

OCCAM

4X4
ACCESSORIES

INSTALLATION INSTRUCTIONS



SKU: RR2-BYD-Shark-6

Vehicle Compatibility: BYD Shark 6, 2024 +

Install Time: 5 hours

IMPORTANT INFORMATION

- Always wear safety glasses and hearing protection.
- Make sure work area is kept clean at all times.
- Check that all components, as listed, are present.
- Thoroughly read all instructions.
- This product or its fasteners must not be modified in any way.
- These instructions are accurate 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/clearance of all components.
- All holes drilled must have all burrs and swarf removed then coated with a suitable rust preventative paint.
- Ensure that all hardware is fastened to torque specifications as detailed in the instructions.
- On completion of the job, these instructions are to be given to the customer.

PRODUCT CARE

- To maintain the appearance of the product, wash and dry regularly using a quality car wash.
- The product fixing should be periodically checked for correct torque.

Torque Settings		
BOLT SIZE mm	TORQUE Nm	TORQUE ft. lb
M5	7	5
M6	11.8	8.7
M8	28.8	21.3
M10	57.5	42.3
M12	99.8	73.7

Item	Description	QTY
1	Platform	1
2	LH roof rail	1
3	RH roof rail	1
4	RH front mounting bracket	1
5	LH front mounting bracket	1
6	Rear mounting bracket	2
7	Wind deflector	1
8	M8x20 button head bolt	4
9	M8x30 button head bolt	8
10	M8 flat washer	16
11	M8 spring washer	8
12	M8 Nyloc nut	4
13	M8 Flared nyloc nut	15
14	M6x20 Button head bolt	2
15	M6 flat washer	4
16	M6 Nyloc nut	2
17	Plastic plug	2
18	M8 rubber washer	8
19	M8 spacer	8
20	Double T-bolt	6
21	T-bolt x3	3

Tools required		
13mm socket	13mm open end spanner	Phillipshead screwdriver
10mm socket	5mm allen key/hex bit	Trim removal tools
8mm socket	4mm allen key/hex bit	Sealant
10mm spanner	Pick tool/small flat-blade screwdriver	Rags



1. Locate vehicle in a safe work space.



2. Adjust the front seats back to allow maximum room to work with.



3. Locate the front handles.
4. Use a pick tool or small flat-blade screwdriver to remove the caps.



5. Remove 2x 8mm bolts to detach the fixed handles.



6. Locate the sun visor hinge caps and use a pick tool or small flat-blade screwdriver to remove them.



7. Remove the screws securing the sun visors to the roof.



8. Wiggle the sockets out and disconnect the wiring to detach the sunvisors.



9. Remove the sunvisor hooks by inserting a flat-blade screwdriver applying pressure on the tab inside the gap and turn the hook 90 degrees.



10. Peel back the door seal to allow the side panels to be removed.



11. Pull A-pillar trim away from pillar to release clips, then lift up to remove from dash.



12. Upper clip on passenger side is secured by plastic strap. Disconnect to remove trim.



13. Repeat the same for the drivers side.

14. Disconnect the driver monitoring system wire from the panel.

Note: Take care when removing trim panel to not damage wiring.



15. Adjust the front seats forward to allow maximum room to work with.



16. Locate the rear handles.
17. Use a pick tool or small flat-blade screwdriver to remove the caps.



18. Remove 2x 8mm bolts to detach the handle.



19. Peel back the rear door seal.



20. Pull lower B-pillar trim away from B-pillar to release clips.



21. Remove 2x screws from B-pillar upper trim.



22. Use pick tool or small flat-blade screwdriver to remove airbag cap.



23. Remove 10mm nut and pull trim away from pillar to release clips. Leave trim on seat belt and tuck out of the way.



24. Fold the backseats down for access.

25. Pull lower C-pillar trim away from pillar to release clips.



26. Pull rear trim panel to release clips and remove.



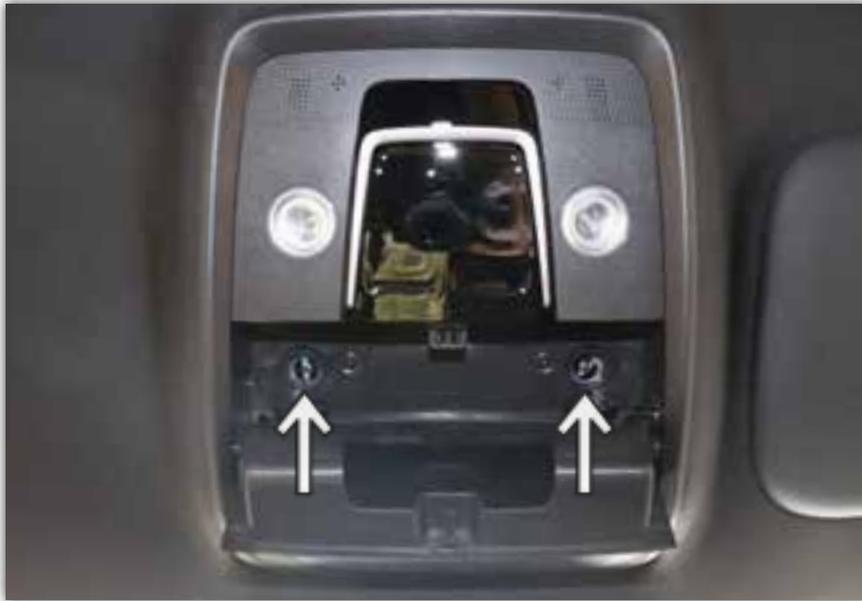
27. Remove use pick tool or small flat-blade screwdriver to remove airbag cap, remove 10mm nut.

28. Remove 2x phillipshead screws at base of trim.



29. Locate the roof console and open the sunglasses compartment.

30. Open the 2 plastic caps highlighted using pick tool or small flat-blade screwdriver



31. Remove the 2 Phillips head screws located underneath the caps.



32. Remove the roof console by pulling down from the side closest to the windshield to release front clips, slide console forward to release rear. Do not pull down from rear of roof console as this will damage the rear clips.



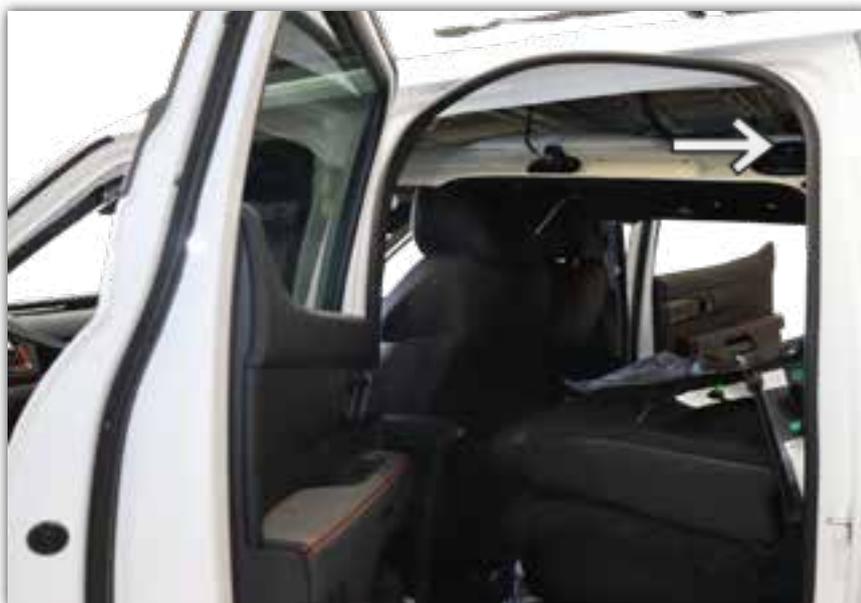
33. Disconnect wiring and remove roof console.



- 34. Pull down the handle and use a pick tool or flat-blade screwdriver to open caps.
- 35. Remove 2x screws to remove roof handle.
- 36. Repeat for all 4 roof handles.



- 37. Remove 2x 10mm bolts.
- 38. Use a flat-blade screwdriver to release both tabs of front headlining clip.



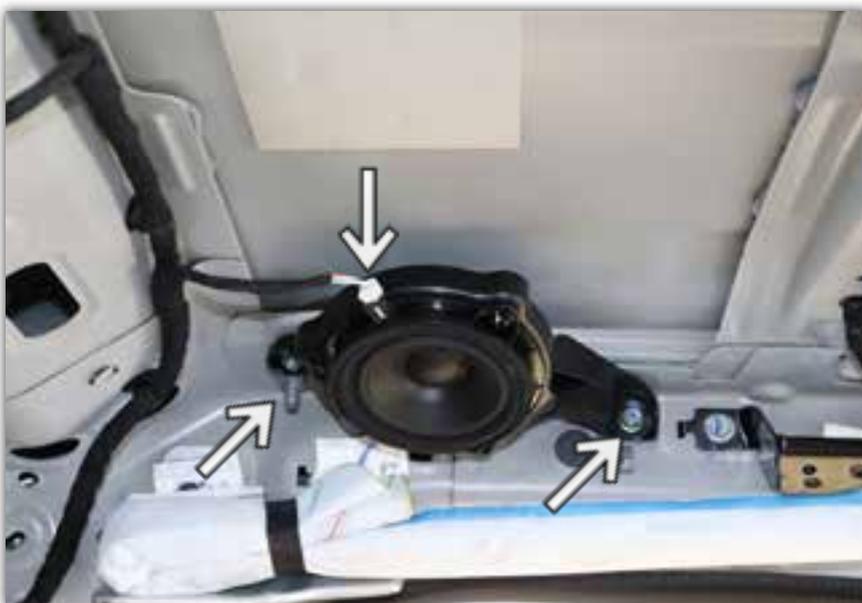
- 39. Pull down rear of headlining to release 2x rear clips.



40. Disconnect all wiring harnesses from lights and speakers in front of headlining, repeat on LH and RH sides.



41. Disconnect all wiring harnesses from lights and speakers in rear of headlining, repeat on LH and RH sides.



42. Disconnect wiring from rear speakers. Remove 2x 10mm nuts and remove speakers.



43. Remove 2x 13mm nuts from roof rail mount. Repeat on LH and RH side.



44. Remove 2x 13mm nuts from rear roof rail mount. Repeat on LH and RH side.



45. Remove both roof rails.



46. Clean dirt and sealant off all roof mounting points.



47. Ensure mounting points are clean and free of residue and apply sealant to mounting holes before installing mounting brackets.



48. Install the front mounting bracket using M8x30 button head bolt, M8 spring washer, M8 flat washer, mounting bracket, M8 spacer, M8 rubber washer. Repeat on LH and RH side.

Items: #4, #5, #9, #10, #11, #18, #19

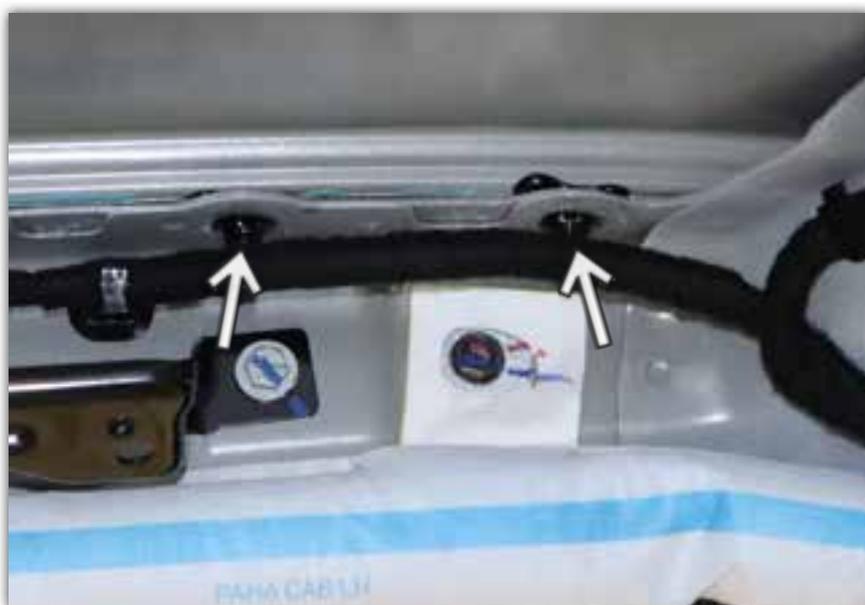


50. Secure from the inside using the factory nuts. Repeat on LH and RH side.



51. Install the rear mounting brackets with M8x30 button head bolt, M8 spring washer, M8 flat washer, mounting bracket, M8 spacer, M8 rubber washer. Repeat on LH and RH side.

Items: #6, #9, #10, #11, #18, #19



50. Secure from the inside using the factory nuts. Repeat on LH and RH side.



51. Install the roof rails by bolting them to the roofrack footings using M8x20 button head bolt, 2x M8 flat washer, M8 nyloc nut. Repeat on LH and RH side.

Items: #2, #3, #8, #10, #12



52. Check for clearance between roof rails and roof, loosen and adjust as required.



53. Note correct orientation of roof rails.



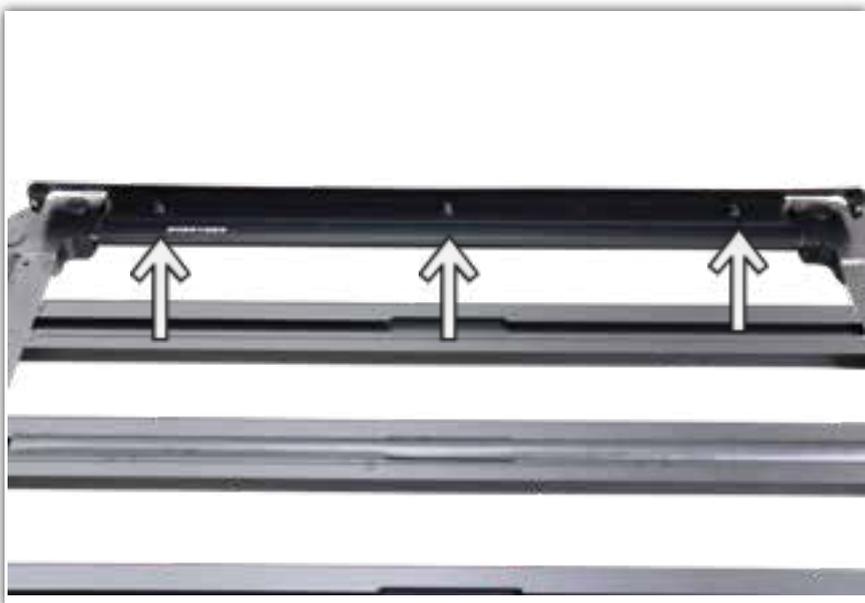
- 54. Remove rubber strip from one end of underside of roof rack.
- 55. Slide in the 3 T-bolts to mount the wind deflector

Items: #1, #21



- 56. Install wind deflector to T-bolts and centre on platform

Items: #7



- 57. Secure with M8 flared nyloc nuts, use open end 13mm spanner to tighten enough to hold wind deflector in place. This may require some adjustment later.

Items: #13



58. Place the roofrack on the roof rails, position wind deflector between front of roof rails.



59. Insert the double T-bolts into the channels in the underside of platform. (Shown with platform removed for reference)



60. Slide double T-bolts into place and align with holes in roof rail mount. (Shown with platform removed for reference)



61. Secure platform with M8 flared nyloc nuts. Do not fully tighten at this stage.

Items: #13



62. Secure wind deflector to roof rails using M6x20 button head bolt, 2x M6 flat washer, M6 nyloc nut. Loosen wind deflector mounting nuts to adjust if holes are not aligned. Do not fully tighten at this stage.

Items: #14, #15, #16



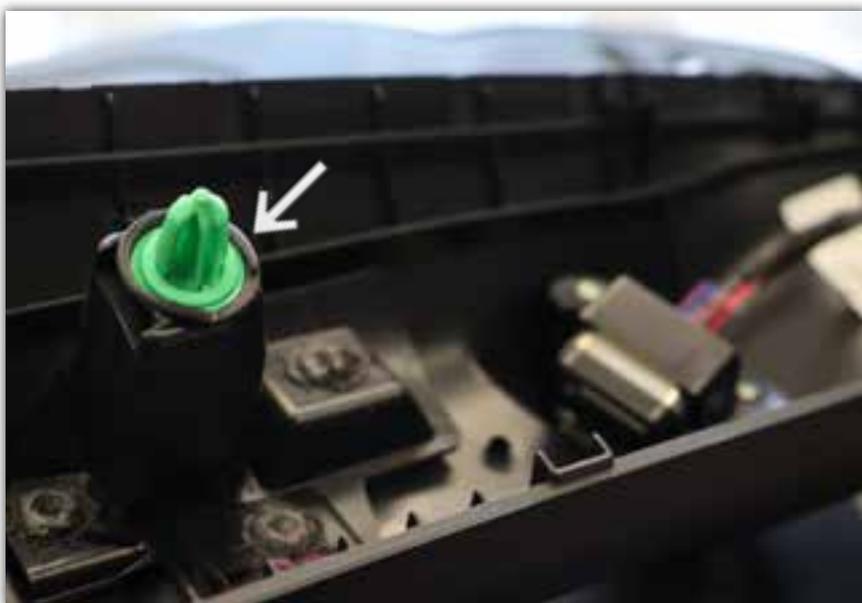
63. Check alignment of platform to ensure it is mounted straight and even.



64. Use 13mm spanner to tighten all M8 flared nyloc nuts to secure platform to roof rails.



65. Use 13mm open end spanner to tighten wind deflector mounting nuts and 10mm spanner/ socket and 4mm allen key/hex bit to tighten wind deflector end bolts.



66. To reassemble vehicle interior, reverse removal process. Ensure all clips are installed to trims and have not been left in body. Ensure all wiring harnesses are out of the way of clips and trims when refitting to prevent damage.



67. Congratulations your roof rack installation is now complete!