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2023 Sport Chief Battery Removal and Installation

Required Tools and Supplies

- 6mm Allen Socket
 - 10mm Socket
 - Ratchet
 - Torque Wrench
 - Seat Removal Tool
 - Prying Tool
 - Dielectric Grease or Petroleum Jelly
 - Safety Glasses
 - Nitrile Gloves
 - Shop Rags
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To learn more about tools, read the [Tools and Fasteners Guide](#). Always wear safety glasses and nitrile gloves when servicing your Indian Motorcycle.

To remove and replace the battery on your Indian Sport Chief, follow these steps:

1. Park the motorcycle on a flat, level surface and ensure the bike is powered off.
 2. Lift the rear of the seat and pull upwards to disengage the seat grommet.
 3. Remove the negative battery cable first to prevent arcing with a 10mm socket. Position the cable well clear of the terminal. **Tip:** Reinstalling the fastener into the battery post will help prevent misplacement.
 4. Disconnect both connectors in the upper battery tray, and release the harness from the upper battery tray retainers.
 5. Disconnect the rubber strap securing the upper battery tray, lift the rear of the tray upward and pull it toward the rear to remove.
 6. Disconnect the positive battery cable with a 10mm wrench, and remove the cable from the terminal. Position the cable well clear of the terminal.
 7. Remove the fastener securing the battery bracket.
 8. Remove the battery strap by moving the front of the strap forward out of the retention feature of the battery box.
 9. Lift the battery from the battery box.
 10. Inspect the battery box and cover for damage. Be sure pads are in good condition and properly located.
 11. Make sure cable ends and battery terminals are clean. If necessary, a new battery is [part number 4081841](#). Apply a light film of dielectric grease to the terminal bolt threads.
 12. Carefully position the battery into the battery box with both terminals toward the rear of the bike.
 13. Make sure the positive cable is routed horizontally and parallel to the short side of the battery. Connect the positive cable to the positive battery terminal. **Torque** to 45 in-lbs (5 Nm).
 14. Check the positive cable to ensure it is not pinched or wedged between the frame and battery tray.
 15. Insert the battery bracket into the battery box retention slot and slide the strap towards the rear of the bike.
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- 16.** Install the battery bracket fastener through the battery bracket. **Torque** to 84 in-lbs (9.5 Nm).
- 17.** Engage the two front mounting points on the upper battery tray and reinstall the rubber strap to secure.
- 18.** Reconnect the two connectors to the upper battery tray, and secure their harnesses.
- 19.** Reinstall the negative cable, and **torque** to 45 in-lbs (5 Nm).
- 20.** Apply a light film of dielectric grease or petroleum jelly to the negative terminal.
- 21.** Verify the negative cable is secure and properly routed.
- 22.** Turn the bike ON to verify the battery has been connected properly.
- 23.** Reinstall the seat by inserting the front mounting tabs into the frame and aligning the mounting hole.

For more information, see your authorized Indian Motorcycle Dealer. Find a dealer near you with the [Dealer Locator](#).

Maintenance tips, procedures and specifications can be found in your [Owner's Manual](#).

To find diagrams and replacement part numbers, use the [online parts catalog](#).

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