

MANUAL FOR THE DG5

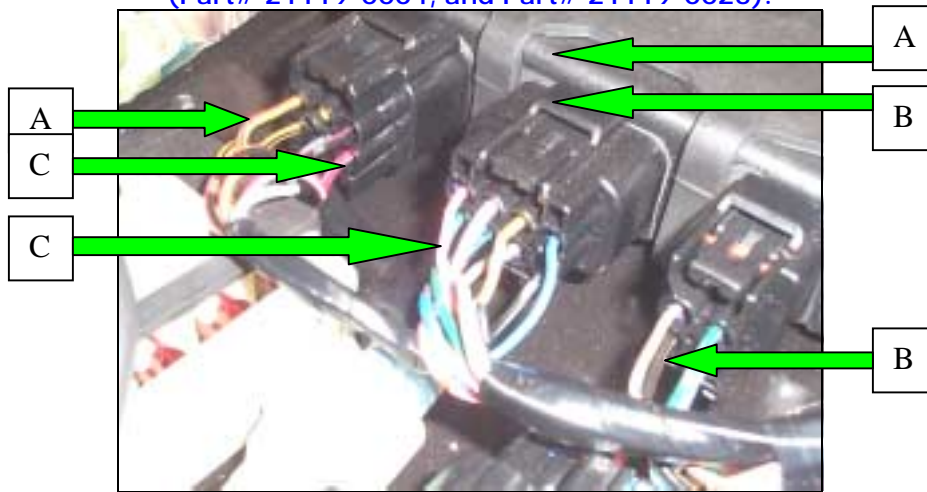


DG5 (ENGINE POWER MODULE) DESCRIPTION: The DG5 contains a RISC Processor, which has been re-programmed to optimize the HP and torque of the Brute Force's 750 V-Twin engine, and is fully compatible with all previous ATV models. The DG5 design also includes a fully sealed switch for selecting between "Stock" and "DG5" modes, and an embedded Ultra-bright Blue diagnostic LED.

INSTALLATION INSTRUCTIONS: Please read and follow these directions carefully. Incorrect wiring may cause damage to the device and ATV components. You will be making two tap connections, and will cut one wire and connect to each of its ends. You may use connectors, or solder the wires directly. For reliable operation, ensure that all connections are protected from dust and moisture by sealing the connections with shrink tubing, electrical tape, etc.

IGNITER WITH 2 CONNECTORS
 (Part# 21119-1598).
 { EMBED Word.Picture.8 }

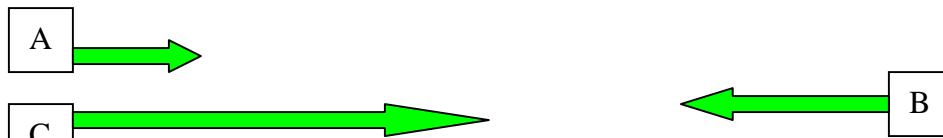
IGNITER WITH 3 CONNECTORS
 (Part# 21119-0004, and Part# 21119-0025).



ARCTIC CAT 650 IGNITER
 (Part#21119-0004)
 { EMBED Word.Picture.8 }

Use the above Igniter pictures to locate the connection wires for your ATV and follow steps 1-8.

1. Set the STOP Switch to the STOP position, turn the Ignition Switch OFF, and remove the ATV's seat.



2. Locate wire "A". It is **ORANGE with a WHITE Stripe (Arctic Cat 650), or YELLOW with a RED Stripe (All others)**. Connect the DG5's **RED** wire to wire "A" forming a Tap connection.
3. Locate wire "B". It is **BLACK (Arctic Cat 650), or BLACK with a YELLOW Stripe (All others)**. Connect the DG5's **BLACK** wire to wire "B" forming a Tap connection.
4. Locate wire "C". It is **PINK with a WHITE Stripe (Arctic Cat 650), or PINK (All others)**. Cut this wire to form two different ends with enough wire length on each end to make further connections. One end goes into the Igniter, and the other comes from the wire harness.
5. Connect the end of the "C" wire coming from the wire harness, to the DG5's **GREEN** wire.
6. Connect the end of the "C" wire going to the Igniter, to the DG5's **BLUE** wire.
7. Verify that all connections are correct, and seal all connections using heat tubing, electrical tape, or other preferred methods.
8. Turn on the Ignition and set the STOP switch to the RUN position. Switch the DG5 ON. The Blue LED embedded in the DG5 should turn ON for about 1 second while the device initializes, and then begin flashing ON and OFF. You are now ready for a test ride. Replace the seat and ride **carefully** until accustomed to the additional power and torque.

DG5 TROUBLESHOOTING:

LED will not flash in "DG5" mode? – Check the DG5's **BLACK** and **RED** wire connections.

Power in "Stock" or "DG5" mode is less than stock levels? – Check the DG5's **GREEN** and **BLUE** wire connections.

The ATV power wheelies and is wearing out my rear tires at an accelerated rate!? – This is a completely normal effect from the DG5 device. Please ride carefully.

WARNING: Use caution when accelerating, climbing steep grades, and riding in technical situations. Excessive wheel spin, wheeling, and subsequent loss of control can occur. This is a performance enhancement device and is intended for use by experienced riders wearing proper safety equipment.