

INSTALLATION INSTRUCTIONS AND PARTS LIST

MODEL 415100, 36" & 98" GRIP STEPS (BOARDS ONLY)

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 BRACKETS:
 - 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.
 - 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	551699	1	EXTRUSION-AL,36.00, GRIP STEP,BLK,415100
1	551888	1	EXTRUSION-AL,98.00,GRIP STEP,BLK,415100
2	551296	7	SUPPORT BRACE, UPPER, GALV
3	551394	4	CAP-END,GRIP STEP, BLACK, PLASTIC
4	551298	7	SPACER PLATE, LOWER, BLACK
5	108683	14	BOLT-CRG,5/16-18 X 1.0", SST
6	101369	14	WASHER-FLAT,5/16,SST
7	102680	14	NUT-SERR FLG,HX,SST,WX,5/16-18
8	107958	8	SCR-TEK #8-18 X 1/2",SST,BLK



(A LIVERNE Company)

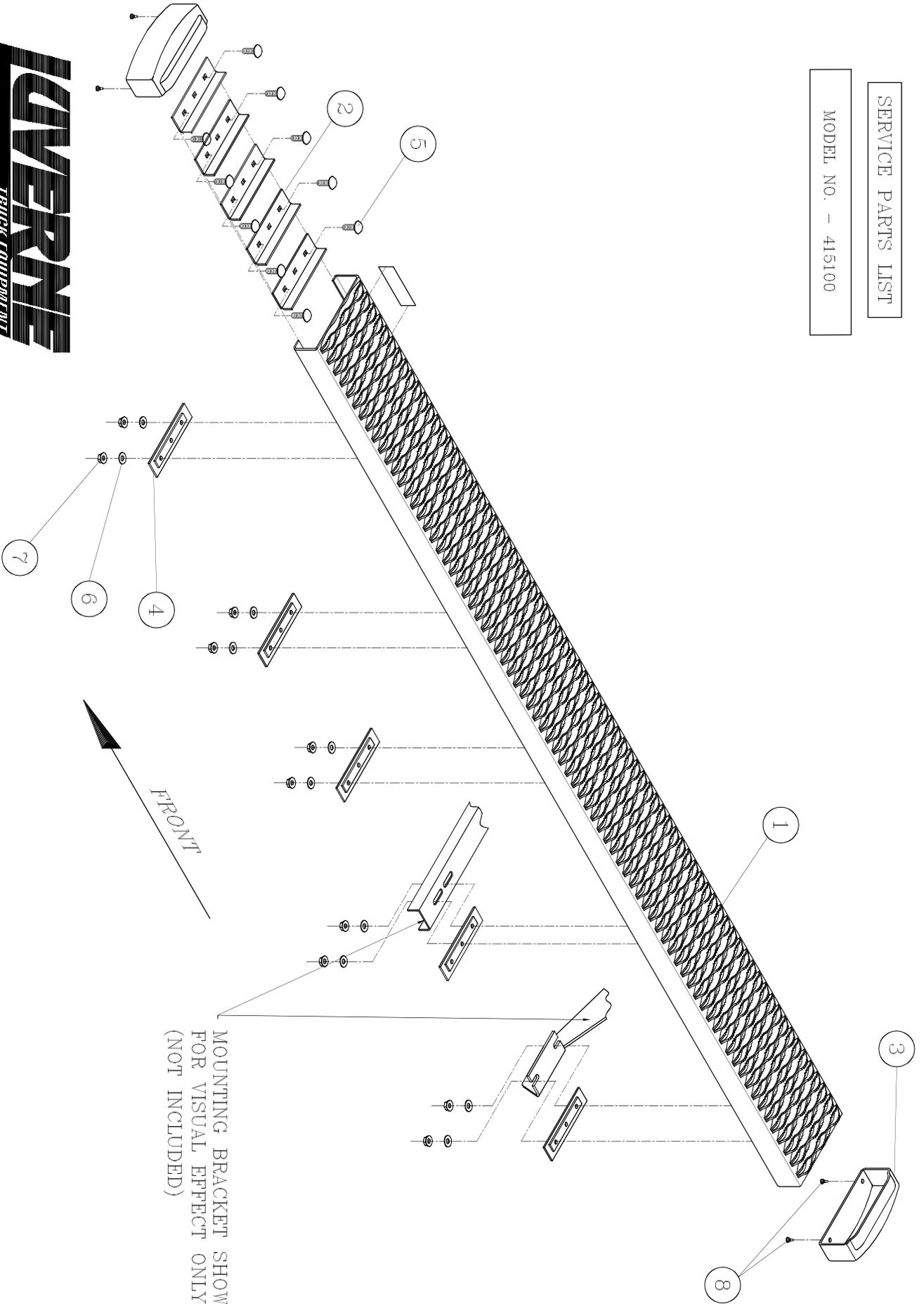
1200 E. Birch St.

Brandon, SD 57005

551897 SHEET 1 OF 3 06APR11

SERVICE PARTS LIST

MODEL NO. - 415100



MOUNTING BRACKET SHOWN
FOR VISUAL EFFECT ONLY
(NOT INCLUDED)

LOUVERNE
TRIGER COMPONENT

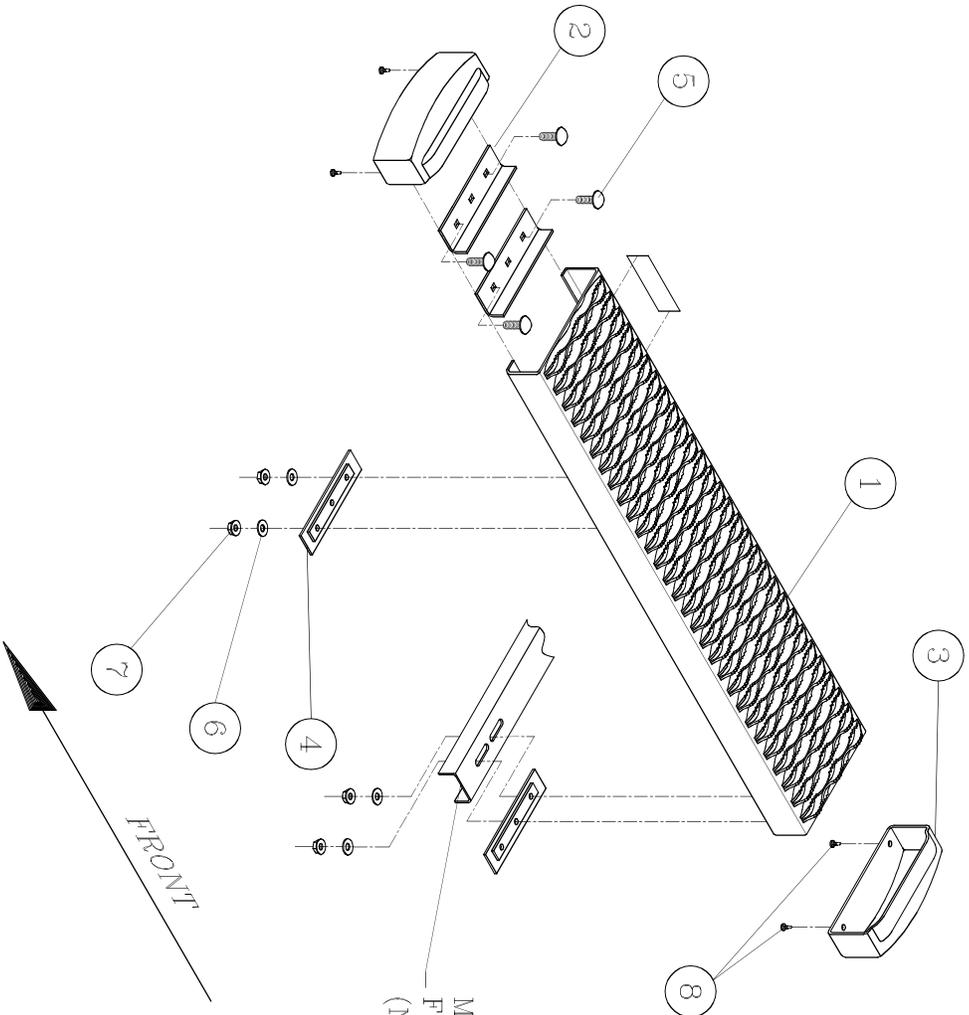
(A LOUVERNE Company)

1200 E. Birch St.

Brandon, SD 57005

SERVICE PARTS LIST

MODEL NO. - 415100



MOUNTING BRACKET SHOWN
FOR VISUAL EFFECT ONLY
(NOT INCLUDED)

LOUVERNE
TRUCK EQUIPMENT
(A LUYERNE Company)

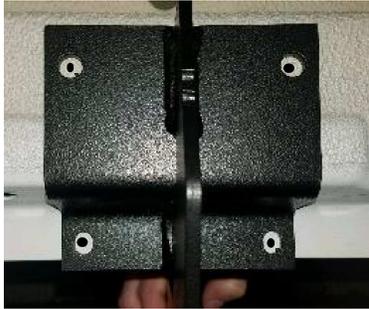
1200 E. Birch St.

Berwyn, SD 57005

Step 1

Starting on the Passanger side, locate mounting locations as shown in Fig 1 and Fig 3.

Hold each bracket in its mounting locations and mark each hole on the rocker and pinch weld.



Step 2

From the under side of the plastic rocker molding use a flat head screw drive to release the bottom push pins.

NOTE: Do not remove plastic trim all the way only release the bottom push pins.



Step 3

Starting on the first bracket using a 3/32" drill bit, drill a pilot hole in each of the marked spots followed by a 3/8" drill bit.

NOTE: Place a Putty knife between the pinch weld and the plastic rocker molding to avoid damaging molding from drilling.



Step 4



Using the 3" U-Bolt put it through the top 2 mounting holes and secure with (2) plastic bolt retainer.

Slide (2) Clip Nuts on the pinch weld for the bottom mounting locations.

Slide the front mounting bracket on the U-Bolts and secure with (2) 5/16 flat washers (2) 8mm nuts on the studs, and (2) 5/16 lock washer and (2) 8mm bolts in the clip nuts.

Leave all brackets loose until the end.

Repeat for 2nd bracket

Step 5

Move to the 3rd & 4th mounting brackets, **models with factory studs** will use those as mounting locations. **Models with out factory studs** will have holes pre drilled in the rocker panel and will use the 3.75" U-Bolts with the plastic bolt retainer.

Repeat steps 3&4 for the bottom mounting Holes.



Step 6



Continue along the side of the vehicle to the 5th mounting bracket repeat steps 3, 4 for the lower mounting holes.

Insert the 8mm T-bolt weldment with a plastic retainer clip to secure it in place.

Slide the rear mounting bracket on the T-Bolts and secure with (1) 8mm nuts and (2) 8mm bolts.

NOTE: Leave all brackets loose until the end

Step 7

Moving to the driver side, locate mounting locations using Fig 2 and Fig 4.



Step 8

Assemble the AC bracket using the (2) M8 Bolts, (2) 5/16 washers, (2) M8 nuts.



Step 9



After assembling the AC bracket place along the pinch seam using Fig. 2 and Fig. 4 marking the 4 hole locations

Step 10

Drill the 2 upper holes with a 19/64 drill bit and the bottom 2 with a 3/8 drill bit

NOTE: THE 2 TOP HOLES WILL USE SELF THREADING BOLTS.



Step 11



Slide 2 clip nuts on the pinch weld for lower holes attach the AC bracket using (2) 8MM Bolts and (2) 5/16 Lock Washers on the bottom Clip Nuts and (2) 5/16 Thread Cutting Bolt and (2) 5/16 lock washers on the upper holes

Step 12

Leave ALL brackets Loose at this time. Please Review the installation instructions that are included in your step assembly for specific details. Place step board on brackets tighten all brackets so the board is level.

**PARTS LIST
FOR MOUNTING 401724 MEGA STEP BRACKETS
2015 AND NEWER FORD TRANSIT VAN**

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	553193	3	FRONT MOUNTING BRACKET
2	553196	2	MIDDLE MOUNTING BRACKET
3	553199	1	REAR MOUNTING BRACKET
4	553202	1	AC MOUNTING BRACKET
5	553212	1	AC TOP MOUNTING BRACKET
6	101795	3	U-BOLT 3.00
7	101796	2	U-BOLT 3.75
8	107182	4	WSHR-SPCR, NYL, BLK
9	101572	13	BOLT RETAINER
10	100030	16	5/16 LOCK WASHER
11	100034	2	5/16 WASHER
12	105859	13	M8 FLANGE NUT
13	102549	16	M8 HEX BOLT
14	101566	14	M8 CLIP NUT
15	109177	2	5/16 THREAD CUTTING BOLT
16	553221	1	T-BOLT WLDMNT

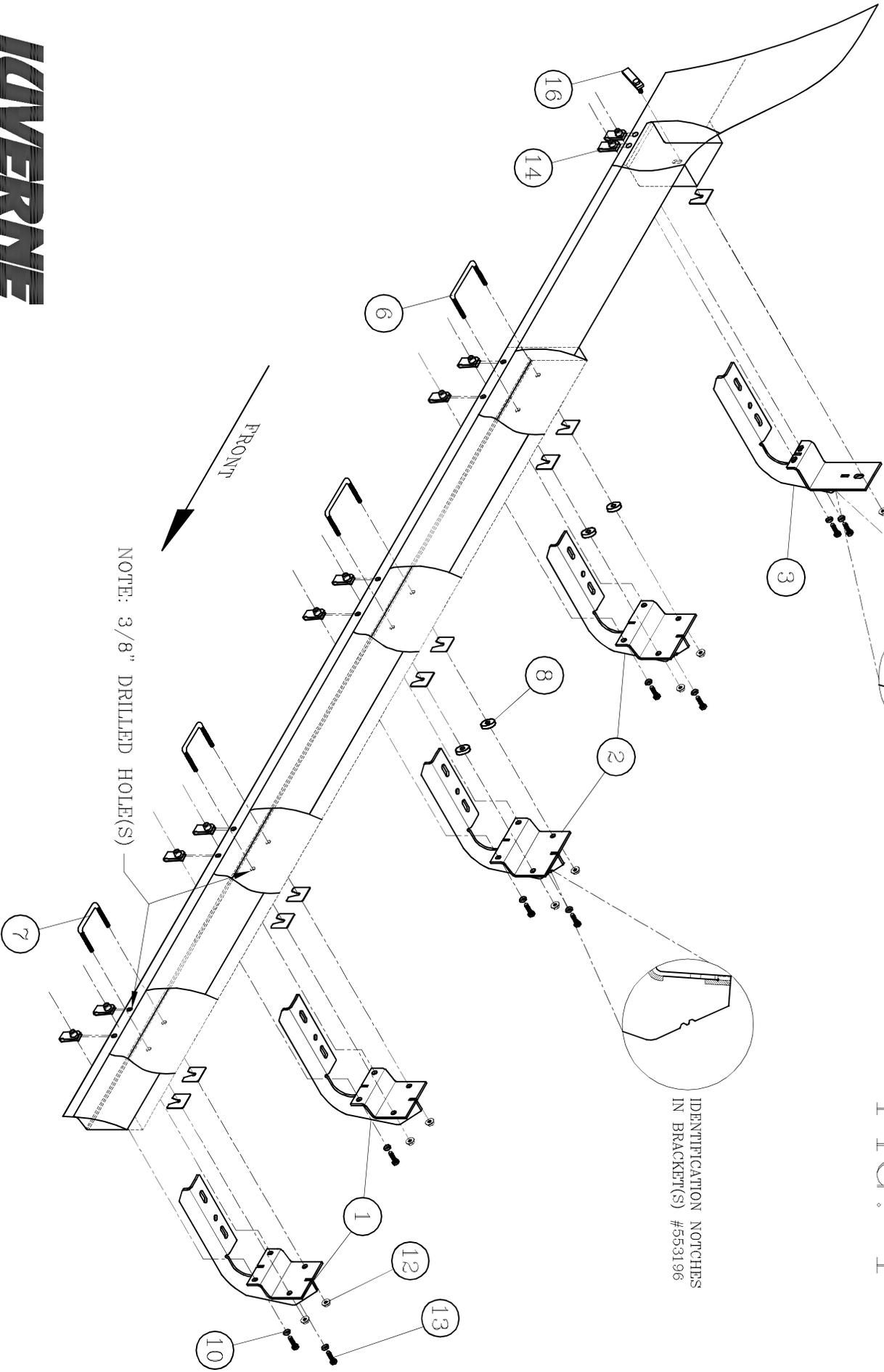


SERVICE PARTS LIST

BRACKET NO. - 401724

IDENTIFICATION NOTCHES
IN BRACKET(S) #553199

FIG. 1



NOTE: 3/8" DRILLED HOLE(S)

-RIGHT (PASSENGER) SIDE SHOWN-

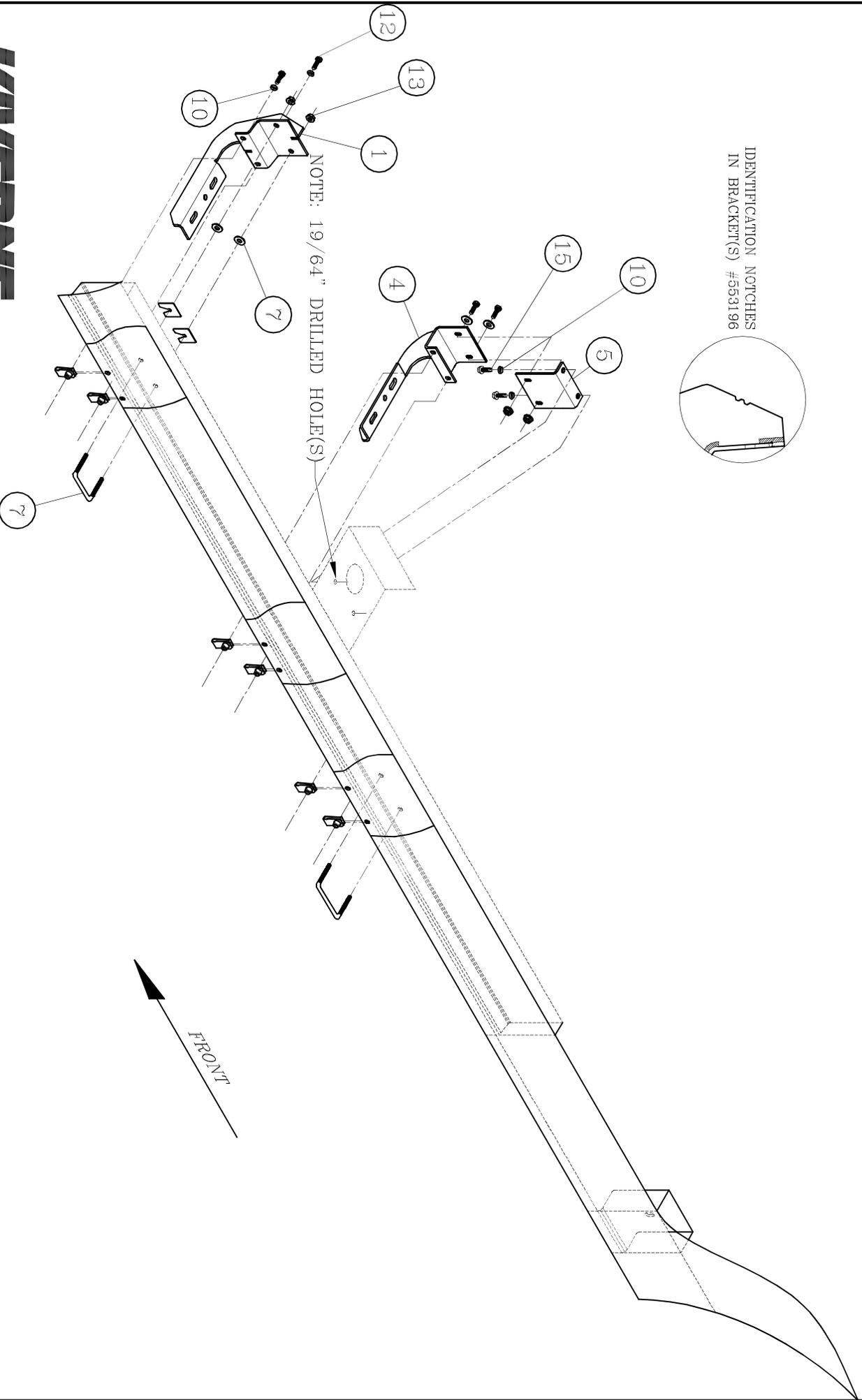
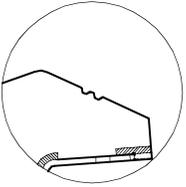


SERVICE PARTS LIST

BRACKET NO. - 401724

FIG. 2

IDENTIFICATION NOTCHES
IN BRACKET(S) #553196



NOTE: 19/64" DRILLED HOLE(S)

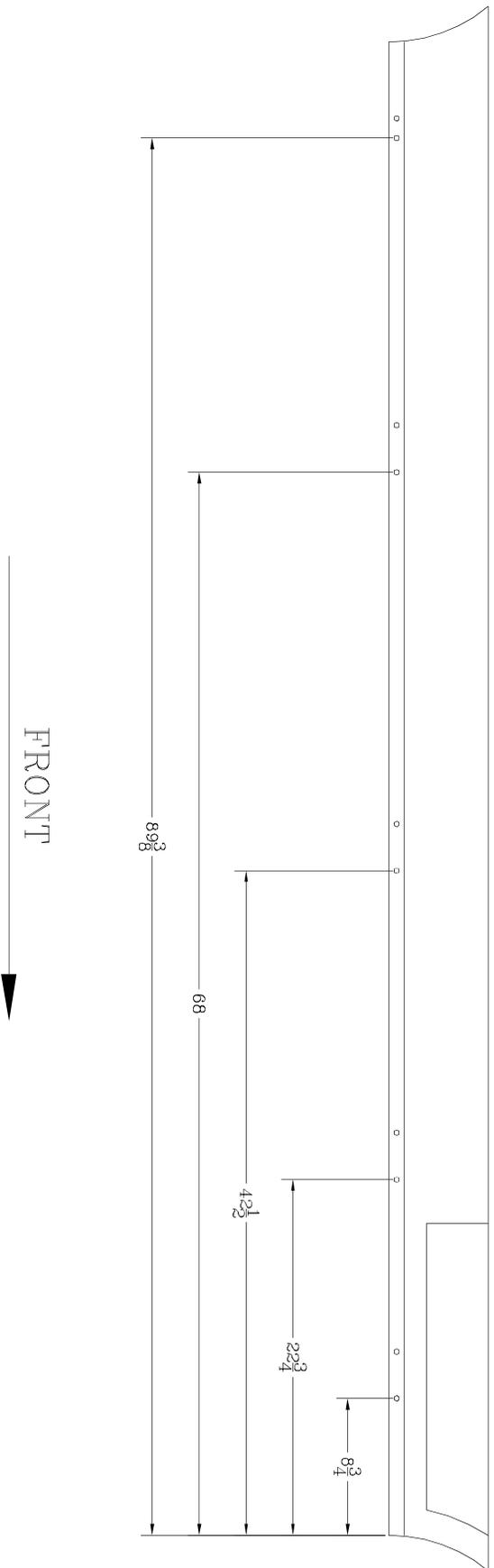


-LEFT (DRIVER) SIDE OPPOSITE-

FIG. 3

-RIGHT (PASSENGER) SIDE SHOWN-

NOTE:
THESE DIMENSIONS MAY NEED TO BE ADJUSTED FORWARD, OR BACKWARD
TO AVOID DRILLING THROUGH SPOT WELDS IN THE PINCH SEAM.



SERVICE PARTS LIST

BRACKET NO. - 401724

FIG. 4
-LEFT (DRIVERS) SIDE SHOWN-

NOTE:
THESE DIMENSIONS MAY NEED TO BE ADJUSTED FORWARD, OR BACKWARD
TO AVOID DRILLING THROUGH SPOT WELDS IN THE PINCH SEAM.

