

OCAM

4X4
ACCESSORIES

INSTALLATION INSTRUCTIONS

PART NUMBER: RR2-DMAX-21
APPLICATION: Isuzu D-MAX / Mazda BT-50, 08/2020-On
(All Variants, incl. X-Terrain/SP, with original roof rails)
FITTING TIME: 2 Hours



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IMPORTANT INFORMATION

- To ensure your warranty remains valid, the product must be installed in accordance with the following instructions.
- Before beginning installation, check all parts against the included parts list. If anything is missing, contact your place of purchase immediately.
- This product or its fasteners must not be modified in any way.
- Ensure that all hardware is fastened to torque list as detailed in these instructions.
- These instructions are accurate as at the revision date and do not take into account any changes made by the vehicle manufacturer to vehicle design after the revision date, or other accessories that are or have been fitted to the vehicle.
- It is the responsibility of the installer to confirm correct operation and clearance of all components.
- To prevent damage, remove the roof rack before entering an automatic car wash.
- Keep these instructions in the vehicle.

PRODUCT CARE

- For long-lasting appearance, clean and dry the product regularly using a high-quality pH-neutral car wash. Steer clear of strong acid detergents, which can damage the surface.
- The product should be periodically checked for tightness.

Important Safety Warnings

1. Check Vehicle Roof Load Limits

- DO NOT exceed the manufacturer's roof load capacity (static or dynamic). This includes the weight of the rack itself (approx. 23kg) plus any cargo, accessories, or roof-top equipment.
- Consult your vehicle owner's manual for guidance.

2. Installation Must Be Done Correctly

- Improper installation may result in serious injury, death or damage to the vehicle or property.
- The rack must be securely mounted using only the provided or approved fitting kits and torque specifications.
- If unsure, installation should be carried out by a qualified technician or authorised OCAM Fitment Centre.

3. Re-Torque After First Use

- After initial installation, re-check and torque all fasteners after the first 100 km of driving and periodically thereafter—especially after off-road use.

4. Driving Conditions

- Roof racks change your vehicle's centre of gravity. Drive with caution, especially on corners, in strong winds, or on rough terrain.
- Avoid sudden manoeuvres and excessive speeds when loaded.

5. Regular Maintenance Required

- Inspect the roof rack regularly for loose bolts.
- Failure to maintain the rack may void your warranty and lead to unsafe conditions.

6. Aerodynamic Noise

- The rack is designed with an integrated wind deflector for reduced noise, however, wind noise may still occur and can vary based on load, speed, and installation.

7. Load Securing

- Always use appropriate tie-down straps and methods to secure your load. Do not use elastic or bungee cords.
- Do not overload or allow items to overhang excessively. Ensure nothing can move during transit.

8. Off-Road Use

- This rack is tested for off-road conditions; however, off-road use increases stresses on mounting systems. Inspect before and after trips.
- Loads must be properly secured with anti-vibration consideration for corrugations.

9. Accessory Compatibility

- Only use accessories and mounting hardware that are compatible with the OCAM Signature Platform Rack.
- Drilling or modifying the rack may void the warranty and compromise safety.

10. Warranty Disclaimer

- The OCAM Signature Roof Rack is covered under a 2-year manufacturer's warranty.
- Damage resulting from incorrect installation, overloading, modifications, neglect or accidents is not covered.

Tools Required

1. Trim removal tool
2. Metric socket and spanner
3. Wax & grease remover
4. Allen keys
5. Torque wrench
6. Side cutters / Utility knife
7. Automotive sealant-adhesive
8. Masking tape or protective cloth
9. Screwdriver


















Torque Settings

Roof L-Brackets to Roof:
M8: 8-12Nm

Rails to L-Brackets
M8: 20-25Nm

Platform to Rails
M8: 14-18Nm

Parts List

Box	Name	Item	Description	Image	Qty
1	Platform	A	Platform Rack		1
2	Rails	B	Left-Hand Rail		1
		C	Right-Hand Rail		1
		D	Rubber Feet		8
		E1	Roof L-Brackets - Front		2
		E2	Roof L- Brackets - Rear		6
		F	M8x20mm Button Head Cap Screw		16
		G	M8 Spring Washers		8
		H	M8 Flat Washers		16
		I	M8 Nyloc Flange Nuts		8
		J	M8 Dual T-bolts		4
3	Wind Deflector	K	Wind Deflector		1
		L	M8 Single T-Bolts		3
		M	M8 Nyloc Flange Nuts		3
		N	M6x20mm Button Head Cap Screws		2
		O	M6 Flat Washers		4
		P	M6 Nyloc Flange Nuts		4



1. Unbox all components – platform, rails, and wind deflector, and mounting hardware.
2. Inspect contents carefully – ensure all hardware is included and check for any damage.
3. Position the platform – place it upside-down on a stable workbench or stand.

Note: The following steps apply only to D-MAX X-Terrain/ BT-50 SP fitted with original roof rails. For vehicles with a naked roof, skip ahead to Step #12.



4. Carefully remove the end caps from the factory roof rails; at both the front and the rear. Use masking tape or a cloth to protect the vehicle body. Repeat this step on the opposite side.

Start at the furthest end - the front for front cap, and slide the trim tool under the cap towards the middle of the roof, while pulling the cap upward to release.



5. Remove the two bolts from each position. Repeat this step on the opposite side.

Recommended to use hand-tools only.



6. The factory rail will be adhered to the roof body. Gently pry the rail upward and use minor force to carefully lift up and remove.

Repeat this step on the opposite side.

Note: Removing the rails will expose the factory mounting points (see Step #7).



7. Once both rails have been removed, clean the roof ditch thoroughly, ensuring all dust and debris are cleared.



8. Trim the vehicle's roof ditch cover as needed to ensure the supplied rubber feet (D) can be positioned in the channel without obstruction.



9. Place rubber feet (D) in all positions and apply a small bead of automotive sealant inside the mounting holes.



10. Install the two roof L-brackets marked "F" (E1) at the very front of the vehicle – one on each side.

Fix in to place and tighten securely using:

- M8 button head screw (F)
- M8 spring washer (G)
- M8 flat washer (H)



11. Install remaining six roof L-brackets marked "R" (E2). These are identical and can be used in all other positions.

Fix in to place and tighten securely using:

- M8 button head screw (F)
- M8 spring washer (G)
- M8 flat washer (H)



Installed roof brackets



Installed roof brackets (Side view)

For D-MAX X-Terrain/BT-50 SP models, jump over to Step #18



12. For naked roof variants, remove the vehicle's rubber ditch cover to expose the mounting positions. Pierce the factory's thread cover patch using a screwdriver Repeat on the other side



13. Clean the roof ditch thoroughly, ensuring all dust and debris are cleared.
14. Place rubber feet (D) in all positions and apply a small bead of automotive sealant inside the mounting holes.



15. Install the two roof L-brackets marked "F" (E1) at the very front of the vehicle – one on each side.

Fix in to place and tighten securely using:

- M8 button head screw (F)
- M8 spring washer (G)
- M8 flat washer (H)



16. Install remaining six roof L-brackets marked "R" (E2). These are identical and can be used in all other positions.

Fix in to place and tighten securely using:

- M8 button head screw (F)
- M8 spring washer (G)
- M8 flat washer (H)



Completed view



17. Cut the ditch cover to size and reinstall it. Apply a bead of automotive sealant to secure the cover. Use masking tape to hold the ditch cover firmly in place against the vehicle body and allow 24 hours curing time.

Once complete, you may proceed with the installation of your roof rack. Remember to remove the masking tape after 24 hours.





18. Install the left and right-hand rails (A & B) onto the roof L-brackets using:
- M8 x 20mm bolts (F)
 - M8 flat washers (H)
 - M8 nyloc flange nuts (I)

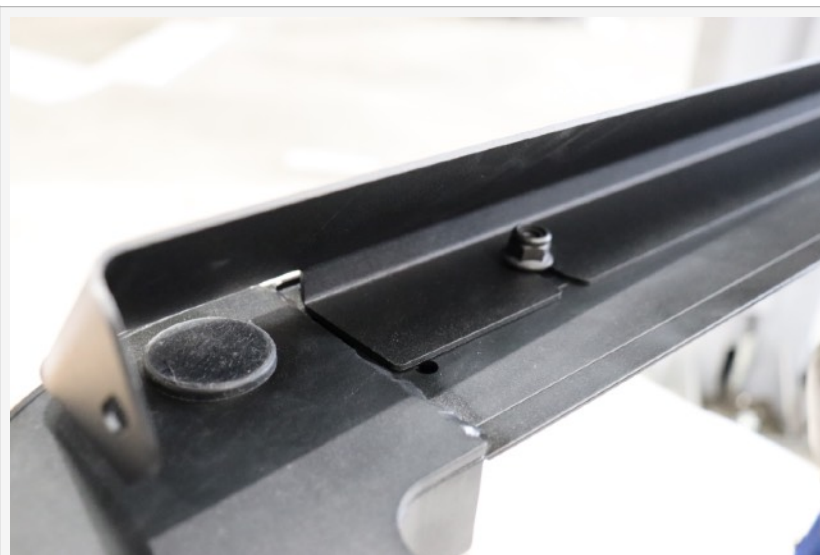
Tighten all fixings securely.



19. Return to the platform. Remove the rubber channel cover from the underside of the front cross member to prepare for installation of the wind deflector.



20. Position three single M8 T-bolts (L) with M8 nyloc flange nuts (M) loosely fitted to allow installation of the wind deflector.



21. Centre the wind deflector (K) and slide it fully into the slots. Partially tighten the M8 nyloc flange nuts—firm enough to hold the deflector in place, but still allowing slight adjustment when lowering the platform and deflector assembly onto the rails.



22. With the assistance of another person, carefully lower the platform and wind deflector assembly onto the rails.



23. Ensure the wind deflector is positioned on the inside of the rails at both sides.



24. Insert the M8 dual T-bolts (J) into the underside extrusion channel of the platform and align them with the mounting points on the rails. Once the platform is centred and correctly positioned, secure the T-bolts by tightening with M8 nyloc flange nuts (I).



25. Install the M6x20mm button head cap screws (N) with a flat washer (O) on the outside of the rail. Also , use an M6 flat washer (O) on the inside of the wind deflector. Secure with an M6 nyloc nut and tighten. Repeat this step on the opposite side.

26. Tighten the nuts on the underside of the roof rack to securely fasten the wind deflector.

Your roof rack installation is now complete.