

Scotch Lock Splice Installation

Note: *Follow the steps in this procedure if boom sense adapter cables are not provided with the installation kit, or if the installation kit contains integrated, machine-specific cabling for Raven CAN AutoBoom.*

1. Locate the machine's boom function coils near the machine's hydraulic valve.
2. Locate the left tilt up coil.
3. Determine which wire feeding into the coil receives the signal from the switches in the cab by pressing the switch and using a test light or multi-meter to detect +12 volts.
4. Locate the Left Solenoid Sense Up connector on the ISO AutoBoom harness cable (P/N 115-0230-034).
5. Use a 16-18 gauge scotch lock parallel splice connector (P/N 405-2001-079) to connect the left tilt up coil wire to the Left Solenoid Sense Up connector.
6. Locate the left tilt down coil.
7. Determine which wire feeding into the coil receives the signal from the switches in the cab by pressing the switch and using a test light or multi-meter to detect 12+ volts.
8. Locate the Left Solenoid Sense Down connector on the ISO AutoBoom harness cable (P/N 115-0230-034).
9. use a 16-18 gauge scotch lock parallel splice connector (P/N 405-2001-079) to connect the left tilt down coil wire to the Left Solenoid Sense Down connector.
10. Repeat the steps above to connect the right tilt up and down coils to the Right Solenoid Sense Up and Down connectors on the AutoBoom harness cable.