

# 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.



1200 E. Birch St. Brandon, SD 57005

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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	551721	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



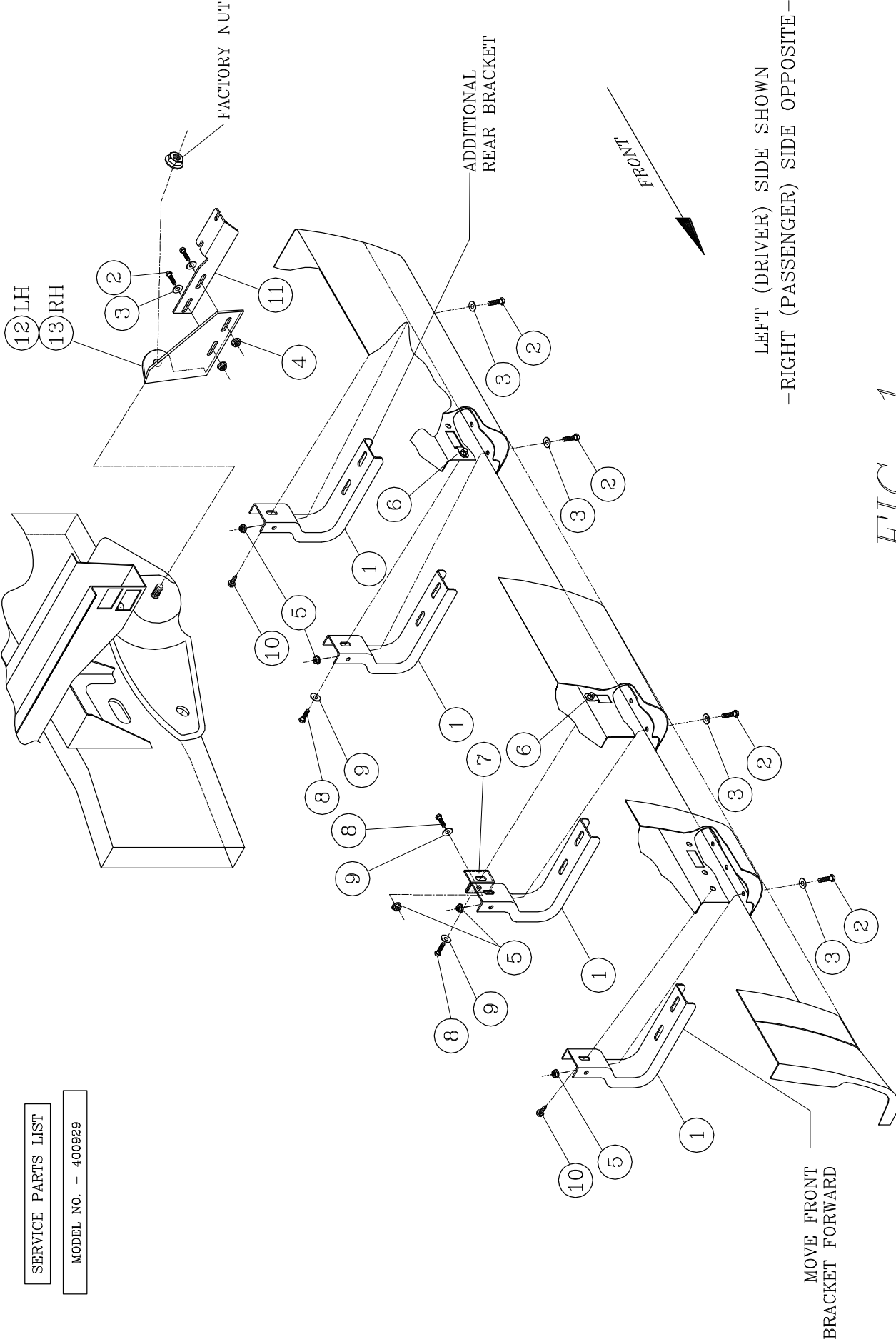
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SERVICE PARTS LIST

MODEL NO. - 400929



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

MOVE FRONT  
BRACKET FORWARD

FIG. 1