



Installation and Troubleshooting Guide

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CDI P/N: 857-1950



This unit replaces the 6G5-81950-00-00 and 6G5-81950-01-00 Tilt/Trim Assemblies.

IMPORTANT NOTICE: Disconnect the negative lead from the battery prior to this installation.

WIRE COLOR	CONNECTION POINT
Blue (12GA)	Trim Motor
Green (12GA)	Trim Motor
Red (12GA)	+12 volt
Black (12GA)	Ground
Blue (18GA)	Trim Switch "up"
Green (18GA)	Trim Switch "down"

1. Disconnect the positive lead from the battery.
2. Disconnect and remove the old trim solenoid assembly and wires, saving the old bolts.
3. Install the new trim solenoid assembly according to the directions below.

INSTALLATION

1. Mount the new trim solenoid assembly (using the old bolts) in the same location as the original.
2. Connect the Blue (12GA) and Green (12GA) wires from the new trim solenoid assembly to the terminal block, matching the colors.
3. Plug the Blue (18GA) and Green (18GA) wires with bullet connectors into the control harnesses Blue and Green wires.
4. Route the Red (12GA) wire from the new trim solenoid assembly to the starter solenoid and connect it with the positive battery cable.
5. Connect the Black (12GA) wire to engine ground, preferably at the same point as the negative battery cable is connected to the engine block.
6. Connect the positive battery cable to the battery.
7. Connect the negative battery cable to the battery.

TROUBLESHOOTING

WILL NOT TRIM UP:

1. Verify the battery voltage when the trim is activated. It should be 10V or more.
2. Connect a voltmeter's Black lead to the Tilt/Trim Assembly's large Green wire and the voltmeter's Red lead to the large Blue wire.
3. Press the "Up" button on the trim switch. You should read positive battery voltage. If you read negative voltage, verify the small Blue and Green wires are connected correctly. If so, switch them and see if the voltage is now correct.
4. If there is no voltage or it is low, check the connections.

WILL NOT TRIM DOWN:

1. Verify the battery voltage when the trim is activated. It should be 10V or more.
2. Connect a voltmeter's Black lead to the Tilt/Trim Assembly's large Blue wire and the voltmeter's Red lead to the large Green wire.
3. Press the "Down" button on the trim switch. You should read positive battery voltage. If you read negative voltage, verify the small Blue and Green wires are connected correctly. If so, switch them and see if the voltage is now correct.
4. If there is no voltage or it is low, check the connections.

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