



V Map Stock Turbo Lake-Trail with Launch Control

ARCTIC CAT Z1/Proclimb/Procross 1100T/9000

STOCK TURBO LAKE/TRAIL VMAP MULTI MAP WITH LAUNCH CONTROL INSTRUCTIONS

THESE INSTRUCTIONS MUST BE CAREFULLY ADHERED TO!!!! FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN ENGINE DAMAGE

THIS PRODUCT REQUIRES MECHANICAL SKILL AND KNOWLEDGE. DO NOT ATTEMPT TO INSTALL THIS KIT IF YOU DO NOT HAVE THE NECESSARY SKILLS!!!

OUR EVOPS 1100T BOOST RECIRCULATION VALVE IS HIGHLY RECOMMENDED FOR ALL HIGH HORSEPOWER TUNES FOR SAFETY!!

DISCLAIMER:

LAUNCH CONTROL, WHEN MISUSED CAN AND WILL DESTROY YOUR ENGINE AND/OR TURBO. THE BUTTON SHOULD NEVER BE USED FOR MORE THAN 2 SECONDS AT A TIME!!!!

LAUNCH CONTROL CAN ONLY BE USED WHILE THE SLED IS STATIONARY!!!!

MAKE SURE YOUR SLED IS POINTED IN THE DIRECTION YOU WANT IT TO GO BEFORE ENGAGING THIS FEATURE. WHEN THE BUTTON IS RELEASED, YOUR SLED WILL LIKELY NOT BE CONTROLLABLE BECAUSE THE SKIS WILL NOT BE ON THE GROUND.

DIRECTIONS FOR USE:

- **AGAIN, MAKE SURE YOUR SLED IS POINTED IN A DIRECTION WHERE THERE ARE NO PEOPLE AND/OR OBSTICALS.**
- **PUSH BUTTON IN**
- **APPLY THE APPROPRIATE AMOUNT OF THROTTLE FOR THE SITUATION. FOR DRAG RACING, YOU WILL LIKELY APPLY FULL THROTTLE; FOR STAND STILL DIRECTION CHANGES, MUCH LESS THAN FULL THROTTLE WOULD BE USED.**
- **IT IS VERY IMPORTANT THAT ONCE THE BUTTON IS PUSHED AND THROTTLE IS APPLIED THAT THE BUTTON IS NOT HELD FOR MORE THAN 2 SECONDS**
- **WHEN THE BUTTON IS RELEASED, YOU WILL HAVE 5-6 LBS OF BOOST IN THE CHARGE TUBE – THE SLED WILL LAUNCH VIOLENTLY – BE PREPARED**
- **AGAIN USE WITH CAUTION!!**



INSTALLATION INSTRUCTIONS

1. REMOVE LEFT SIDE PANEL
2. REMOVE BOTH PLUGS FROM THE ECU
3. ON THE BACK SIDE OF THE LARGER PLUG (THAT PLUGS INTO THE ECU) REMOVE THE TWO WHITE "PLUGS" FROM PIN LOCATIONS 29 & 30 (SEE PICTURE ON NEXT PAGE)



4. USING A SMALL SCREWDRIVER, PUSH THE ECU PLUG LOCK IN (SEE PICTURE BELOW)



5. INSERT THE RED WIRE INTO PLUG LOCATION 29 AND THE WHITE WIRE INTO PLUG LOCATION 30. RE LOCK ECU PINS BY DEPRESSING THE WHITE TABS ON THE OPPOSITE SIDE OF THE PLUG (NOTE - THE ECU WILL NOT RE LOCK IF THE PINS ARE NOT INSERTED ALL THE WAY)

6. RUN THE BLACK WIRE TO THE TREE THAT HOUSES THE SENSORS OR ANOTHER GOOD CHASSIS GROUND (IT IS VERY IMPORTANT THAT THIS WIRE HAS A GOOD GROUND. (SEE PICTURE ON NEXT PAGE)



7. LOCATE THE SWITCH ON THE PART OF THE SLED THAT THE BACK OF THE HOOD SLIDES INTO – THE PART THAT COVERS THE ALUMINUM MANIFOLD AND FUEL TANK ACCESS. MOUNT IT WHERE YOU WILL NOT BUMP IT WITH YOUR KNEE WHILE MANUVERING. ALSO, MOUNTING IT IN THIS LOCATION WILL ELIMINATE THE NEED TO UNHOOK THE HARNESS IF YOU REMOVE THE HOOD. MOUNT IT SO THE SWICH KNOB PROTRUDES THROUGH THE TOP OF THE DASH POD – THIS WILL PROTECT THE SWITCH FROM WATER INFILTRATION.
8. MOUNT THE BRACKET ON THE LOWER HOLE OF THE FRONT SIDE OF THE HAND/THUMB WARMER POD. **MAKE SURE THE BRAKET DOES NOT INTERFERE WITH THE OPERATION OF THE BRAKE LEVER!**



9. RUN THE HARNESS FROM THE SWITCH LOCATION UP THE HANDLE BARS AND TO THE SWITCH BRACKET LOCATION. **MAKE SURE THE BUTTON WIRING HARNESS DOES NOT INTERFERE WITH THE STEERING OR BRAKE OPERATION.** USE ZIP TIES TO SECURE THE BUTTON HARNESS.

**THESE OCTANE RATINGS MUST BE STRICTLY ADHERED TO:****STOCK TURBO LAKE/TRAIL TUNES:**

- **SWITCH POSITION 1 SUPER STOCK 200 HP 91 OCTANE (Safe on 89 octane, but ALWAYS use 91 if available) (KNOB ROTATED ALL THE WAY TO THE LEFT (TURNED COUNTERCLOCKWISE UNTIL IT STOPS))**
- **SWITCH POSITION 2: HP 91 OCTANE 242 HOWITZER (1 CLICK CLOCKWISE FROM POS 1)**
- **SWITCH POSITION 3: 275 HP 95 OCTANE BFG (3 CLICKS CLOCKWISE FROM POS 1)**

CLUTCHING: CLUTCH FOR 8100 RPMS – THE TUNE MAKES MORE POWER AND IS SAFER AT 8100 VS 7700

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

***Note:** This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.*



INSTALLATION INSTRUCTIONS

WE'D LOVE TO HEAR FROM YOU - LEAVE A REVIEW & STAY CONNECTED!   