Part Number: PT973-34220-RH, PT973-34220-LH PT973-34222 PT973-34223

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Side Storage Box
2	1	Hardware Bag
3	1	Key Set

Hardware Bag Contents

Item #	Quantity Reqd.	Description
100933	4 (per side)	Backing Plate
SM1121BD	1 (per side)	Truck Bracket
SM0339SB	1 (per side)	Striker Bracket
100144	8 (per side)	M6 Nut W/yellow T.Patch
1H1292LW	8 (per side)	M6 Lock Washer
1H1293FW	8 (per side)	M6 Flat Washer
SM7557LP	1 (per side)	Slam Latch Assembly
100725	1 (per side)	Pivot Lock

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	**Notes**
Eye Protection	When Drilling
Special Tools	**Notes**
6.5mm drill bit with stop	
Vacuum	
Installation Tools	**Notes**
10mm wrench or socket	
TQ Wrench	
Flat Tip Screwdriver	
Special Chemicals	**Notes**
3M Body Sealant	

General Applicability

MY22 + Tundra/Tundra HV

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

SAFETY TORQUE: This mark indicates that torque is related to safety.

REGULATORY MARK: This mark indicates the component is related to regulatory compliance

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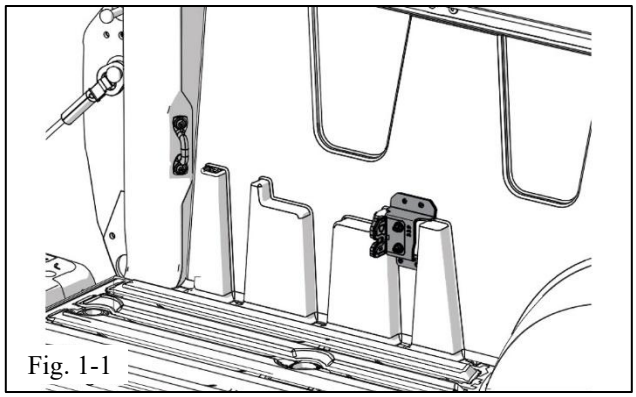
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

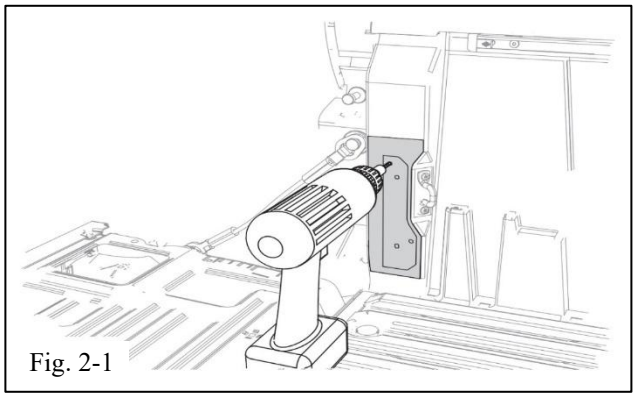

Fig. 1-1

1. Mark the Four Holes Front Bracket

(a) Using the striker bracket as a template, make a mark in each of the four (Fig. 1-1).

(b) Drill four 6.5mm diameter holes.

⚠ **NOTE: The drill should not drill any deeper than 25mm.**


Fig. 2-1

2. Mark the Four Holes for Rear Bracket

(a) Use the paper template shown on the last page as a template for the truck bracket (Fig. 2-1).

(b) Cut at the dotted line.

(c) Place the template onto the bed surface and align as shown.

(d) Drill four 6.5mm dia. holes in each circle location.

(e) Vacuum any leftover material.

(f) Use 3M body sealant to place a film over the cut area of the holes in the D-pillar to prevent corrosion.

⚠ **NOTE: The drill should not drill any deeper than 25mm.**

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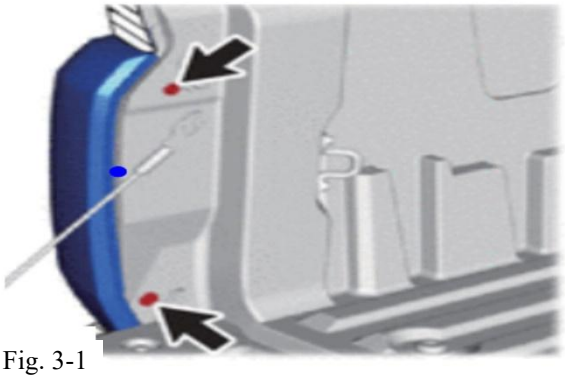


Fig. 3-1

3. Remove the Rear Combination Lamp

(a) Remove two 10mm mounting bolts from inside bed area (Fig. 3-1).

(b) Remove rear combination lamp by pulling straight back.

(c) Place lamp on a support (Fig. 3-2).

NOTE: If equipped with Power Tailgate function, skip to step 5.

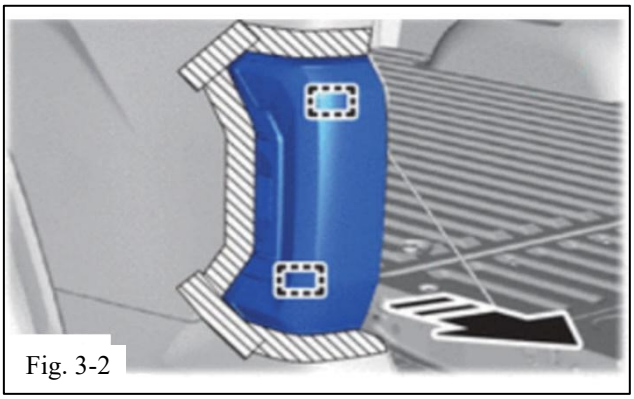


Fig. 3-2

4. Remove the Tailgate Support (Driver Side Only).

If the sequence below is not followed, removal of tailgate support may cause injury or vehicle damage.

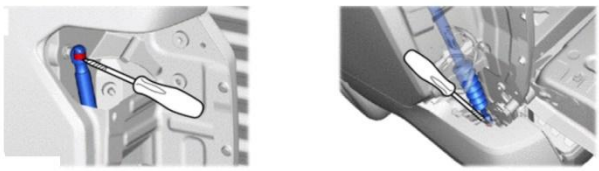


Fig. 4-1

(a) With tailgate down/open use a screwdriver with its tip wrapped with protective tape, lightly raise the 2 stop rings.
Use caution to not disengage ball joints.

(b) Carefully raise tailgate up/closed and disengage the 2 ball joints to remove the tailgate support (Fig. 4-1).

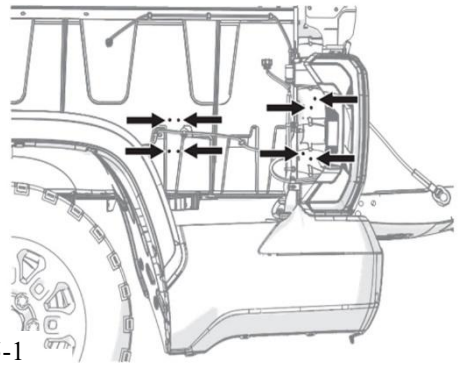


Fig. 5-1

5. Locate the Eight Holes.

(a) Access the inside of the bed wall and locate the eight drilled holes. Caution that burrs and edges can be sharp (Fig. 5-1).

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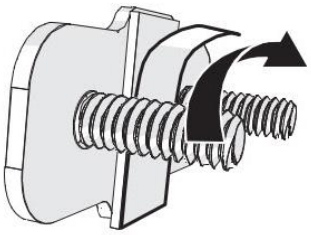


Fig. 6-1

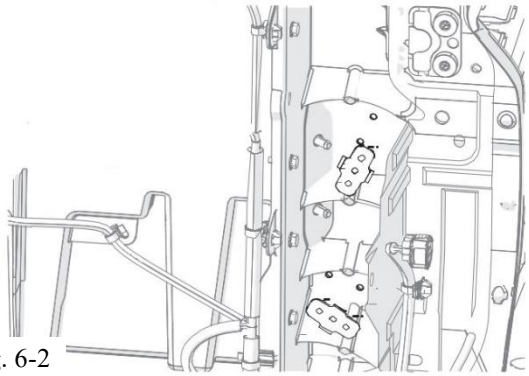


Fig. 6-2

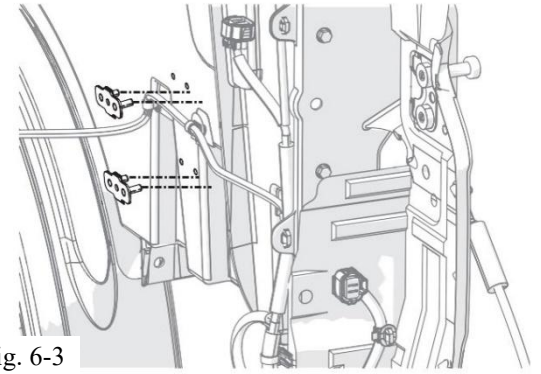


Fig. 6-3

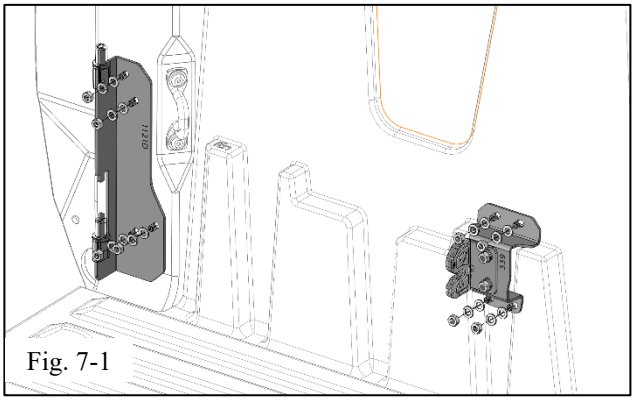


Fig. 7-1

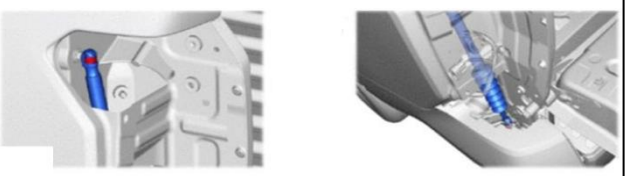


Fig. 8-1

6. Install the Bolt Plates

(a) Remove the protective film from the adhesive prior to installing each plate (Fig. 6-1).

(b) Check that the area where the adhesive must stick is clear of dirt and debris.

(c) Install a bolt plate into each (4 total) pair of drilled holes (Fig. 6-2 & 6-3).

7. Install the Side Storage Box Brackets

(a) Install the SM1121BD truck bracket to the bolts in the bed pillar. Use a 10mm wrench or socket and the M6 Flat washers, Lock washers and Nuts (W/Yellow torque patch).

⚠ **Tighten to 8.5 Nm (75.5 in-lbs) (Fig. 7-1).**

(b) Install the SM0339SB striker bracket assembly to the bolts in the bed wall. Use a 10mm wrench or socket and the M6 Flat washers, Lock washers and Nuts (W/Yellow torque patch).

⚠ **Tighten to 8.5 Nm (75.5 in-lbs).**

⚠ **NOTE: If equipped with Power Tailgate function, skip to step 9.**

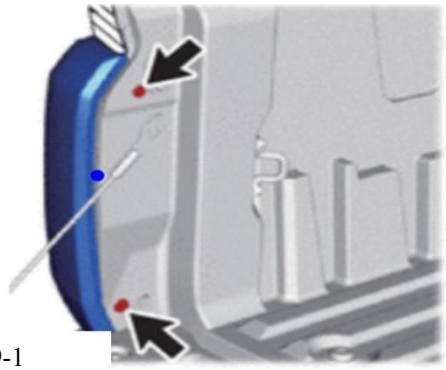
8. Reinstall the Tailgate Support (Driver Side Only)

(a) With tailgate up/Closed install 2 ball joints (Fig 8-1)

(b) Press on the 2 stop springs to fully seat.

(c) Lower tailgate

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Fig. 9-1

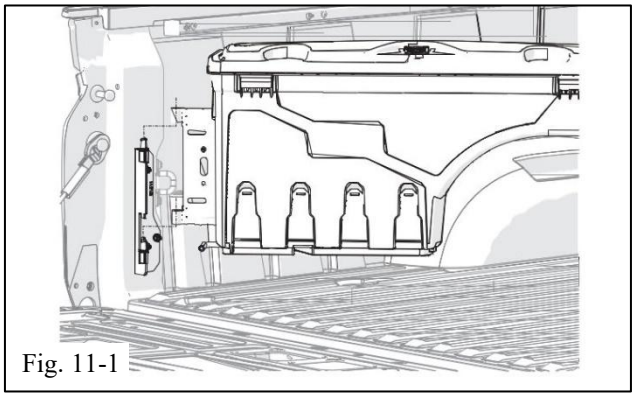
9. Reinstall the Rear Combination Lamp

(a) Reinstall the rear combination lamp into the bed side until it is fully seated and the installation bolt holes align (Fig. 9-1).

(b) Reinstall two 10mm bolts.

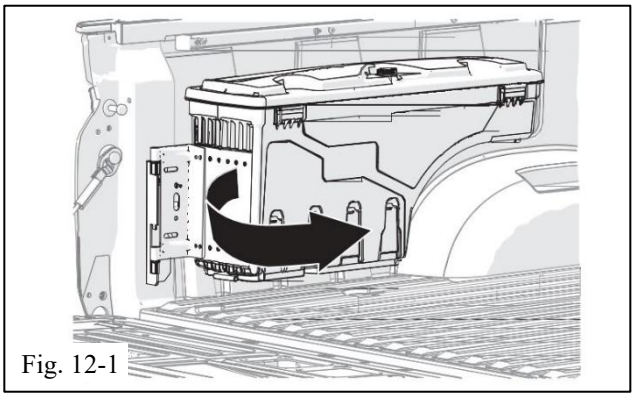
⚠ **Tighten to 5 Nm (44in-lbs).**

⚠ **10. Re-torque all M6 Nuts (W/Yellow torque patch) to 8.5 Nm (75.5 in-lbs)**


Fig. 11-1

11. Install the Side Storage Box

(a) Lift the case, align the openings of the case bracket to the pins of the truck bracket and lower the side storage box onto the pins (Fig. 11-1).


Fig. 12-1

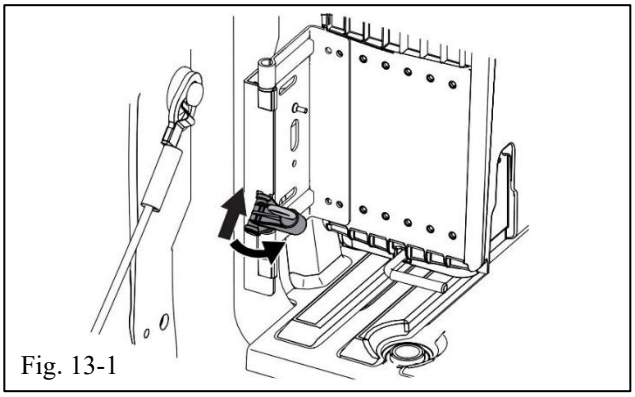
12. Close the Latch and Side Storage Box

(a) Swing the side storage box to the truck bed wall to latch it in place (Fig. 12-1).

⚠ **NOTE: If box is difficult to latch, loosen and adjust the striker bracket until latching condition is acceptable.**

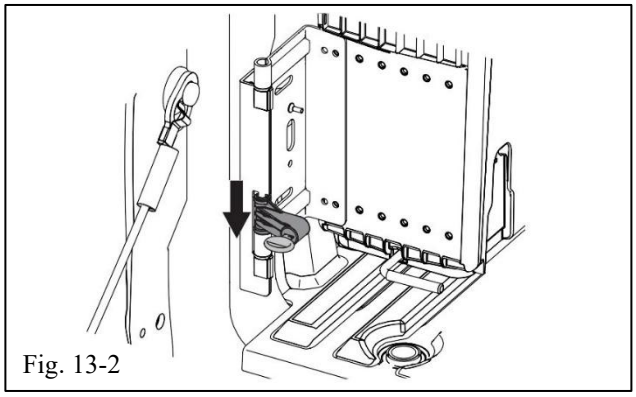
Re-tighten to 8.5 Nm (75.5 in-lbs) if adjustments were needed.

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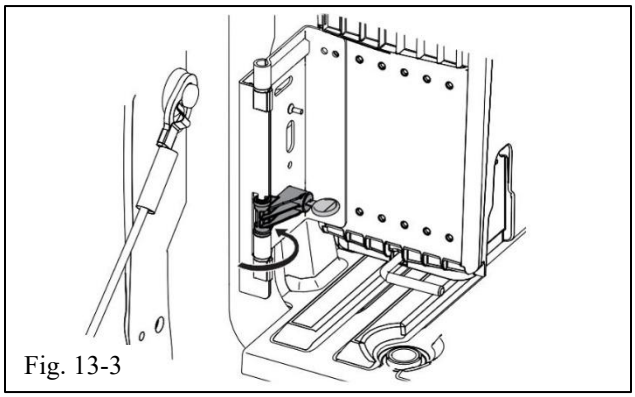

Fig. 13-1

Install the pivot lock

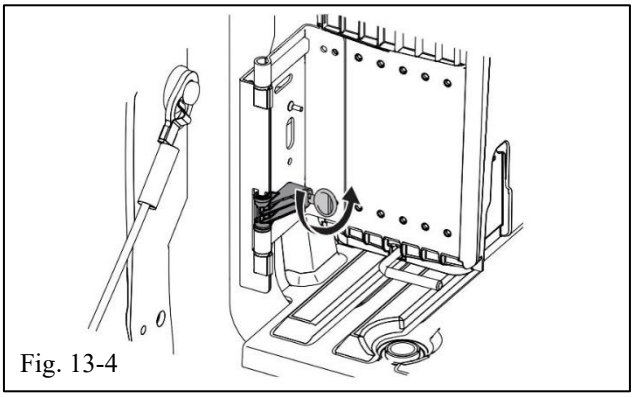
(b) Insert the supplied pivot lock at an angle between the lower tab and the top of the lower pivot bushing. While pushing upward on the pivot lock, rotate the pivot lock into position over the top of the lower pivot bushing (Fig. 13-1).


Fig. 13-2

(c) Once the pivot lock is over the top of the lower pivot bushing, slide the pivot lock down against the top of the pivot bushing (Fig. 13-2).


Fig. 13-3

(d) Rotate the pivot lock towards the box bracket, so that the pivot lock is against the bracket and lines up with the slotted hole in the bracket (Fig. 13-3).


Fig. 13-4

(e) Rotate the key 90 degrees into the locked position (Fig. 13-4). Place keys in glove box.

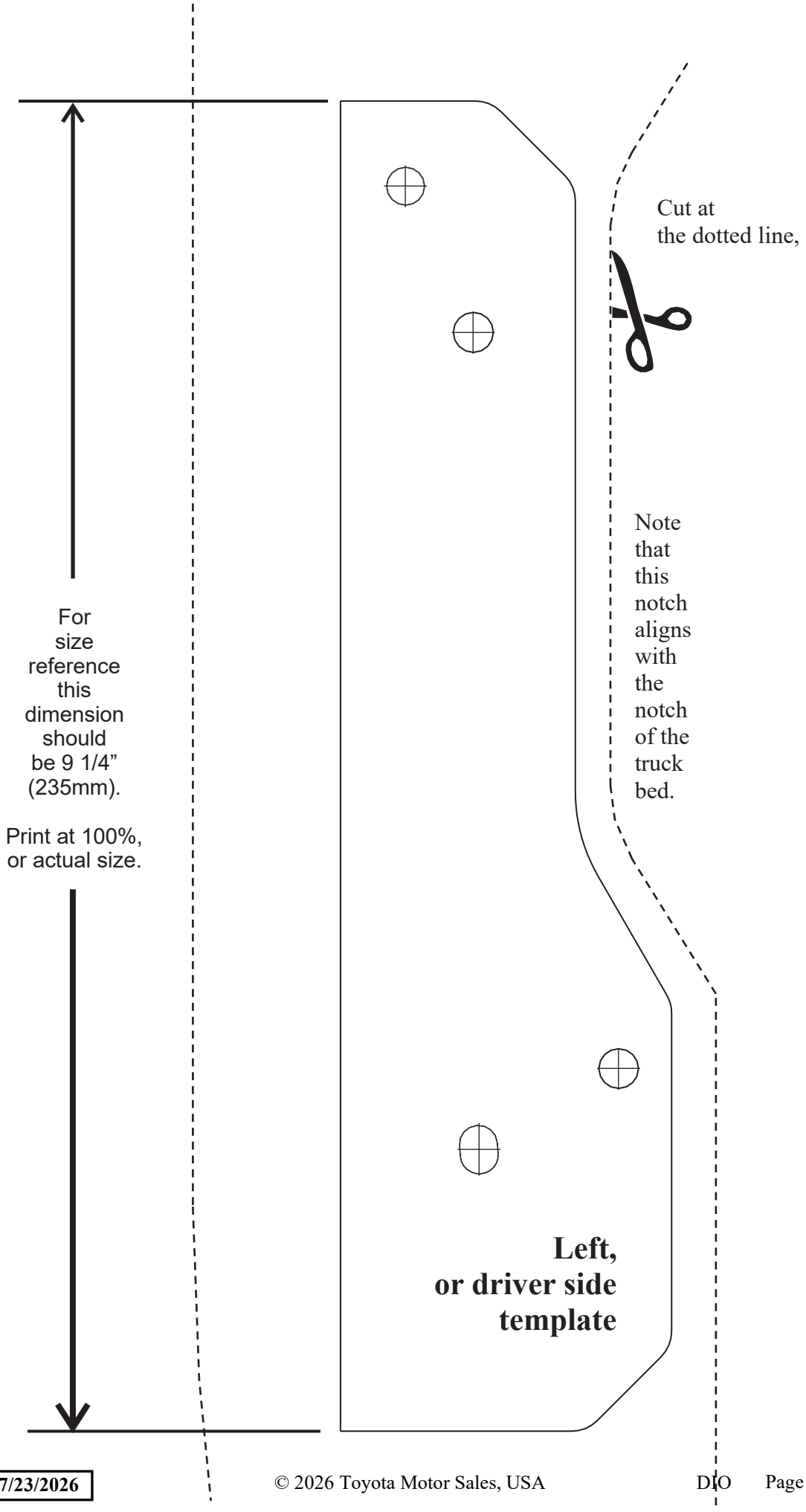
⚠ **NOTE: Once the pivot lock is in the locked position, this will allow the user to still pull the release handle and swing the case out over the tailgate. The pivot lock will prevent the case from being fully removed.**

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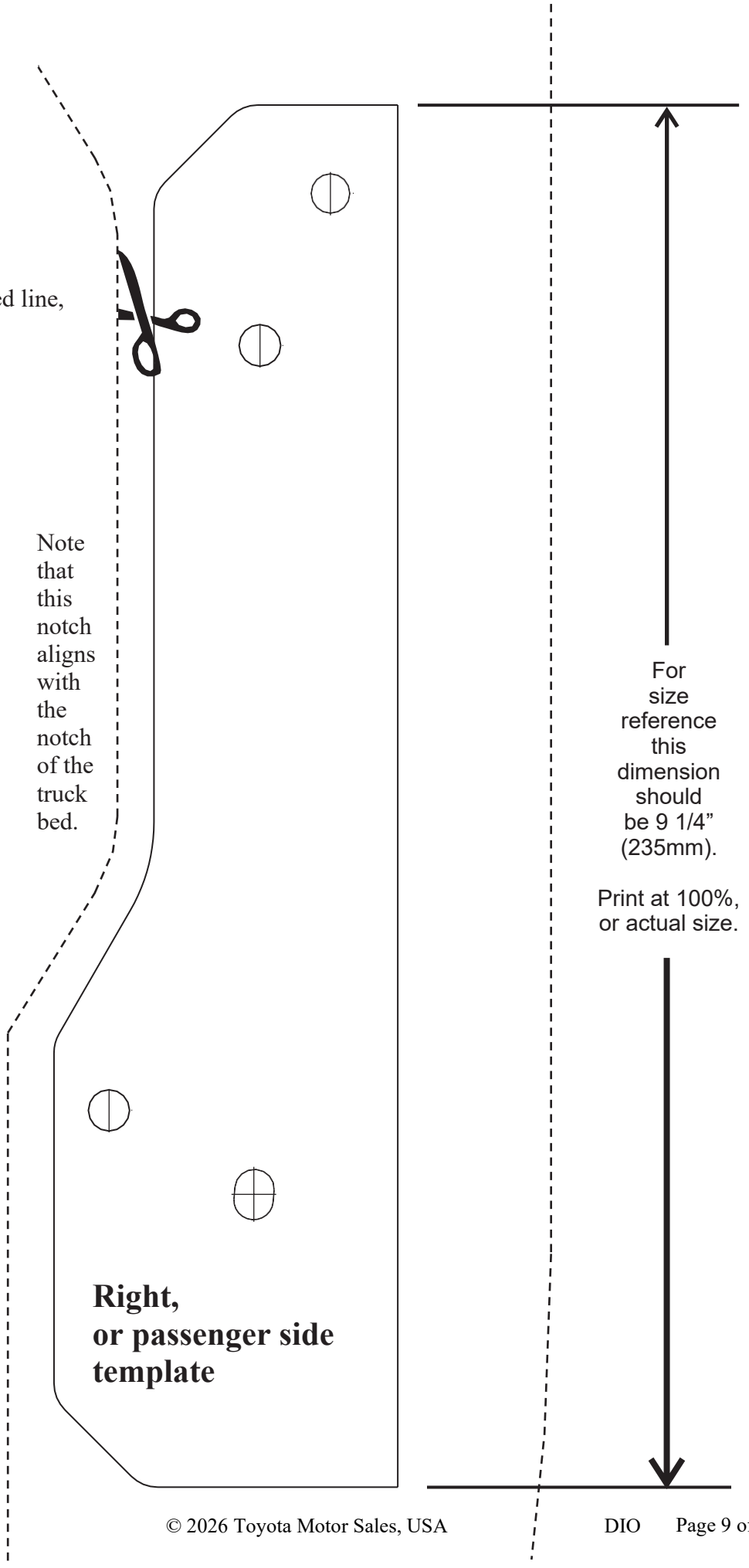
Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
Accessory Function Checks	
☐ Verify parts:	Removed items have been discarded & replaced items are in place
☐ Swing Box pivot and latching	Ensure box latches and unlatches
☐ Pivot Lock	Ensure lock is secure
Vehicle Function Checks	
Vehicle Appearance Check	
☐ After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)

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