

EURO

EUROPEAN AND JAPANESE
LAP AND SHOULDER SEATBELT KIT
INSTALLATION GUIDE



MODERN SAFETY FOR YOUR CLASSIC

www.retrobelt.com

TABLE OF CONTENTS

WELCOME..... 2

INSTALLATION HARDWARE..... 3

PRECAUTIONS..... 4

INSTALLATION GUIDELINES

 STANDARD INSTALLATION..... 5

 RETROFITTING INSTALLATION..... 7

 USE AND MAINTENANCE..... 10

LIMITED WARRANTY..... 11

INSTALLATION NOTES..... 12

Thank you for purchasing a RetroBelt® lap and shoulder seatbelt kit. This two passenger retractable lap and shoulder system is perfect for European vehicles. This system features a push-button buckle and all hardware needed for installation into your European car. The retractor is an inertia locking system that locks during a sudden stop or with any unintended motion. This installation requires advanced fabrication skills to install anchor points. By choosing to install a RetroBelt® lap and shoulder system, you've chosen to invest in the safety of yourself and your family.

General Features

- Push-button buckle receiver
- Meets or exceeds federal motor vehicle safety standards
- Mounting hardware with Grade 5 bolts included
- Color-matched retractors
- 1 year warranty

The information enclosed in this manual is to be used as a guide to assist you with installation and operation of your seatbelts. This guide does not cover every installation possibility, vehicle, or aspect of the installation process.

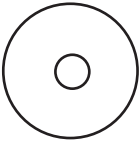
RetroBelt USA, LLC, or its subsidiaries, assume no responsibility for any installation. This manual may be updated from time to time.

Visit our website for the latest version: www.retrobelt.com.

INSTALLATION HARDWARE

The installation hardware below is designed to cover as many Japanese and European vehicles as possible. If your vehicle has existing anchor points installed, you may not need all of this hardware. Feel free to contact us if you have any questions.

The retrofitting instructions in this manual are only to be used as a guide for installing anchor points in vehicles that are not already equipped with them. The retrofitting steps in this manual should only be performed by a professional installer to ensure that the installation is as safe as possible.



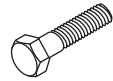
2.48" Oversized
Anchor Mount
QTY: 2



7/16" Nut
QTY: 2



7/16" Washer
QTY: 2



7/16" Grade 5 Hex
Anchor Bolt
QTY: 2

*Included hardware subject to change at anytime without notice

PRECAUTIONS

This seatbelt kit has been rigorously tested by an independent laboratory to meet or exceed Federal Motor Vehicle Safety Standards (FMVSS) #209, #302.

Legal Disclosure

RetroBelt USA, LLC, or its subsidiaries assume no responsibility for proper or improper installation. Every attempt has been made to make this user's manual as informative as possible. This manual may be updated from time to time. The retrofitting steps in this manual should only be performed by a professional installer to ensure that the installation is as safe as possible.

Warnings

Always use factory fittings added by the manufacturer whenever possible.

When using the vehicle manufacturer's threaded floor fittings, it is important that all full threads be engaged to obtain maximum strength of the anchor point.

Seatbelts should NEVER be attached to the seat unless the vehicle manufacturer specifically designed the seats and seat mounting systems to withstand seatbelt assembly loads.

When drilling, make sure you don't drill through the fuel lines, exhaust system, gas tank, brake lines, or electrical wiring.

Be certain that the area you plan to install your anchor mount to is strong enough before installing your anchor point.

Always reinforce the anchor points to ensure the safety of the driver and passengers.

Some installations may require modification to the chassis, frame, or interior to allow for safe installation of an anchor point. This should only be attempted by a professional installer.

If you are reusing existing anchor points, make sure you inspect them for cracks, rust, or other weaknesses. Do not reuse them if they are damaged in any way.

INSTALLATION GUIDELINES

Standard Installation Overview

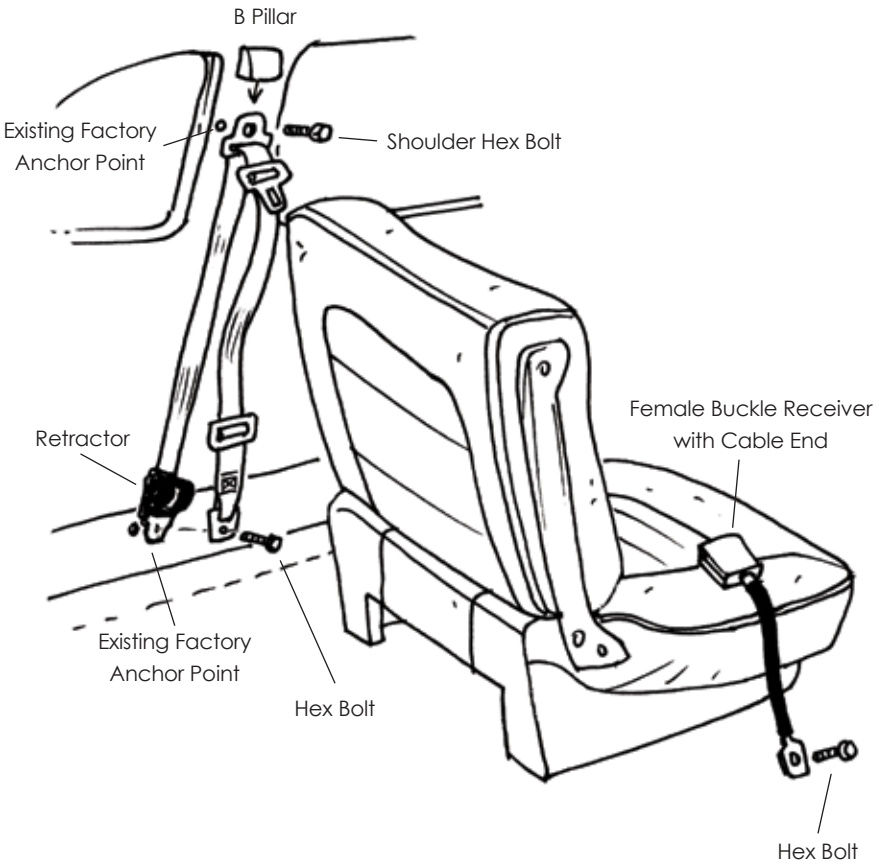
This type of installation is for replacing an existing seatbelt kit. If your vehicle is not equipped with a lap and shoulder system but already has a lap-belt system, you can use the existing lap-belt anchor points, but you will have to add the third anchor point. See the retrofit installation guidelines on page 7 for information on how to create the shoulder anchor point.

Standard Installation Guidelines

1. To get started, remove the existing seatbelts and all hardware.
2. Mount the retractor and end of the seatbelt to the existing anchor point on the outer side of the vehicle near the floor using a 7/16" hex bolt (must be SAE Grade 5 or better) from your kit.
3. Install the shoulder anchor point into the existing anchor mount using the bolt included, and tighten down.
4. Mount the female push-button receiver to the existing anchor points on the inner side of the vehicle near the floor.
5. Once the installation is complete, make sure the webbing and webbing guide from the retractor unit is unobstructed and free of tangles or kinks. Double-check all of the mounting points, and apply rust protection or undercoating to the mounting point bolts and metal hardware to ensure continued safety.

INSTALLATION GUIDELINES

Figure 1



INSTALLATION GUIDELINES

Retrofit Installation Overview

If your vehicle originally was not equipped with seatbelts or only came with lap belts, you will need to create anchor points. This information is only to be used as a guide, and retrofitting should only be performed by qualified professionals to ensure a safe installation.

First you'll need to determine if your installation is a complete retrofit (no original seatbelts installed) or if you will be replacing existing lap belts and reusing some of the existing anchor points. Always use existing anchor points wherever you can. If you need to create new anchor points, make sure you check behind the area you will be drilling for clearance for the bolt and anchor mount.

NOTE: When drilling, be careful not to accidentally drill into the fuel lines, exhaust system, gas tank, brake lines, etc.

Retrofit Installation Guidelines

1. Place the belts into position without installing any hardware to check for placement. See Figure 2 for recommended angles and placement.
2. Once you have chosen your anchor-point locations, double-check that they are solid and that you have access behind them. Then, line up the retractor and shoulder guides to the desired position for placement. Make sure that nothing interferes with the seatbelt webbing. The retractor must have unobstructed operation to ensure safety and proper function.
3. Make templates out of cardboard to help you line up the location for the retractor and shoulder guide anchor points. Weld the shoulder anchor mount in place directly to the frame or B pillar for proper fitment. Then drill your mounting hole. Use a center punch to start the hole, then progress to a small drill bit to begin drilling the hole. Then, use a larger bit to make a hold for the hex bolt to fit through. For the floor mounts, always use place the anchor mount beneath the floorpan.

INSTALLATION GUIDELINES

4. Mount the retractor and end of the seatbelt to the existing anchor point on the outer side of the vehicle near the floor using a 7/16" hex bolt (must be SAE Grade 5 or better) from your kit.
5. Install the shoulder anchor point to the existing anchor mount (or by installing a new anchor point using the same method as before), using the bolt included and tighten down.
6. Once the retractor and shoulder guides are in place, mount the female push-button receiver to the existing anchor points on the inner side of the vehicle near the floor.
7. Once the installation is complete, make sure the webbing and webbing guide from the retractor unit is unobstructed and free of tangles or kinks. Double-check all of the mounting points, and apply rust protection or undercoating to the mounting point bolts and metal hardware to ensure continued safety.

Figure 2

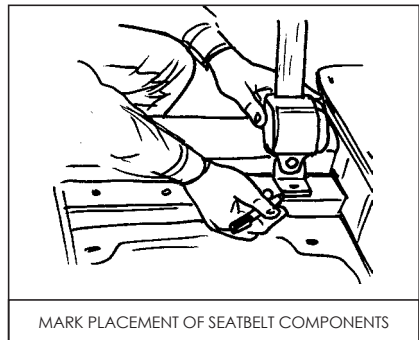
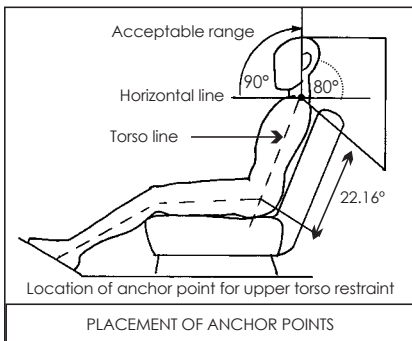
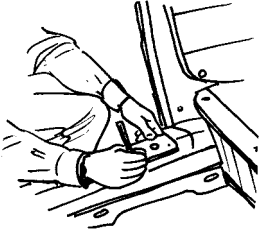
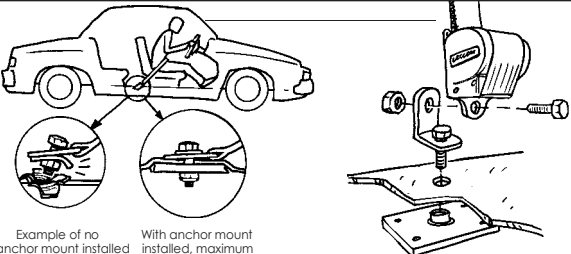
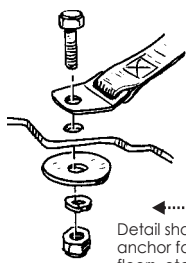
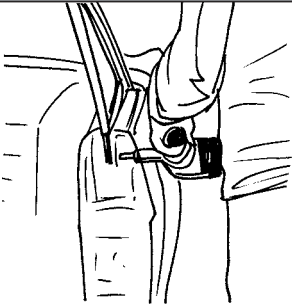


Figure 2 continued on next page

INSTALLATION GUIDELINES

Figure 2 (continued)

	 <p>Example of no anchor mount installed</p> <p>With anchor mount installed, maximum safety!</p> <p>Detail showing anchor plate installed underneath floor/post</p>  <p>Detail showing use of round anchor fastener for use behind fenders, floors, etc.</p>
	<p>Install the retractor, shoulder mount and buckle end to the anchor points.</p>
<p>Align and mark the placement of the anchor points, then drill and install the anchor mount</p>	

USE AND MAINTENANCE

Always wear your seatbelt. If you need information on how to use your seatbelt safely, visit www.nhtsa.gov.

Adjust and wear the lap belt portion low and tight across your hips.

Each seatbelt is intended to restrain only one person at a time.

Never attempt to restrain a child in your lap by using the lap and shoulder retractable seatbelt around both you and the child. The child could be severely injured or killed in the event of an accident. Check with your state for local laws regarding the use of seatbelts and small children.

Do not use this seatbelt or parts of this seatbelt kit with other types of seatbelts. Doing so may result in serious injury or death in the event of an accident.

WARNING: FAILURE TO PROPERLY INSTALL, USE, PERIODICALLY INSPECT AND MAINTAIN THIS SEATBELT COULD LEAD TO SERIOUS INJURY OR DEATH.

Maintenance

Inspect the seatbelt and retractor assembly regularly. If the assembly does not work properly or if the seatbelt has cuts, frayed or worn webbing, it must be replaced.

More frequent inspections may be necessary if the seatbelt is subjected to harsh treatment or extreme conditions.

Whenever a vehicle is involved in a collision you must replace every part of the seatbelt kit including the mounting hardware.

Clean seatbelts with mild soap and water. NEVER bleach or re-dye the seatbelts. Doing so will severely weaken the webbing.

Exposure to the elements will weaken the webbing on your seatbelts, reducing the effective safety feature by more than 50%. Inspect your seatbelts regularly.

Caution

Death or serious injury could result from not properly threading the webbing through the adjustable ends. Maintain a minimum of one inch of webbing beyond the anchor.

If the fixed end of a seatbelt is too long to allow a snug fit on a small occupant, do not use the belt. Children weighing less than 80 lbs should only be secured in an approved child safety or booster seat according to the manufacturer's recommendations.

LIMITED WARRANTY

Limited Warranty

If your unit does not work properly because of defects in materials and workmanship, RetroBelt USA, LLC (collectively referred to as "the warranter") will, for the length of the period indicated in the chart below, which starts with the date of original purchase ("warranty period"), replace it with a new unit.

CATEGORIES	WARRANTY
RetroBelt® Seatbelt Kit	One (1) Year

During the warranty period, there will be no charge for parts. You must mail in your unit prepaid during the warranty period. This warranty only applies to products purchased and serviced in the United States. This warranty is extended only to the original purchaser of a new product which was not sold "as is."

A purchase receipt or other proof of the original purchase date is required for warranty service.

To handle a warranty issue, contact us at tech@retrobel.com or 702.483.2222 for a Return Authorization (RA) number. All returns and warranty issues must be accompanied by a Return Authorization number. Any product received without a RA number will be refused.

LIMITED WARRANTY-LIMITS AND EXCLUSIONS

This warranty ONLY covers the buckle assembly and retractor. Seatbelt webbing and associated hardware ARE NOT COVERED under warranty. This warranty ONLY COVERS failures due to defects in materials and workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. If the seatbelt has been involved in an accident, RetroBelt USA, LLC, cannot be held liable, and the seatbelt kit cannot be warranted, repaired, or returned. This warranty ALSO DOES NOT COVER damages which occurred during shipment, failures which are caused by products not supplied by the warranter, failures which result from accident, misuse, abuse, neglect, pest infestation, mishandling, misapplication, alteration, faulty installation, set-up adjustment, maladjustment of consumer control, improper maintenance, modification, commercial use or rental use of the product, or service by anyone other than RetroBelt USA, LLC, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY". THE WARRANTER IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS SYSTEM, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed system if applicable, travel to and from the servicer, etc. The items listed are not exclusive, but are for illustration only.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. If a problem with this seatbelt kit develops during or after the warranty period, you may contact your dealer or RetroBelt USA, LLC. Subject to change without notice. Warranty valid in the United States only.



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