

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.

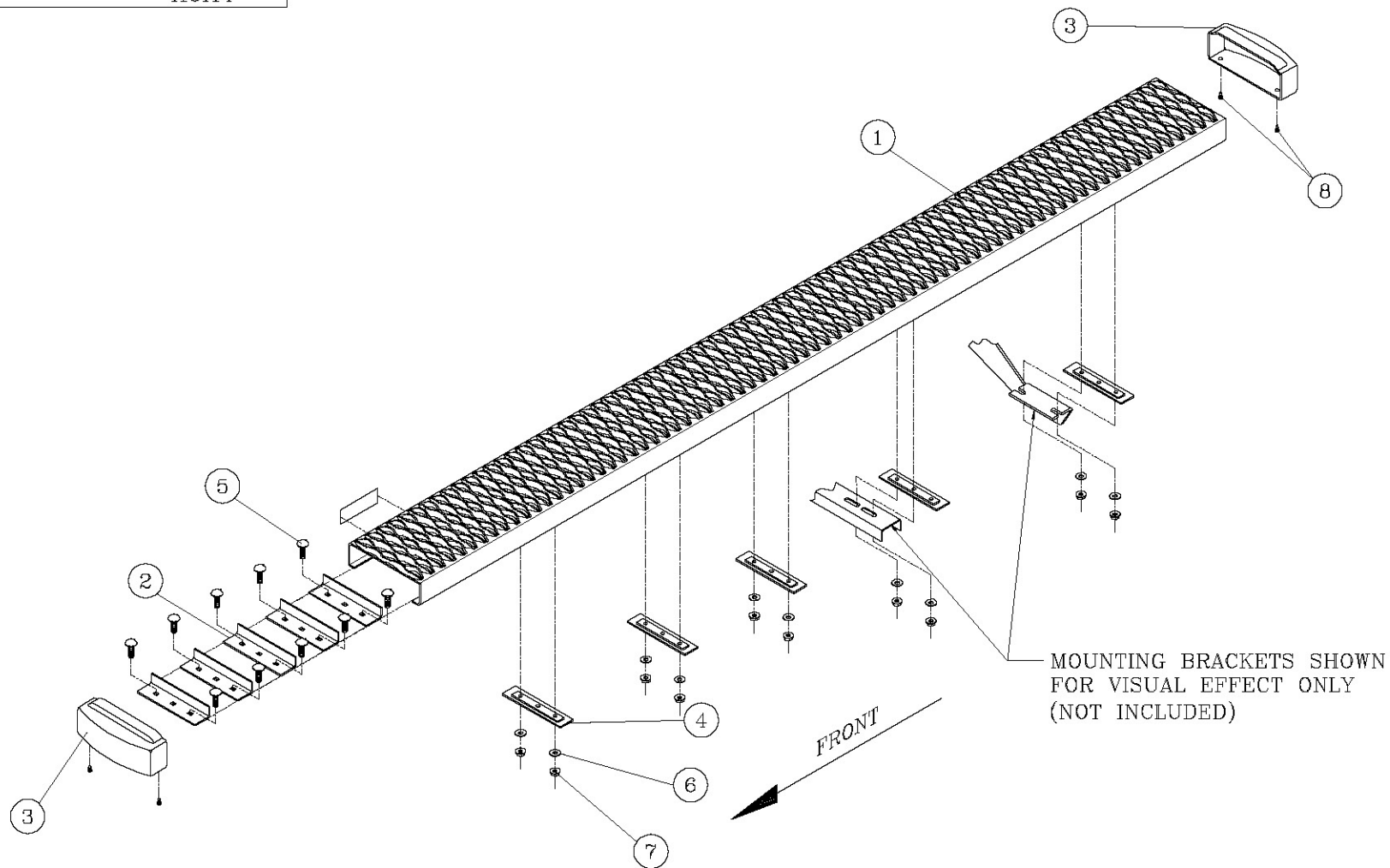
SERVICE PARTS LIST

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



SERVICE PARTS LIST

MODEL NO. - 415098
415102
415114





INSTALLATION INSTRUCTIONS AND PARTS LIST

APPLICATION:

MODEL 401447 WHEEL TO WHEEL STEP BRACKETS:

2014 GM SILVERADO & SIERRA REGULAR/DOUBLE/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. ATTACH THE MOUNTING BRACKETS TO THE VEHICLE AS FOLLOWS: [SEE FIG. 1]
 - 2.1 ATTACH THE TOP OF THE MOUNTING BRACKETS (ITEM #1) TO THE VEHICLE AS SHOWN.
 - 2.2 INSERT 5/16" MULTI-THREAD U-NUT (ITEM #7) INTO THE UPPER HOLES IN THE ROCKER PANEL (SEE FIG. 1).
(NOTE: SOME VEHICLES WILL HAVE THREADED INSERTS IN THE ROCKER PANELS, AND WILL NOT REQUIRE THE INSTALLATION OF THE U-NUTS.)
 - 2.3 ATTACH THE TOP OF THE BRACKETS (ITEM #1 & 2) TO THE VEHICLE WITH 5/16-18 X 1.0 SCREW AND FLAT WASHER (ITEMS #5&4). HAND TIGHTEN ONLY.
(NOTE; IF VEHICLE HAS THREADED INSERTS AS STATED ABOVE IT WILL REQUIRE A BLACK M8 X 30MM SCREW (ITEM #3)IN PLACE OF THE 5/16-18X 1.0 SCREW.)
 - 2.4 INSTALL THE BLACK M8-1.25 SCREW (ITEM#3) AND WASHER (ITEM#4) PLACE PINCH WELD SUPPORT BRACKET (ITEM #8) ABOVE PINCH WELD AS SHOWN INSTALL M8 FLANGE NUT (ITEM#6) THIS IS DONE ON EACH MOUNTING BRACKET. TIGHTEN ALL FASTENERS TO 19 LB FT.
3. ATTACH THE SPRING HANGER MOUNTING BRACKETS (ITEM # 13 & #14) AGAINST THE SIDE OF THE VEHICLE SPRING HANGER AS SHOWN
 - 3.1 LOOSEN THE SPRING HANGER BOLT JUST ENOUGH SO THAT THE INBOARD SPRING HANGER MTG BRKT (ITEM #14) CAN BE SLID UP BEHIND THE FLANGE OF THE BOLT. POSITION THE INBOARD SPRING HANGER MTG BRKT BEHIND THE FLANGE OF THE SPRING HANGER BOLT, WITH THE CHANNEL OPEN TO THE OUTBOARD SIDE, AS SHOWN.
 - 3.2 INSTALL THE OUTBOARD SPRING HANGER MTG BRKT (ITEM #13) SO THAT THE INBOARD VERTICAL PORTION OF THE BRACKET FITS INSIDE THE CHANNEL SHAPE OF THE INBOARD SPRING HANGER MTG BRKT USING THE 3/8" ZINC PLATED BOLT (ITEM #11), 3/8" WASHER (ITEM #12), 1/2" WASHER (ITEM #9), AND 3/8" ZINC PLATED NYLOCK NUT (ITEM #10) AS SHOWN. DO NOT TIGHTEN THESE BOLTS UNTIL THE BRACKET IS ATTACHED TO THE STEP ASSEMBLY.
4. ATTACHING THE STEP ASSEMBLY:
PLEASE REVIEW THE INSTALLATION INSTRUCTIONS THAT ARE INCLUDED IN YOUR STEP ASSEMBLY FOR SPECIFIC DETAILS.

TIGHTEN THE SPRING HANGER BOLT PER MANUFACTURERS SPECS

INSTALLATION INSTRUCTIONS AND PARTS LIST

APPLICATION:

MODEL 401447 WHEEL TO WHEEL STEP BRACKETS:

2014 GM SILVERADO & SIERRA REGULAR/DOUBLE/CREW CAB PICKUPS

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
PARTS INCLUDED IN THE BRACKET PACKAGE			
1	552725	3	MOUNTING BRACKET,RH,GRIP STEP
2	552726	3	MOUNTING BRACKET,LH,GRIP STEP
3	100180	12	M8 X 30 X1.25 SCR,SST,BZP
4	106998	12	5/16" STD FLAT WASHER SST, BZP
5	100647	6	5/16" X 1.00" SCR ZP
6	105859	6	M8 FLANGED NUT ZP
7	105541	6	U-NUT 5/16"-18
8	551666	6	BRKT-MTG,PINCH WELD SUPPORT
9	100118	4	WASHER-FL, 1/2", ZP
10	102381	2	NUT-NYLOCK, HEX, 3/8-16, ZP
11	101326	2	BOLT, HEX HEAD, 3/8-16X2.00, ZP
12	100062	4	WASHER-FL, 3/8", ZP
13	552735	2	BRACKET-MTG, SPRING HANGER, OUTBOARD, 401447
14	551806	2	BRACKET-MTG, SPRING HANGER, INBOARD, 401117

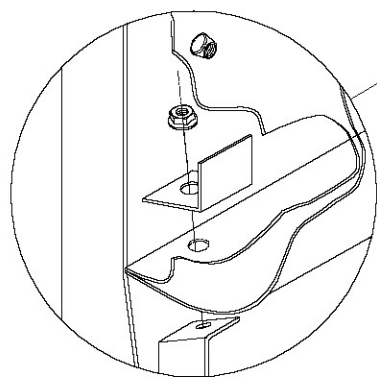


(A LIVERNE Company)

SERVICE PARTS LIST

MODEL NO. -401447

NOTE:
THE MOUNTING PATTERNS MAY NOT BE EXACTLY AS SHOWN. HOWEVER THERE WILL BE ENOUGH FASTENERS TO MAKE THE APPLICATION. THE DISTANCE BETWEEN THE FIRST AND SECOND BRACKET WILL BE 24 INCHES.



PINCH WELD SUPPORT ASSEMBLY
(USE WHERE NEEDED)

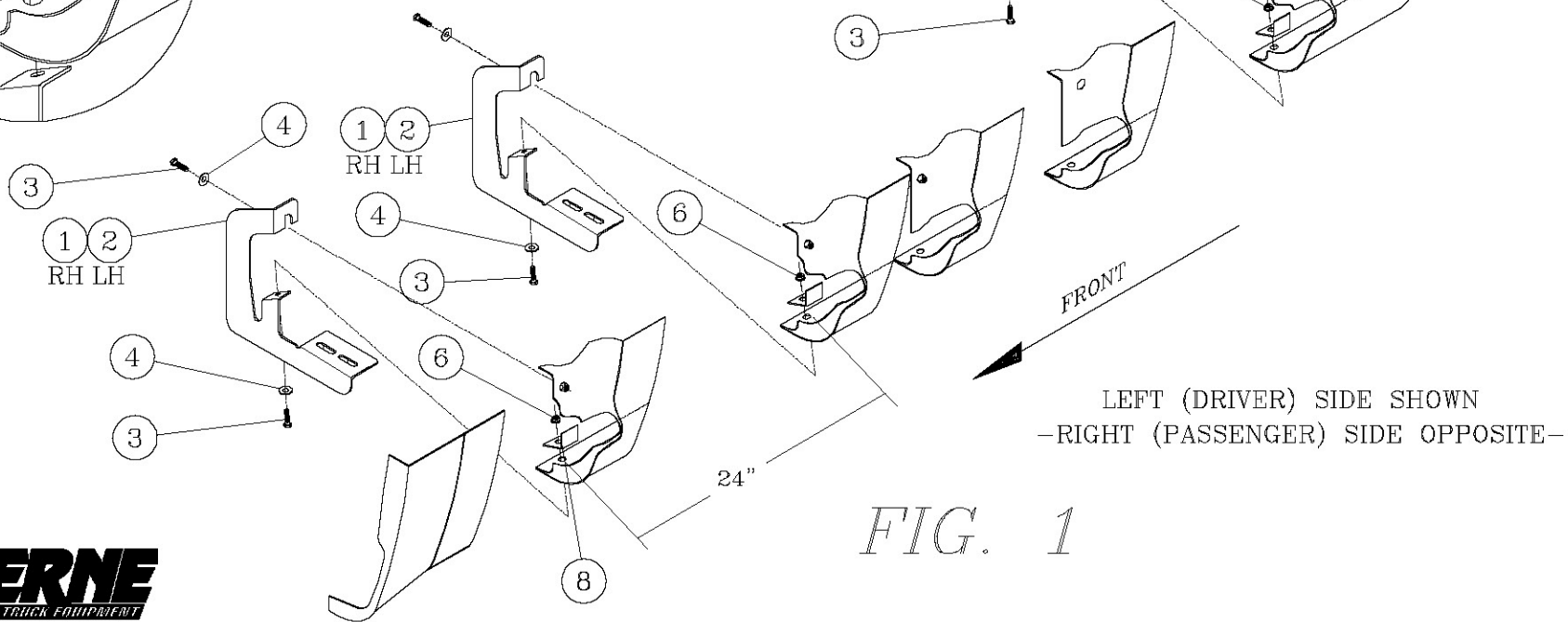


FIG. 1