



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

EBL NO-DRILL MTG KIT RANGER

PRODUCT WEIGHT

51.51 LBS

WIDTH X DEPTH X HEIGHT

56.79" X 7.75" X 13.72"

CAPACITY

5' BED

COLOR

BLACK

CATALOG NUMBER

EBMK-RNG-5



PRODUCT FEATURES

MOUNTING KIT FOR EBL1053 AND EBL1053-70

FORD RANGER 5' BED

NO DRILLING REQUIRED TO INSTALL EXTENDEBED EBL1053 AND EBL1053-70

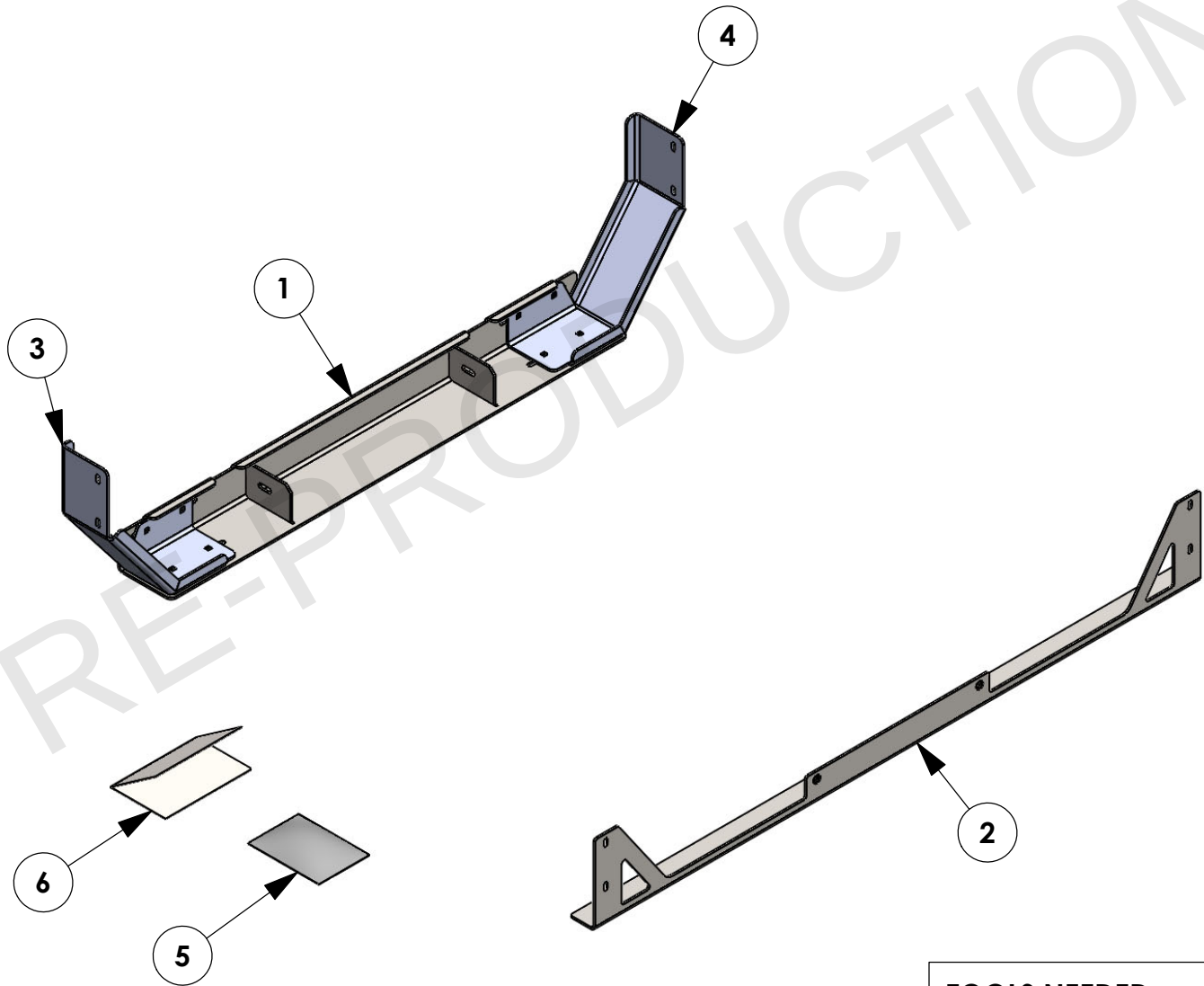
SEE PAGE 2 FOR APPLICATION NOTES, ACCESSORIES AND OTHER PRODUCTS THAT WORK WITH THIS UNIT.

**EBL NO-DRILL MTG KIT RANGER****CATALOG NUMBER EBMK-RNG-5****PRODUCT APPLICATION****MOUNTING KIT FOR EBL1053 AND EBL1053-70 IN FORD RANGER WITH 5' BED****ACCESSORIES THAT WILL WORK WITH THIS PRODUCT**

CATALOG NUMBER	DESCRIPTION (smart)
EBL-1053	EXTENDOBED 1000LB 43WX53L
EBL-1053-70	EXTENDOBED 1000LB 43WX53L

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INSTR. : INS78137 NUMBER		PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : EBMK-RNG-5 NUMBER				1	78137-B	EB,RNG,FRONT CROSS BRACE, BLK	1
				2	78141-B	EB,RNG,REAR CROSS BRACE, BLK	1
PART •EBL NO-DRILL MTG KIT DESC. •RANG				3	78139-B	FRONT LH BRACKET, BLACK	1
				4	78140-B	FRONT RH BRACKET, BLACK	1
				5	BAG78137	BAG FOR EBMK-RNG-5	1
				6	INS78137	ASM INS FOR EBMK-RNG-5	1



- TOOLS NEEDED:**
- T30 TORX BIT
 - 7/32 ALLEN BIT
 - 9/16 SOCKET
 - 10mm SOCKET

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

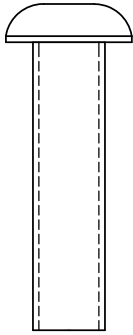
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

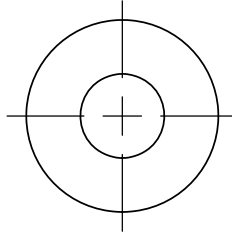
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

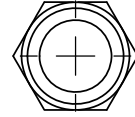
BAG REFERENCE: BAG78137



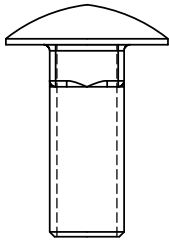
FAS0577
SCREW, BUTTON HD HEX SOC
3/8-16X1.50 NI-ZN
QTY: 4



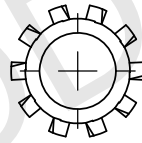
FAS0104
WASHER, FLAT,
3/8, NI ZN
QTY: 12



FAS0604
NUT, NYLOCK,
3/8-16, ZINC
QTY: 10



FAS0102
BOLT, CARRIAGE,
3/8-16X1, NZ G6
QTY: 8



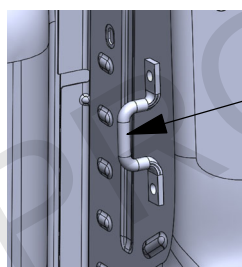
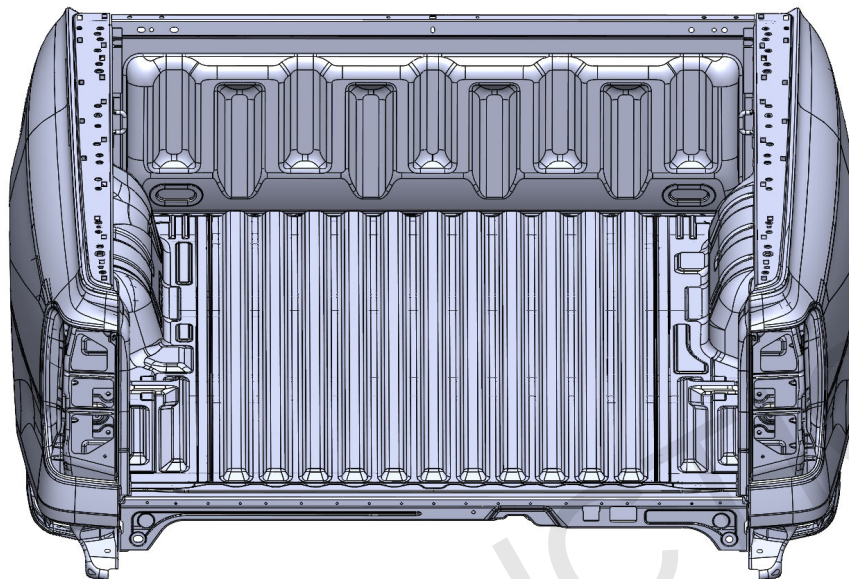
FAS0105
WASHER, LOCK,
EXT. TOOTH, 3/8, NI ZN
QTY: 2

INTENTIONALLY LEFT BLANK

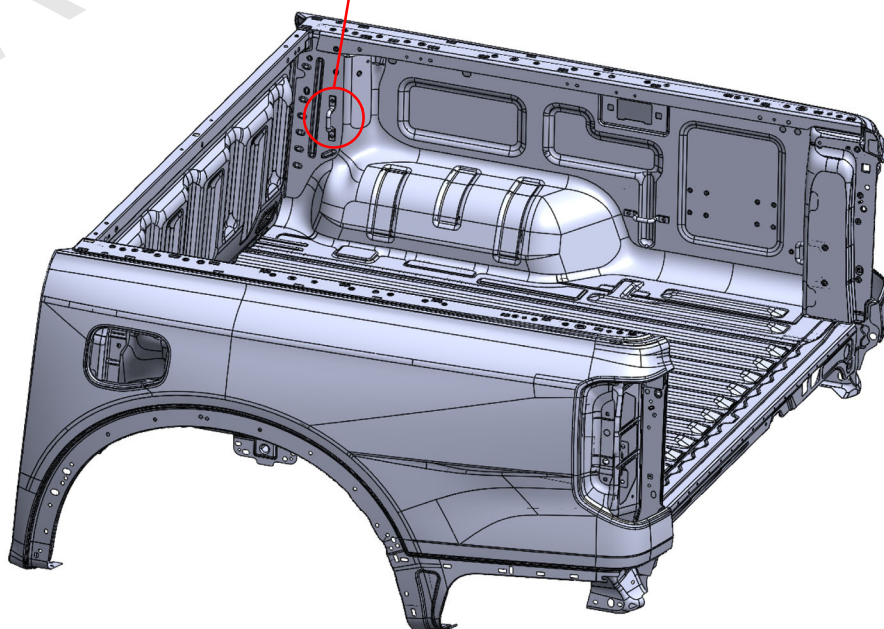
STEP 1 - PREP PICKUP BED - COL 5' BOX

Step 1.1
REMOVE ALL
DEBRIS FROM BED
OF VEHICLE

Step 1.2
REMOVE OEM D-
RINGS FROM
VEHICLE - SET
ASIDE FOR
REINSTALLATION.
4 PLACES



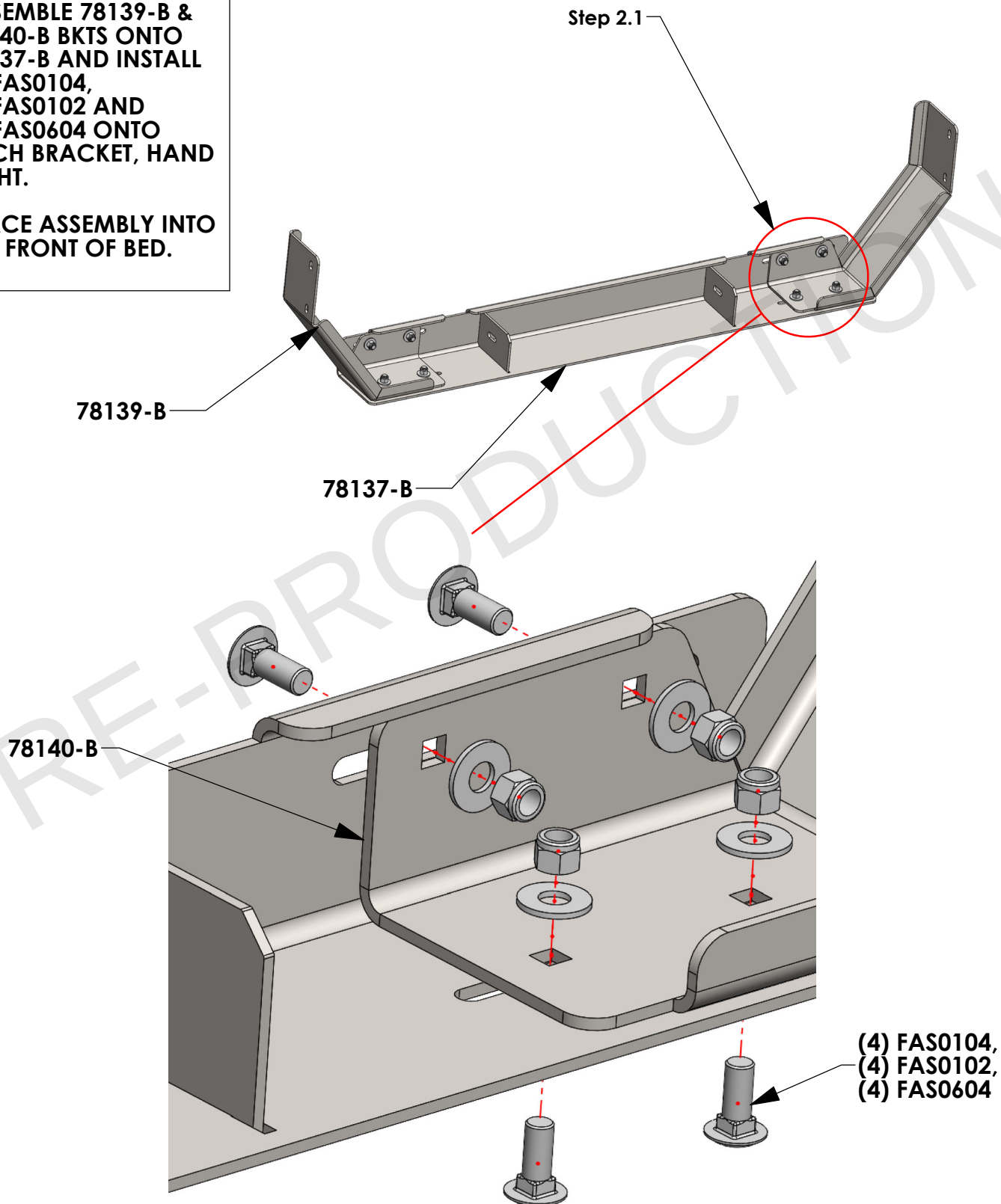
Step 1.2



STEP 2 - ASSEMBLE FRONT CHANNEL ASSEMBLY

Step 2.1
ASSEMBLE 78139-B &
78140-B BKTS ONTO
78137-B AND INSTALL
(4)FAS0104,
(4)FAS0102 AND
(4)FAS0604 ONTO
EACH BRACKET, HAND
TIGHT.

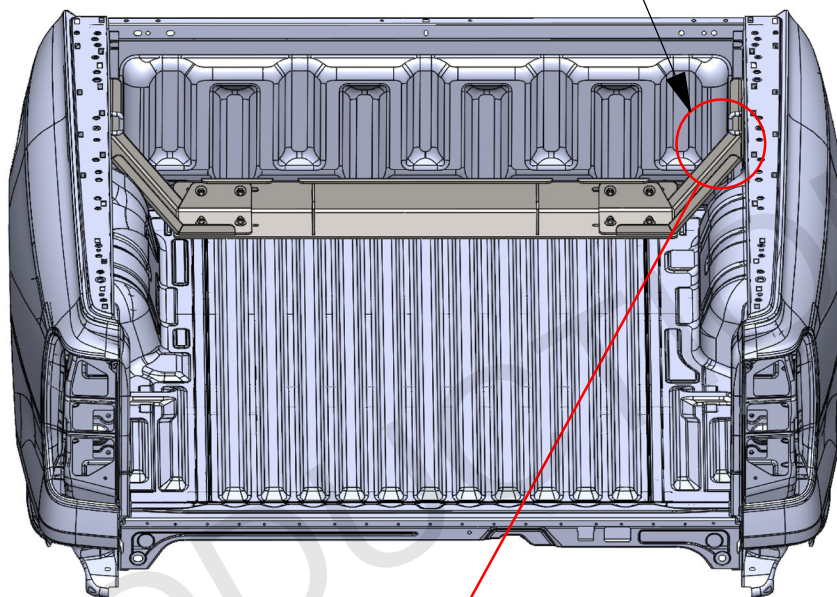
PLACE ASSEMBLY INTO
THE FRONT OF BED.



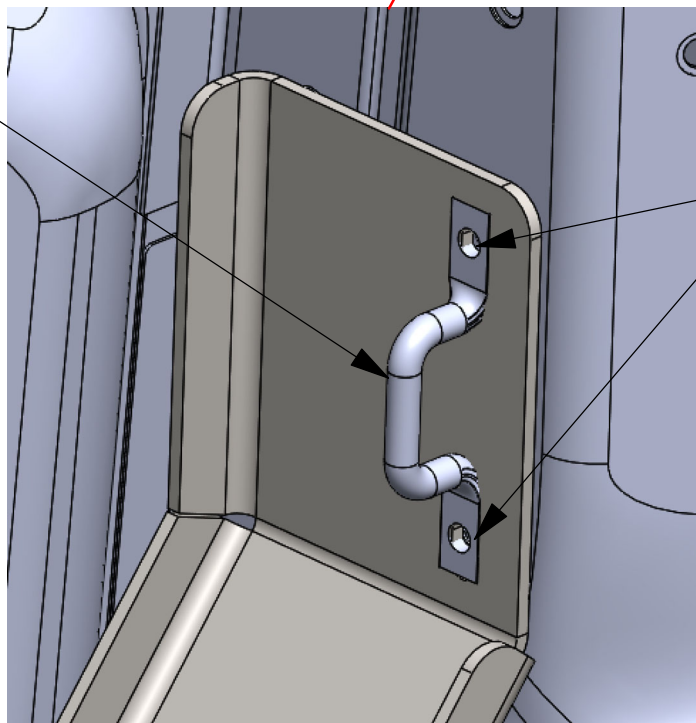
STEP 3 - BOLT ASSEMBLY TO OEM D-RING ATTACHMENTS

Step 3.1
REINSTALL OEM D-RING INTO FRONT ASSEMBLY ON BOTH SIDES, USE LOCTITE ON ALL D-RING FASTENERS. TIGHTEN D-RING BOLTS, THEN TIGHTEN THE FASTENERS INSTALLED IN STEP 2.1

Step 3.1

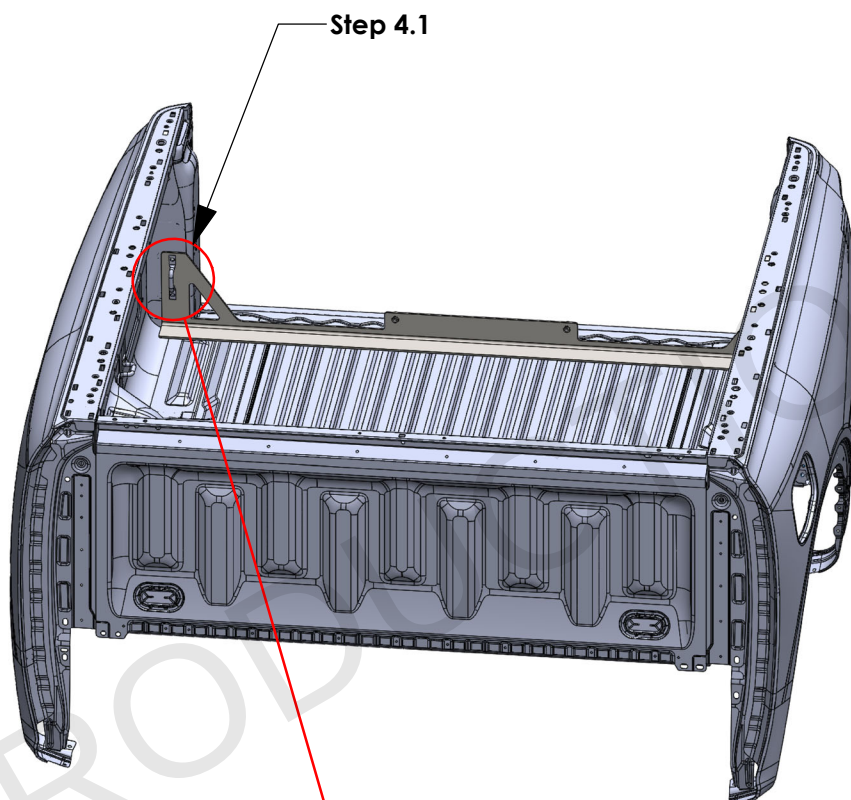


OEM RING

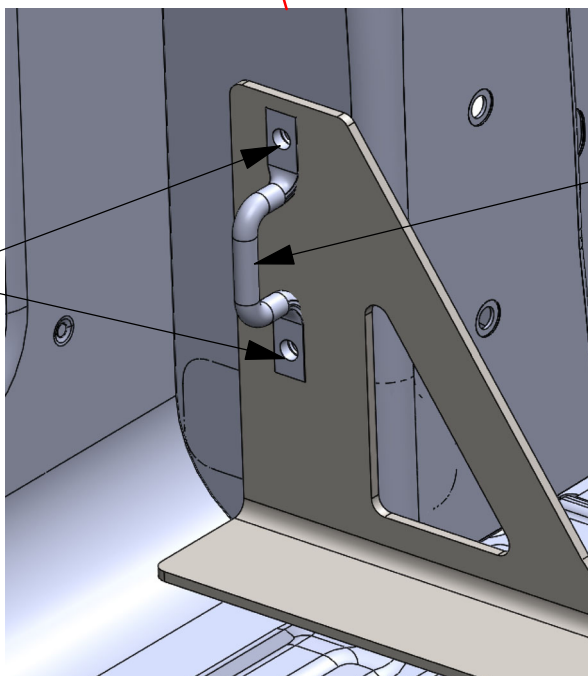
OEM
FASTENERS

STEP 4 - INSTALL REAR BRACKET

Step 4.1
REINSTALL OEM D-
RING INTO REAR
ASSEMBLY ON BOTH
SIDES, USE LOCTITE ON
ALL D-RING
FASTENERS.
TIGHTEN D-RING
BOLTS.



OEM
FASTENERS



OEM RING

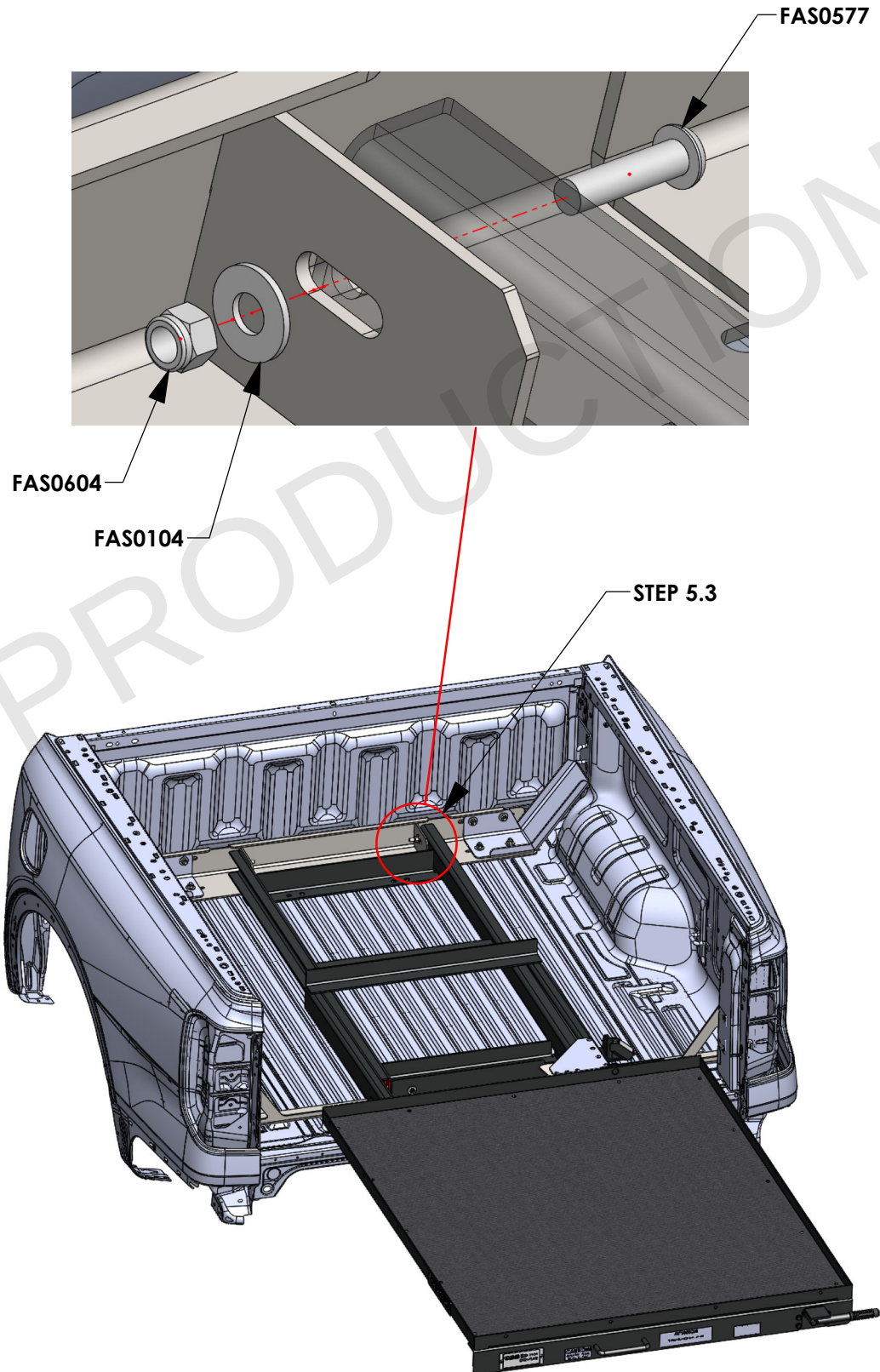
STEP 5 - INSTALL EBL1053 TO FRONT CHANNEL ASSEMBLY

Step 5.1
ASSURE THE
EXTENDEB IS
IN THE FULLY
CLOSED AND
LOCKED
POSITION PRIOR
TO LIFTING TO
AVOID
MOVEMENT
AND POTENTIAL
INJURY

Step 5.2
LIFT
EXTENDEB
INTO VEHICLE
USING
PROPERLY
RATED LIFT AND
ALIGN WITH
ATTACHMENTS
ON THE FRONT
CHANNEL

Step 5.3
INSTALL (2)
FAS0577, (2)
FAS0104 AND (2)
FAS0604
THROUGH THE
FRONT CHANNEL
ASSY AND
EXTENDEB
RAILS, HAND
TIGHT.

Step 5.4
ONCE BOLTS
ARE INSTALLED,
FULLY EXTEND
EXTENDEB.

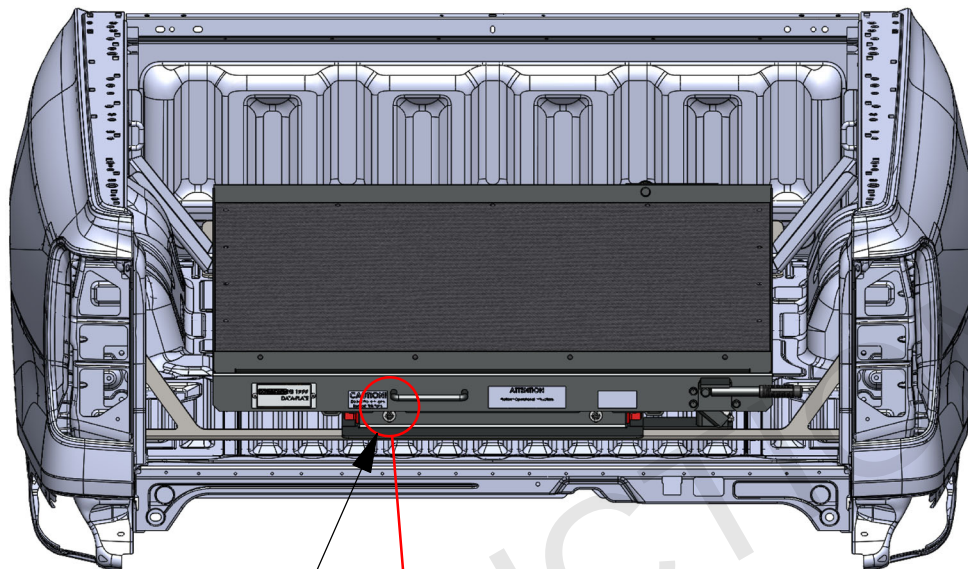


STEP 6 - INSTALL EBL1053 TO REAR CHANNEL ASSEMBLY

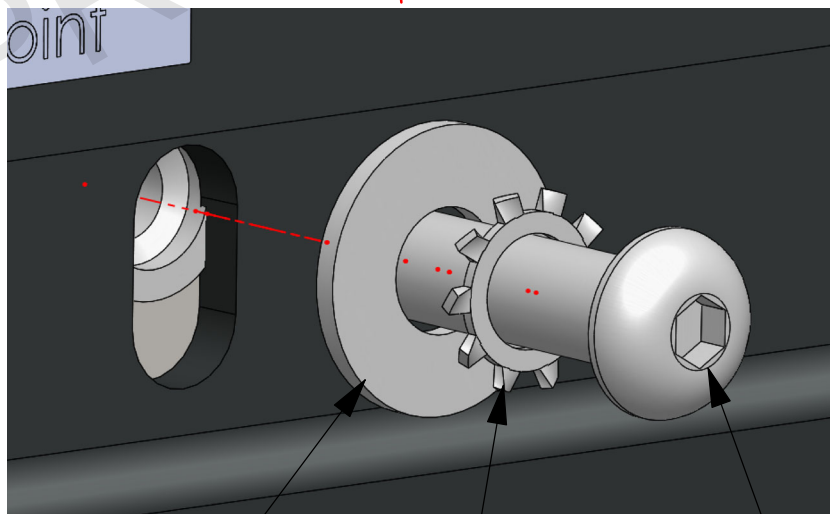
Step 6.1
LOWER THE
EBL1053 INTO
POSITION, THEN
INSERT FAS0577
THROUGH
FAS0105 AND
FAS0104 ON
EACH SIDE, THEN
FULLY TIGHTEN

***FULLY TIGHTEN**
ALL FASTENERS*

INSTALLATION IS
NOW COMPLETE



Step 6.1



FAS0104

FAS0105

FAS0577