

PREMIUM LOW PROFILE TRUCK CAP

HARDTOP BAS POUR CAMION À
PLATEFORME PREMIUM

CAPOTA PRÉMIUM DE BAJO
PERFIL DE CAMIONETA

BY: **LEER.**
GROUP

MAVERICK



INSTALLATION INSTRUCTIONS
& OWNERS MANUAL

NOTICE D'INSTALLATION
ET GUIDE DU PROPRIÉTAIRE

INSTALACIÓN INSTRUCCIONES
& MANUAL DEL USUARIO





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MAVERICK PREMIUM LOW PROFILE TRUCK CAP COMPONENTS

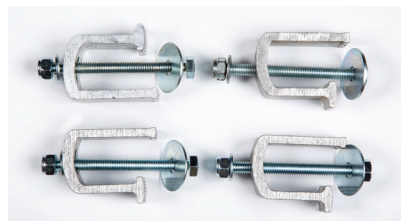
UNPACK COMPONENTS AND INSPECT FOR MISSING OR DAMAGED ITEMS



MAVERICK PREMIUM LOW PROFILE TRUCK CAP

CHECKLIST:

- (4) Clamps and Bolts
- Wiring Harness Kit
- Primary Seal



Clamps and Bolts



Wiring Harness Kit



Primary Seal

TOOLS NEEDED:



Wrenches,
9/16" Socket,
1/2" Socket,
7/16" Combo Wrench



Torque
Wrench



Utility
Knife



Clean Cloth



50/50 Isopropyl
Alcohol

INSTALLATION INSTRUCTIONS

OPEN THE TRUCK TAILGATE AND CLEAN TRUCK BEDRAILS



Fig. 1



Fig. 2



Fig. 3



Fig. 4

BEFORE YOU INSTALL

- We recommend using safety glasses during installation.
- Keep truck tailgate down at all times during assembly.
- Cap installation or removal requires four people or use of a forklift.
- Read all instructions thoroughly before installing cap.

INSTALLING BEDRAIL SEAL

1. Clean bedrail, top of bulkhead, rear truck window, and front window of cap with 50/50 isopropyl alcohol and a clean cloth.
2. Remove adhesive liner from the front driver side bedrail seal.
3. Place the bedrail seal's driver side front filler in the driver side bulkhead weldment area. (Fig. 1)
*Note: Ensure that one bottom corner of the filler is in the bottom of the overlay.
4. Repeat on passenger side.
5. Work your way toward the center of the truck bed, being careful that the seal doesn't shift or twist. (Fig. 2)
6. Work your way toward the tailgate, removing the adhesive liner as you go. (Fig. 3)
7. Trim excess seal following the contour of the side rail cap near the tailgate. (Fig. 4)
8. Repeat steps 6 & 7 on passenger side.

PLACING THE CAP ON THE TRUCK



Fig. 5



Fig. 6



Fig. 7

1. Open truck tailgate and rear door of cap.
2. Using a forklift or (4) four people, place the cap on the truck. (Make sure not to damage the truck cab or bed.)(Fig. 5)
3. Square cap on truck bed from side to side and flush to front of truck bed. Cap should be flush with the rear edge of the bed rail caps on both sides. Align cap door opening with truck tailgate opening. Make sure you have a consistent gap along both sides at the base rails as well as at the front between the truck cab and cap. (Fig. 6)
4. Close the truck tailgate cap rear door. Check fit and function of door and handle.
5. Adjust as necessary for proper fit. (Fig. 7)



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SECURE CAP TO TRUCK



Fig. 8



Fig. 9A



Fig. 9B

1. Insert the clamp bolt with washer through the holes in the cap sill. Slide the clamp up from the bottom. Thread the nut and washer onto the bolt. (Fig. 8)
2. Repeat in all locations. (4 total)
3. Close and open rear door to ensure the door doesn't catch on either side.
4. Tighten clamps with a Torque Wrench to 150 ± 10 inch-lbs. (12.5 ± 0.8 foot-lbs.) (Fig. 9A & 9B)
5. Clamps should be checked and/or retorqued periodically, due to normal use.



WIRING HARNESS COMPONENTS

CHECKLIST

- 6" Nylon Cable Ties
- 2-Pin Molex Connector (3)
- 1-Pin Aptiv Connector
- 6-Pin T-Harness (2)
- Fuse Box Harness
- Stop Logic Harness
- eDIY Power Harness
- Mini Zip Tie Adhesive Mounts (4)



6" Nylon Cable Ties



1-Pin Aptiv



(3) 2-Pin Molex Connector



eDIY Power Harness



Fuse Box Harness



Stop Logic Harness



(2) 6-Pin T-Harness



(4) Mini Zip Tie Adhesive Mounts

WIRING INSTRUCTIONS FORD MAVERICK PREMIUM LOW PROFILE TRUCK CAP



Fig. 10A



Fig. 10B



Fig. 11



Fig. 12



Fig. 13



Fig. 14

Steps 1-6 are done from INSIDE the bed

1. Remove driver side and passenger side taillights using an 8mm wrench. (Fig. 10A & 10B)
*Note: Gas Prop may need to be disconnected from truck side in order to access the bottom taillight screw on the driver side.
2. Disconnect vehicle harness to taillights on driver side. (Fig 11).
3. Install T-Harness between vehicle taillight harness and taillight. (Fig 12 & 13). Push all connectors together until click is heard. This will lock the connectors together.
4. Repeat steps 2 and 3 for passenger side.
5. Cut the center out of the driver side grommet. (Fig.14)
6. Feed the terminal end of the Fuse Box Harness down below the truck bed through the cut grommet. (Fig. 15)

Steps 7-15 are done from UNDER the truck

7. From the bottom of the driver side truck bed, feed the driver side Stop Logic Harness circuit (shorter circuit with yellow & black wires) and the eDIY Power Harness up into the taillight cavity. (Fig. 16)
*Note: Make sure the harnesses follow the vehicle taillight harness.
8. Install the 2-pin Molex connector & the 1-pin Aptiv connector on the Fuse Box Harness. (Fig. 17 & 18)
 - Red/White Wire into Molex connector pin 1.
 - Black into Molex connector pin 2.
 - Make sure all wires are in place and pull back lightly to ensure that the wires are secure.
 - Push in the white Terminal Position Assurance (TPA) until it clicks. (Fig. 19))



Fig. 15



Fig. 16



Fig. 17



Fig. 18



Fig. 19

WIRING INSTRUCTIONS FORD MAVERICK PREMIUM LOW PROFILE TRUCK CAP



Fig. 20



Fig. 21

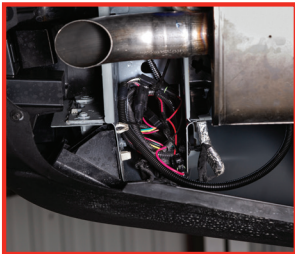


Fig. 22



Fig. 23



Fig. 24

9. Connect 2-pin Molex connector & 1-pin Aptiv connector from step 8 to Stop Logic Harness. (Fig. 20)
10. Plug eDIY Power Harness into the Stop Logic Harness. (Fig. 21)
11. Coil up all excess wires into the taillight cavity, and secure with zip ties to the vehicle taillight harness. (Fig. 22)
12. Feed passenger side Stop Logic Harness circuit (long circuit with green & black wires) across the rear of the truck. Avoid any areas that get hot, that move, or are sharp. Use provided zip ties to secure where needed. (Fig. 23)
13. Remove the passenger side protective plastic cover using a 7mm socket. (8 screws will be removed.) (Fig. 24)
14. From the bottom of the passenger side truck bed, feed the passenger side Stop Logic Harness circuit up into the taillight cavity. (Fig. 25)
 - *Note: Make sure the harness exits out the same opening as the vehicle taillight harness.
15. Reinstall protective plastic cover.

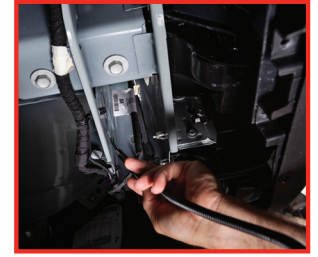


Fig. 25



Fig. 26



Fig. 27



Fig. 28

Steps 16-23 are done from INSIDE the truck bed

16. Install 2-pin Molex connector on the passenger side Stop Logic Harness Circuit. (Fig. 26)
 - Green into pin 1.
 - Black into pin 2.
 - Make sure both wires are in place and pull back lightly to ensure that the wires are secure.
 - Press in TPA until it clicks.
17. Connect the 2-pin Molex connector from step 16 into the 2-pin Molex connector from the T-Harness used in step 4.
18. Install 2-pin Molex connector on the driver side Stop Logic Harness circuit. (Fig. 27)
 - Yellow into pin 1.
 - Black into pin 2.
 - Make sure both wires are in place and pull back lightly to ensure that the wires are secure.
 - Press in TPA until it clicks. (Fig. 28)

WIRING INSTRUCTIONS FORD MAVERICK PREMIUM LOW PROFILE TRUCK CAP



Fig. 29



Fig. 30



Fig. 31



Fig. 32



Fig. 33



Fig. 34

19. Connect the 2-pin Molex connector from step 18 in the 2-pin Molex connector from the T-Harness used in step 3. (Fig. 29)
20. Connect eDIY Harness to eDIY Plug in truck. (Fig. 30-32)
 - Remove the truck eDIY panel.
 - Remove Connector from panel.
 - Pull eDIY Power Harness thru opening.
 - Plug eDIY Power Harness into vehicle harness.
 - Push connected harnesses back into taillight cavity.
 - Reinstall panel.
21. Connect 6-pin connector from the Fuse Box Harness from step 6 into the fuse box. (Fig. 33)
22. Use mini zip tie adhesive mounts and zip ties to secure the Fuse Box Harness in place. (Fig. 34)
23. Reinstall driver and passenger side taillights as well as the tailgate gas prop. Torque tailgate fasteners to 3.54 ft. lbs or 4.8 Nm.

Test System

24. Tube light on/off (vehicle must be on)
25. Center High Mounted Stop Light (CHMSL) - Turn vehicle on
 - *Make sure surroundings are clear before performing these tests.
 - Step on Brake - CHMSL ON
 - Left Turn w/ Brake - CHMSL ON
 - Left Turn w/out Brake - CHMSL OFF
 - Right Turn w/ Brake - CHMSL ON
 - Right Turn w/out Brake - CHMSL OFF
 - Hazards - CHMSL FLASHES
 - Reverse w/ Brake - CHMSL ON
 - Reverse w/out Brake - CHMSL OFF



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FINAL INSPECTION

1. Assure all mounting clamps are tight.
 2. Check rear door operation.
 3. Check passenger and driver side window operation.
 4. Check lighting including interior cap lights and third brake light.
-

REMOVING YOUR TRUCK CAP

4 PEOPLE OR FORKLIFT REQUIRED

1. Loosen and remove clamps on both sides. Keep clamps.
2. Disconnect wiring at bottom of fuse box.
3. Carefully lift and remove the cap from truck bed.

• *NOTE: Be careful not to damage the truck cab, bed, or cap. It is recommended to replace the seal before next installation.*

SERVICE PARTS LIST

FORD MAVERICK PREMIUM LOW PROFILE TRUCK CAP

PART #	DESCRIPTION
213219	FRONT REMOVABLE WINDOW
220885	DRIVER SIDE TWIST-OUT WINDOW
220886	PASSENGER SIDE TWIST-OUT WINDOW
220375	REAR DOOR ASSEMBLY
216715	PRIMARY SEAL
213137	CLAMP & BOLT KIT
213138	FUSE BOX
213103	20" TUBE LIGHT
220378	DOOR SKIRT
200858	DOOR SKIRT BULB SEAL
203050	THIRD BRAKE LIGHT
216231	WIRE HARNESS KIT



LIMITED WARRANTY

All Ford part numbers provided by LEER® Group are warranted to be free from defects in materials or workmanship on products properly installed per the installation instructions provided with the product. This warranty covers repair or replacement of any defective product at no charge during the applicable warranty period listed below. Labor for replacement or service of defective product is not paid or reimbursed by LEER® Group.

WARRANTY PERIOD USA

Product which appears on New Vehicle Monroney Label (window sticker)

Coverage which matches new vehicle warranty – Ford 3 years or 36,000 miles, whichever comes first; Lincoln 4 years or 50,000 miles, whichever comes first.

Part purchased and installed during or after the original vehicle warranty

Whichever of the following options provides the greater benefit to the customer:

- 1.) 2 years / unlimited miles or
- 2.) The remainder of the new vehicle warranty

OUTSIDE USA

Product which appears on New Vehicle Monroney Label (window sticker)

Coverage which matches new vehicle warranty – Ford 3 years or 60,000 kilometers, whichever comes first; Lincoln 4 years or 80,000 kilometers, whichever comes first.

Part purchased and installed during or after the original vehicle warranty

Whichever of the following options provides the greater benefit to the customer:

- 1.) 2 years / unlimited kilometers or
- 2.) The remainder of the new vehicle warranty

This limited warranty does not cover any damage, defect, or malfunction caused by misuse, abuse, accident, improper installation, modification, or improper or lack of maintenance. Incidental and consequential damages are not recoverable under this warranty. This warranty offers you specific legal rights. You may have additional or other rights as which vary from state to state or province to province.

If you experience a warranty issue with this product, please visit your Ford Dealer. If the repair is covered by the warranty above and completed by the dealership, labor is also covered by Ford – Ford Warranty and Policy – Section 3.

Please note that LEER® Group has replacement component parts available to assist consumers and dealers to resolve warranty and non-warranty issues as quickly as possible.

NOTE TO DEALER

Ford Dealers should contact LEER® Group by email:

Fordcustomerservice@truckgroup.com

For technical assistance call 1-844-756-4247

NOTE TO OWNER

Ford truck owners should contact their Ford Dealer with any questions.

CARING FOR YOUR TRUCK CAP

TAKE A MOMENT TO REVIEW THE FOLLOWING CARE AND MAINTENANCE INSTRUCTIONS TO KEEP YOUR TRUCK CAP PRODUCT LOOKING ITS BEST AND PERFORMING SAFELY

Your Ford brand product has been finished with premium-grade automotive paint. Proper maintenance of this new finish will be rewarded with a long-lasting beautiful appearance. The following guidelines are provided for you:

- Avoid wiping or waxing your cap for 90 days and avoid commercial or high-pressure car washes for 90 days. This gives the fresh paint finish the maximum time to cure completely.
- Do not wipe your cap with a dry cloth.
- Do not spill chemicals such as anti-freeze or coolant on the finish.
- Do not scrape ice or snow from the finish.
- Do not use polishes not formulated for clear-coat finishes.
- Do not add exterior wraps* or stickers until the cap has been installed for 48 hours.
- After 90 days, wash and wax your cap regularly with a product designed to preserve and protect painted finish. Ask your Ford Dealer for product recommendations. Make sure to wash your cap in a shaded area using cool water and a mild detergent.
- Do not subject the windows of your cap to the direct force of high-pressure commercial car washes or pressure washers. Windows are not warranted against leaks under the pressure of such equipment.

**Exterior wraps and stickers applied incorrectly may void paint warranty.*

MAINTENANCE RECOMMENDATIONS

Regular maintenance will keep your truck cap working well. Your Ford Dealer would be happy to help you for a nominal fee.

1. Keep window tracks free of debris. Lubricate the sliding portions of your windows monthly with an oil-based lubricant. Lubricate door locks with oil-based lubricant like WD40. Do not use silicone or petroleum distillate (WD40, etc.) spray lubricant on gas props.
Caution: Do not get oil-based lubricant near any of the cap seals.
2. Check J-Bolt clamp for tightness monthly. *Torque clamps to 150 ± 10 inch-lbs. (12.5 ± 0.8 foot-lbs.).* J-Bolt clamps are suitable for securing caps when properly installed.
Ask your Ford Dealer if you have any questions about the attachment process.

IMPORTANT SAFETY TIPS

- Never drive your vehicle with the cap door open.
- Do not use the product for passenger occupancy while the vehicle is in motion or while the engine is running.
- Not intended for off-road use with cap installed on truck.
- Contact your auto insurance company to make them aware you have added a truck cap to your vehicle.