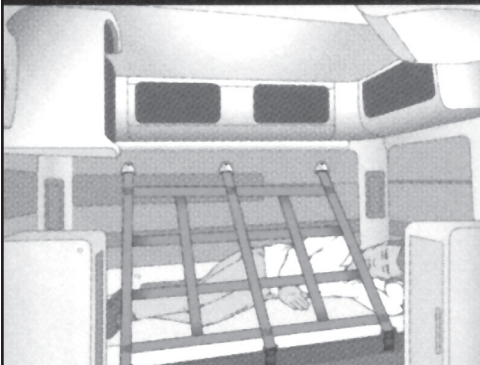
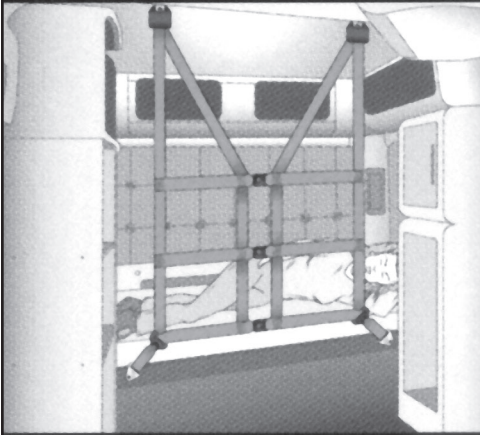
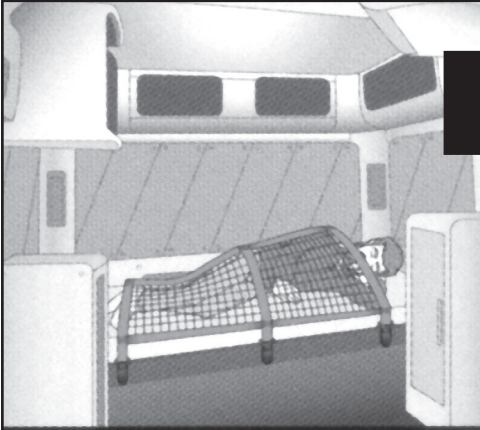


Bunk Restraint

Installation, Usage and Maintenance Guide



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The installation information provided is to be used as a general guideline only. See vehicle manufacturer for specific bunk restraint installation instructions. This guide should remain with the vehicle and be passed on to subsequent vehicle owners to be kept for future reference.

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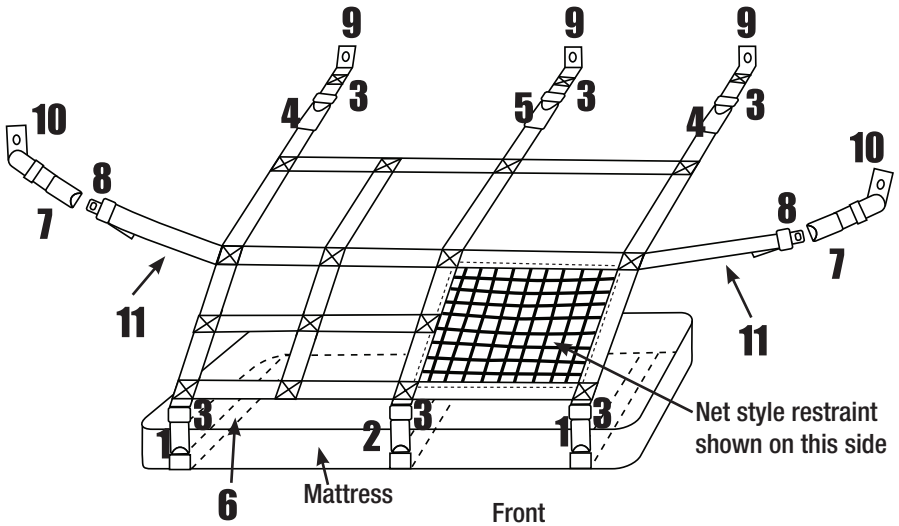
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IMPORTANT FACTS:

PLEASE READ THIS ENTIRE INSTALLATION GUIDE BEFORE INSTALLING BUNK RESTRAINT.

- Each bunk restraint is designed for a specific vehicle make, model and bunk style/ position. If the restraint is used as a replacement, the specific vehicle and restraint part number must be identified by the vehicle's manufacturer. Replace with only original OEM designed bunk restraint.
- Always use and follow the vehicle manufacturer's installation guide if available. Use this installation guide in addition to the vehicle manufacturer's guide.
- This bunk restraint must be installed only in vehicles which have anchorage points that meet FMCSR 393.76 requirements. Use only those points to mount the restraint.
- Use only SAE Grade 5 or better, 7/16-20 UNF-2A fasteners unless otherwise specified by the vehicle manufacturer. Use of self-locking nuts is recommended when bolts don't have thread lock patches. Installation torque: 35-50 ft-lb.
- Interior trim must not interfere with the installed bunk restraint. Sharp edges of vehicle or bunk structure, cabinetry, or trim must not contact the restraint. Excessive wear or significant loss of strength may result.
- Be sure the bunk restraint is not twisted during installation or use. Properly installed restraints will not have any twisted or tangled webbing. The webbing network or restraining net will present a flat or gently curved surface to restrain the occupant when properly installed and adjusted.
- Front buckles should be positioned in easy view and remain available for use to both the occupant of the sleeper berth and an emergency responder.
- Rear buckles, if provided, should be positioned for easy view and use by the sleeper berth occupant.
- This bunk restraint is designed for use by a single occupant only in the bunk.

Bunk Restraint Diagram



1. Front buckles-Outside corners (2)
2. Front buckle-Center (Optional)
3. Latch plate/Tongue (4-6)
4. Rear buckles-Outside corners (2) (Optional)
5. Rear buckle-Center (Optional)
6. Under-bunk webbing straps (Optional)
7. Tent strap buckle (2)
8. Tent strap tongue (2)
9. Anchor bracket-Rear (2 or 3)
10. Tent strap anchor bracket (2)
11. Tenting strap (2)

Bunk Restraint Usage Instructions

- The bunk restraint must be used anytime the bunk is occupied and the vehicle is in motion.
 - Bunk restraints are designed for use by a single occupant in a specific vehicle and bunk style/position. Your specific bunk restraint may differ somewhat from the bunk restraint diagram.
 - After entering the bunk berth, follow the usage instructions listed here.
1. **Rear wall attachment.** Insert the **#3** Latch plates that are attached to the rear wall into the mating buckles **#4** and **#5** that are sewn to the bunk restraint. You will hear a “click” which is a sign that the buckle has been latched correctly. (Some restraints do not provide attachment/detachment buckles at the rear wall. The restraint will always remain bolted to the rear wall.)
 2. **Front of bunk attachment.** Insert the **#3** Latch plates that are sewn to the front of the bunk restraint into the **#1** or **#2** mating buckles mounted at the front of the bunk berth. Listen for the “click” to insure that the buckles are latched correctly.
 3. **Tent strap attachment (optional.)** The bunk restraint is designed to be held up away from the reclining bunk occupant by “tenting” straps on each side of the restraint. Insert one of the **#8** Latch plates sewn to the restraint into the mating **#7** buckle located on the sleeper berth wall. Insert the other **#8** Latch plate into its mating **#7** buckle on the opposite wall of the berth. Listen for the “click” to insure the buckles are locked. Note: Some bunk restraint designs have **#7** buckles sewn to the restraint instead of **#8** latches. These buckles mate with the corresponding **#8** latches that are mounted to the wall of the berth.
 4. **Adjustment.** To tighten. Pull the loose short end of webbing through the adjuster on the tenting straps to tighten the bunk restraint and lift it away from the occupant. Adjust both tenting straps evenly for maximum lift. Adjust until the tenting straps and the webbing on the rest of the restraint is taught.
 5. **Adjustment.** To loosen. Tilt the adjuster on the tenting strap so that the longer web is at a 90 degree angle to the bottom of the adjuster. Pull web out to loosen.

6. **Other adjustments:** Your bunk restraint may provide adjusters other than those on tenting straps. If so, tighten and loosen these adjusters the same as in 4 and 5 above. (Note: Some restraints are not adjustable. Buckle latching only is required before use.)
7. **Inspection.** Check the bunk restraint to be sure that the restraint is not twisted or tangled. Check that all buckles are latched. Check the bunk restraint periodically for signs of wear.



WARNING

ALL BUCKLES MUST BE CORRECTLY AND COMPLETELY LATCHED.

FAILURE TO PROPERLY LATCH ALL BUCKLES MAY RESULT IN INJURY OR DEATH TO THE OCCUPANT.

8. **Removal.** Depress the button on the side of the tent strap buckle on each side of the restraint to release the tent straps. Depress the buttons on the ends of the front buckles to release the front buckles. You have the option to leave the rear buckles attached to the vehicle. You are free to exit the sleeper berth.
9. **Storage.** (For optional attaching/detaching rear buckles.) If you choose to remove the bunk restraint from the rear wall, store the restraint in a safe place, away from heat, dirt, solvents and sharp objects. Take special care to fold the restraint to avoid tangling and twisting, which may provide difficulty during re-installation.

Bunk Restraint Maintenance and Care

This bunk restraint must be inspected regularly. Inspect it at least every 20,000 miles or more often if exposed to severe environmental or use conditions. If you have any doubts about the condition or function of this bunk restraint, **REPLACE IT.**

Cleaning of bunk restraint webbing. Sponge the webbing clean with mild soap and water. **DO NOT** use bleach, dye or household detergents.

DO NOT use the bunk restraint to tie-down or restrain cargo. Contact with the bunk restraint by sharp or abrasive cargo may result in damage to the restraint.

If any component or part of the bunk restraint requires replacement, the entire bunk restraint must be replaced. Use only OEM (Original Equipment Manufacturer) approved restraint systems.

If the vehicle and the bunk restraint are involved in a significant accident, the bunk restraint must be replaced.

Periodic Bunk Restraint Inspection

1. Inspect the entire bunk restraint for cuts, fraying, extreme or unusual wear. Most common areas of web wear include the buckle/latch area, tent strap adjustment web, and wherever the restraint contacts the bunk.

Corrective action – Replace the bunk restraint.

2. Inspect buckles and latches for proper operation by inserting the latch plate and listening for an audible click. Verify that none of the buckles are damaged, cracked, or broken. Latches must not be worn, deformed, or corroded.

Corrective action – Replace the bunk restraint.

3. Inspect the buckle cable. (Optional mount for the front buckles) Black coating on buckle cable must not be damaged. Internal cable wires must not be exposed, frayed, or broken.

Corrective action – Replace the bunk restraint.

4. Inspect mounting hardware at every mounting location on the restraint. Hardware should be tight. Hardware must not be missing, rusted, corroded, or damaged.

Corrective action – Replace defective or missing hardware with authorized parts and/or tighten hardware.

WARNING

Failure to install and use in accordance with these instructions can result in injury or death to the user. Read Carefully.

For Additional Assistance



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