

TOYOTA TACOMA/TUNDRA 2005 – 2015 / 2007 - LOCKING BIKE FORK MOUNT

Preparation

Part Number: PT970-00001

Kit Contents

Item #	Quantity Req.	Description
1	1	Hardware Bag
2	1	Locking Blockhead
3	1	Skewer Assy. With Keys

Hardware Bag Contents

Item #	Quantity Req.	Description
1	1	Torx Screw Wrench
2	2	Bushings
3	2	Fiber Washers
4	2	Plate Bolt
5	2	Stainless Washers
6	2	Hex Head Bolts
7	1	Bolt Cover
8	2	Theft deterrent bolts (Torx)

Additional Items Required For Installation

Item #	Quantity Req.	Description
1		
2		

Conflicts

Models without header bed rails

Recommended Tools

Personal & Vehicle Protection	Notes
Special Tools	Notes
Installation Tools	Notes
Torque Wrench	10mm Open end attachment
Wrench	10mm
Special Chemicals	Notes

General Applicability

All vehicles equipped with header bed rails

Recommended Sequence of Application

Item #	Accessory
1	
2	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req.	Description
1		
2		

Legend

STOP **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.

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



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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.

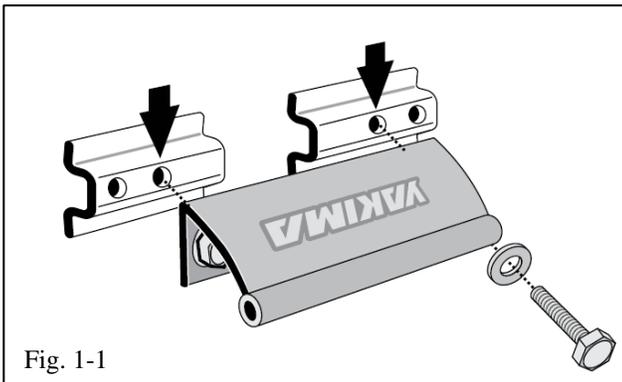
This document covers such items as:-

- 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.

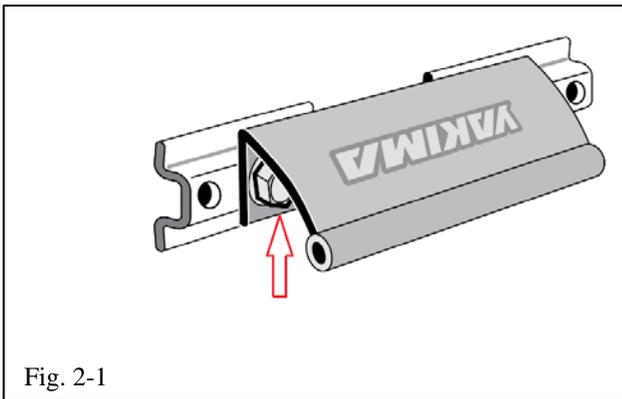
1. Attach the Plates to the Blockhead

- (a) Insert the hex bolts with metal washers onto center holes in the plates (Fig. 1-1).

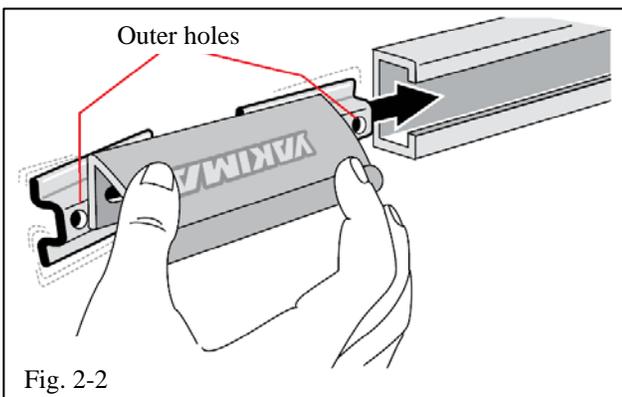


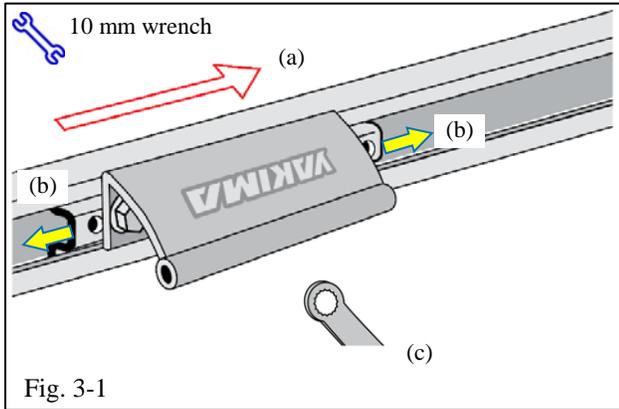
2. Secure the Hex Bolts to Plate and Insert Blockhead to Rail

- (a) Loosely secure the hex bolts in the plates (Fig. 2-1).



- (b) Slide blockhead with loose plates into the rail (Fig. 2-2).
- (c) Make sure the plate outer holes are on the outside of the blockhead.



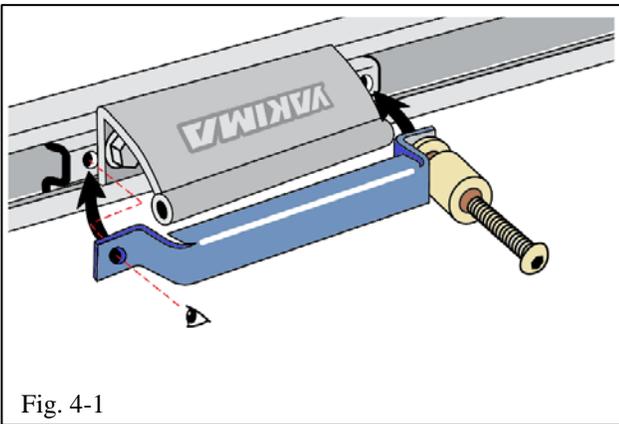


3. Position the Blockhead into Desired Location

- (a) Slide the blockhead into location (Fig. 3-1).
- (b) Pull plates outwards to clear the outer hole of the plates
- (c) With a 10mm wrench, secure hex bolt to prevent unwanted movement of the plates, do not tighten completely.

4. Align the Bolt Cover

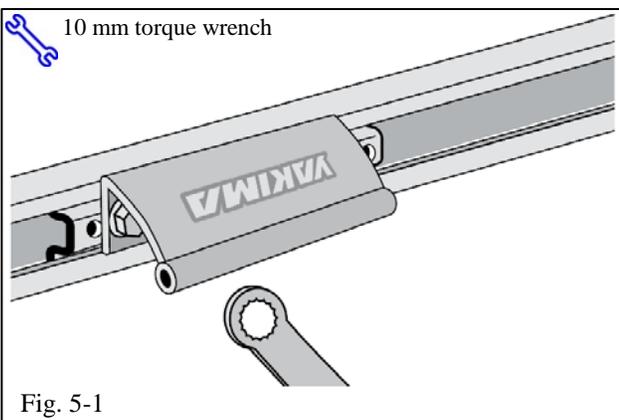
-  (a) Align bolt cover to plate holes.
- (1) On one end install the theft deterrent bolt, fiber washer and bushing (Fig. 4-1).
 - (2) Inspect if the opposite plate hole aligns with the cover. If not aligned, move the plate so both holes align.



5. Torque the Hex Bolts

- (a) Remove the bolt cover from Step 4.
-  (b) With a 10mm torque wrench, tighten the hex bolts (Fig. 5-1).

Torque: 9.5 N-m (84 lbf-in)



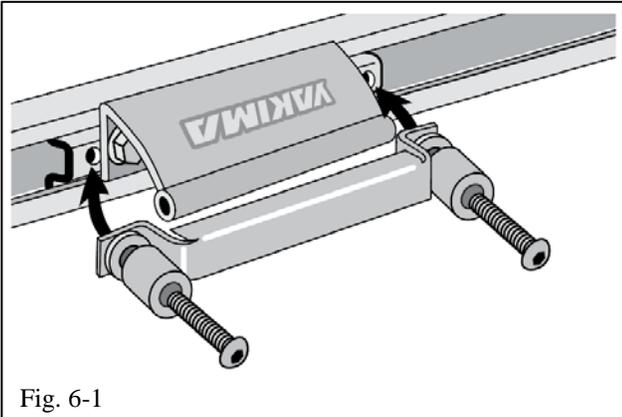


Fig. 6-1

6. Attach the Bolt cover

- (a) Insert the theft deterrent bolts, fiber washer and bushings (Fig. 6-1).
- (b) Make sure the bolts in both ends of the cover can turn freely to prevent damage to the threads. If the bolt does not turn freely, return to step 5 to confirm alignment.

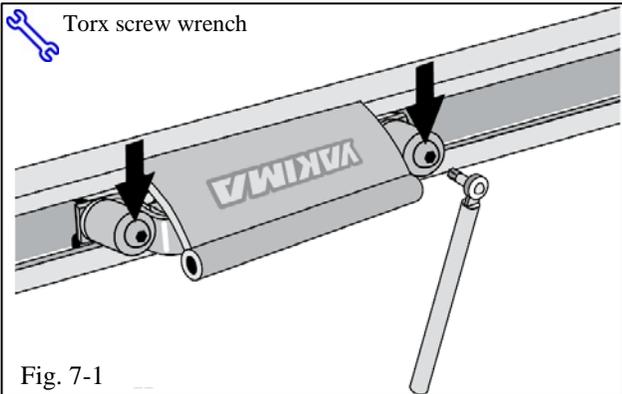


Fig. 7-1

7. Secure the Bolt cover

- (a) Tighten the theft-deterrent bolts with the Torx screw wrench supplied (Fig. 7-1).

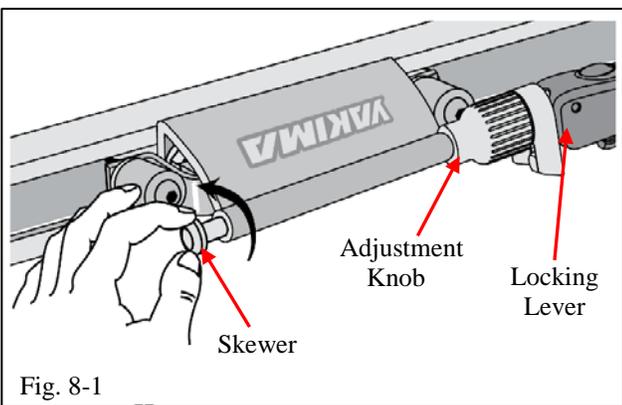


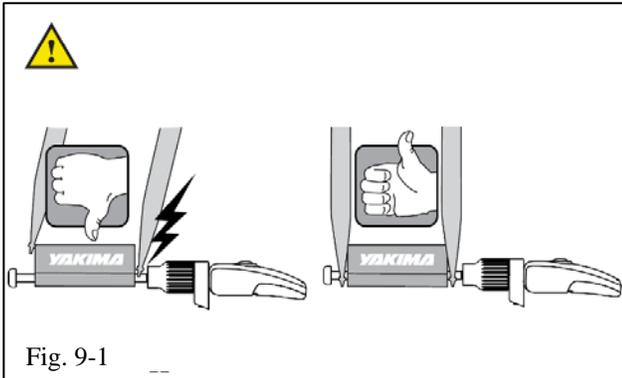
Fig. 8-1

8. Insert the Skewer and Attach Locking Lever

- (a) While holding the locking lever in the open position, turn the skewer counter clock wise (CCW), leaving the adjustment knob to rotate freely (Fig. 8-1).

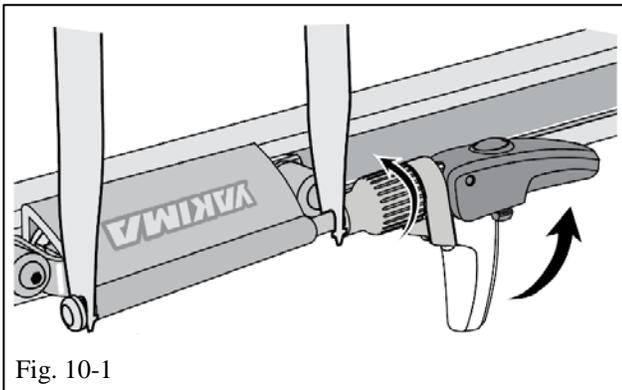
9. Mount the Bicycle

- (a) With the front wheel removed, set the bicycle front fork straight down onto the skewer (Fig. 9-1).



10. Adjust Lever and Adjustment Knob

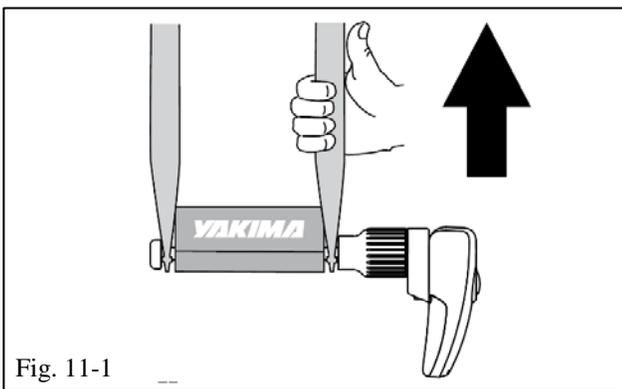
- (a) With the lever open, tighten the adjustment knob until the lever closes with firm resistance.
- (b) Loosen or tighten the nut as needed so that the lever closes completely (Fig. 10-1).



11. Test if Bicycle is Secure

- (a) Test the security of the bicycle by gripping the forks and lifting (Fig. 11-1).

 **NOTE:** If the forks can move out of the skewer, open the lever and tighten the nut slightly.



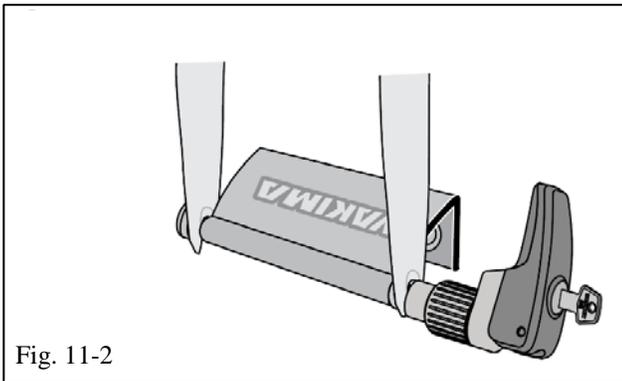


Fig. 11-2

- (b) Lock the Fork with the Supplied Key (Fig. 11-2).
- (c) Store keys, wrench, and installation instructions in the glove box.

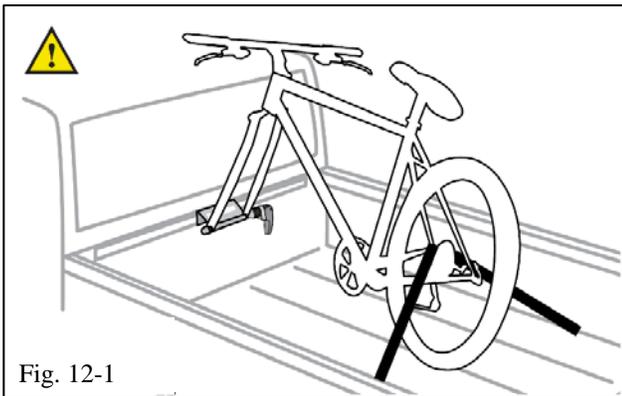


Fig. 12-1

12. Secure the Rear Wheel During Travel

- (a) Use a strap or line to secure the wheel to the truck bed (tie-down not included in kit) (Fig. 12-1).

⚠ WARNING: Periodically tighten all bolts after repeated use to ensure tightness of the locking bike fork mount to the vehicle rail.

⚠ NOTE: Lubricate the skewer occasionally.

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

<u>Check:</u>	<u>Look For:</u>
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Check locking blockhead is not loose on rail.</p> <p><input type="checkbox"/> Check bicycle is securely attached.</p> <p><input type="checkbox"/></p>	<p>Locking blockhead is secured firmly</p> <p>Bike forks do not come out of skewer.</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	
<p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p>	<p>Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p>