



Quadrajets Electric Choke Conversion, Buick 1968-1974

(Procedure valid for both 68-69 "short" choke bracket and 70-74 "long" choke bracket)

(Choke Arm #s 33165, 38728, 38729, 50728. #37303, 37257)

Tools Required:

- Philips screwdriver
- ¼" socket and driver
- needlenose locking pliers
- Electric drill
- Drill bits 11/64", 9/64", 3/32", 1/16"
- #8-32 tap
- 5/64" allen key
- Loctite threadlocker

Kit Contents:

- Electric choke coil, flat terminal (1)
- locating bracket (1)
- 3" outer ring (1)
- Hex standoffs (2)
- #6-32x.25 php screw (3)
- #6-32x.5 php screw (2)
- #8-32x.188 php screw (3)
- #8-32x.5 set screw (1)
- Plastic Cap (1)

NOTES: Use threadlocker on all threads. PATENT PENDING.

- 1) Clamp locating bracket on OEM choke bracket as shown with locking pliers.



- 2) Run 11/64" drill bit into the locating bracket holes, to centermark their location on the OEM choke bracket

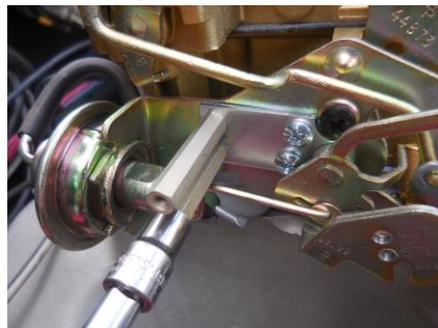


- 3) Put fast idle cam on high step, remove locating bracket and drill centermarks to 9/64"
- 4) Tap the new 9/64" holes #8-32.

- 5) Install locating bracket on OEM choke bracket, using two #8-32x.188" screws.



- 6) Install two hex standoffs onto locating bracket studs, using ¼" socket.



- 7) Look at your choke bracket. If it has both ALT and STD holes, skip to step #15.



- 8) Look at your choke Bracket. If it has ONLY a STD hole, go on to step #9.



- 9) Tap your choke arm's STD hole #8-32.
10) Install plastic cap, outer hole, onto choke arm's tapped STD hole with a #8-32x.188" screw.



- 11) Install outer ring onto hex standoffs using two #6-32x.5" screws. Put choke arm fully down and adjust ring and plastic cap to be as concentric as possible.
12) Centermark the plastic cap's inner hole location on the choke arm with an 11/64" drill bit.



- 13) Remove the outer ring and the plastic cap.
14) Starting with a 1/16" bit, drill the centermark to 9/64" and tap it #8-32. This is your new the ALT hole. Go to step #16.

- 15) Continued from step #7 only: Tap the choke arm's ALT and STD holes #8-32.
16) Using the 5/64" allen key, install #8-32x.5" set screw into STD hole of OEM choke arm, flush with backside.



- 17) Install plastic cap, outer hole, on setscrew and press fully onto arm. Insert #8-32x.188" screw thru inner hole to secure cap to choke arm.



- 18) Install outer ring on hex standoffs using two #6-32x.5" screws.



- 19) Install two #6-32x.250" screws in outer ring, leftmost positions. Mount electric choke coil in place against the two screws, engaging the thermostatic coil's "loop" with the setscrew.
20) Install the third #6-32x.250" screw to hold the electric choke coil in place.



21) Hold the throttle open a little and rotate the electric choke coil Counter Clockwise until the primary choke flap is fully closed on top of the carb. Tighten the three #6-32x1/4 screws to lock the electric choke coil in place.



You will need to provide the electric choke coil with **+12V off a keyed ignition source.**

CAUTION! The Electric choke assembly and outer ring get **HOT** quickly when operating. **DO NOT TOUCH** with bare hands!

Questions? For assistance, please Go to www.everyday-performance.com to see our instructional VIDEOS call 860-218-5780 or email Ken@everyday-performance.com

Two Hole Buick Choke Brackets

38729



38728



50728



33165



One Hole Buick Choke Brackets

37303



37257



PATENT PENDING

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