

RETRACTABLE BOARD MOUNT KIT 19-24 Silverado 1500, 20-24 Silverado 2500/3500 HD (Crew and Double Cab) INSTALLATION INSTRUCTIONS

Mechanical PARTS LIST:

Qty	Item Description	Qty	Item Description
2	Running Boards (73in or 79in)	2	Plastic Retainers
1	Driver/Left Front Bracket Assembly	12	M8 Hex Bolts
1	Passenger/Right Front Bracket Assembly	14	Lock Washers
1	Driver/Left Rear Bracket Assembly	14	Flat Washers
1	Passenger/Right Rear Bracket Assembly	2	M8 Hex Nuts
1	Electronic Materials Package	15	Zip Ties
2	M8 Bolt Plates	8	M6 Flange Nuts
2	Adhesive Foam 35*100	8	M6 Carriage Bolts

Electronic Materials Package PARTS LIST:

Qty	Item Description	Qty	Item Description
1	Main Harness	1	ECU
2	LED Y-Harness	4	LED lights
2	Wire Taps		





RETRACTABLE BOARD MOUNT KIT 19-24 Silverado 1500, 20-24 Silverado 2500/3500 HD (Crew and Double Cab) Locate and Line up front mounting bracket slots to the rocker panel threaded inserts and place Driver Side/Left Front Bracket Assembly (A) onto rocker panel. Then fasten 8mm Bolts, Lock Washers, and Flat washers together into the OE inserts and 8mm Hex nut to the bolt plate. Do not tighten all the way yet.



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Locate rear mounting points. Remove the appropriate plastic OE insert protectors to reveal the threaded inserts. Next, line up rear mounting bracket slots to the studs and place Driver Side/Left Rear Bracket Assembly (B) onto rocker panel.



Then fasten the 8mm bolts (K), lock washers (L), and flat washers (H) into. Do not tighten all the way yet.

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Repeat steps 1 - 3 for the Passenger Side.

On some vehicles, the Passenger Side has large wire conduits running the length of the vehicle frame. These wire harnesses are bendable and can be simply pushed aside when installing the Passenger Side Bracket Assemblies (C & D). Apply the supplied foam strips to the bracket assemblies as shown below to prevent scratching the outer conduit.



Trim the foam to the appropriate size and apply it to the top of the brackets which will touch the OE frame conduit.





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1-15-23 (ML, CC, JI)

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Inside the vehicle cabin, remove the driver-side front kick panel and bottom door sill plate. Peel back the carpet to access the hole where the grommet was removed. Feed the wires through.



On the underside of the driver side, locate and remove the floor grommet in the floor panel behind the front wheel well. The grommet will be close to the front linkage arm. Poke a hole through the grommet and thread the two signal wires through and up into the vehicle cabin.

If the vehicle is a Silverado 1500 from 2022 onwards or a Silverado 2500 from 2024 onwards, route the signal branch of the main harness (M) through the Passenger side instead of the Driver Side. Poke a hole using a drill or punch through the plastic cap on the underside to feed the wires into the cabin.





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RETRACTABLE BOARD MOUNT KIT 19-24 Silverado 1500, 20-24 Silverado 2500/3500 HD (Crew and Double Cab) Connect the High and Low wires from the main harness (M) using the supplied wire taps (O). Identify wires from back of the OBD-II Connector.



After successfully connecting the wires, return the module back into its place, tighten the previously removed nuts, and check that it is secure on the bracket.

PART B: Confirm the technology system of the vehicle. Under the glove compartment on the Passenger Side, locate the radio module. On some models, the underside shield may have to be removed to access the components below the glove compartment.



Determine the kind of radio that is installed by looking at the color of the two main connectors that are plugged in.

If your radio has a GREEN and GREY plug, then follow step B-1.

If your radio has a **BLACK and GREY plug**, follow **step B-2**.

Part B-1:

Connect the High and Low wires from the main harness (M) using the supplied wire taps (O). After successfully connecting the wires, return the module back into its place, tighten the previously removed nuts, and check that it is secure on the bracket.



After successfully connecting the wires, return the module back into its place, tighten the previously removed nuts, and check that it is secure on the bracket.

Part B-2:

Connect the High and Low wires from the main harness (M) using the supplied wire taps (O). After successfully connecting the wires, return the module back into its place, tighten the previously removed nuts, and check that it is secure on the bracket.



After successfully connecting the wires, return the module back into its place, tighten the previously removed nuts, and check that it is secure on the bracket.

RETRACTABLE BOARD MOUNT KIT 11 19-24 Silverado 1500, 20-24 Silverado 2500/3500 HD (Crew and Double Cab) Plug in LED lights (Q) into LED Y-Harness (N) and attach them to the bottom of the rocker panel. Use provided 3M double sided adhesive tape on back of LED light (Q). Replace Fuse into Fuse Box. Close lid after replacing Fuse LED attached to rocker panel Insert 25A Fuse 12 Check to make sure the harnesses on the Driver Side/Left Front Bracket Assembly (A) and Passenger Side Front Bracket Assembly (C) are connected to the main harness (M) via the LED-Y harnesses (N). *NOTE: The linkage arms on the front bracket assemblies will not move unless both motors are connected. 13 Seal the grommet with RTV Silicone Sealant. Hide wires and reattach the kick panel with the carpet fully unfurled in its original position. Reattach the door sill panel and check to make sure there are no obstructions or potential snag points around the brake pedal area.



Line up the carriage bolts (E), under the power step boards, with the slots on the linkage arms (A & B). Insert the 4 carriage bolts (E) into the slots on front and rear linkage arms. Adjust board to desired position. Moderately hand tighten the flange nuts (G) onto the carriage bolts.



Once the board is adjusted, plug in main harness (M) connector to return power to the linkage arms. Open and close doors several times to deploy and retract the steps to settle the steps into their natural alignment. After cycling the step, tighten all hardware on the board and brackets.

Some further adjustment may be required for desired step position. Repeat for passenger side.

- Perform system check and troubleshooting. If board is making irregular movements or noise, readjust the boards as follows:
 - a) With board deployed loosen 6mm flange nuts under board.
 - b) Leave the flange nuts slightly less than snug.

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- c) Open and close door several times for board to settle into position.
- d) With the step in the deployed position, gradually tighten flange nuts while alternating between each. Do not over tighten.

If board is making abnormal noise or the motion is binding, repeat steps "a" through "d".

Note: If the above method does not resolve the issue, the brackets mounting to the vehicle may not be aligned properly with the vehicle. In this case, remove the board and realign brackets before attempting steps "a" to "d" once again.

Reinstall any remaining trim panels if necessary. Check and make sure all hardware is fully tightened. Perform a final system check. Finish.

*NOTE: If board does not move during troubleshooting, flip the CAN Signal High and Low wires.	

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