

# INSTALLATION INSTRUCTIONS AND PARTS LIST

MODEL 415114, 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 to mount the brackets to your vehicle.
3. Step assembly:
  - 3.1 This Board can be modified from its original length to fit many applications. Simply determine how long you will need the board, and cut to that length using a saber saw, chop saw, or hack saw. Use flat black paint to touch up the ends that were cut.
  - 3.2 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).
  - 3.3 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 fasteners to 19 LB FT.

## SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	551888	2	EXTRUSION-AL,97.87,GRIP STEP,BLK,415098
1	551889	2	EXTRUSION-AL,101.25,GRIP STEP,BLK,415102
1	551388	2	EXTRUSION-AL,113.62,GRIP STEP,BLK,415114
2	551296	10	SUPPORT BRACE, UPPER, GALV.
3	551394	4	CAP-END,GRIP STEP, BLACK, PLASTIC
4	551298	14	SPACER PLATE, LOWER, BLACK
5	108683	20	BOLT-CRG,5/16-18 X 1.0", SST
6	101369	20	WASHER-FLAT,5/16,SST
7	102680	20	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 C 01APR12

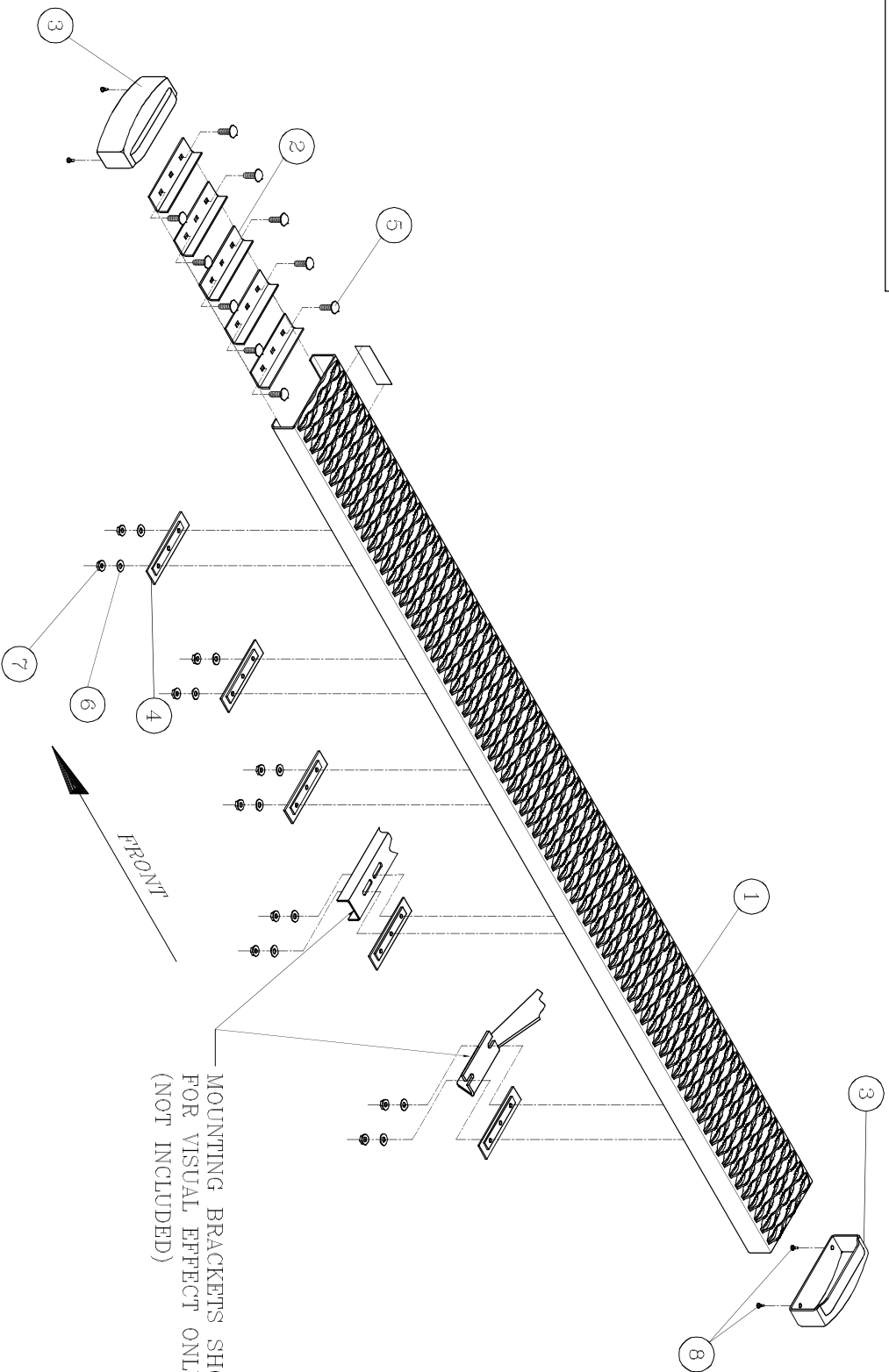
REV B 03DEC10

REV A 10JUL09

551391 SHEET 1 OF 2 01JUN09

SERVICE PARTS LIST

MODEL NO. - 415098  
 415102  
 415114



MOUNTING BRACKETS SHOWN  
 FOR VISUAL EFFECT ONLY  
 (NOT INCLUDED)



1200 E. BRYAN ST.  
 DUNDAS, ON G7W0G5

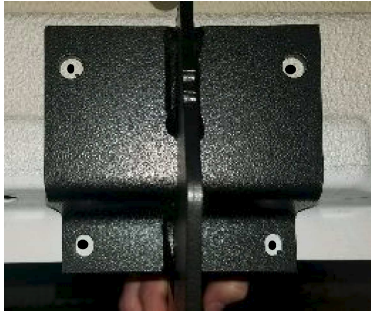
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 REV B 03DEC10  
 REV A 10JUL09



**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.

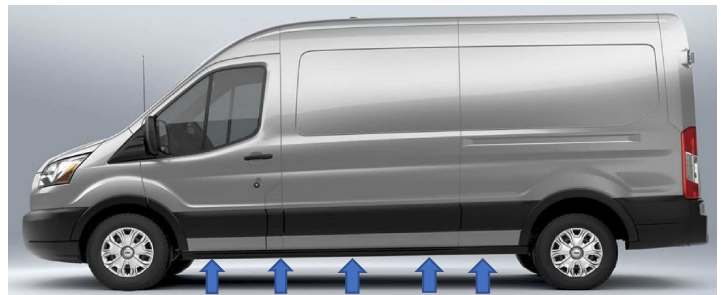
Insert the 8mm T-bolt weldment with a plastic retainer clip to secure it in place.

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



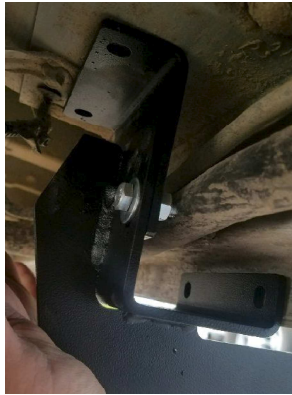
Repeat steps 1-6 to install **1st, 3rd, 4th, and 5th**

Step 9

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



Step 10

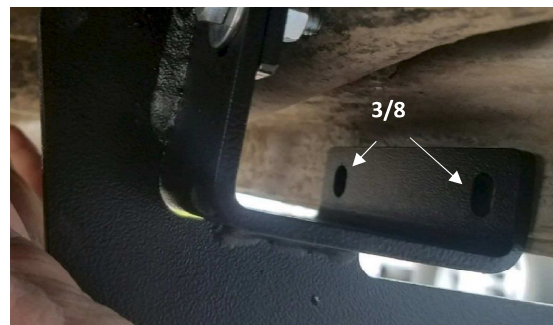
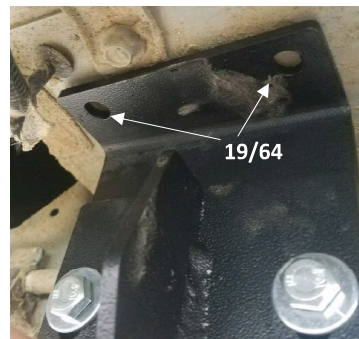


After assembling the AC bracket place along the pinch seam using Fig. 2 and Fig. 4 marking the 4 hole locations

Step 11

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 12



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 13

**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 401725 MEGA STEP BRACKETS  
2015 AND NEWER FORD TRANSIT VAN**

**SERVICE PARTS LIST**

<b>ITEM</b>	<b>PART NO.</b>	<b>QTY</b>	<b>DESCRIPTION</b>
1	553193	3	FRONT MOUNTING BRACKET
2	553196	4	MIDDLE MOUNTING BRACKET
3	553199	2	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	4	U-BOLT 3.75
8	107182	8	WSHR-SPCR, NYL, BLK
9	101572	16	BOLT RETAINER
10	100030	22	5/16 LOCK WASHER
11	100034	8	5/16 WASHER
12	105859	18	M8 FLANGE NUT
13	102549	22	M8 HEX BOLT
14	101566	20	M8 CLIP NUT
15	109177	2	5/16 THREAD CUTTING BOLT
16	553221	2	T-BOLT WLDMNT

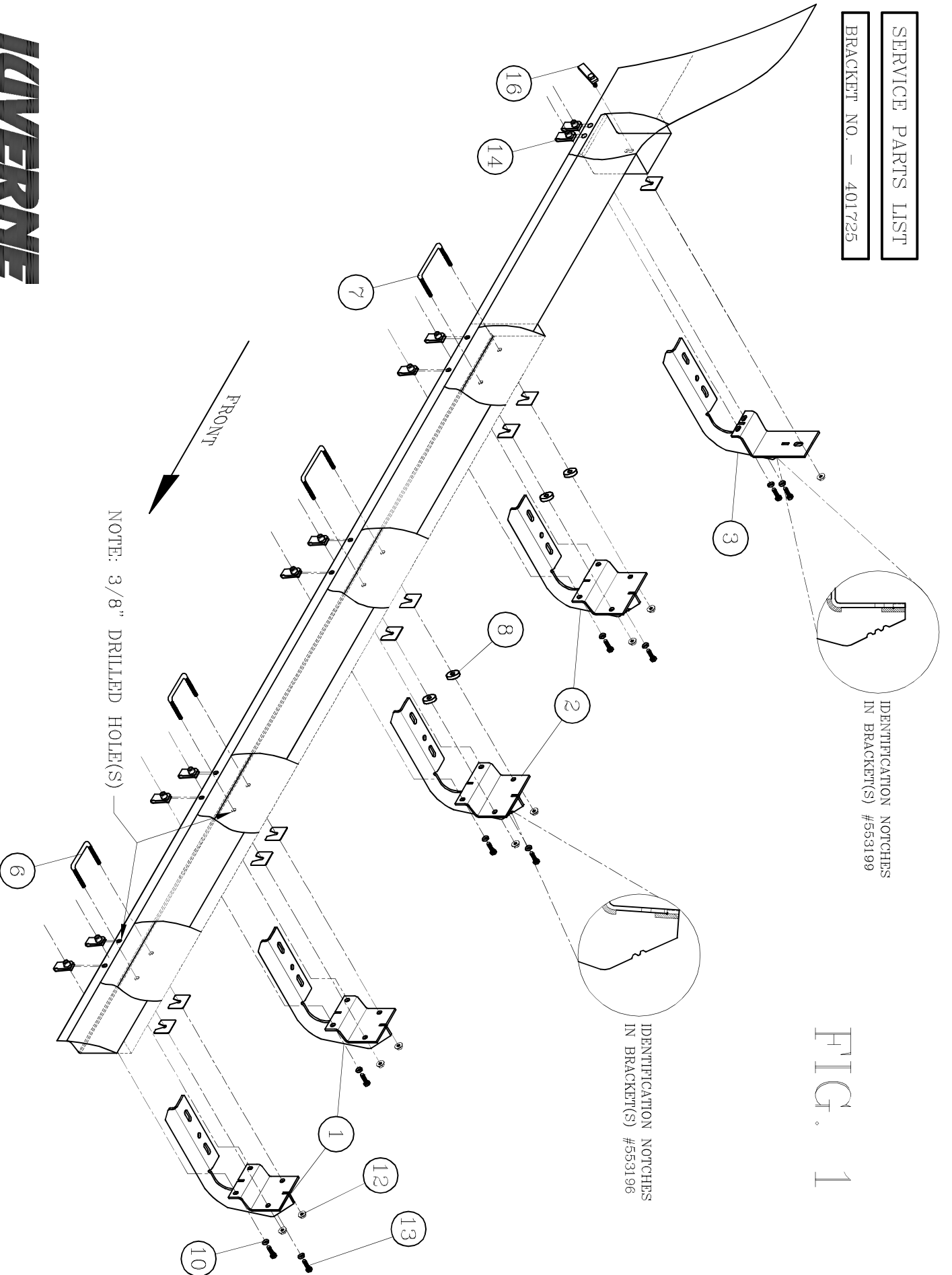


SERVICE PARTS LIST

BRACKET NO. - 401725

IDENTIFICATION NOTCHES  
IN BRACKET(S) #553199

FIG. 1



NOTE: 3/8" DRILLED HOLE(S)

-RIGHT (PASSENGER) SIDE SHOWN-



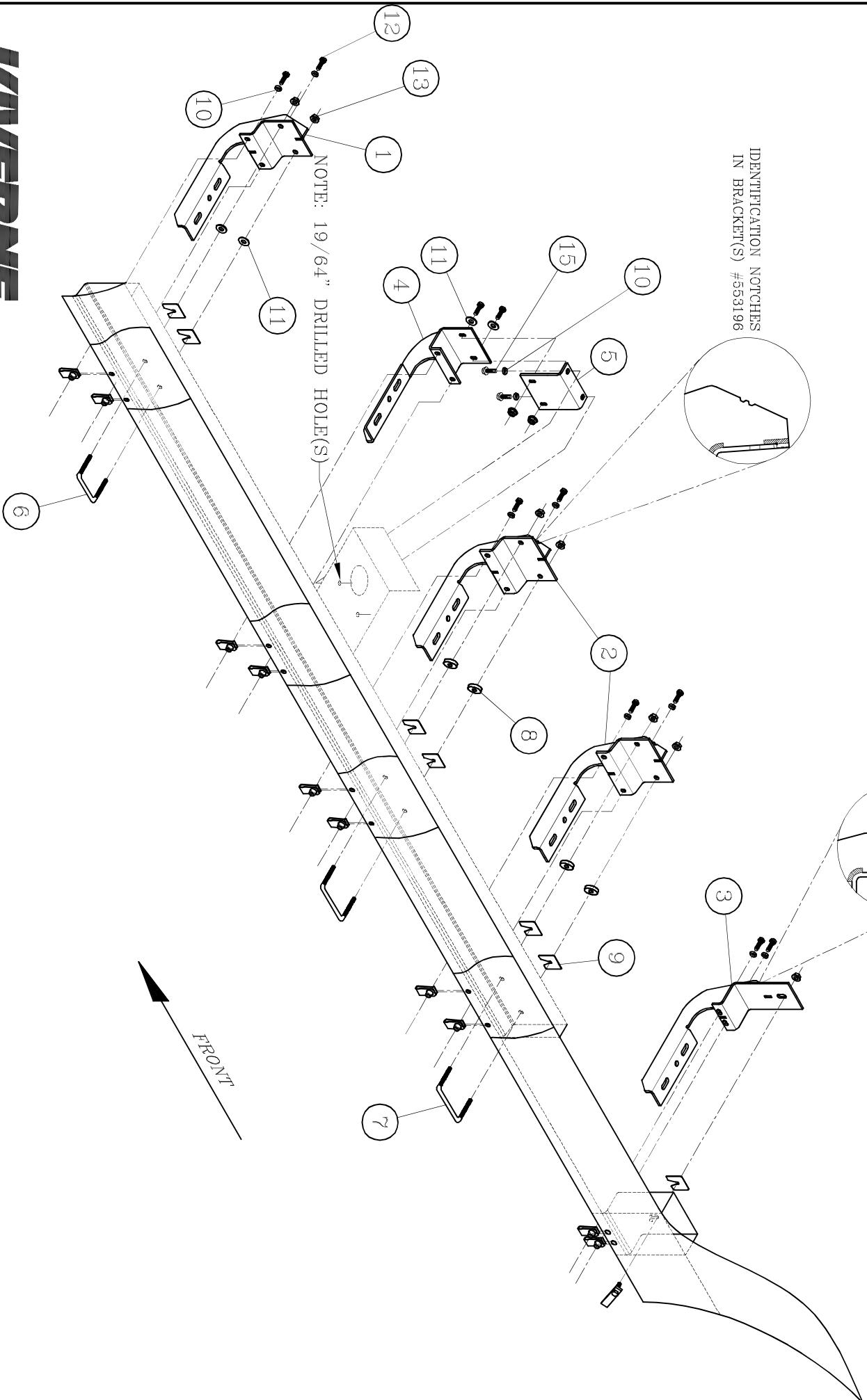
SERVICE PARTS LIST

BRACKET NO. - 401725

IDENTIFICATION NOTCHES  
IN BRACKET(S) #553199

FIG. 2

IDENTIFICATION NOTCHES  
IN BRACKET(S) #553196



-LEFT (DRIVER) SIDE OPPOSITE-



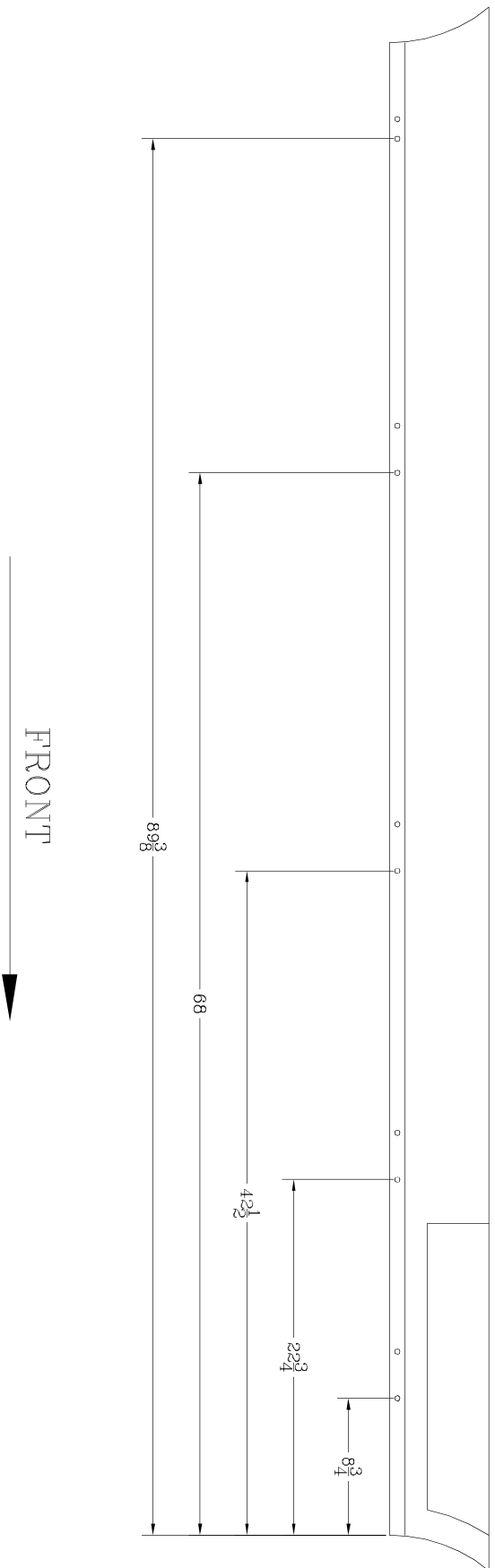
SERVICE PARTS LIST

BRACKET NO. - 401725

# 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. - 401725

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.

