3PIECE HARD TONNEAU COVER
INSTALLATION INSTRUCTIONS

Vehicle Description:
Mitsubishi MN Triton onwards

Please refer to page 13, of this instruction for a list of parts and quantities.

Warning!
When in the closed position, Tonneau Cover must be latched 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!

Maintenance:
• Only use cleaners, waxes, or products that are labeled safe for use on plastics. Avoid the use of any chemicals to clean your Tonneau Cover unless labelled safe for plastics. Avoid use of abrasive type cleansers 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.

• 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.

Tonneau Cover - Important:
• 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 latch 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.
• 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.
• Approximate fitting time is 1 ½ hours.

Painting Instructions: (If Unpainted)
• 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 paint 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 (155° F).
• Allow a minimum of 8 hours after baking before installation on the vehicle.
**FIG. 1** REMOVE SPORTS BAR AND RETAIN ALL HARDWARE. THOROUGHLY CLEAN AND DRY THE INSTALLATION AREA.

**FIG. 2** APPLY MASKING TAPE TO THE INNER BEDRAIL AS SHOWN.

**FIG. 3** MEASURE AND MARK A LINE ON THE SIDE RAIL 108MM FROM THE REAR OF THE SIDE RAIL AS SHOWN. POSITION “FACE B” OF LOCK STRIKER BRACKET TO SIDE OF SIDE RAIL 18MM DOWN FROM TOP OF SIDE RAIL. ALIGN NOTCH TO PREVIOUSLY MARKED CENTRELINE. MARK THE POSITION OF THE TWO (2) LARGER HOLES AS SHOWN. REPEAT FOR THE OTHER SIDE.

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**RECOMMENDED TOOLS LIST**

<table>
<thead>
<tr>
<th>NO.</th>
<th>TOOL NAME</th>
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<th>TOOL NAME</th>
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<th>TOOL NAME</th>
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<tr>
<td>1</td>
<td>Phillips Head Screwdriver</td>
<td>5</td>
<td>Ø5mm &amp; Ø6mm Drill Bit</td>
<td>9</td>
<td>Caulking Gun &amp; Silicon</td>
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<td>2</td>
<td>Rivet Gun</td>
<td>6</td>
<td>Spanners &amp; Sockets</td>
<td>10</td>
<td>Tape Measure</td>
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<td>Masking Tape</td>
<td>7</td>
<td>Hammer &amp; Centre Punch</td>
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<td>Knife</td>
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<td>4</td>
<td>Drill</td>
<td>8</td>
<td>Pencil</td>
<td>12</td>
<td>Allen Key</td>
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3. Masking Tape
4. Drill
5. Ø5mm & Ø6mm Drill Bit
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7. Hammer & Centre Punch
8. Pencil
9. Caulking Gun & Silicon
10. Tape Measure
11. Knife
12. Allen Key

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- **Caulking Gun & Silicon**
- **Tape Measure**
- **Knife**
- **Allen Key**

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**MEASUREMENTS**

- **108mm**
- **18mm**
Remove masking tape from the inside of the side rails only. Apply rust inhibitor to all the drilled holes.

Centre punch the two (2) front hole positions and drill Ø5mm holes. Centre punch the two (2) rear hole positions and drill Ø6mm holes. Repeat for the other side of the vehicle.

Align lock striker brackets with previously drilled holes, ensuring brackets are parallel with top of side rail and secure with M6 bolts, M6 flat washers, M6 spring washers and M6 nuts as shown. Tighten to torque 12Nm.
ATTACH THE GAS STRUT BRACKETS (BOTH SIDES) TO THE SIDE RAILS USING POP RIVETS AS SHOWN.

MEASURE FROM TOP OF SIDE RAIL 13mm 13mm

MEASURE THE LENGTH OF EXPOSED THREAD (X MM) FROM THE BOTTOM OF THE NUT TO THE END OF THE THREAD. MEASURE LENGTH (X MM) ON THE RUBBER THREAD CAP AND CUT TO LENGTH AS SHOWN. REPEAT FOR FOUR (4) RUBBER THREAD CAPS AND FIT TO THREADS.

POSITION LOCK STRIKER SUPPORT BRACKET UNDER THE LOCK STRIKER BRACKET AND ALIGN THE HOLES CLOSEST TO THE FRONT OF THE VEHICLE AS SHOWN. MARK AND CENTRE PUNCH HOLE POSITION IN THE SIDE OF THE TUB. DRILL Ø5mm HOLE AND APPLY RUST INHIBITOR. REPOSITION LOCK STRIKER SUPPORT BRACKET AND SECURE TO THE TUB WITH A RIVET.

Attach the gas strut brackets (both sides) to the side rails using pop rivets as shown.

Measure the length of exposed thread (X mm) from the bottom of the nut to the end of the thread. Measure length (X mm) on the rubber thread cap and cut to length as shown. Repeat for four (4) rubber thread caps and fit to threads.

Position lock striker support bracket under the lock striker bracket and align the holes closest to the front of the vehicle as shown. Mark and centre punch hole position in the side of the tub. Drill Ø5mm hole and apply rust inhibitor. Reposition lock striker support bracket and secure to the tub with a rivet.
CENTRE PUNCH AND DRILL Ø5MM HOLES AT THE PREVIOUSLY MARKED POSITIONS.

FIG. 12
FIND THE CENTRE OF THE BED AND MARK THE POSITION.

FIG. 13
MEASURE AND MARK THE POSITIONS AS INDICATED ABOVE FROM THE CENTRE OF THE BED FOR THE PLACEMENT OF THE BOTTOM HINGES. WARNING:- RECHECK DIMENSIONS TO ENSURE CORRECT MEASUREMENT.

FIG. 14
POSITION THE BOTTOM HINGES ON THE HEADER RAIL, ALIGNING THEM WITH THE PREVIOUSLY MARKED POSITIONS AS SHOWN. MARK THE THREE (3) HOLE POSITIONS OF EACH HINGE AND REMOVE THEM FROM THE VEHICLE.

FIG. 15
CENTRE PUNCH, THEN DRILL Ø5MM HOLES (x6)
**FIG. 16**
Remove the masking tape from the header rail and apply rust inhibitor to drilled holes.

**FIG. 17**
Apply silicon to the underside of the bottom hinges as shown and position them on the header rail.

**FIG. 18**
Place retainer clips (with tag facing left) over front of bottom hinges. Secure the bottom hinges and the retainer clips to the header rail using pop rivets as shown.

**FIG. 19**
Clean header rail and hinges (where extrusion will sit) with alcohol wipes provided and wipe away residue with a dry clean cloth. Place the extrusion tape seal along the top of the header rail with the sealing lip facing towards the tailgate. Start the extrusion at the edge of the side rail. Important: Position extrusion as close to the header rail rear radius. Rub down firmly to ensure maximum adhesion.
PLACE THE CORNER PIECES OVER THE ENDS OF THE SPORTS BAR LEGS. LOOSELY ATTACH THEM TO THE SPORTS BAR USING THE M6x40mm BOLTS, SPACERS AND LARGE M6 FLAT WASHERS AS SHOWN. DO NOT TIGHTEN FULLY AT THIS STAGE.

ALIGN EDGE OF JACKING BRACKET TO EDGE OF GAS STRUT BRACKET ON SIDE RAIL AS SHOWN, 20MM DOWN FROM TOP OF SIDE RAIL. MARK THE POSITION OF THE TWO (2) HOLES AS SHOWN. REPEAT FOR THE OTHER SIDE.

CENTRE PUNCH THE TWO (2) HOLE POSITIONS AND DRILL Ø6MM HOLES. REPEAT FOR THE OTHER SIDE OF THE VEHICLE. APPLY RUST INHIBITOR TO ALL THE DRILLED HOLES.

LOOSELY PRE-ASSEMBLE ONE (1) M8x50MM BOLT AND TWO (2) M8 HEX NUTS TO THE JACKING BRACKET AS SHOWN. ALIGN JACKING BRACKET WITH PREVIOUSLY DRILLED HOLES, ENSURING BRACKET IS PARALLEL WITH TOP OF SIDE RAIL AND SECURE WITH M6 BOLTS, M6 FLAT WASHERS, M6 SPRING WASHERS AND M6 NUTS AS SHOWN. TIGHTEN TO TORQUE 12Nm. REPEAT FOR THE OTHER SIDE OF THE VEHICLE.

FIG. 24

NOTE THE AREA WHERE CORNER PIECE CONTACTS THE VEHICLE TUB AS SHOWN. MARK THE EDGES AS SHOWN WITH A PENCIL OR NON-PERMANENT MARKER. REPEAT PROCESS FOR THE OTHER SIDE. REMOVE SPORTS BAR AND CORNER PIECES FROM TUB.

FIG. 25

CLEAN THE PREVIOUSLY NOTED AREAS ON TUB WITH ALCOHOL WIPE PROVIDED AND WIPE AWAY RESIDUE WITH A DRY CLEAN CLOTH. POSITION CLEAR ANTI-RUB PADS AT THESE AREAS ON THE TUB.

FIG. 26

RE-POSITION THE SPORTS BAR AND CORNER PIECES ON THE VEHICLE. ATTACH THE LEGS OF THE SPORTS BAR USING THE RETAINED HARDWARE. NOTE: PUSH DOWN ON THE SPORTS BAR BEFORE TIGHTENING HARDWARE.

FIG. 27
OPEN TAILGATE. FIT THE TONNEAU COVER TO THE VEHICLE. SECURE THE HINGES USING THE HINGE PINS AS SHOWN.

IMPORTANT: ENSURE TAILGATE REMAINS OPEN. DO NOT REMOVE THE TWO (2) RUBBER SPACERS FROM THE TONNEAU SIDES (AT THE REAR), THESE WILL BE REQUIRED FOR ALIGNMENT LATER ON.

REMOVAL OF INSPECTION COVER: REMOVE SCREWS AND ROTATE COVER ANTI-CLOCKWISE. RELEASE PLASTIC RETAINER CLIPS AND UNCLIP RODS AS SHOWN. LOOSEN THE FOUR (4) LATCH MECHANISM SCREWS, SO THE LATCH CAN MOVE FREELY FOR TONNEAU ADJUSTMENT IN THE NEXT STEP.

IMPORTANT: THE TONNEAU COMES FITTED WITH TWO (2) RUBBER SPACERS TO ASSIST IN ALIGNMENT TO THE TUB. CLOSE TONNEAU COVER AND CHECK THAT IT IS CENTRAL ON BED. LOOSEN HINGE SCREWS - DO NOT ADJUST HINGES WHILE GAS STRUTS ARE CONNECTED. MOVE TONNEAU TO ENSURE EVEN CLEARANCE LHS TO RHS BETWEEN TUB AND SPACERS. MOVE TONNEAU TO ENSURE FORE & AFT POSITION IS CORRECT BY ENSURING CLEARANCE AT REAR OF TUB SIDE. RE-TIGHTEN (12) HINGE SCREWS WHILE TONNEAU IS IN CORRECT POSITION TO TORQUE 5Nm. RE-TIGHTEN LATCHES WHILE TONNEAU IS IN CORRECT POSITION TO TORQUE 4Nm. IMPORTANT: ENSURE TAILGATE REMAINS OPEN AND SPACERS ARE REMOVED AFTER ALIGNMENT IS COMPLETE.

CHECK THAT THE SURFACES OF THE TONNEAU COVER AND CORNER PIECES ARE EVEN. ADJUST THE JACKING BOLTS UNDERNEATH THE CORNER PIECES IF NECESSARY. ENSURE CLEARANCE BETWEEN CORNER PIECE AND TUB, ESPECIALLY FRONT AND REAR, TO AVOID PAINT DAMAGE TO TUB. ONCE IN THE CORRECT POSITION, LOCK THE M8 NUTS INTO POSITION AGAINST THE BRACKET USING A SPANNER. REPEAT FOR THE OTHER SIDE OF THE VEHICLE.

IMPORTANT: TIGHTEN ALL CORNER PIECE M6 BOLTS TO 4Nm.
CLOSE TONNEAU AND INSPECT LOCKING MECHANISM. ENSURE LATCH HITS THE U BOLT CENTRALLY. IF IT DOES NOT, ADJUST THE U BOLT ACCORDINGLY BY LOOSENING THE M6 NUTS AND MOVING THE U BOLT UP OR DOWN AS SHOWN. ONCE ADJUSTMENT IS COMPLETE, TIGHTEN THE M6 NUTS. IMPORTANT: TONNEAU HAS 2 STAGE LOCKS. ENSURE TONNEAU ENGAGES WITH SECOND STAGE OF THE LATCH.

ATTACH GAS STRUTS. ENSURE THE NARROW END MOUNTS TO THE VEHICLE.

INSPECT LATCH ENGAGEMENT
- INCORRECT
- CORRECT

ADJUST U-BOLT
- USE A RULER TO ENSURE U-BOLT REMAINS PARALLEL TO LOCK STRIKER
- TORQUE 10Nm

Engage lock.
- LATCH MECHANISM
- “CLICK”
- PRESS LATCH UPWARDS

Adjust length of pullrods by rotation.
- ROTATE PULLRODS
- CLOCKWISE = SHORTEN
- ANTI-CLOCKWISE = LENGTHEN

Lock plastic retainer clips back in position.
- RETAINER CLIPS
- TEST LOCKING MECHANISM

Replace inspection cover.
- INSPECTION COVER

Open tonneau and engage lock by pressing upwards on latch. Adjust pullrods to fit into retainer clips by rotating them clockwise to shorten or anti-clockwise to lengthen. 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. Finally, re-confirm the open-close-open operation of tonneau with the tailgate closed. Make further adjustments if necessary by returning to figure 29, 33 and 34. Finally replace inspection cover.

Close tailgate and tonneau cover and re-check clearances. Loosen hinge screws and adjust tonneau fore & aft if required. Do not adjust hinges while gas struts are connected. Re-tighten hinge screws to torque 5Nm.
IMPORTANT:
HTC LATCH & STRIKER U-BOLT FREEPLAY, SHOULD BE CHECKED AND ADJUSTED (AS PER STEPS 29, 33 & 34) AFTER 1500 Km’s (TO ACCOUNT FOR SEAL SETTLING).

CLOSE TONNEAU AND CHECK CLOSING EFFORT WITH TAILGATE CLOSED. IF REQUIRED, ADJUST THE U BOLT ACCORDINGLY BY LOOSENING THE M6 NUTS AND MOVING THE U BOLT UP OR DOWN. ONCE ADJUSTMENT IS COMPLETE, TIGHTEN THE M6 NUTS.

FIG. 36

MITSUBISHI MN TRITON ONWARDS 3 PIECE HARD TONNEAU COVER

KEY IDENTIFICATION CODE

Please write your key identification code in the boxes above and retain. Replacement keys can be purchased from your local Mitsubishi dealer.
REMOVAL OF TONNEAU COVER

OPEN TONNEAU COVER AND DETACH GAS STRUTS BY INSERTING A SMALL SCREW DRIVER AND ADJUSTING THE SPRING CLIP ON THE STRUT AS SHOWN. NOTE: DO NOT REMOVE THE SPRING CLIP. ONLY A SMALL AMOUNT OF LEVERING IS REQUIRED TO DETACH.

TO REMOVE:

TO REPLACE THE TONNEAU COVER:
Reverse the sequence and the procedures of the two (2) Figures above.
PARTS CHECK SHEET

MITSUBISHI TRITON 3 PIECE HARD TONNEAU COVER

PARTS IN MAIN CARTON

1. Tonneau Cover
   Qty - 1

2. LHS Corner Piece
   Qty - 1

3. RHS Corner Piece
   Qty - 1

25. Lock Keys (Attached to Tonneau)
    Qty - 1

   Fitting Kit (KIT031386)
   Qty - 1

PARTS IN FITTING KIT (KIT031386)

4. Lock Striker Bracket (CLIP2499-PC)
   Qty - 2

5. Gas Strut Bracket (CLIP2034-1)
   Qty - 2

6. Hinge Pin (MISC2267)
   Qty - 2

7. M6x15 Hex Head Bolt (SCRW0633)
   Qty - 8

8. M6 Flat Washer (WASH0153)
   Qty - 24

9. M6 Hex Nut (NUTS0161)
   Qty - 16

10. Pop Rivet (FAST0505)
    Qty - 12

11. Bottom Hinge (CLIP1805-1)
    Qty - 2

12. Hinge Retainer Clip (CLIP2673)
    Qty - 2

13. Gas Strut (STRT0003-2)
    Qty - 2

14. M8x50 Hex Head Bolt (SCRW0789)
    Qty - 2

15. M8 Hex Nut (NUTS0217)
    Qty - 4

16. Lock Striker Support Bracket (CLIP2613PC)
    Qty - 2

17. Jacking Bracket (CLIP2353-3)
    Qty - 2

18. Extrusion Tape Roll (MISC2600)
    Qty - 1

19. M6 Large Flat Washer (WASH0036)
    Qty - 4

20. M6 Spring Washer (WASH0103)
    Qty - 12

21. Striker U-Bolt (LOCK0006)
    Qty - 2

22. Rubber Thread Cap (MISC2532)
    Qty - 4

23. Rust Inhibitor (MISC2776)
    Qty - 1

24. Alcohol Wipe (MISC0052)
    Qty - 4

25. M6x40 Allen Key Bolt (SCRW0517)
    Qty - 4

26. Spacer (MISC3095)
    Qty - 4

27. Anti-Rub Pad (TAPE0011)
    Qty - 2

28. Fitting Instruction (FIT-TC0169)
    Qty - 1

Fitting Instructions