



<b>WORK INSTRUCTION: WI-1053</b>	<b>PAGE 1 OF 16</b>
<b>DEPARTMENT:</b>	<b>AUTHOR: JENNIFER BURKIZER</b>
<b>PRODUCT LINE: INFLATORS</b>	<b>ORIGINAL ISSUE DATE: 5/9/13</b>
<b>OPERATION: : INFLATOR PACKAGING FOR CUSTOMER RETURNS SHIPPING BACK TO AMSAFE</b>	<b>REVIEWED BY: C. Wilkerson</b>
<b>DRAWING NO: 514017, 514018, 510277</b>	<b>APPROVED BY: K. Keeslar</b>
<b>REVISION: -D</b>	<b>REVISION DATE: 08/23/2018</b>

TOOLS REQUIRED	COMPONENTS REQUIRED
PACKING TAPE GUN	<p>PACKING TAPE QTY 1 BOX</p> <ul style="list-style-type: none"><li>• 514017-1- 6 CELL CONFIGURATION</li><li>• 514018-1- 12 CELL CONFIGURATION</li><li>• 510277-1- 24 CELL CONFIGURATION</li></ul> <p>QTY 5 ROLL END TRAYS</p> <ul style="list-style-type: none"><li>• 514017-2- 6 CELL CONFIGURATION</li><li>• 514018-2- 12 CELL CONFIGURATION</li><li>• 510277-2- 24 CELL CONFIGURATION</li></ul> <p>QTY 2 FOAM PADS</p> <ul style="list-style-type: none"><li>• 514017-3- 6 CELL CONFIGURATION</li><li>• 514018-3- 12 CELL CONFIGURATION</li><li>• 510277-3- 24 CELL CONFIGURATION</li></ul> <p>QTY 5 VERTICAL INSERTS</p> <ul style="list-style-type: none"><li>• N/A FOR 6 CELL CONFIGURATION</li><li>• 514018-4- 12 CELL CONFIGURATION</li><li>• 510277-4- 24 CELL CONFIGURATION</li></ul> <p><b>**QTY 1 P/N 508531-1 SHIPPING CAP**</b></p> <p>DOT Hazard Documentation and SDS documentation</p>

**-ALL INFLATORS MUST BE SHIPPED AS HAZARDOUS GOODS  
COMPLYING WITH LOCAL AND INTERNATIONAL TRANSPORTATION REGULATIONS-**

NOTES:

1. HANDLE INFLATORS WITH GREAT CARE, DO NOT DROP.
2. ONLY INFLATORS ARE TO BE PACKED INSIDE OF THESE BOXES.
3. FOR P/N 508792-401\*\*, 510385-401\*\*, 508794-401\*\* AND 508793-401\*\*, 508795-401\*\* DO NOT PACK MORE THAN HALF OF THE ALLOWABLE POSITIONS FOR INFLATORS PER BOX (EXAMPLES: 24 POSITIONS=>12 INFLATORS, 12=>6, 6=>3).
4. FINAL BOX WEIGHT IS NOT TO EXCEED STAMPED RATING. REGARDLESS, NOT TO EXCEED 40 LBS.
5. IF PACKING FEWER INFLATORS THAN THE BOX CAN HOLD, DISTRIBUTE INFLATORS EVENLY THROUGHOUT BOX FOR WEIGHT DISTRIBUTION.
6. **WARNING:** SAFETY HAZARD; CONFIGURE INFLATORS AS FOLLOWS:
  - a. \*\*P/N 508792-401, 510385-401, 508794-401 AND 508793-401, 508795-401 INFLATORS MUST HAVE THE P/N 508531-1 SHIPPING CAP INSTALLED TO SHIP LEGALLY.
  - b. P/N 510226-401, 510184-401, 510183-401, AND 511878-401 MUST HAVE THE HOSE ADAPTER REMOVED FROM THE INFLATOR TO SHIP LEGALLY.
  - c. REMOVE ALL RESTRAINT HOSES FROM ALL INFLATORS BEING SHIPPED ALONG WITH "6a" AND/OR "6b" ABOVE.
  - d. REMOVE ALL CABLES FROM ALL INFLATORS.

1. PREPACKAGING - INFLATOR INSPECTION

- a. P/N 508792-401\*\*, 510385-401\*\*, 508794-401\*\* AND 508793-401\*\*, 508795-401\*\* VERIFY THE PRESENCE OF THE P/N 508531-1 SHIPPING CAP



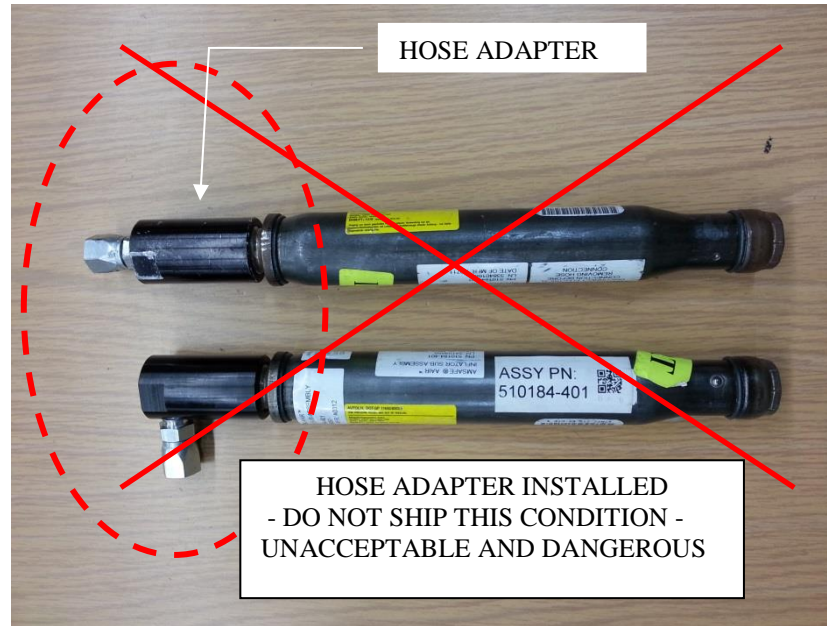


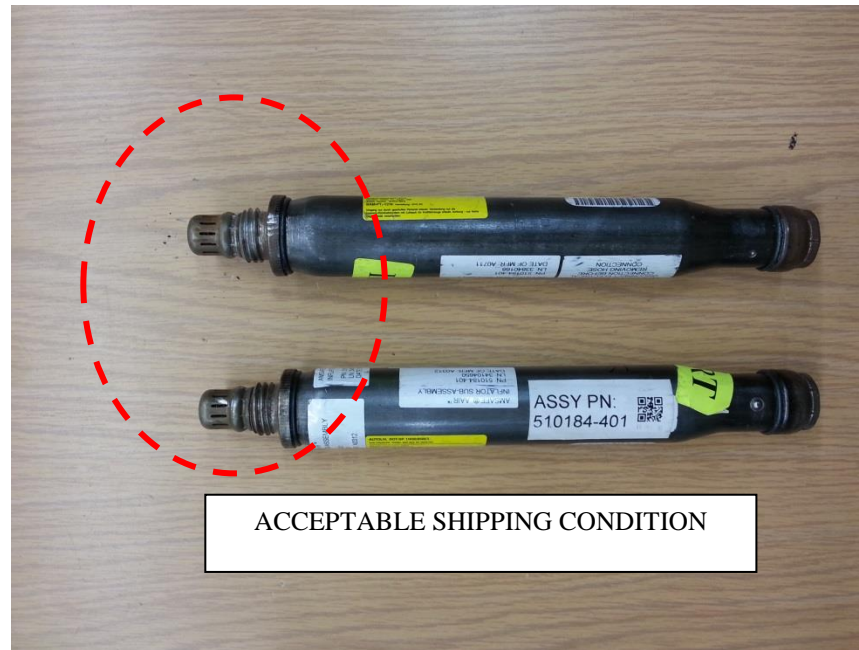
STAGED SHIPPING CAP INSTALLATION  
- BOTTOM, FINGER-TIGHT IS ADEQUATE -



\*\* ACCEPTABLE SHIPPING CONDITION

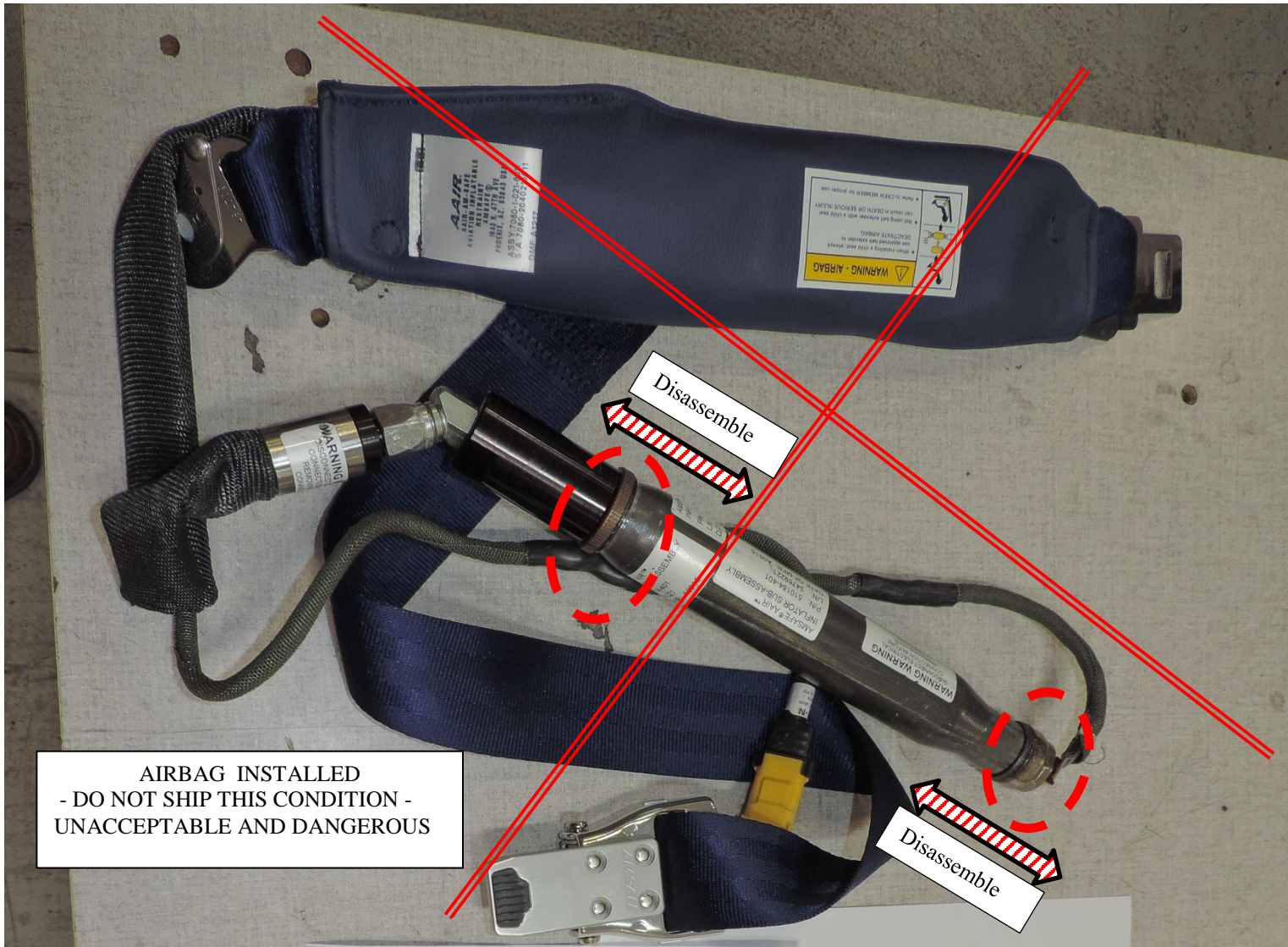
b. P/N 510226-401, 510184-401, 510183-401, AND 511878-401 MUST HAVE THE HOSE ADAPTER REMOVED FROM THE INFLATOR TO SHIP





ACCEPTABLE SHIPPING CONDITION

c) Ensure all Hoses, Hose Fittings and electrical connections are removed from each inflator being shipped .



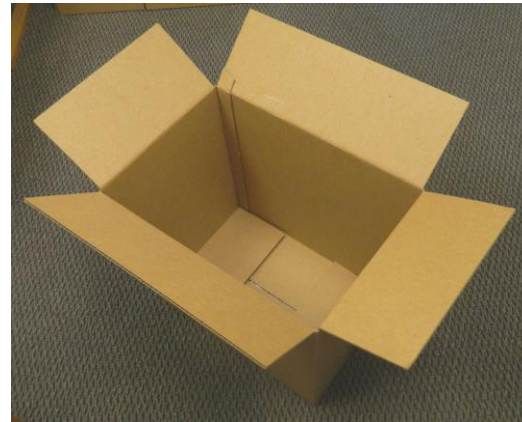
2. ASSEMBLE BOX AND TAPE THE BOTTOM CLOSED.

- FOR THE 6 CELL BOX USE 514017-1
- FOR THE 12 CELL BOX USE 514018-1
- FOR THE 24 CELL BOX USE 510277-1

TAPE 3 STRIPS  
ALONG CENTER



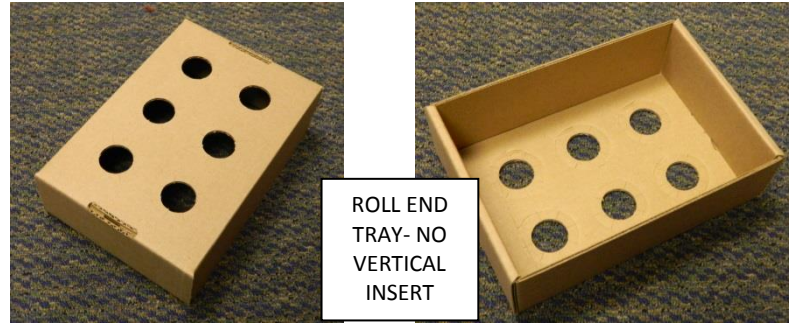
TAPE ALONG  
EDGES AND  
ABOUT 4" DOWN  
EACH OF THE  
SIDES



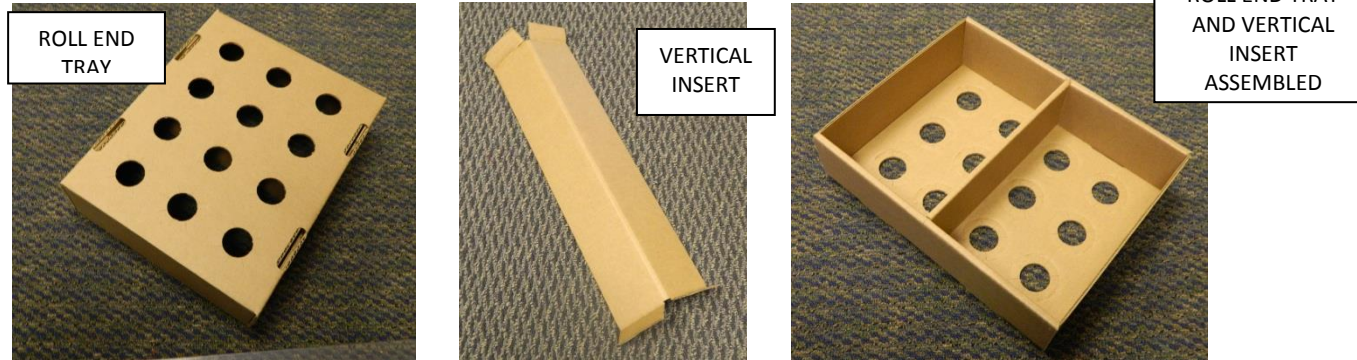


3. EACH BOX GETS 5 END TRAYS. ASSEMBLE EACH ROLL END TRAYS WITH A VERTICAL INSERTS IN EACH (EXCEPT THE 6 CELL BOX- 514017).

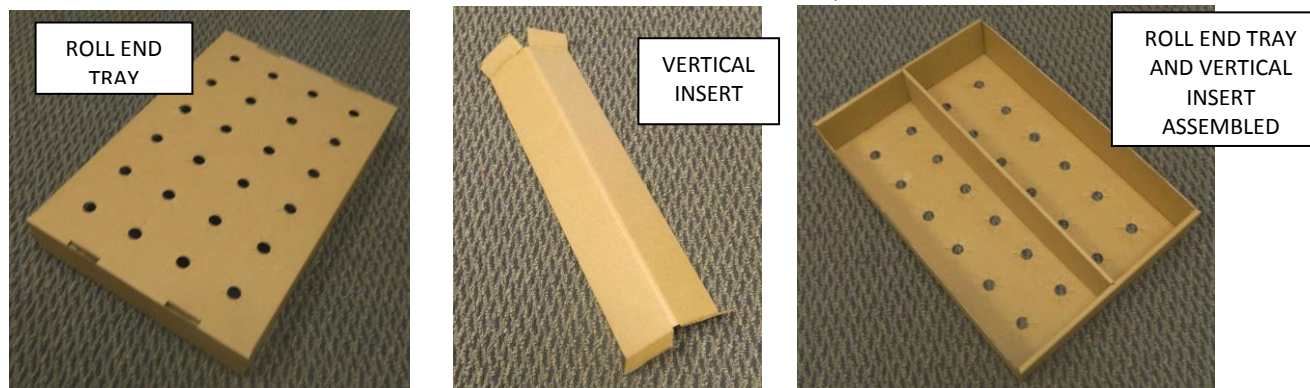
FOR THE 6 CELL BOX USE 514017-2:



FOR THE 12 CELL BOX USE 514018-2, -4:

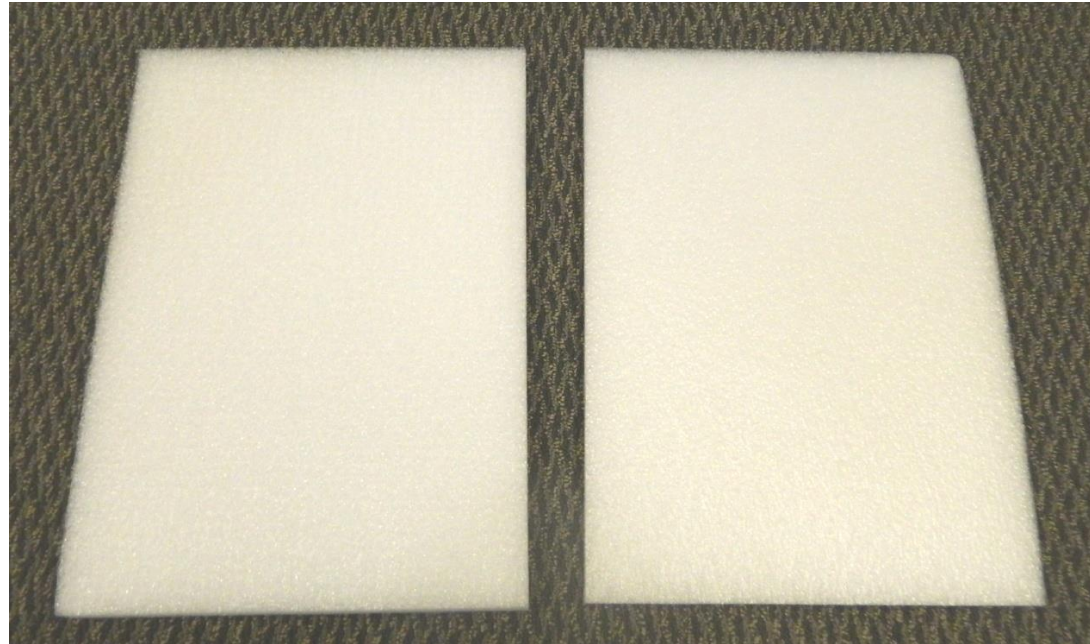


FOR THE 24 CELL BOX USE 510277-2, -4:



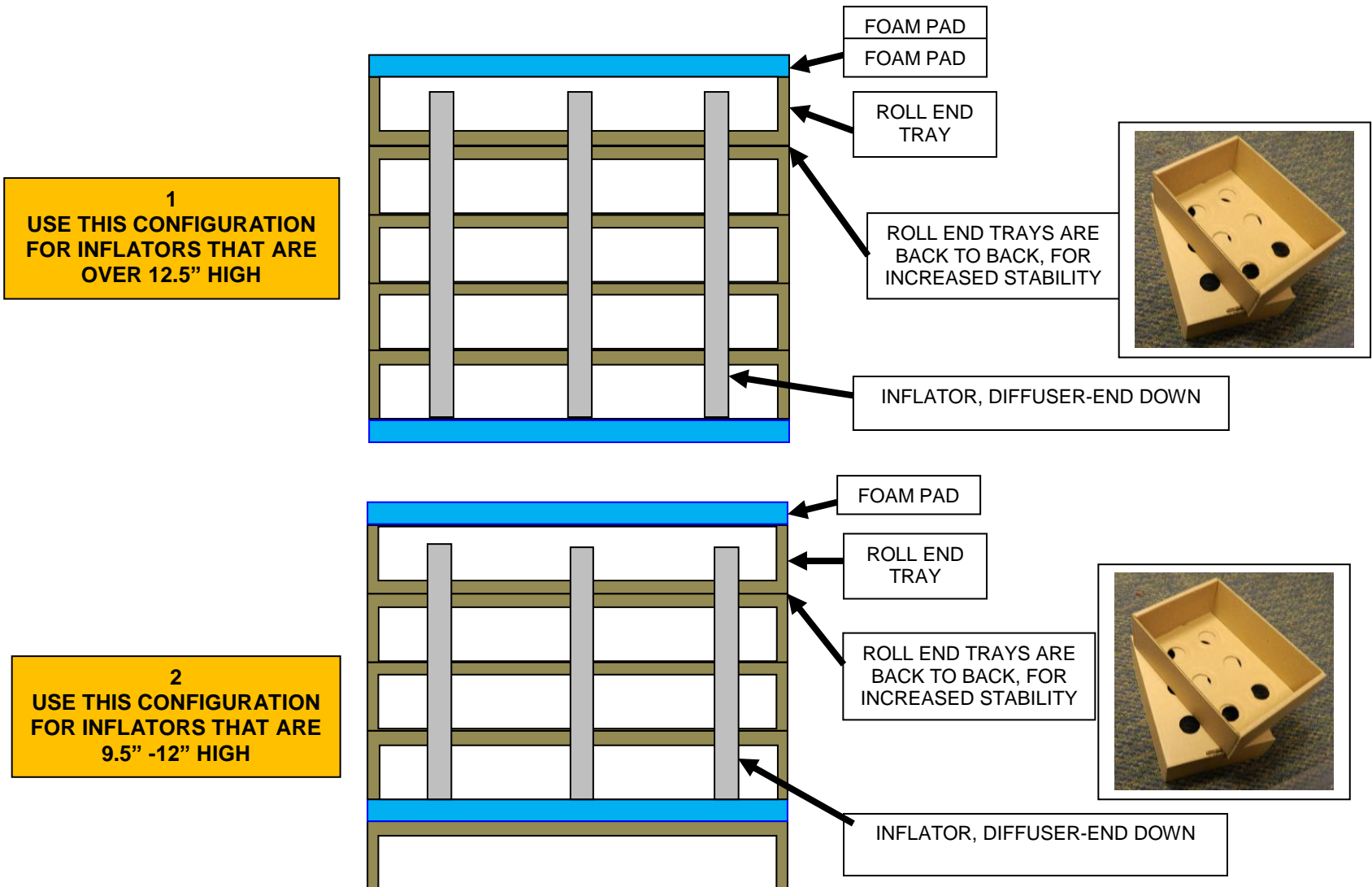
4. EACH BOX GETS 2 FOAM PADS. THE FOAM PADS SHOULD BE PACKED ON THE TOP AND BOTTOM ENDS OF THE INFLATORS.

- FOR THE 6 CELL BOX QTY (2) USE 514017-3:
- FOR THE 12 CELL BOX QTY (2) USE 514018-3:
- FOR THE 24 CELL BOX QTY (2) USE 510277-3:

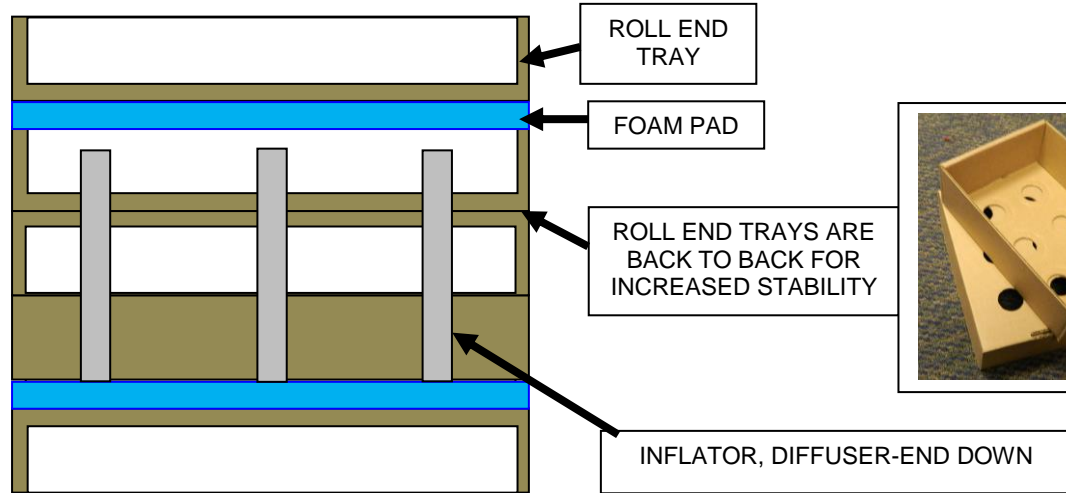


5. USING ONE OF THE SCHEMATICS BELOW THAT IS BASED ON INFLATOR LENGTHS; ASSEMBLE THE BOX WITH THE END TRAYS AND FOAM PADS. ALL PACKAGING COMPONENTS SHOULD FIT SNUGLY IN THE BOX.

### PACKING CONFIGURATIONS (CUT AWAY VIEWS)



**3**  
**USE THIS CONFIGURATION**  
**FOR INFLATORS THAT ARE**  
**9" AND UNDER**



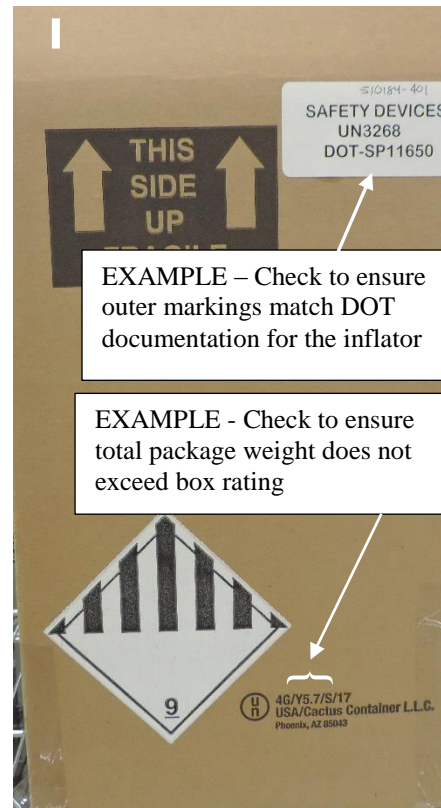
EXAMPLE – INSERT INFLATOR DIFFUSER-END DOWN  
(POLY BAGS REMOVED FOR CLARITY)



EXAMPLE 24-CELL – TOP VIEW –  
IGNITER-END UP  
(FOAM PAD AND POLY BAGS REMOVED FOR CLARITY)

6. CLOSE BOX AND TAPE SHUT. LABEL PER REQUIREMENTS.

BEFORE CLOSING BOX ENSURE TOTAL PACAKGE WEIGHT DOES NOT EXCEED WEIGHT RATING STAMPED ON BOX AND ENSURE LABELING IS CORRECT.





TAPE 3 STRIPS  
ALONG CENTER

TAPE ALONG  
EDGES AND  
ABOUT 4" DOWN  
EACH OF THE  
SIDES

7. Include proper shipping documentation for the Inflator Assembly being returned; DOT, SDS, EGR-171:

Inflator Manufacturer	AmSafe Part No. on Inflator Label	DOT-Hazardous Goods document	SDS	ERG
TRW	508792-401	EX2007020369	E508779	
	508793-401	EX2007020371		
	508794-401	EX2004030191		
	508795-401			
	510385-401	EX2007020372		
	507592-401	EX2001100059		
ARC	511482-401	DOT-SP 12122	ARC SDS v 1.2	ERG Guide 171
	512837-401			
	512839-401			
	512841-401			
	512843-401			
	512845-401			
	512847-401			
	512849-401			
	512851-401			
	512853-401			
	512855-401			
	512857-401			
	512859-401			
	513784-401			
514569-401				
Autoliv	510183-401	DOT-SP 11650	Autoliv SIS-002	
	510184-401			
	510226-401			
	511077-401			
	511450-401			
	511452-401			
	511454-401			
	511456-401			
511878-401				

