

AMP RESEARCH BedX-Tender™

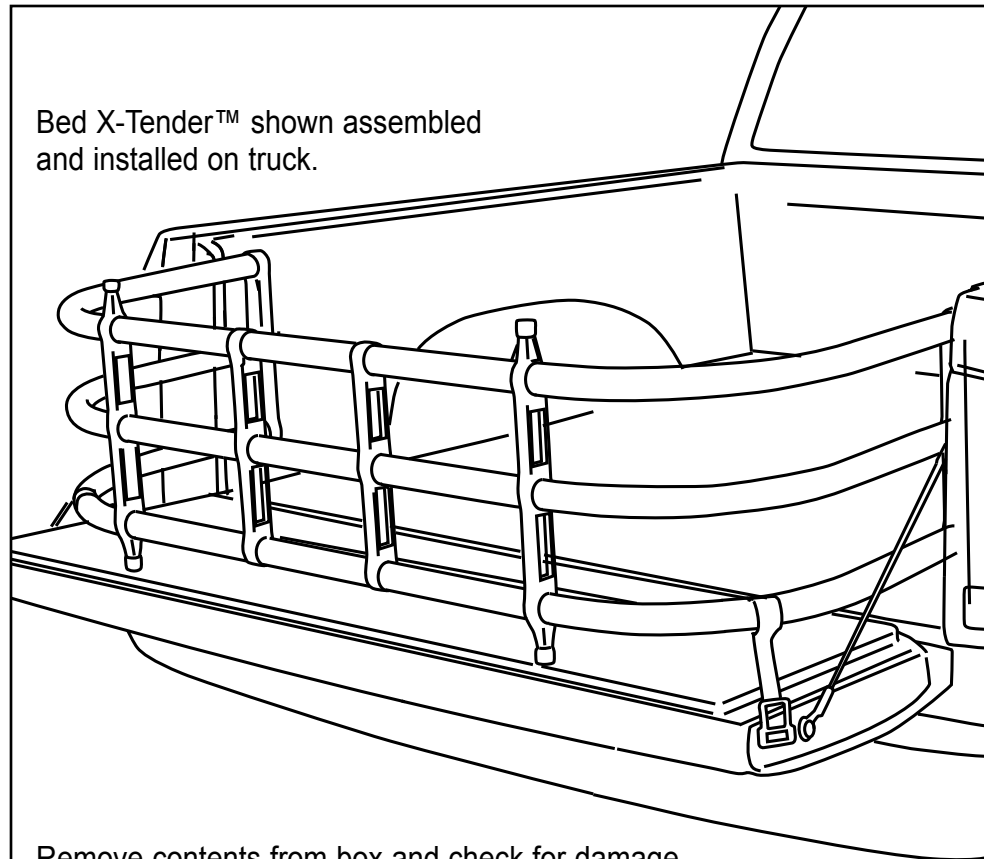
MADE IN USA

APPLICATION

PART

Deep Bed Truck (F150 & Tundra)	74503-00A (Silver)	74503-01A(Black)
Large Truck, Universal (Full-size trucks, wide beds)	74504-00A (Silver)	74504-01A(Black)
Small Truck, Universal (Mid-size and small trucks, small beds)	74501-00A (Silver)	74501-01A(Black)

Bed X-Tender™ shown assembled and installed on truck.

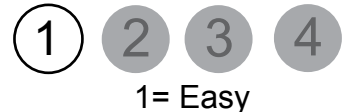


Remove contents from box and check for damage.
Verify all parts against parts list.
Read and understand instructions completely before attempting assembly and installation.

INSTALLATION TIME



SKILL LEVEL



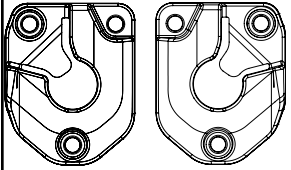
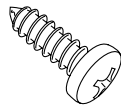
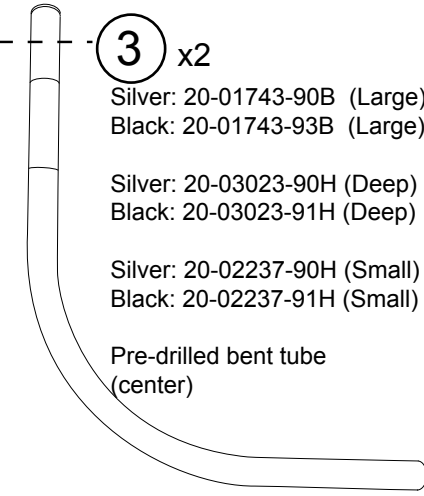
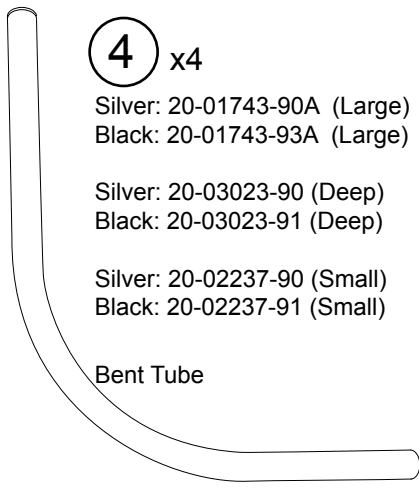
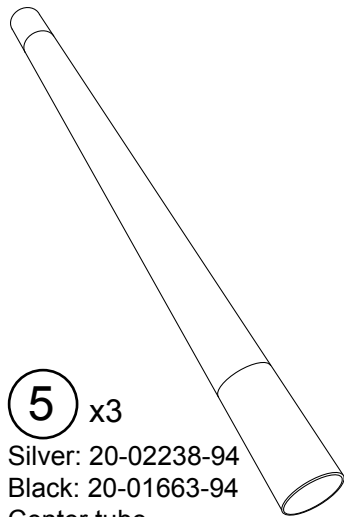
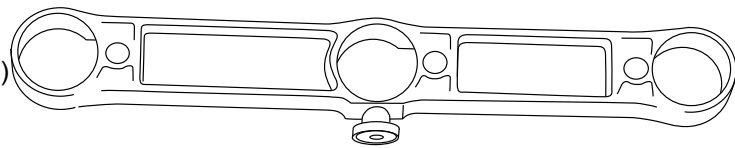
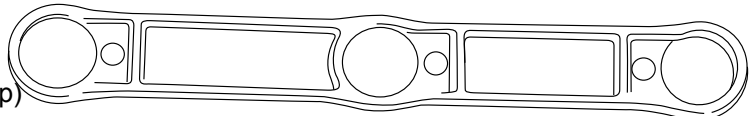
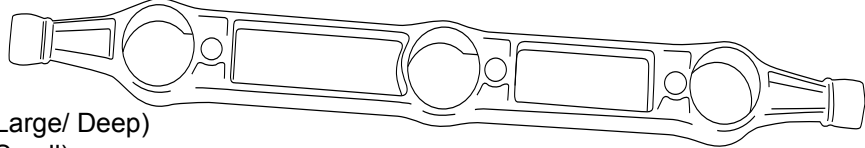
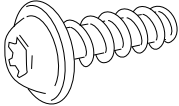
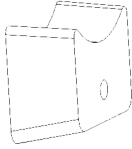
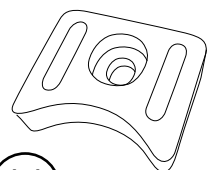
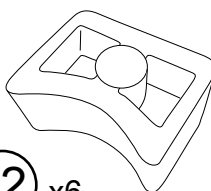
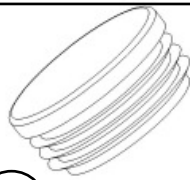
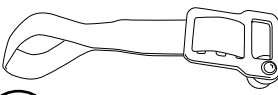
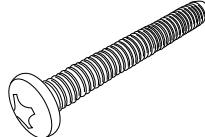

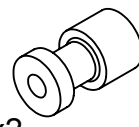
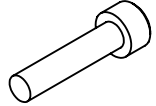
TOOLS REQUIRED

Phillips screw driver
Torx T-20 driver
Power drill
9/64" drill bit
Center punch
Supplied template
Hack saw
Required when installing a Compact Bed X-Tender on Flairside trucks.

AMP RESEARCH TECH SUPPORT 1-888-983-2204 Monday - Friday, 6:00 AM - 5:00 PM PST

Designed and manufactured by AMP Research. Patent 5,700,047; 6,113,173; 6,402,215; 6,806,392; 7,063,366; 7,240,940; 7,393,035; 7,547,054; D417,859; D418,106; D544,826 Other US and Worldwide patents pending. Made in USA. Three-year limited warranty. "BED X-TENDER" is a trademark of AMP Research.
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PARTS LIST AND HARDWARE IDENTIFICATION

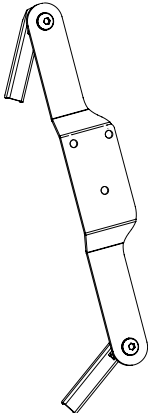
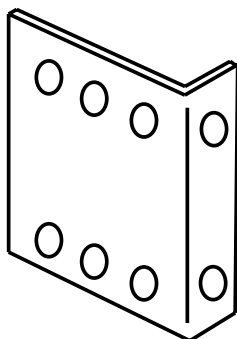
<div>① x2</div> <div>15-3709L-90 15-3709R-90 Quick Mount Bracket</div> <div></div>	<div>② x6</div> <div>20-01998-90 Phillips head screw, self tapping</div> <div></div>	<div>③ x2</div> <div>Silver: 20-01743-90B (Large) Black: 20-01743-93B (Large)</div> <div>Silver: 20-03023-90H (Deep) Black: 20-03023-91H (Deep)</div> <div>Silver: 20-02237-90H (Small) Black: 20-02237-91H (Small)</div> <div>Pre-drilled bent tube (center)</div> <div></div>	<div>④ x4</div> <div>Silver: 20-01743-90A (Large) Black: 20-01743-93A (Large)</div> <div>Silver: 20-03023-90 (Deep) Black: 20-03023-91 (Deep)</div> <div>Silver: 20-02237-90 (Small) Black: 20-02237-91 (Small)</div> <div>Bent Tube</div> <div></div>	
<div>⑤ x3</div> <div>Silver: 20-02238-94 Black: 20-01663-94 Center tube</div> <div></div>	<div>⑥ x2</div> <div>20-02293-13 (Large/ Deep) 20-02105-13 (Small) Pivot upright</div> <div></div>			
	<div>⑦ x2</div> <div>20-02668-11 (Large/ Deep) 20-02648-11 (Small) Center upright</div> <div></div>			
	<div>⑧ x2</div> <div>20-02293-12 (Large/ Deep) 20-02105-12 (Small) Bumper upright</div> <div></div>			
<div>⑨ x18</div> <div>11-02064-90 PT-Screw</div> <div></div>	<div>⑩ x12</div> <div>20-02065-90 Large wedge</div> <div></div>	<div>⑪ x6</div> <div>20-02650-90 Thru-hole wedge</div> <div></div>	<div>⑫ x6</div> <div>20-02649-90 Threaded double wedge</div> <div></div>	<div>⑬ x6</div> <div>20-01696-90 Tube end cap</div> <div></div>
<div>⑭ x2</div> <div>80-01671-93 (Large/Deep) 20-02504-94 (Small) Strap latch assembly</div> <div></div>	<div>⑮ x2</div> <div>20-02044-90 Phillips head screw</div> <div></div>	<div>⑯ x2</div> <div>20-02110-90 Strap latch retainer</div> <div></div>	<div>⑰ x2</div> <div>11-02098-90 Strap latch insert <i>(Only Provided on Deep Bed/Small Kits)</i></div> <div></div>	<div>⑱ x2</div> <div>11-02162-90 Socket cap screw <i>(Only Provided on Deep Bed/Small Kits)</i></div> <div></div>

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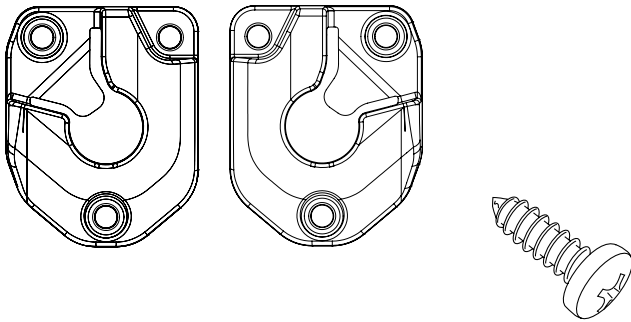
2/8

rev 03.30.11

ADDITIONAL MOUNTING KITS

	DESCRIPTION	APPLICATION	PART #
	No-Drill Mounting Bracket Kit – Ford F-Series OPTIONAL	2004+ F-150 2008+ F-250 2008+ F-350	10-74602-01A
	L-Bracket Mounting Kit REQUIRED TO COMPLETE INSTALLATION	GM S-Series Mazda B-Series Nissan Pickup Toyota Pickup (Pre 2005 models)	10-74601-01A

UNIVERSAL MOUNTING BRACKET INSTALLATION



① x2

Quick Mount
Bracket

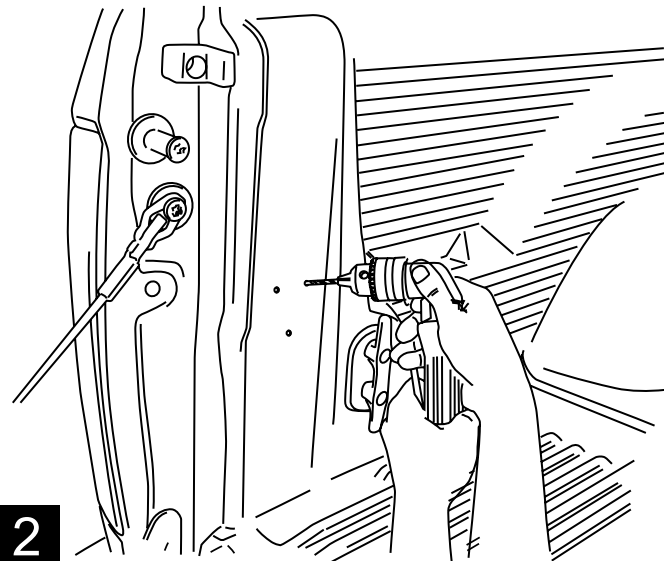
② x6

Phillips head
screw

Cut out supplied template and tape to the D-pillar as shown. Using a center punch, mark holes as specified by the template.

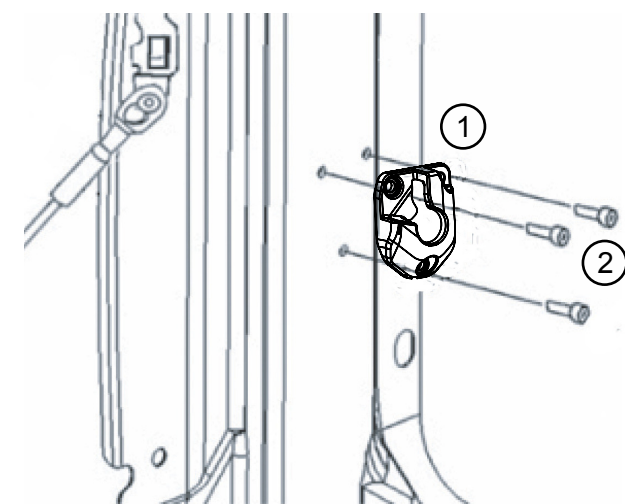


1



2

Using a power drill and 9/64" drill bit, drill through the sheet metal. If equipped with a bedliner, drill through bedliner.



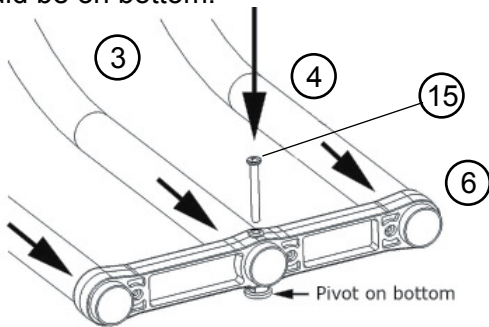
3

Fasten mounting brackets using the supplied self-tapping Phillips screws and torque to 30 in. lbs. If equipped with a bedliner, install mounting brackets over bedliner.

NOTE: If bedliner has contours that may prohibit a flat, solid mounting surface, cut out a rectangular section to clear the bracket and mount the bracket directly to the metal D-pillar.

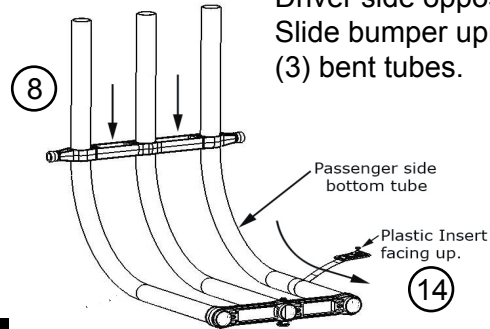
BED X-TENDER ASSEMBLY

Slide (3) bent tubes through pivot upright, bends facing up. Locate drilled tube in center position. Pivot should be on bottom.



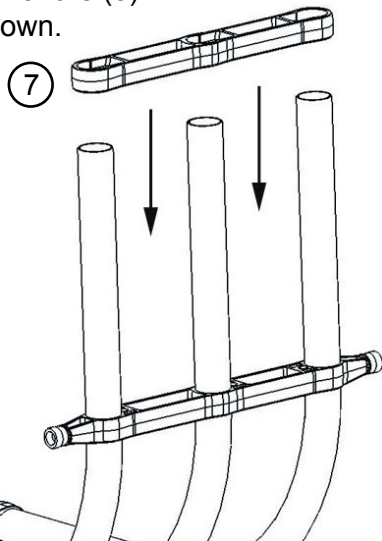
1 Insert Phillips screw through pivot upright and pre-drilled center tube. Torque screw to 18 in. lbs.

Slide strap latch over outside tube with plastic insert facing up. (Passenger side shown, Driver side opposite.) Slide bumper upright over the (3) bent tubes.



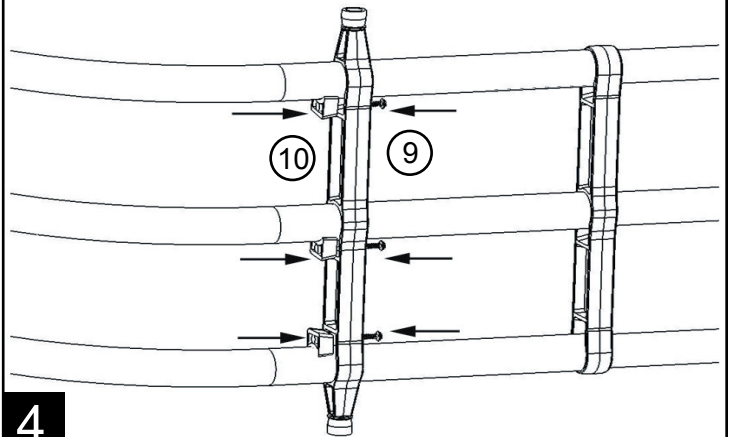
2

Place center upright over the (3) open tube ends as shown.



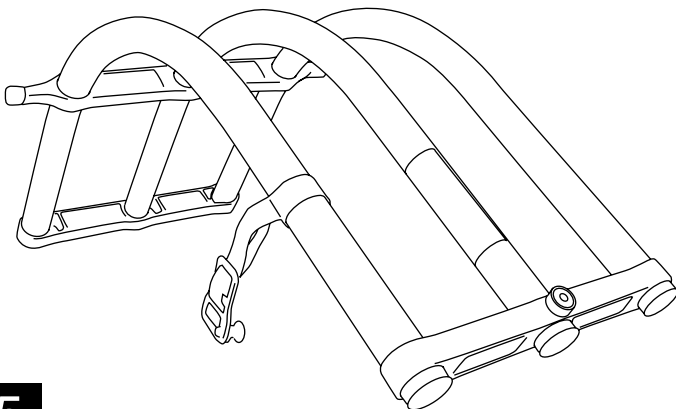
3

Insert large wedge and PT screw into bumper upright and assemble loosely. The bumper upright will be adjusted and tightened later in Step 11 & 12.



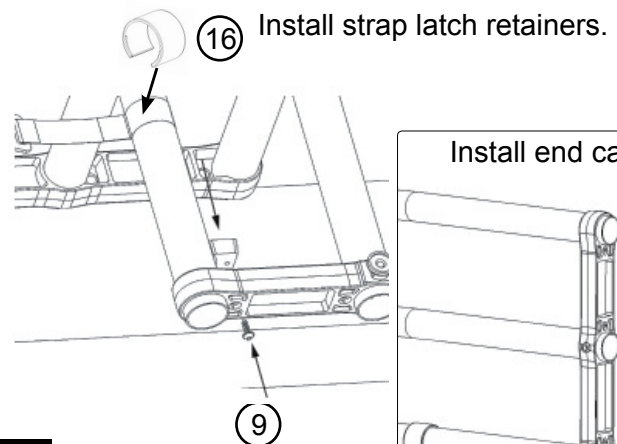
4

Place assembly on flat surface as shown. The tube ends should extend through the pivot upright approximately. 3/8"



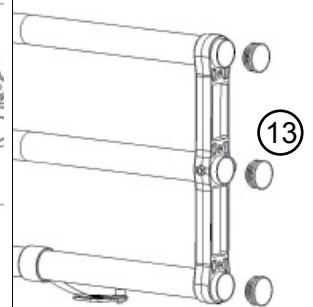
5

Secure pivot upright with large wedge and PT screw. Torque to 20 in. lbs.



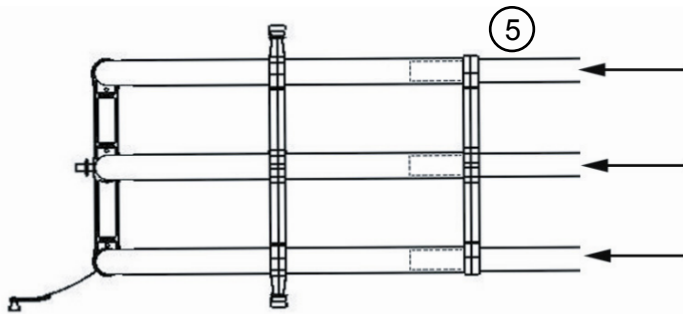
6

Install end caps.



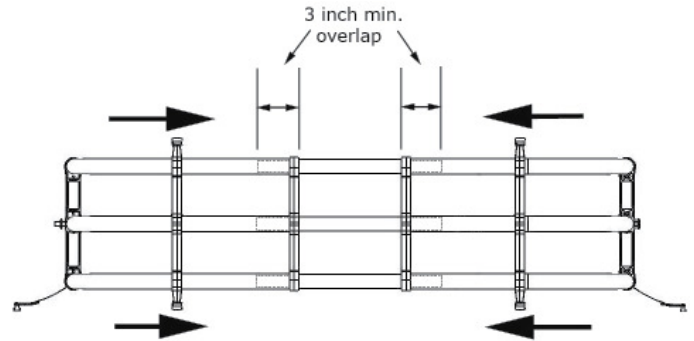
BED X-TENDER ASSEMBLY – CONTINUED

Slide (3) center tubes into the open ends of the bent tubes as shown.



7

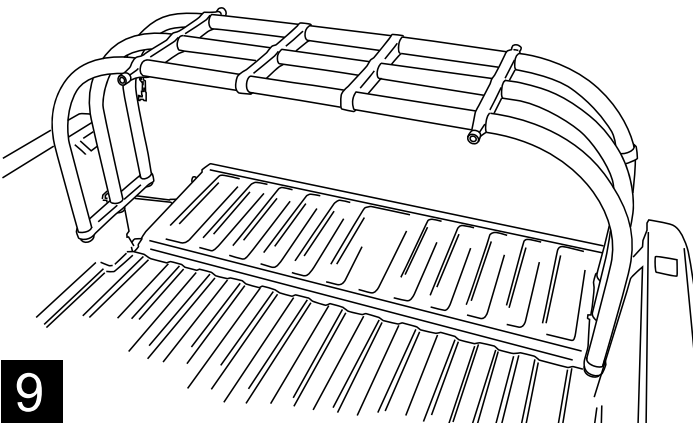
Connect the two halves. Make sure there is at least 3" overlap with the bent tubes on each side.



8

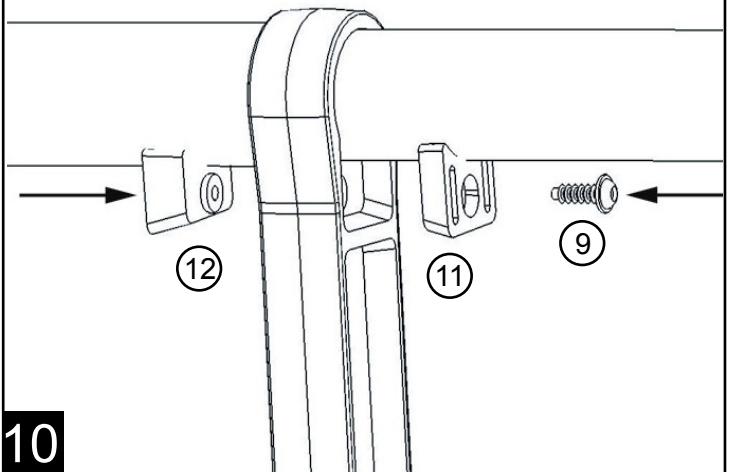
*For flareside trucks using compact Bed X-Tender cut 4" off of each half of bent tubes.

Adjust the width of the Bed X-Tender by placing the pivots into the mounting brackets.



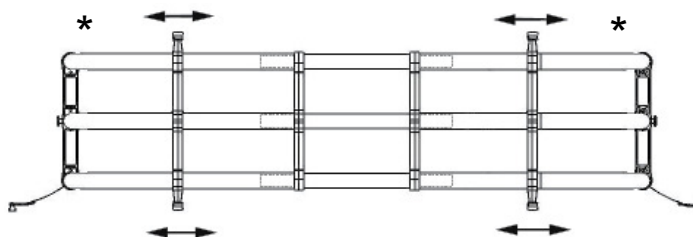
9

Secure the center uprights with double wedges and PT screws. (The thru-hole wedge is placed in the shallow pocket.)



10

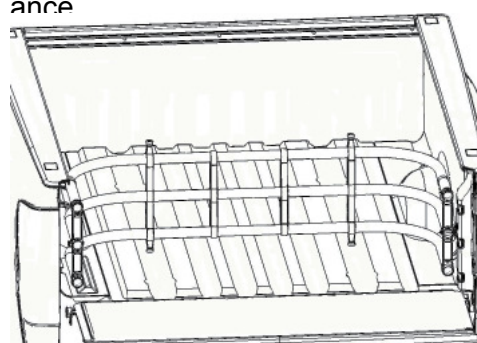
Adjust bumper uprights so that the rubber bumper rests on a flat surface on the tailgate.



*If bumper uprights are at the edge of the tailgate, position them along the radius.

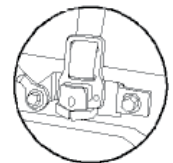
11

Rotate Bed X-Tender into the bed and check that the rubber bumper position is on a flat surface. Torque PT screws to 20 in. lbs. Close tailgate and check for clearance.



12

When Bed X-Tender is out on the tailgate be sure to fasten strap latches properly.

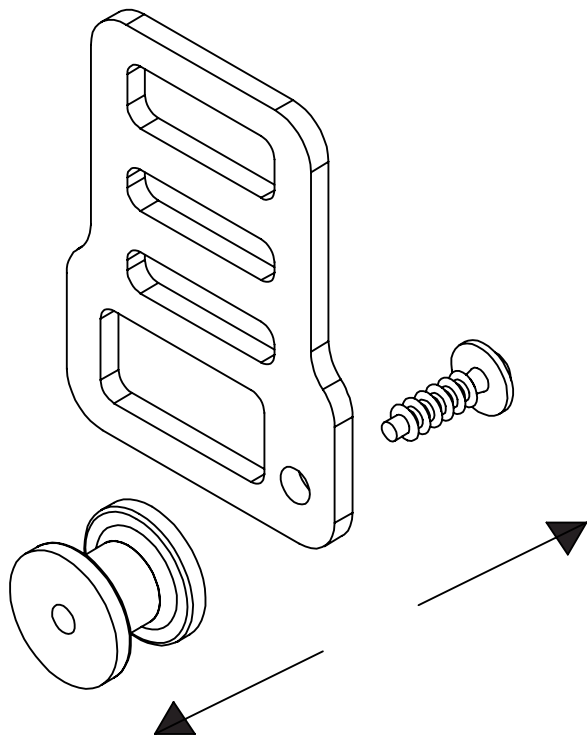


Nylon Insert

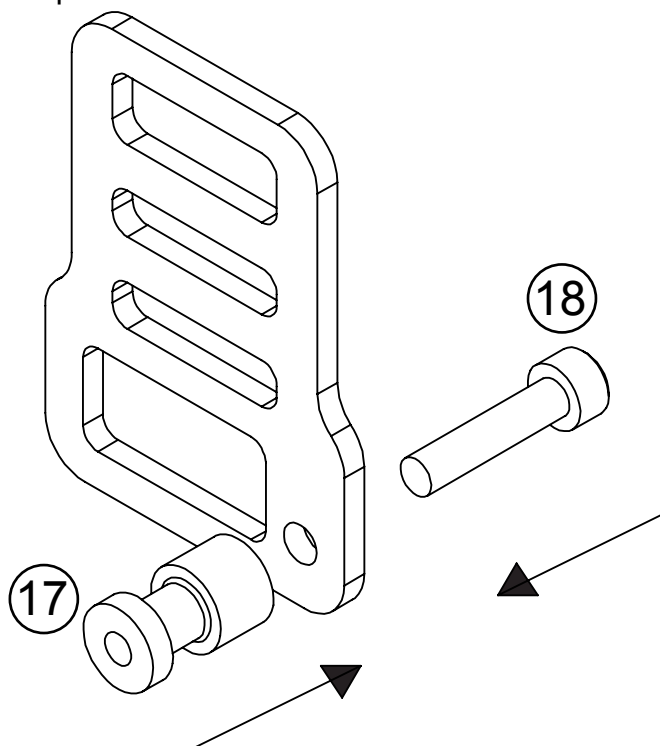
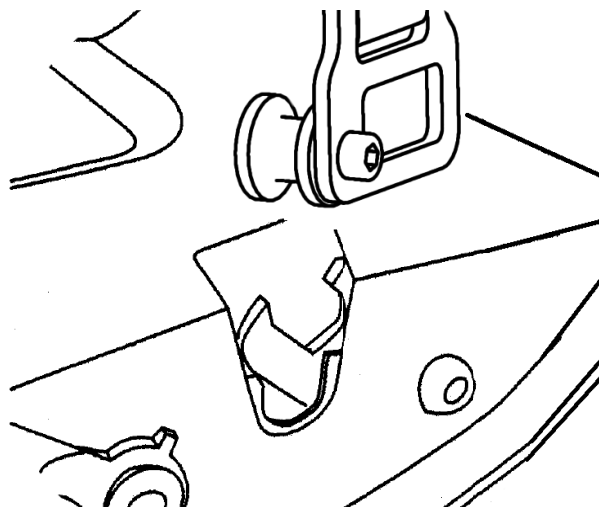
Note: For tailgates with side latches, nylon inserts must be removed from buckles.

For Toyota applications the supplied strap latch insert must be used.

Remove the PT screw with a T20 Torx driver.

**13**

Install 1 piece insert with the provided 10/32 x 7mm socket head cap screw with a 4mm hex key. Repeat for other strap.

**14****15**

When the Bed Extender is at the furthest rear position, push down on the buckle to insert into tailgate latch. Tighten straps. To release, pull tailgate handle.

NOTE: Ensure that buckles are properly inserted into latches by pulling on the straps after both buckles have been inserted.

LIMITED WARRANTY

AMP RESEARCH warrants product to be free from defects in material and workmanship, for terms specified below, provided there has been normal use and proper maintenance. □ This warranty applies to the original purchaser only. All remedies under this warranty are limited to the repair or replacement of any item found by the factory to be defective within the time period specified.

If you have a warranty claim, first you must call our factory at the number below for instructions. You must retain proof of purchase and submit a copy with any items returned for warranty work. Upon completion of warranty work, if any, we will return the repaired or replaced item or items to you freight prepaid. Damage to our products caused by accidents, fire, vandalism, negligence, misinstallation, misuse, Acts of God, or by defective parts not manufactured by us, is not covered under this warranty.

THE WARRANTY TIME PERIOD IS AS FOLLOWS: THREE YEARS FROM DATE OF PURCHASE.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE CREATED HEREBY ARE LIMITED IN DURATION TO THE SAME DURATION AND SCOPE AS THE EXPRESS WRITTEN WARRANTY. OUR COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

FOR WARRANTY ISSUES WITH THIS PRODUCT PLEASE CALL AMP RESEARCH CUSTOMER SERVICE BY CALLING TOLL - FREE 1-888-983-2204

WARNING

The manufacturer strongly recommends that this product be professionally installed.

Failure to carefully follow the electrical installation steps could result in severe electrical shock that could harm the installer and/or damage the vehicle.

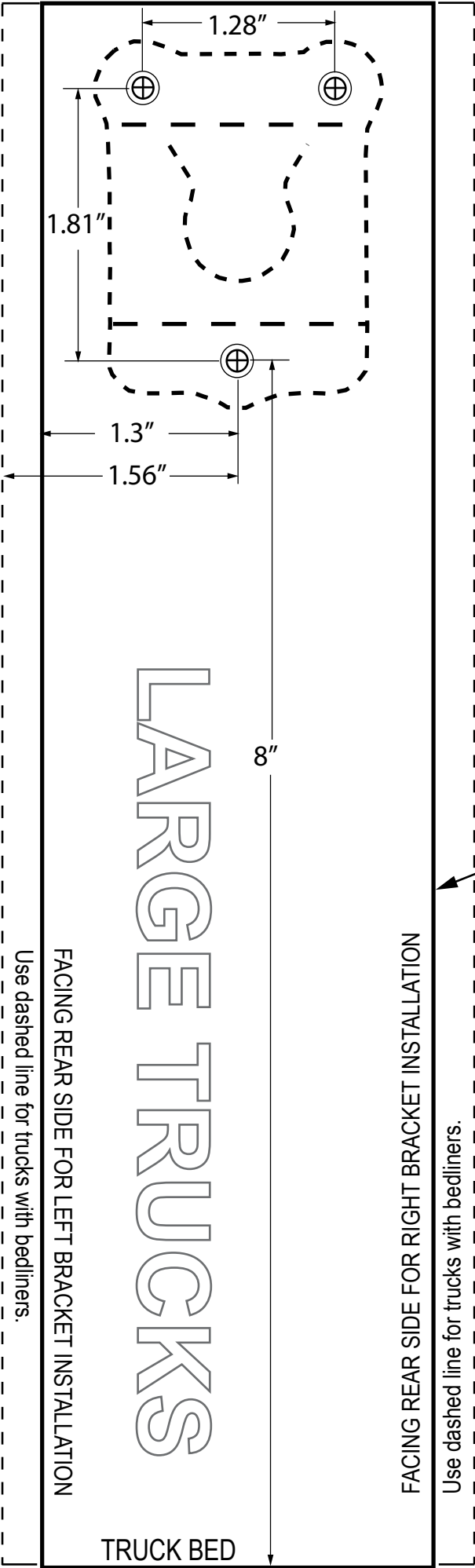
This product is designed to enhance the appearance of the vehicle. Do not rely in any way on the components of this product to contain occupants within the vehicle, or to protect against injury of death in the event of an accident. Never operate vehicle in excess of manufacturer's specifications.

WEAR SEAT BELTS AT ALL TIMES

Read and follow, precisely, all installation instructions provided when installing this product. Failure to do so could place occupants of the vehicle in a potentially dangerous situation. After installing or reinstalling, check to make sure it has been properly installed.

Drill template for Bed X-Tender™ mounting brackets

NOTE: FOR TRUCKS WITH BEDLINERS, USE THIS TEMPLATE ON TOP OF BEDLINER. DO NOT CUT BEDLINER!



Cut or fold along solid lines.
(Dashed lines for trucks with bedliners.)

Drill template for Bed X-Tender™ mounting brackets

