

BULLETIN

Subject:	RIG Set-Back Extension	
Date:	November 30, 2023	Rev.: FR
		No.: B23015
Re.:	RIG Set-Back Inspection and Correction.	Type: Safety
Priority:	Earliest Opportunity	
Units Affected:	Please see VIN # listing.	

Background:

Wabash has decided that on certain 2009 thru 2024 model year Wabash Van Trailers equipped with rail style lift gates, the location of the rear impact guard may not have incorporated the full depth of all rail lift gate models if so equipped. These models may not conform to Federal Motor Vehicle Safety Standard # 224, “Rear Impact Protection.”

Description of Defect:

Suspect trailers should first be inspected to determine if the unit complies with Federal Motor Vehicle Safety Standard # 224, “Rear Impact Protection.” The following Safety Bulletin describes the inspection process and the remedy procedure when needed.

Materials:

Item	Part Number	Qty
Bumper Extension Galvanized / (Stainless)	05012522-01AFT (-02AFT)	1
or		
Bumper Extension, for V-Brace legs Galvanized / (Stainless)	05012540-01AFT (-02AFT)	1
Fasteners	Included with above	
Conspicuity Tape	Included with above	

Tools:

Drill	Impact Wrench
9/32” drill bit	Torx Bit
1/2”- 13 TAP	C Clamps
Acetone	Shop Rags



CAUTION!

- Wear appropriate personal protective equipment [PPE] like gloves, safety glasses and hard hat for example, when carrying out the following procedure.
- Should welding or cutting be needed, do so in a well ventilated area and wear appropriate head/face/eye protection, welding gloves and clothing.
- Refer to adhesive and chemical manufacturer’s MSDS for safe use and handling instructions if applicable.
- Follow your company’s safety procedures in addition to these recommendations.
- Follow industry standards for installation and tightening of all fasteners where torque values are not called out

Procedure: (Inspection)

First, take a straight edge and hold it vertically against the rear most surface of the lift gate post, excluding the dock bumper. Measure the distance from the rear face of the bumper tube to the straight edge. For measurements of 12" or less, no action is required. The unit can be put back into service.



Figure 1



Figure 2

If the measurement taken is over 12 inches as shown in Fig 2, then the unit is non-compliant and needs a bumper extension installed as described in the following pages.

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Procedure: (Remedy)



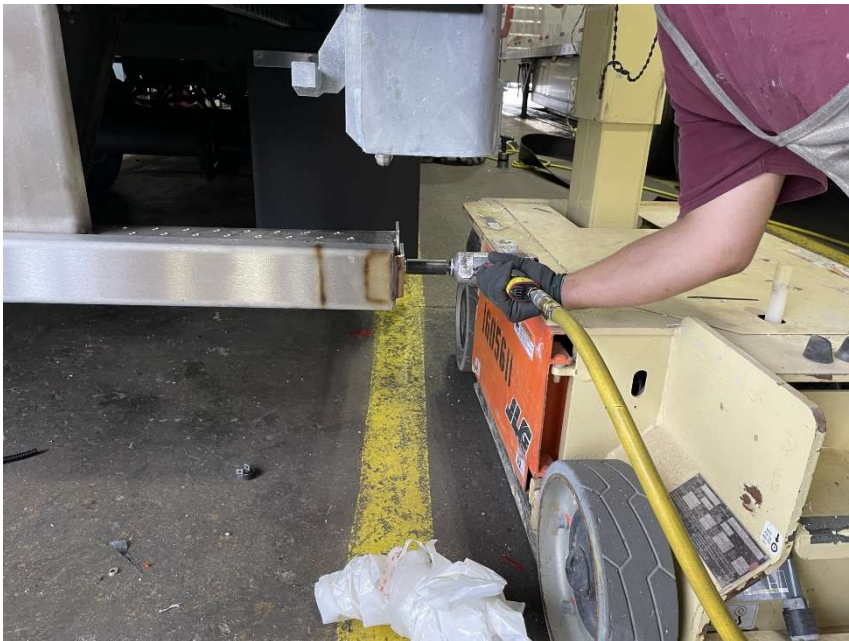
If the existing bumper tube has end caps installed that are galvanized or the factory installed nut has rusted, start by running a ½-13 tap along with some oil in and out of the hole to clear and clean the threads.



Hold each end of the bumper extension and hand start the supplied ½” bolt, washer and lock washer on each end.



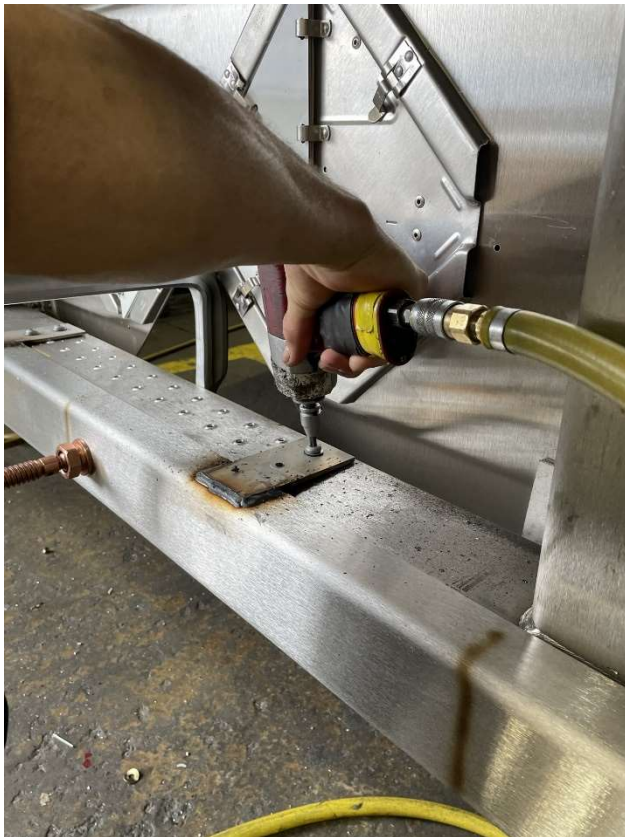
Use a C clamp to secure the bumper extension tightly against the bumper tube face.



Tighten the 1/2" bolt, washer and lock washer on each end of the assembly. If there is a gap between the extension and bumper tube, use another C Clamp to draw the two together before tightening the bolt.



Using a 9/32” drill bit, transfer drill the four holes in the center mounting tabs into the top of the bumper tube.



Install the four 5/16” self-tapping bolts and washers with an impact.



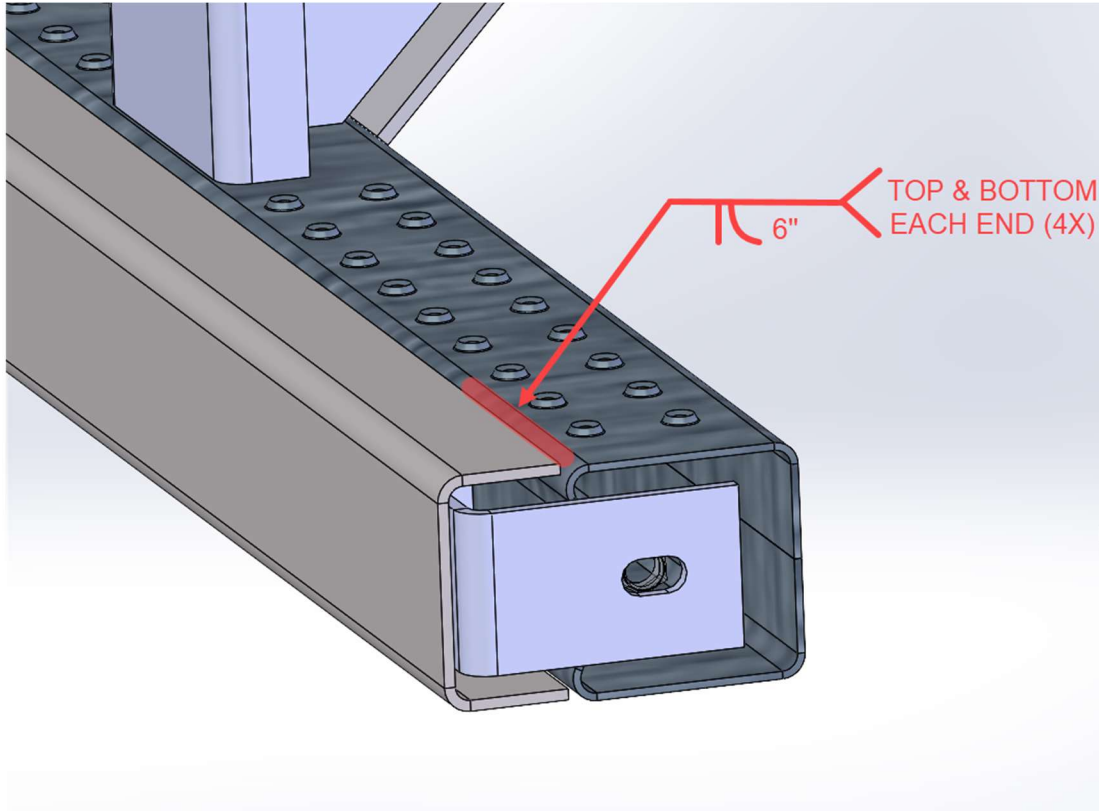
Clean the rear surface of the bumper extension with Acetone and a clean rag. Let dry and installed the supplied conspicuity tape to the rear face of the bumper extension.



Its easier to start with two people. Once the bumper extension is hung on the bumper, one person can easily finish the installation. The whole process takes approximately 20 minutes.

Special Notes / Instructions

Some Stainless-Steel bumper assemblies may not have an end cap installed on the bumper tube. In this case, welding the ends of the extension to the bumper tube is an acceptable mounting solution.



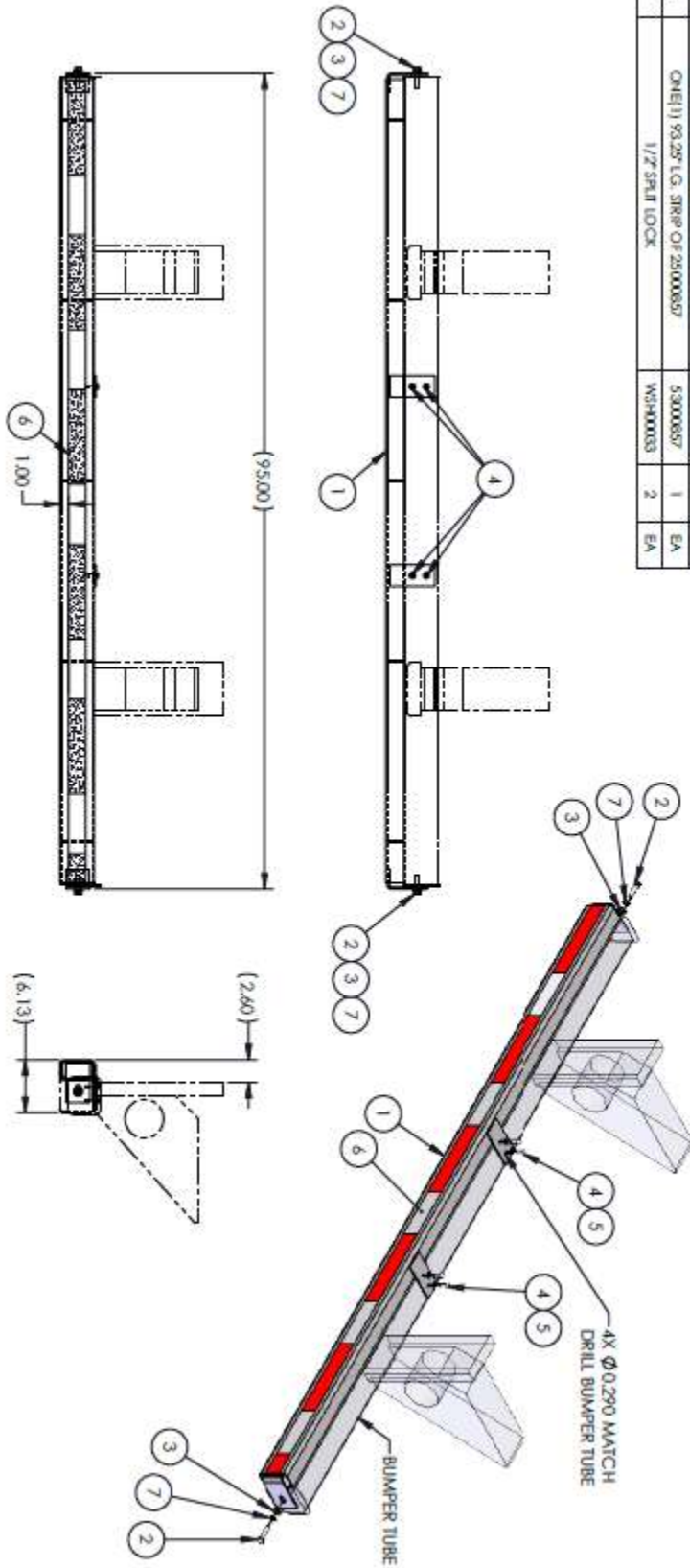
It is preferred that 209 solid weld wire or stick electrode be used when welding the bumper extension to the bumper tube. Use a C Clamp to eliminate any gap between the extension and tube if necessary and place a six-inch weld top and bottom on both left and right ends where the bumper extension meets the bumper tube as shown above.

SRT for this repair is .75 hour.

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PARTS LIST			
ITEM	DESCRIPTION	PART #	QTY U/M
1	LG BUMPER TUBE EXTN SUBASSY WELDMENT	TABLE 1	1 EA
2	TABLE 1	TABLE 1	2 EA
3	TABLE 1	TABLE 1	2 EA
4	5/16-18 X 1/4 TRYPAN HD TYPE F	BLT00155	4 EA
5	TABLE 1	TABLE 1	4 EA
6	ONE (1) 93.25" LG. STRIP OF 25000657	53000657	1 EA
7	1/2" SPIRIT LOCK	WSH00003	2 EA

TABLE 1					
DASH	MATERIAL	ITEM 1	ITEM 2	ITEM 3	ITEM 5
-01	GALVANIZED	05012521-01 GALV	BLT00663	WSH00005	WSH00033
-02	STAINLESS	05012521-02	BLT00795	WSH00029	WSH00075

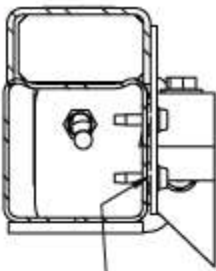
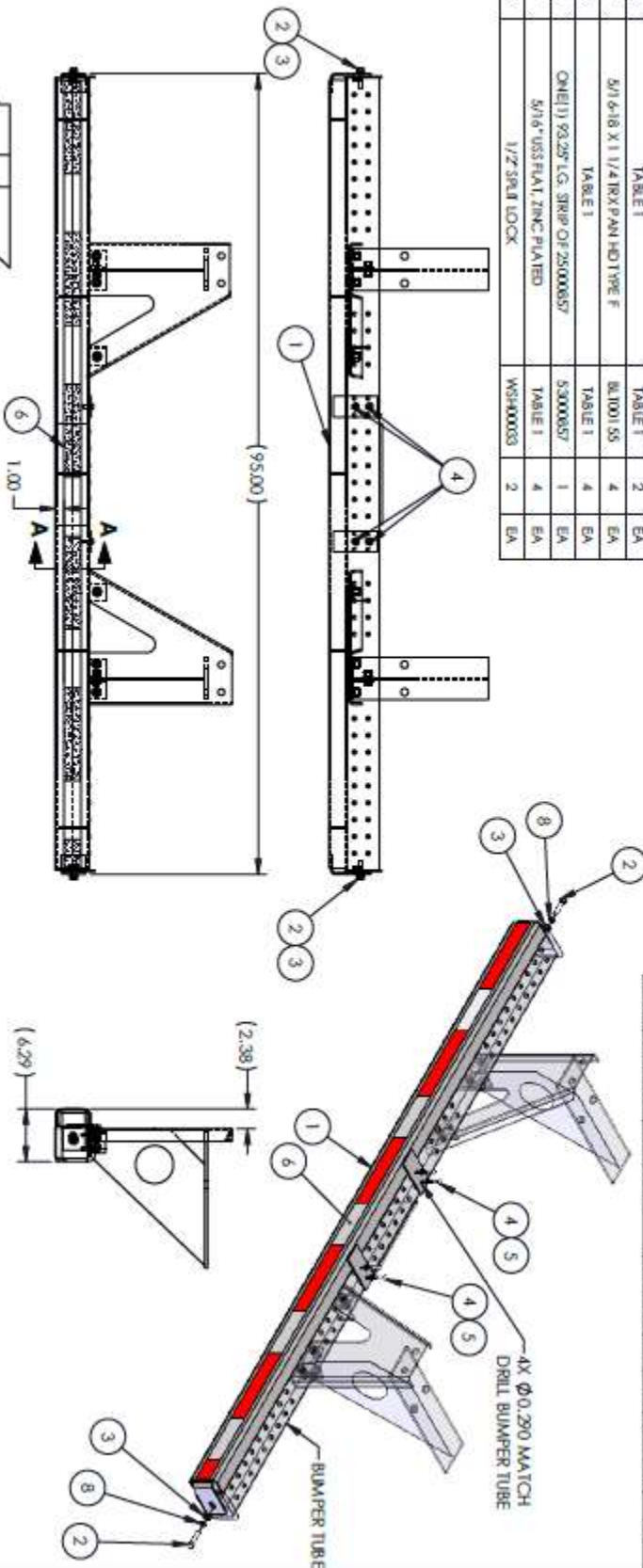


SCALE	1:1.2	DATE		FOR	25000657	DRILL BUMPER TUBE
REV		BY		CHKD		
A	REVISION	DATE				
<p>THIS DRAWING IS A PART OF A COMPLETE SET OF DRAWINGS FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE USER TO OBTAIN ALL NECESSARY INFORMATION FROM THE PROJECT MANUAL AND SPECIFICATIONS. WABASH NATIONAL CORPORATION IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DRAWING OR FOR ANY DAMAGE TO PROPERTY OR PERSONS RESULTING FROM THE USE OF THIS DRAWING.</p>						
<p>WABASH</p>			<p>82-600 BUMPER EXTENSION INSTALL FIELD ADD</p>			
<p>05012522 A/F1</p>			<p>SHEET 1 OF 1</p>			

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PARTS LIST			
ITEM	DESCRIPTION	PART #	QTY U/M
1	LG BUMPER TUBE EXTN WELDMENT (WV-DWG)	TABLE 1	1 EA
2	TABLE 1	TABLE 1	2 EA
3	TABLE 1	TABLE 1	2 EA
4	5/16-18 X 1/4 BRX PAN HD TYPE F	BL1001 S5	4 EA
5	TABLE 1	TABLE 1	4 EA
6	ONE (1) 93.25" LG STRIP OF 25000657	53000657	1 EA
7	5/16" USS FLAT ZINC PLATED	TABLE 1	4 EA
8	1/2" SPLIT LOCK	WSH00033	2 EA

TABLE 1						
DASH	MATERIAL	ITEM 1	ITEM 2	ITEM 3	ITEM 5	ITEM 7
-01	GALVANIZED	05012539-01 GALV	BL100663	WSH00005	WSH00031	WSH00039
-02	STAINLESS	05012539-02	BL100795	WSH00029	WSH00075	N/A



ADD 5/16" WASHERS UNDER THE TABS AT THE MOUNTING LOCATIONS ATOP THE BUMPER TUBE FOR GALVANIZED BUMPER. FOR STAINLESS STEEL BUMPER, PLEASE GRIND FOUR (4) TRACTION POOCHED SMOOTH AT EACH TAB PRIOR TO INSTALLING WELDMENT ADD-ON.

SECTION A-A
SCALE 1 : 3

REV	BY	DATE	DESCRIPTION
A	KMD	1/20/2008	SMALLER

SCALE	1:12	EST. BY	XXX
PROJECT	INSTALLATION	DATE	11/29/2008
DESCRIPTION	WABASH EXTENSION INSTALL	DESIGNED BY	JHS
REVISED BY		DATE	

WABASH	0201 2540 AMT
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Location Significance	Fillet	Plug or Slot	Spot or Projection	Stud	Seam	Back or Backing	Surfacing	Flange Corner	Flange Edge
Arrow Side									
Other Side				Not used			Not used		
Both Sides		Not used	Not used	Not used	Not used	Not used	Not used	Not used	Not used
No Arrow Side or Other Side Significance	Not used	Not used		Not used		Not used	Not used	Not used	Not used
Location Significance	Groove							Scarf for Brazed Joint	
	Square	V	Bevel	U	J	Flare-V	Flare-Bevel		
Arrow Side									
Other Side									
Both Sides									
No Arrow Side or Other Side Significance		Not used	Not used	Not used	Not used	Not used	Not used	Not used	
Supplementary Symbols								Location of Elements of a Welding Symbol 	
Weld-All Around	Field Weld	Melt-Thru	Consumable Insert	Backing Spacer	Contour Flush Convex Concave				
Basic Joints									
Identification of Arrow Side and Other Side of Joint									
Butt Joint					Corner Joint				
T-Joint					Lap Joint				
Edge Joint					Process Abbreviations				
					Where process abbreviations are to be included in the tail of the welding symbol, reference is made to Table 1, Designation of Welding and Allied Processes by Letters, of AWS A2.4-86. AMERICAN WELDING SOCIETY, INC. 550 N.W. LeJeune Rd., Miami, Florida 33126				

(American Welding Society)