



THE LOFT

STORAGE AND EQUIPMENT COMPARTMENT

US PATENT No. 10,105,998

Installation Instructions

Chevy Tahoe

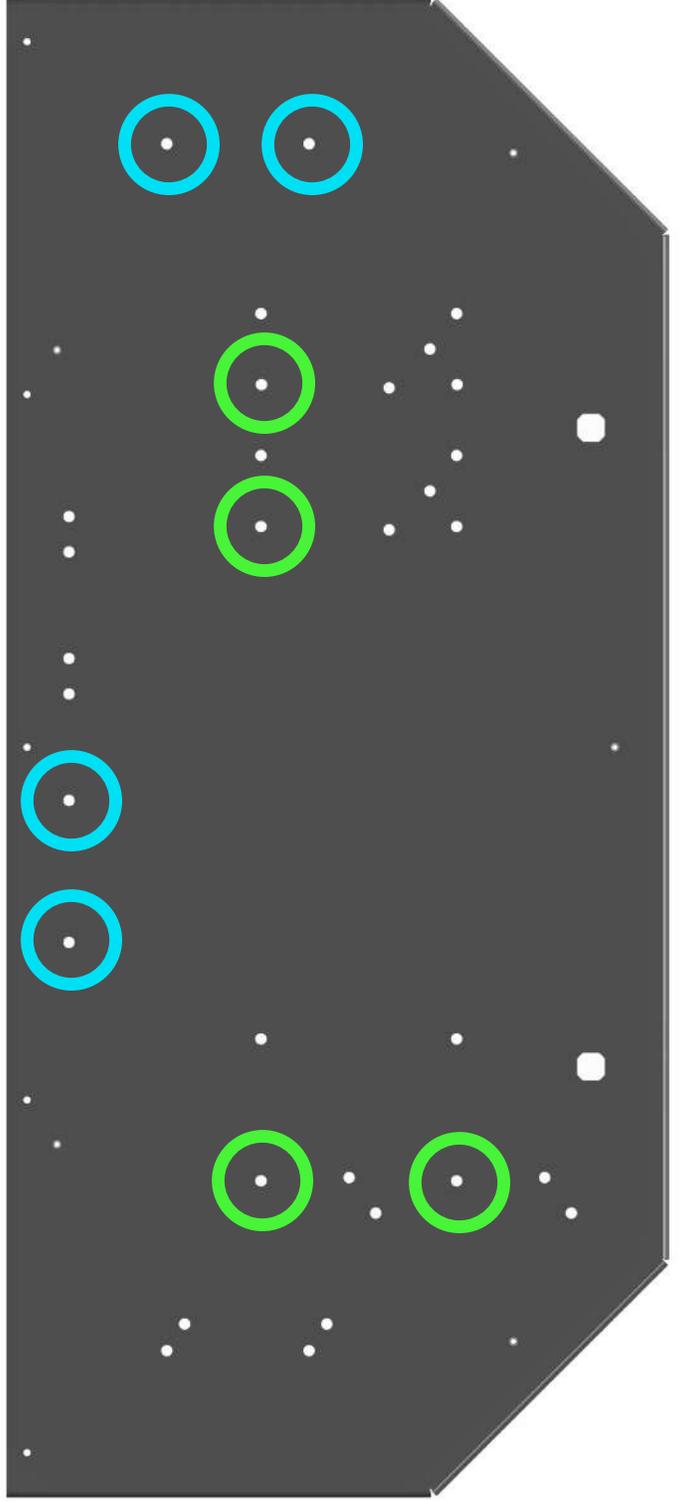
LOFT-21TAH-GV

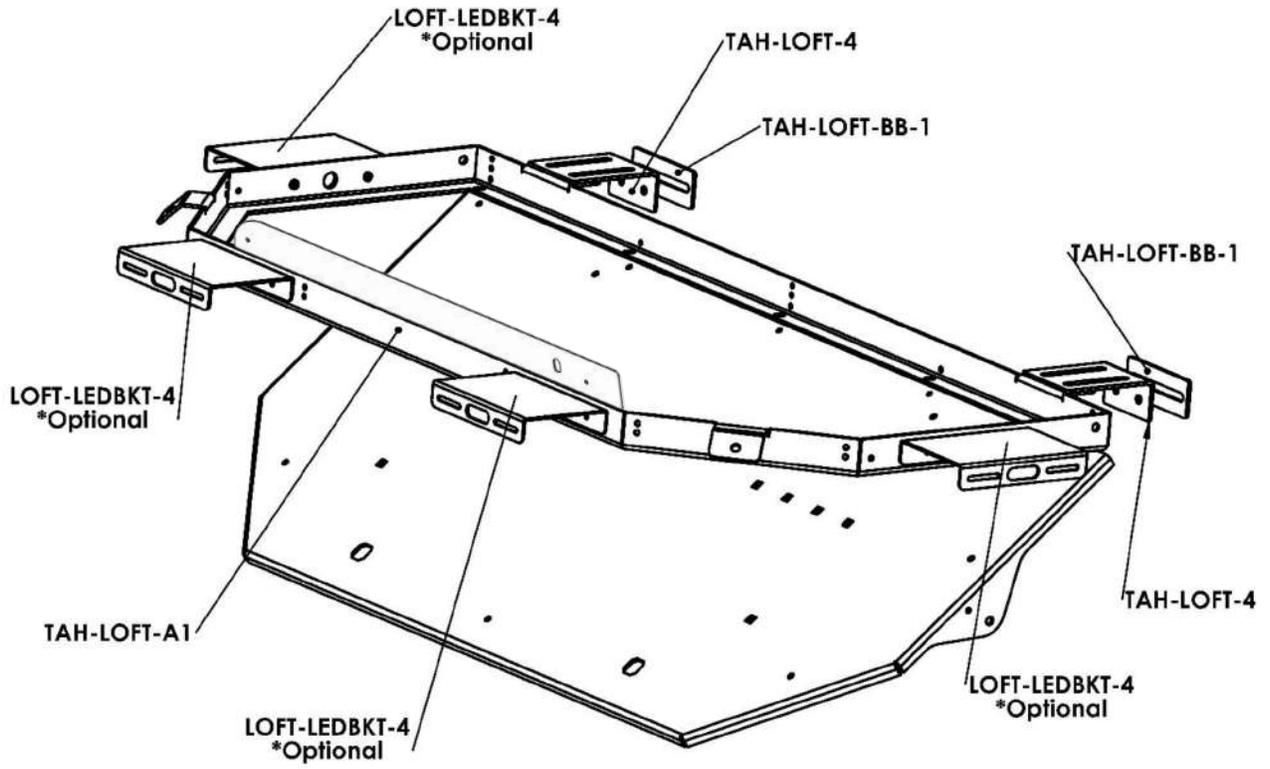
Parts and Mounting Hardware:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
1	Main Frame Assembly	TAH-LOFT-A1
1	Main Lid	TAH-LOFT-L1
1	DS Hatch Bracket	TAH-LOFT-1
1	PS Hatch Bracket	TAH-LOFT-2
2	Cage Extension Bracket	TAH-LOFT-3
2	Universal Partition Mount "L" Bracket	TAH-LOFT-4
2	"L" Bracket Extensions	
2	Wire Partition Back Plate	TAH-LOFT-BB-1
4	*Optional LED Light Mount Bracket	LOFT-LEDBKT-4



○ M4 RIFLE
○ SHOTGUN

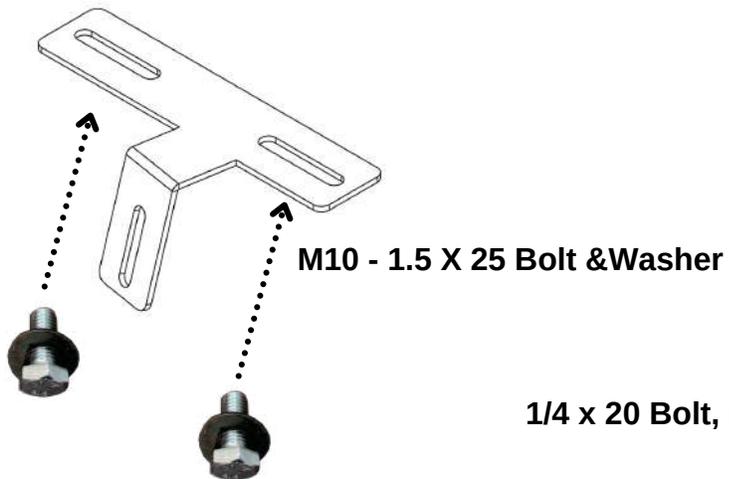




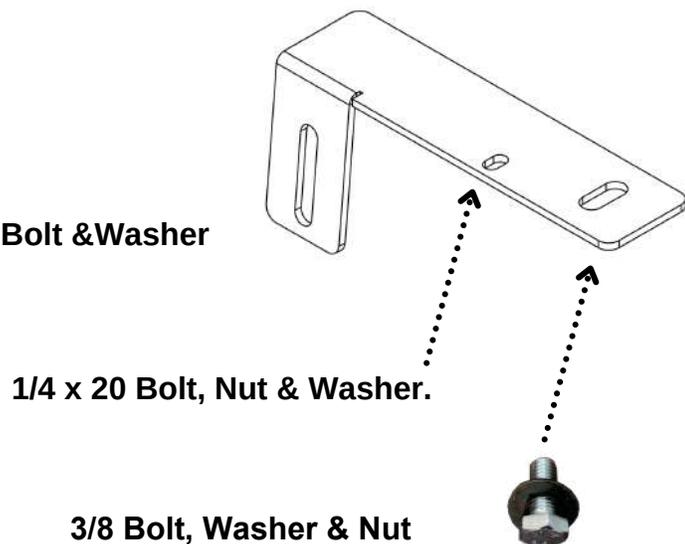
REAR BULKHEAD



DRIVERS SIDE



PASSENGER SIDE



CAUTION: FOR PASSENGER SAFETY, DO NOT USE 3RD ROW SEATING WITH THE LOFT INSTALLED.

Rear Cargo Partition Cage needs to be installed behind second row seat prior to installation of LOFT. For non-partition mount option see separate instructions. Optional mount kit must be purchased. Order p/n LOFT-21TAH-NPKIT

It is recommended to pre install gun lock bracket and muzzle containment bracket to LOFT Tray. Also, add gun lock pre wiring (timer / momentary switch). Timer, 12v power and momentary switch location are determined by end user.

If adding LED lights and brackets it is recommended to install and pre wire them before installing LOFT. The small holes on the frame are to install wire ties as need for wire management. Order p/n LOFT-LEDBKT-4

For passenger safety, do not use 3rd row seating with LOFT installed.

Installations Steps:

1.

Remove (2) "D" pillar trim panels on each side of the vehicle and seatbelt plastic trim by side windows.



2.

Release roof liner clips and (2) clips on dome light headliner to partially drop rear end of headliner.



3.

Attach drivers side bracket to factory pems using provided M10-1.5 x 25 bolts and washers located on each side of the trim piece. Leave bolts loose for adjustment.



4.

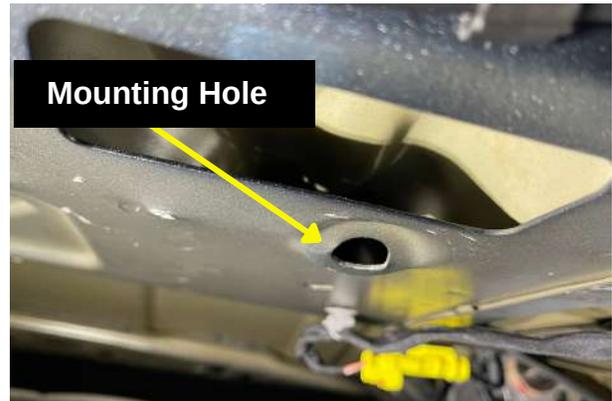
Remove plastic seat belt retractor trim piece in roof liner near hatch. Use a utility knife to enlarge opening for bracket.



Installations Steps:

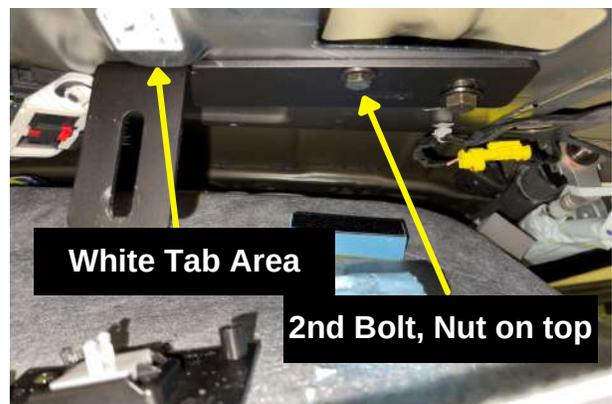
5.

Next install the passenger side bracket. Find the factory hole as shown and use 3/8" Bolts, nuts and washers.



6.

Position bracket against mount white mount tab. Drill 5/16" hole thru the frame of the car using the second mounting hole in bracket and attach second 1/4-20 bolt, nut and washer in passenger side bracket. Tighten bolts securely.



7.

Cut a slit in the roof liner so mounting tab sticks thru.



8.

Adjust the drivers side bracket so the slots in the brackets need to measure 20.75" apart. Tighten bolts securely.

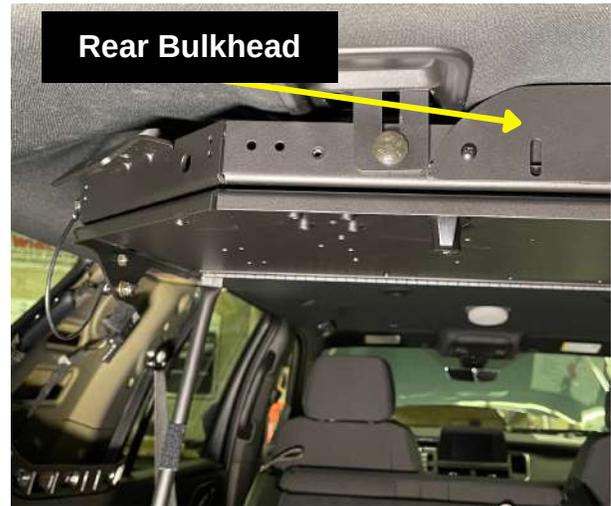


9.

Install rear bulkhead using supplied 10-32 screw on drivers side. Two people are recommended for this step. A temporary support can be used to help position the LOFT

Position LOFT Assembly in rear hatch area and attach the hatch brackets to the frame using the large holes as shown in picture.

Use supplied 3/8" Carriage Bolts, nuts and washers. Tighten hardware securely.



10

Level the LOFT left to right and front to back. Be sure it is close to the roof and still fits installed Gun and or equipment.

Install the Universal Partition Mount L Bracket (TAH-LOFT-BB) to the loft and the rear partition. An Extension bracket is included for longer reaches to cages if needed.

There are many different cage manufacturers and partition options.

Installer needs to determine the best position to attach LOFT brackets to rear partition.

Drilling the cage framework or attaching through a wire screen are recommended.

Picture shown as an example of mounting to a wire screen Using supplied backing plate.



11

After fully tightening all hardware on mounting brackets and LOFT frame.

Double check your level left to right and front to back. Adjust as necessary.

You can finalize any wiring.



Using the LOFT

- (2) wing latches are used to secure the LOFT tray in the closed position. They are key lockable for added security. Open tray by turning wing latches.
- Gun Locks are electronic with key override. Position gun into lock and muzzle bracket and close lock tightly. Check to ensure gun is secure. If gun lock sticks when trying to open, push on gun door to relieve pressure on the locking mechanism.

Caution: Be sure to comply with all gun safety rules when storing a firearm. Never store a firearm with a round in the chamber.

