# 3-PC Tonneau Cover
## Without Bedliner
### Installation Instructions

**Toyota Hilux SR5 with Sports Bar**

### Care Instructions:
- Clean Tonneau Cover with a mild detergent and water solution.
- Do not use abrasive cleaners or solvents.

**Place these instructions in vehicle's glove box after installation is complete.**

## List of Parts

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WARNING!
When in the closed position, Tonneau Cover must be locked and tailgate must be closed! Failure to do so could result in unexpected opening of the Tonneau Cover from sudden wind gusts, which could cause damage to the vehicle and/or your Tonneau Cover.

Warranty Terms
EGR warrants that the ABS Tonneau Cover will be free from defects in material and workmanship for a period of three (3) years from the retail date of purchase. The gas struts are warranted for one (1) year from the retail date of purchase. This warranty only applies to the original purchaser and is nontransferable. Warranty must be claimed with original sales receipt for proof of purchase.

Exclusions
This warranty does not cover failure due to neglect, improper installation including any modifications to installation hardware, operating the vehicle with your EGR Tonneau Cover in the open position, alterations, addition of equipment, abuse, accident, corrosion, normal wear and tear, lack of maintenance, and exposure to chemicals that are not safe for plastics.

Incidental or consequential damage or loss of contents due to use, neglect, lack of maintenance, misuse of EGR Tonneau Cover is sole responsibility of the vehicle owner and operator. Paint wear to the vehicle bed can happen with any Tonneau Cover and is the sole responsibility of the vehicle owner. Paint damage to your vehicle is not covered under this warranty.

Disclaimer
In the event that your EGR Tonneau Cover is found to be defective under the terms of this warranty, it is at the discretion of EGR to repair or replace the defective part. Transportation costs and labour are not associated with this warranty claim.

Maintenance
Your EGR Tonneau Cover only requires periodic cleaning with mild car wash soap. Only use cleaners, waxes, or products that are labeled safe for use on plastics. Avoid the use of any chemicals to clean your EGR Tonneau Cover unless labeled safe for plastics. Avoid the use of abrasive type cleaners as they may dull the finish.
The gas struts are self lubricating and should only be cleaned occasionally with a damp cloth. Premature seal failure will result if solvents or lubricants are used to clean struts. Gas struts must be oriented in open Tonneau position with the shaft end attached to the tub.
The locking mechanisms & Latches only require occasional lubrication with Graphite Powder. DO NOT use any other lubricants or oils. Using alternative products will VOID Warranty.
All installation hardware and fasteners must be checked every so often for tightness.

IMPORTANT:
• Read instructions carefully before installation. It is strongly recommended that installation is conducted by an authorized dealer.
• This product must be installed exactly as specified in these instructions. Failure to do so may result in improper fit and/or retention.
• Recommend installation by 2 people.
• Do not stand/sit or rest heavy objects on Tonneau Cover.
• Humans or animals are not to be under the closed Tonneau Cover at any time.
• Securely lock Tonneau Cover before operating vehicle.
• Do not carry open volatile chemicals with Tonneau Cover installed.
• If contact with volatile chemicals occurs clean Tonneau Cover with mild detergent and water solution.

PAINTING INSTRUCTIONS (IF UNPAINTED)
• Sand Tonneau Cover prior to painting recommend 500 grit using an orbital type sander.
• Prior to painting, clean all surfaces to be painted using clean water and a mild detergent, do not use lacquer thinner or any solvent based products. Wipe completely dry.
• Best results will be achieved by wiping the areas to be painted with a tack rag just prior to painting.
• Select a top coat and clear paint that is suitable for ABS (Acrylonitrile-Butadiene-Styrene).
• Automotive paint systems, such as Acrylics or Two Packs, can be applied directly to the components. However, some paints may require a primer. If recommendations on paint specification are not followed, cracking of the part or degradation to the material may result. In all paint systems, aromatic hydrocarbons and alkalies are best avoided to reduce damage to the material properties.
• If using a paint system which requires baking, do not expose the product to temperatures above 70° C (158° F).
• Allow a minimum of 8 hours after baking before installation on the vehicle.

Tools Required:
• Marker
• Centre Punch
• Drill
• Ø5mm & Ø10mm Drill Bit
• Phillips Screwdriver Bit
• #3 Phillips Screwdriver
• 5mm Allen Key
• Torque Wrench
• Caulking Gun
• Silicon - Non Acetic
• 13mm Spanner
• Masking Tape
• Tape Measure
• 80 Grit Sandpaper
1. **NOTE:** Two people are required to complete installation. Remove the Sports Bar from the vehicle, by removing the 8 bolts and 8 washers from the underside lip of vehicle bed, using 5mm allen key, as shown. Retain the bolts and washers for re-installation. Thoroughly clean and dry the installations areas. Apply masking tape to inside surface of side rails as shown. **See Dia #1.**

2. Temporarily remove the front hook brackets and retain the screws and washers, as shown. **See Dia #2.**

3. Apply silicon to the back of the front bar, as shown. Fit the front bar to the front bed panel. Do this by securing the L brackets to the hook brackets, with existing screws and washers. Make sure you align the top surface of front bar with the top surface of the side rails so they are level. **See Dia #3.**

**NOTE:** Silicon is not provided in the kit. Use only "non-acetic silicon".
4. Place spring washers and flat washers onto 10 Gauge x 30mm self drilling screws provided. Drive screws halfway into the positions, then remove. Apply rust inhibitor to threads and underside of flat washer, re-insert into previously drilled holes. (5 places). Torque 5-7Nm. See Dia #4.

5. Apply silicon to both ends of the front bar to prevent water ingress as shown. Apply silicon to gaps between the D seal and the hinges, as shown. See Dia #5. NOTE: Silicon is not provided in the kit. Use only “non-acetic silicon”.

6. Position the template flush to the installed front bar as shown. Attach using masking tape. Measuring from the rear edge of the front bar, mark hole position 1 as shown. Centre punch all five (5) holes. Repeat process and reverse the template to use for the other side of the vehicle. See Dia #6.
Diagram #7

7. Drill Ø5mm holes for all five (5) hole positions through the vehicle’s side rail. Re-drill holes #1, #4 and #5 to Ø7mm as shown. Remove any metal shavings then apply the rust inhibitor provided around all the raw edges of the previously drilled holes. Repeat for the other side of the vehicle. See Dia #7. NOTE: Remove any metal shavings from the bed.

Diagram #8

8. Trial-fit Infill Panels onto tub. Note rearward position and place abrasive resistant tape strips onto the tub as shown. Remove Infill Panels. Apply abrasive resistant tape on top of the side rail, directly underneath the infill panel, as shown. See Dia #8.

Diagram #9

9. Attach the jacking brackets to hole position #1 (Ø7mm) using M6 screws with captive washers and M6 nut. Torque to 5-7Nm. Thread M8 nut onto M8 x 40mm screw. Thread 3 turns only onto tapped hole in jacking plate. See Dia #9.
10. Turn the Sports Bar upside down. Place Sports Bar on protective mat to avoid scratching.
Remove all the moulded feet cups from the Sports Bar. Loosen the bolts along one side of the channel. **See Dia #10.**

11. For the legs of the Sports Bar, loosen the outer screws and remove the four (4) inside screws and discard.
Cut the feet cups extension using a hacksaw then, with a 10mm drill bit drill two holes on the base of the feet cups 19mm away from the edge of the slot in the feet cups as shown. Smooth rough surface with a 80 grit sandpaper. **See Dia #11.**

12. Apply a bead of non-acetic silicon (not supplied) around the inside surface of the foot cup.
Remove tape liner from foam gasket and apply to base of foot cups, as shown.
Re-fit the moulded foot cups to the sports bar. **See Dia #12.**

**NOTE:** Silicon is not provided in the kit. Use only "non-acetic silicon".
13. IMPORTANT: Be careful not to scratch the painted infill panels when fitting them to the Sports Bar. Rotate the front foot bracket of the Sports Bar. Install the infill panel by placing it onto the front Sports Bar foot first. Realign the front foot bracket to position onto the rear foot. Loosely install the M8 x40mm screws. Do not tighten at this stage. See Dia #13.

14. IMPORTANT: Be careful not to scratch the painted infill panels when fitting them to the Sports Bar. Recheck the alignment and then tighten Sports Bar outside screw to Torque 18Nm. Inside screw to be left loose. Repeat the process on other side of Sports Bar. See Dia #14.

15. Two people are required to carry out the replacement of the Sports Bar. Position the Sports Bar and Infill Panels on vehicle. Re-attach legs of Sports Bar to the vehicle with previously removed hardware. Pull down on the Sports Bar to compress the foam seal on the foot cups, and tighten all Sports Bar bolts to torque setting 10Nm. Tighten Sports Bar to infill panel screw to Torque 5Nm. Repeat for the other side of the vehicle. Re-tighten the bolts along the sports bar channel to Torque 10Nm. See Dia #15.
16. At the front of the infill panels apply a bead of non-acetic silicon to prevent water ingress. See Dia #16.
NOTE: Silicon is not provided in the kit. Use only “non-acetic silicon”.

17. Position the Gas Strut Bracket to correspond with hole positions #2 & #3 (Ø5mm drilled holes).
Attach gas strut brackets with two (2) pop rivets. Repeat for the other side of the vehicle. See Dia #17.

18. Position the lock striker plate to correspond with hole positions #4 & #5 (Ø7mm drilled holes).
Align and loosely attach the lock striker plates using the M6 nuts and M6 screws. Repeat for the other side of the vehicle.
See Dia #18.
**IMPORTANT:** Ensure vehicle’s tailgate is opened before installing Tonneau Cover, as locking mechanism may not function until adjusted correctly.

Diagram #19

19. Open vehicle’s tailgate and keep it open until locking mechanism has been adjusted correctly. Two people are required to carry out the fitment of the Tonneau Cover. Fit Tonneau Cover and secure hinges with hinge pins as shown. See Dia #19. **IMPORTANT:** Ensure hinge pins snap into retaining clip mounted to the lower hinges.

Diagram #2

20. With tailgate open, close and check Tonneau Cover is central to vehicle and the sides of Tonneau Cover do not contact the vehicle bedrail. Adjust position if necessary by loosening the top hinge screws and re-positioning Tonneau Cover to fit centrally on vehicle. Re-tighten hinges to Torque 5Nm. See Dia #20.

Diagram #21

21. Attach gas struts by clipping into place as shown. Ensure the narrow end mounts to the vehicle. See Dia #21.
Diagram #:22

22. Adjust jacking screws until infill panels are level with the main surface of the Tonneau Cover. Once in the correct position, lock the M8 Nut into position against the bracket using a 13mm spanner. Repeat for other side of vehicle. See Dia #22.

Diagram #:23

23. Open Tonneau Cover and remove inspection cover by removing scrivets and rotating cover anti-clockwise. Release plastic retainer clips and unclip pullrods as shown. See Dia #23.

**IMPORTANT:** Ensure vehicle’s tailgate remains open whilst adjusting Tonneau Cover locking mechanism.

Diagram #:24

24. Close Tonneau Cover and inspect locking mechanism. Ensure the latch hits the striker bracket centrally. If it **DOES**, proceed to Diagram #25 below. If it **DOES NOT**, adjust the striker bracket accordingly by loosening the M6 screws and moving the bracket up or down as shown. You may also need to adjust the latch mechanism by loosening the screws and moving it left or right as shown. See Dia #24. Note: Tonneau Cover has 2 stage locks. Ensure Tonneau engages with second stage of the latch.
25. Open the Tonneau Cover and engage the lock by pressing upwards on the latch. Adjust pullrods so that they clip back into the retainer clips correctly. Do this by rotating them clockwise to shorten them or anti-clockwise to lengthen them. Clip pullrods and retainer clips back into position. Test lock by pressing the button on top of Tonneau Cover. If latch mechanism DOES NOT release, return to Step 3 and shorten the pullrods. If it DOES release, replace inspection cover. See Dia #25.

**IMPORTANT:** Ensure that the Tonneau Cover locking mechanism is functioning correctly before closing tailgate.
REMOVAL OF TONNEAU COVER

TWO PEOPLE ARE REQUIRED TO CARRY OUT THE REMOVAL OF THE TONNEAU COVER.

Diagram #:1

1. Detach gas struts by inserting a small screw driver and adjusting the spring clip on the strut. See Dia #1.
   NOTE: Do not remove the spring clip only a small amount of levering is required to detach.

Diagram #:30

30. Remove hinge pins and then remove the Tonneau Cover. See Dia #30.
RE-INSTALLATION OF TONNEAU COVER

TWO PEOPLE ARE REQUIRED TO CARRY OUT THE RE-INSTALLATION OF THE TONNEAU COVER.

Diagram #: 1

1. Fit Tonneau Cover and secure hinges with hinge pins as shown.
See Dia #1. IMPORTANT: Ensure hinge pins snap into retaining clip mounted to the lower hinges.

Diagram #: 30

30. Attach gas struts by clipping into place as shown. Ensure the narrow end mounts to the vehicle. See Dia #30.