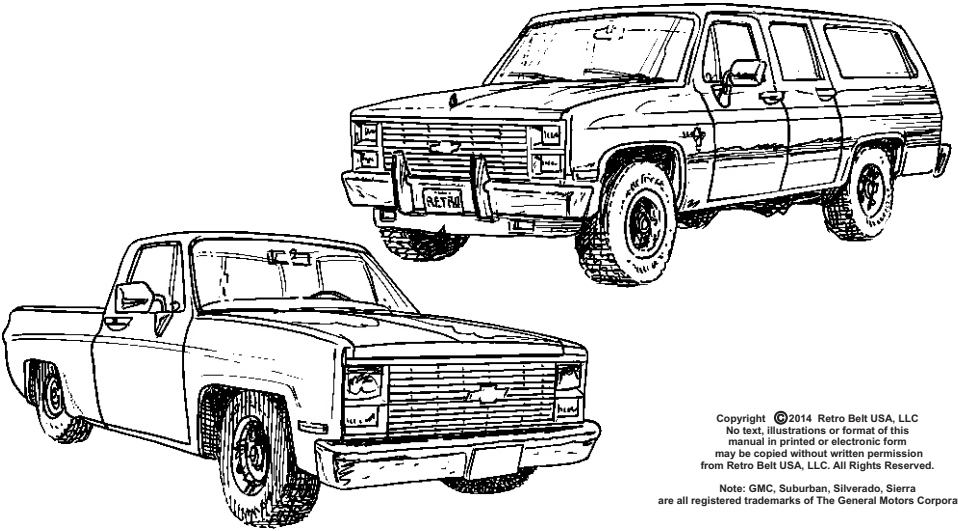


RetroBelt® USA

Custom 3-Point Seatbelt Installation Guide for: 1973 - 1991 GMC/Chevy Truck & Suburban

Covers most of the
following GMC & Chevy models:
C/K Series (Silverado/Sierra trim)
Chevy Suburban (C/K/R/V series)



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Note: GMC, Suburban, Silverado, Sierra
are all registered trademarks of The General Motors Corporation

Note: The information enclosed in this installation guide is to be used as merely an outline to assist you during the process of installation. This guide does not cover every installation possibility, vehicle, or every aspect of the installation process.

RetroBelt USA, Inc, or its subsidiaries, assume no responsibility for a proper or improper installation. Every attempt has been made to make this installation guide as informative as possible, and therefore may be updated from time to time. Please check our website for the latest update. (www.retrobeltusa.com).

Version 1.0
APRIL 2014



1973-91 GM/Chevrolet Seatbelt Hardware Install Kit (single passenger)



7/16" nut

Qty included: (3) Pcs

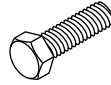
RETRO PART # RB-20010



.748" Diameter
Lock Washer

Qty included: (3) Pcs

RETRO PART # 716LCW

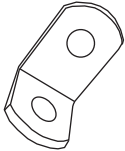


1.77" (7/16)

Grade 5 Hex Anchor Bolt

Qty included: (3) Pcs

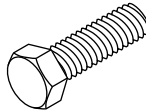
RETRO PART # RB-20022



Grade 5 "L" anchor adapter
with 2 anchor holes

Qty included: (1) Pcs

RETRO PART # RB-20305

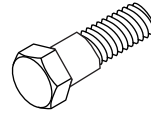


2.25" (1/2")

Grade 5 Hex Anchor Bolt

Qty included: (1) Pcs

RETRO PART # RB-20330



1.4" (1/2" W/ shoulder)

Grade 5 Hex Anchor Bolt

Qty included: (2) Pcs

RETRO PART # GMB-1

Note: The installation hardware included in your kit has been put together to cover as many variations of the 1973-91 Chevy/GM trucks as possible. In many instances your GM vehicle has factory-installed anchor points. You may not need all of the supplied hardware. Please search the installation guide for your type of vehicle and feel free to contact us regarding questions you may have.

Note: The information throughout this guide regarding retrofitting is to be used **ONLY** as a guideline for installing anchor points in vehicles that are not equipped with anchor points. The retrofitting steps in this manual should be performed by professional installers to ensure that the installation is as safe as possible.

retrobeltusa.com



Thank you for your purchase of this Retrobelt USA seatbelt product. Your Seatbelt product has been rigorously tested by an independent laboratory to meet or exceed Federal Motor Vehicle Safety Standards (FMVSS) #208, #209 & #302.

Please feel free to contact us via phone or email regarding any further technical questions or support.

LEGAL DISCLOSURE:

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GOVERNMENT REGULATION INFORMATION:

All US passenger cars, beginning with 1962 models, have seat belt anchorages for at least two lap belts in the front seat area. Since January 1, 1968, vehicle manufacturers have been required to install lap belt anchorages for each front and rear seating position and upper torso belt anchorages at each forward facing outboard seating position. On January 1, 1972, this same requirement became effective for trucks.

IMPORTANT!

Where the vehicle manufacturer has made special provisions to attach belts, be sure to use these fittings.

When you use the manufacturer's threaded floor fittings, it is important that all full threads be engaged to obtain the ultimate strength of the anchorage point.

NOTE:

Seatbelts should NOT be attached to the seat, unless the vehicle manufacturer indicates that the seats and seat mounting systems have been specifically designed to withstand seat belt assembly loads.

PREPARING FOR SEATBELT INSTALLATION:

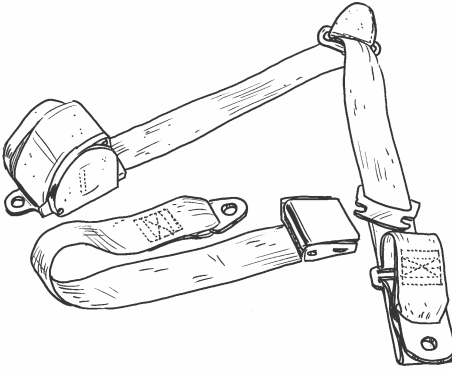
This custom installation kit will allow you to install most belts for the specified series of vehicle, however there may be some modifications that may need to be made to the vehicle's frame or interior to accommodate a safe anchor point for the belt system.

Determine if your installation is a retrofit (no original seatbelts installed) or if you will be replacing existing two-point belts and can use some of the existing anchor points. (Note: it is important that, wherever you can, use the factory anchor points, if it is determined that you must make your own anchor points, be sure to check behind and below where you will be drilling for adequate clearance for the bolt and reinforcement plate. Please note, that when drilling you don't accidentally drill into fuel lines, exhaust system, gas tank, brake lines, etc. If you have any question that the area you want to anchor to is weak, rusty, or otherwise not suitable, do not use it!

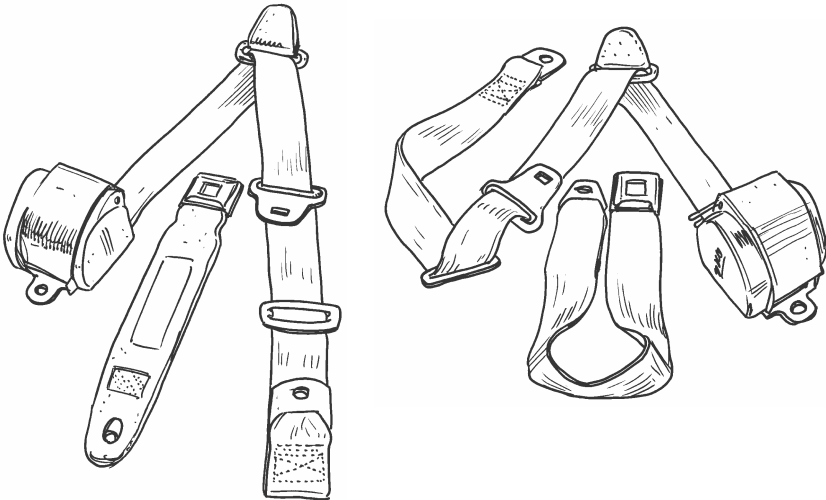
The included hardware kit includes SAE Grade 5 metal anchors and bolts for reinforcement purposes, it is always wise to reinforce an anchor point to ensure the safety of you and your passengers.

Belt types:

Before you start, it is helpful to know the types of three-point lap & shoulder belts offered by RetroBelt USA.

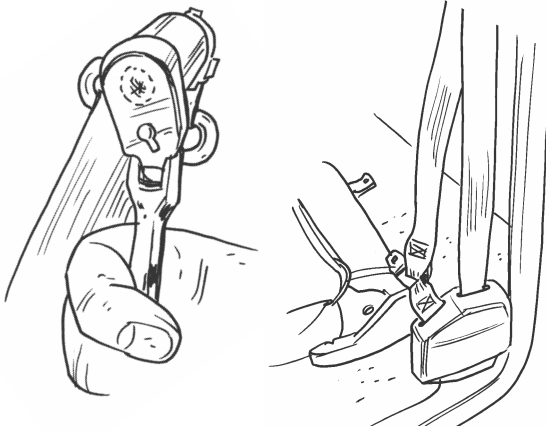


Three-point retractable lap & shoulder belt with chrome “aviation-style” lift buckle. The retractor holds 96” of webbing, with 39” of webbing outside for a total of over eleven feet of seat belt. The buckle side is 27” long and is fully adjustable for maximum installation flexibility. This system will work for both trucks and cars, bench or bucket seats.



Three-point retractable lap & shoulder belt with chrome push-button buckle and 12” buckle receiver with plastic sleeve or 20” chrome push-button buckle. These belt systems will work for cars or trucks. The 12” buckle receiver with plastic sleeve is compatible with vehicles that have low front bucket seats and the 20” version is designed for trucks or cars that have bench seats. If unsure which system is needed, measure from your floor’s anchor point through the seat to see which of these systems will work with your vehicle.

Step 1. Remove existing factory seatbelts

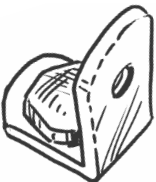


Remove your original belt system from the vehicle. Pay careful attention to the condition of the bolts and hardware you are removing. We recommend retaining and using the original hardware whenever possible.

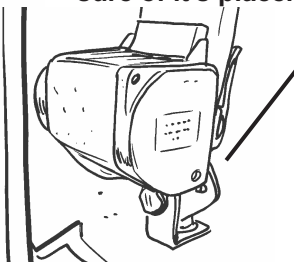
Step 2. Mock up belt system to confirm placement

Position the retractor in the desired location and locate the included 90 degree “L” bracket. Make sure your location has ample room to vertically mount the retractor and “L” bracket using the retractor’s original mounting hole. Check the location of the buckle receiver by reviewing the anchor mount on the floor. Make sure you have enough webbing length (especially if it’s a bench seat). This will be important if you chose the 12” or 20” push-button style receivers. The “aviation-style” version can work for most vehicles.

Step 3. Mounting the floor anchor and retractor



Once you’ve confirmed that the belt system will fit for your vehicle, proceed to mount the retractor on the floor of your vehicle. Using the included hardware or your original hardware, mount the included “L” bracket to the floor. Don’t tighten it down until you’re sure of it’s placement.

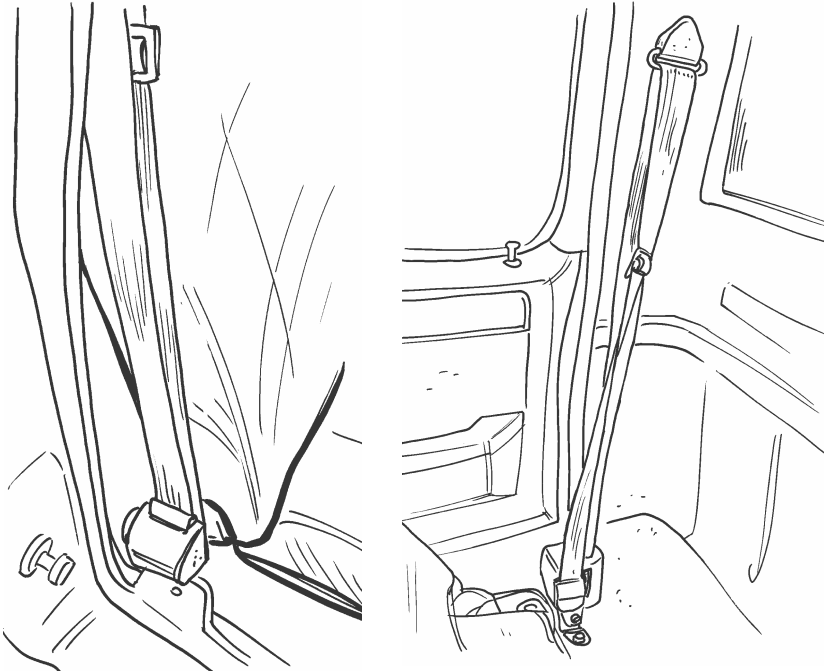


NOTE: You can mount the retractor end to the “L” bracket or mount it in another location (you would have to make another hole do this). Most opt to mount the retractor end to the “L” bracket.

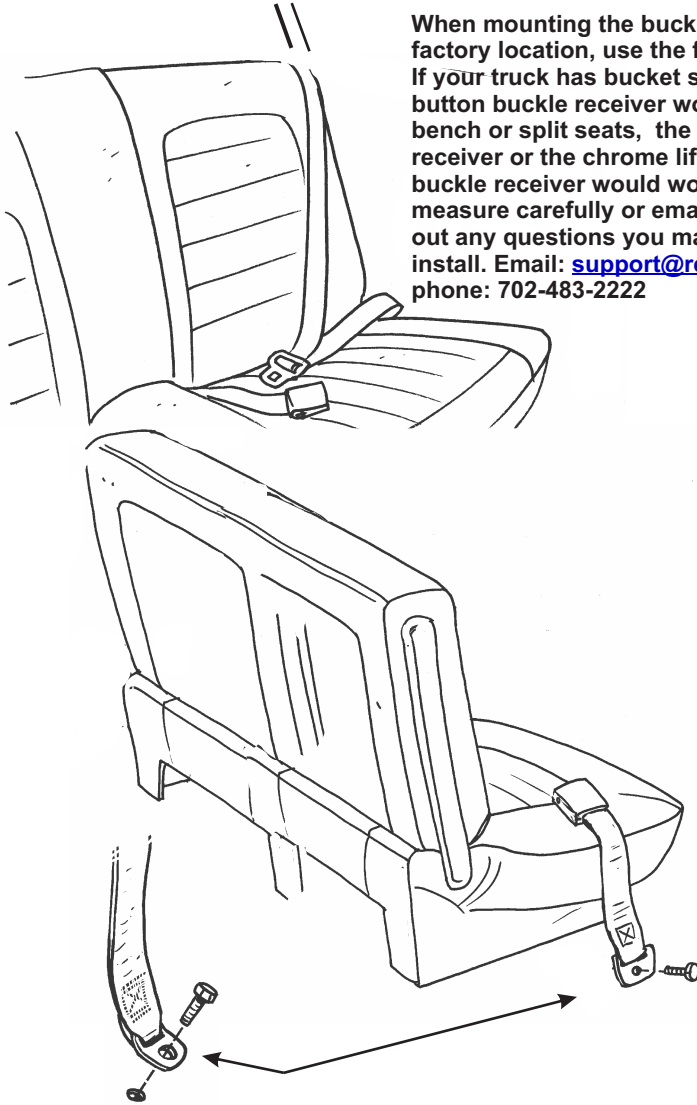
Step 4. Mounting the shoulder anchor D-Ring



Remove the plastic cover on the RetroBelt shoulder anchor “D-Ring” and mount it to your original retractor’s shoulder bolt hole using either the original bolt or the bolts included in the kit. When the install is complete, place the cover back on the shoulder anchor to give your install a finished appearance. Note: if your truck doesn’t have the original bolt, use the included GMB-1 shouldered bolt for the shoulder anchor.



Step 5. Mounting the buckle receiver



When mounting the buckle receiver to your factory location, use the factory bolts or the bolt. If your truck has bucket seats, the 12" push-button buckle receiver would work well. For bench or split seats, the 20" push-button buckle receiver or the chrome lift "aviation-style" buckle receiver would work well. Please measure carefully or email / call us to help sort out any questions you may have during your install. Email: support@retrobeltusa.com or phone: 702-483-2222

This is an example of mounting the buckle receiver. The mount for the buckle receiver will be placed in the factory locations on your truck's floor. Please note: it is important that you measure and check which buckle receiver length your truck requires (if you're using the push-button style and choosing 12" or 20" buckle receiver length or our chrome lift aviation-style buckle receiver). If your truck has bucket seats and is missing the original floor bolt for the buckle receiver, you can use the included GMB-1 collared bolt. When using this bolt with the buckle receiver, you will need to modify the belt end on the buckle receiver and open the hole up by no more than 1 mm. You can use the enclosed standard bolts if this is not an option for you.

Step 6. Center passenger belt

Most trucks were originally configured with seat belts from the factory for 2 passengers. It is a non-factory retrofit to add a third passenger, some fabrication on your part will be required to add a lap belt for the center passenger. RetroBelt USA does NOT recommend sharing the existing driver and passenger anchor points. RetroBelt recommends drilling dedicated anchor points and using our optionally available 8 piece hardware kit (Part # RBT-LAPKT). Below are some illustrations for how to use the optional hardware kit's washers. Regarding the placement of the holes in the floor, you'll need to mock them up and follow the same width pattern as the driver and passenger's anchor holes. Since you'll be doing this yourself, please be mindful of your vehicles fuel lines, brake lines, and other items underneath the truck you wouldn't want to accidentally drill into.

Optional lap belt hardware kit (Part # RBT-LAPKT)



2.48" Diameter
Oversized Fastener/anchor
Qty included: (2) Pcs
JCI PART# UT-20323
RETRO PART # RB-20323



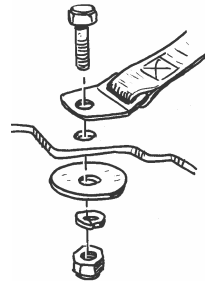
.748" Diameter
Lock Washer
Qty included: (2) Pcs
RETRO PART # RB-20014



7/16" nut
GRADE 5
Qty included: (2) Pcs
JCI PART# UT-20010
RETRO PART # RB-20010



1.77" (7/16)
Grade 5 Hex Anchor Bolt
Qty included: (2) Pcs
JCI PART# UT-20022
RETRO PART # RB-20022



Detail showing use of round anchor fastener for use behind fenders, floors, etc.



Use & Care of your new seat belt:

1. Always wear your seatbelt, visit <http://www.nhtsa.gov/> to learn more about seatbelt safety.
2. Adjust and wear the lap belt portion low and tight across your hips.
3. Each belt is intended to restrain only one person at a time.
4. Never attempt to restrain a child in your lap using the three-point retractable seat belt around both you and the child. The child could be severely injured or even killed in the event of a collision. Please check with your state for local laws regarding the use of safety belts and small children.
5. Do not mix or use this belt or parts of this safety system with other types of seat belts, doing so may result in the belt becoming non operational.

WARNING: FAILURE TO PROPERLY INSTALL, USE, PERIODICALLY INSPECT AND MAINTAIN THIS SEAT BELT COULD LEAD TO SERIOUS INJURY OR DEATH! PLEASE FOLLOW ALL OF THE IMPORTANT INFORMATION BELOW:

Maintenance:

1. Inspect belt and retractor assembly regularly. If the assembly does not work properly or you find cuts, frayed or worn webbing the belt must be replaced.
2. More frequent inspections may be necessary if the belt is subjected to harsh treatment or extreme conditions.
3. Whenever a vehicle is involved in a collision you must replace every part of the seat belt system; both sides of the belt including the mounting hardware!
4. Clean with mild soap and water. Do not bleach or re-dye as it will tend to severely weaken the webbing.
5. Please note that extensive exposure over the years can weaken the webbing on older seatbelts. This effect can reduce the webbing's effective safety feature by over 50%, so it is important to always check your seatbelts periodically for any wear & tear.

CAUTION: DEATH OR SERIOUS INJURY COULD RESULT FROM NOT PROPERLY THREADING THE WEBBING THROUGH THE ADJUSTABLE ENDS. MAINTAIN A MINIMUM OF ONE INCH WEBBING BEYOND THE ANCHOR.

CAUTION: IF THE FIXED END OF A SEATBELT IS TOO LONG TO ALLOW A SNUG FIT ON A SMALL OCCUPANT, DO NOT USE THE BELT! AS A GENERAL RULE, CHILDREN WEIGHING LESS THAN 80 LBS SHOULD BE SECURED IN AN APPROVED CHILD SAFETY/BOOSTER SEAT ACCORDING TO MANUFACTURER'S RECOMMENDATIONS!!!

Warranty:

Merchandise to be returned must be in new, unused condition. No credit will be given for any items which show evidence of:

- Having been installed or bolted in.
- Having been used, scuffed or scratched - not new as originally shipped.
- Having missing or removed parts, labels or instructions.
- Having been soiled or damaged.

Products can be returned or exchanged within 30 days (no returns or exchanges accepted after 30 days). A 15% re-stock fee will be applied. Shipping charges are not refundable.

How to Return an Item: To begin the return process, please contact RetroBelt USA via email: support@retrosoundusa.com or by phone: 702-483-2222. A written return authorization is required to return any item. Any items sent without a written return authorization will be refused.

RetroBelt

If the seatbelt has been involved in an accident, RetroBelt cannot be held liable and the seat belt system cannot be repaired, or returned.

RetroBelt, assumes no responsibility for a proper or improper Installation. Every attempt has been made to make our products meet or exceed FMVSS Federal requirements (#208,209,302)

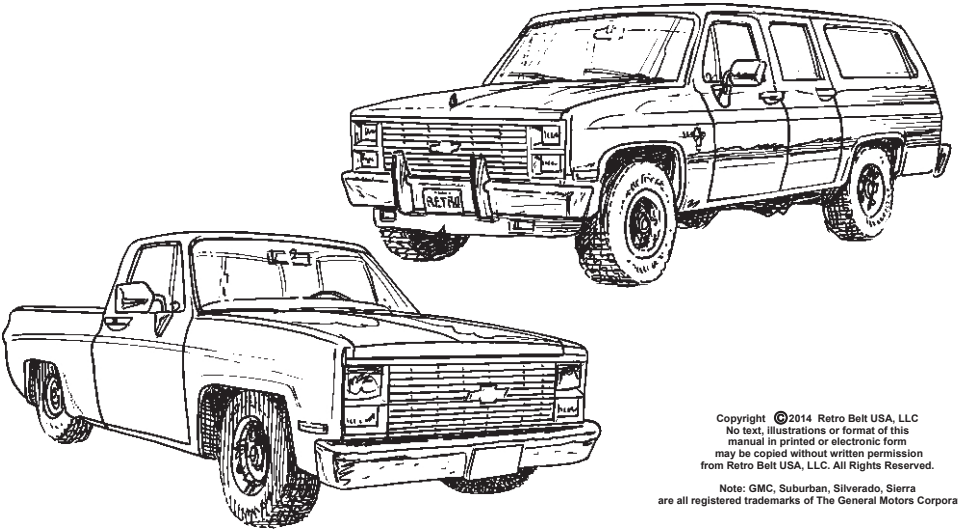
We are not liable for any direct or consequential loss or property damage arising from any use of this product. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Offer good in U.S.A. and Canada only.

RetroBelt[®]

USA

Custom 3-Point Seatbelt Installation Guide for: 1973 - 1991 GMC/Chevy Truck & Suburban

Covers most of the
following GMC & Chevy models:
C/K Series (Silverado/Sierra trim)
Chevy Suburban (C/K/R/V series)



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