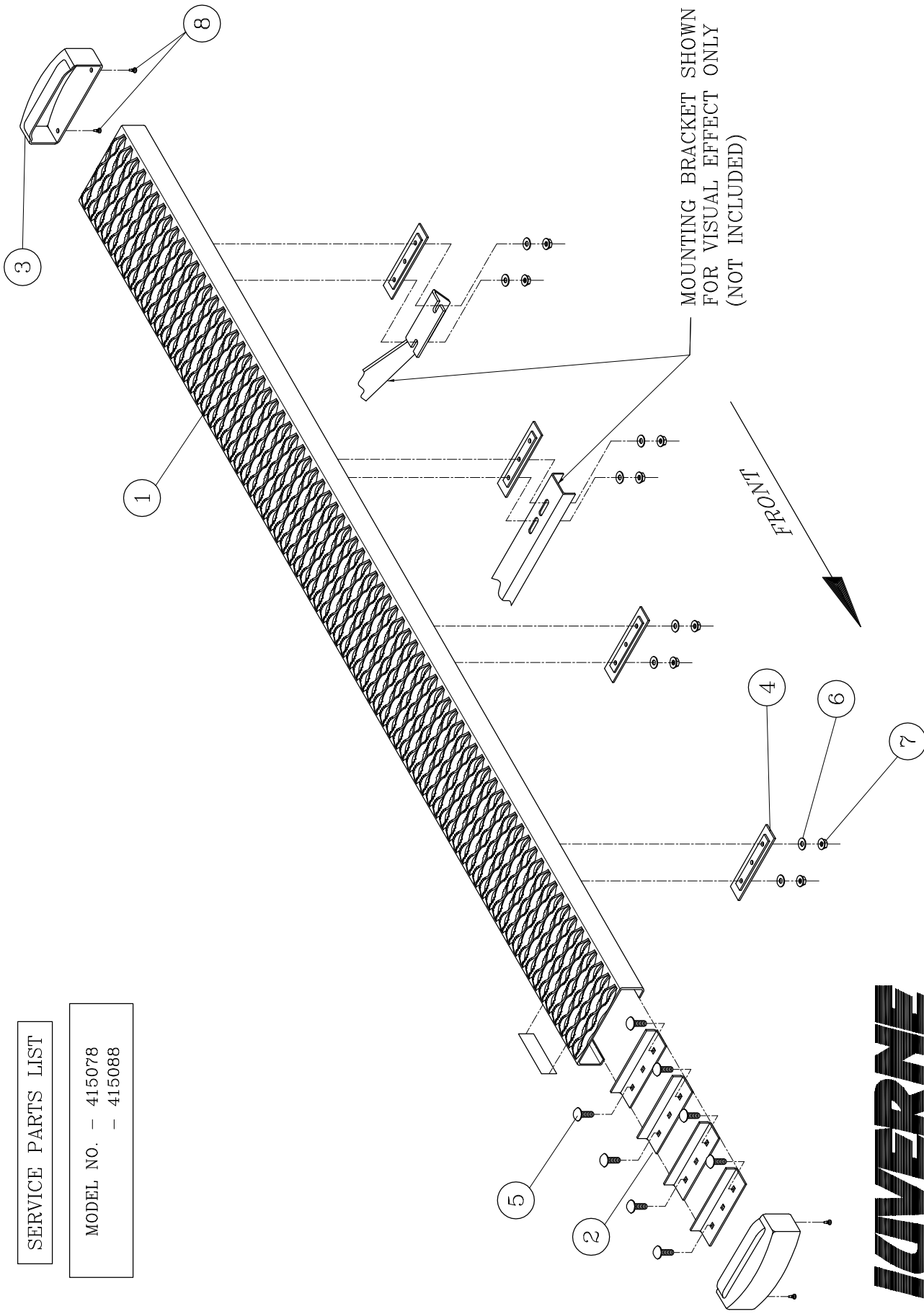
1200 E. Birch St.

Brandon, SD 57005

REV B 03DEC10  
REV A 10JUL09  
551267 SHEET 1 OF 2 20AUG08

SERVICE PARTS LIST

MODEL NO. - 415078  
 - 415088



(A LOVERNE Company)

1200 E. Birch St.  
 Brandon, SD 57006

551267 SHEET 2 OF 2 20AUG08  
 REV A 10JUL09  
 REV B 03DEC10

# INSTALLATION INSTRUCTIONS AND PARTS LIST

APPLICATION:

**MODEL 409922 STEP BRACKETS:**

**1999 AND NEWER FORD SUPER DUTY SUPER/CREW 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 #8) IN THE TOP REAR HOLE OF THE FIRST, SECOND AND THIRD PATTERNS AND IN THE FRONT TOP HOLE OF THE FIFTH OR REAR PATTERN 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. ATTACH THE MOUNTING BRACKETS TO THE VEHICLE AS FOLLOWS: [SEE FIG. 1]  
**(NOTE: THE FRONT MOUNTING BRACKET, ITEM #1, HAS A 3/16" OFFSET AT THE TOP OF THE BRACKET).**
  - 3.1. POSITION THE BRACKETS (ITEM #1,2) ON THE VEHICLE SO THAT THE TOP HOLE LINES UP WITH THE MULTI THREAD U-NUT AND THE BOTTOM HOLE 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 #6) AND 5/16" ZINC PLATED FLAT WASHER (ITEM #7). ATTACH THE BOTTOM OF THE BRACKET TO THE PINCH WELD WITH A 5/16" X 1.00" BLACK PLATED HEX HEAD CAP SCREW (ITEM #3), 5/16" BLACK PLATED FLAT WASHER (ITEM #4) AND 5/16" SERRATED FLANGE NUT (ITEM #5). LEVEL THE BRACKETS AND TIGHTEN THE BOLTS.
4. ATTACHING THE STEP ASSEMBLY:  
PLEASE REVIEW THE INSTALLATION INSTRUCTIONS THAT ARE INCLUDED IN YOUR STEP ASSEMBLY FOR SPECIFIC DETAILS.

## SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
<b>PARTS INCLUDED IN THE BRACKET PACKAGE</b>			
1	551855	2	BRKT- MTG, STEP, SUPER DUTY PICKUP, FRONT
2	551854	6	BRKT- MTG, STEP, SUPER DUTY PICKUP
3	106997	8	SCREW- HEX HEAD CAP, 5/16-18 UNC X 1.00", SST, BZP
4	106998	8	WSHR-PL, A, SST, 5/16,.375 ID X .875 OD X .083 THK, BZP
5	102680	8	NUT-SERRATED FLANGE, HEX, SST, 5/16-18 UNC
6	100647	8	SCREW- HEX HEAD CAP, 5/16-18 UNC X 1.00".ZP
7	100034	8	WSHR-PL, A, STL, 5/16,.375 ID X .875 OD X .083 THK, ZP
8	104264	8	U-NUT- MULTI THREAD, 5/16-18 UNC, STL, BLK



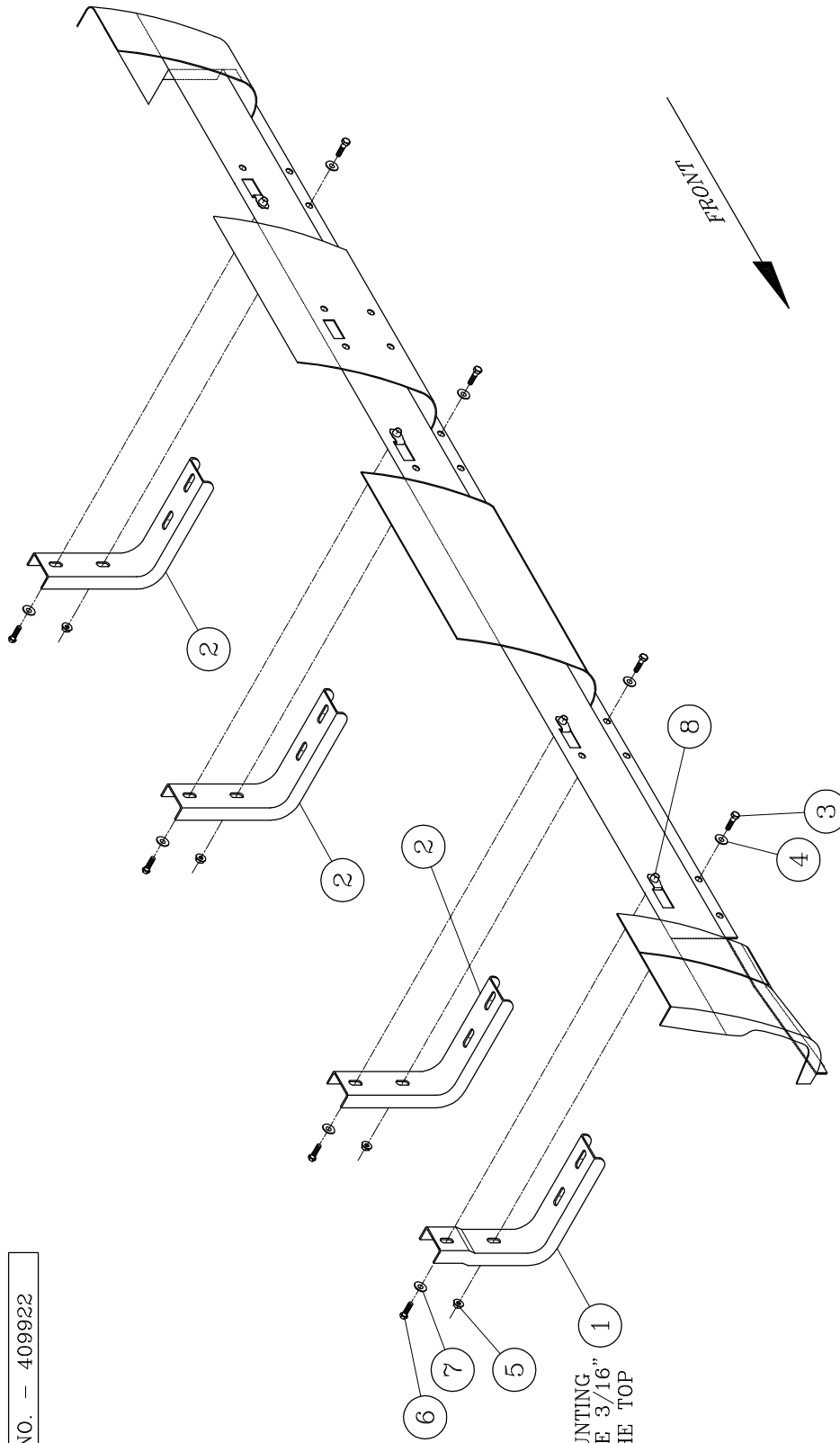
1200 E. Birch St.

Brandon, SD 57005

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551857 SHEET 1 OF 2 09JUN10

SERVICE PARTS LIST

BRACKET NO. - 409922



FRONT MOUNTING  
BRACKETS HAVE 3/16"  
OFFSET AT THE TOP

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

FIG. 1



(A LOVERNE COMPANY)  
1200 E. Birch St.  
Brassfield, SD 57005

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