



## Quadrajets Electric Choke Conversion, Pontiac 1968-1972

(Procedure valid for choke bracket arm #s 34988, 37623, 27678 )

### Tools Required:

- Philips screwdriver
- ¼" wrench, socket and driver
- Needle nose locking pliers
- Electric drill
- Drill bits 11/64, 9/64, 7/64, 3/32, 1/16
- #8-32 tap, #6-32 tap
- 5/64" allen key
- Loctite threadlocker

### Kit Contents:

- Electric choke coil, flat terminal (1)
- Locating bracket (1)
- 3" outer ring (1)
- Hex standoffs 1.375" (2), .375" (1)
- #6-32x.25 php screw (3)
- #6-32x.5 php screw (2)
- #6-32x.188 flathead screw (1)
- #8-32x.188 php screw (2)
- #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 lower locating bracket hole, to centermark its location on the OEM choke bracket



- 3) Put fast idle cam on high step, remove locating bracket and drill centermark to 7/64"

- 4) Tap the new 7/64" hole #6-32.



- 5) Install locating bracket onto OEM choke bracket, using one #6-32x.188" flat head screw in the lower locating bracket hole.

- 6) Run 11/64" drill bit into the upper locating bracket hole, to centermark its location. (You may need to rotate the choke arm upwards)



- 7) Remove locating bracket and drill centermark to 9/64", then tap #8-32.



- 8) Install locating bracket onto OEM choke bracket with one #8-32x.188 php screw in the upper hole and one #6-32x.188 flat head screw in the lower hole.



- 9) Drill the OEM choke rod hole 9/64" & tap #8-32.

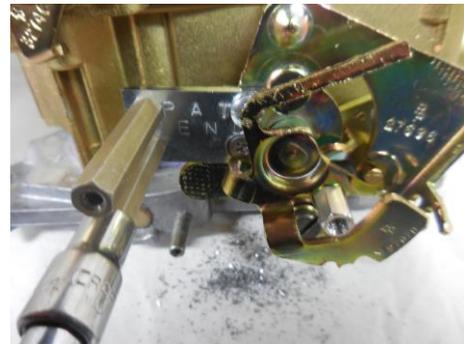


- 10) Using 1/4" socket and wrench, Install .375" standoff in the OEM choke rod hole. This may be a tight fit. You can provide clearance using a flat screwdriver to pry as shown.

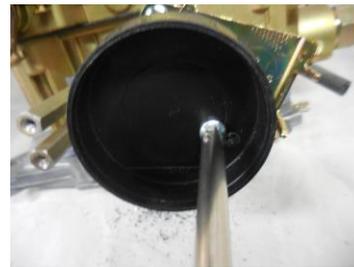
**IMPORTANT:** Bend the choke arm as little as needed to fit the .375" standoff.



- 11) Install two 1.375" hex standoffs onto locating bracket studs, using 1/4" socket.



- 12) Install plastic cap, inner hole, onto .375" standoff with a #8-32x.188" screw.



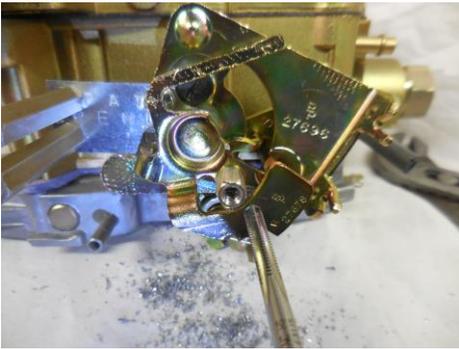
- 13) Install outer ring onto hex standoffs using two #6-32x.5" screws. Put choke arm fully down and adjust ring and plastic cap to be as concentric as possible.



- 14) Centermark the plastic cap's outer hole location on the choke arm with an 11/64" drill bit.



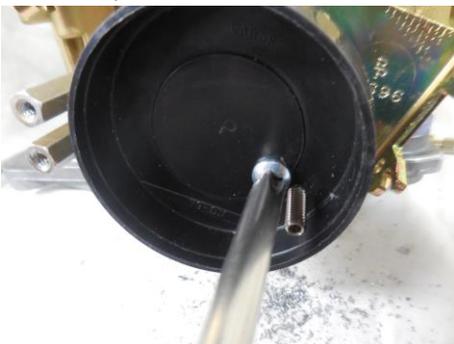
- 15) Remove the outer ring and the plastic cap.  
16) Starting with a 1/16" bit, drill the choke arm centermark to 9/64" and tap it #8-32.



- 17) Using the 5/64" allen key, install #8-32x.5" set screw into the hole you just tapped, flush with backside.



- 18) Install plastic cap, outer hole, on setscrew and press fully onto arm. Insert #8-32x.188" screw thru inner hole and into the .375" standoff to secure cap to OEM choke arm.



- 19) Install outer ring on 1.375" hex standoffs using two #6-32x.5" screws.



- 20) 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.  
21) Install the third #6-32x.250" screw to hold the electric choke coil in place.



- 22) 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](http://www.everyday-performance.com) to see  
our instructional VIDEO  
call 860-218-5780 or  
email [Ken@everyday-performance.com](mailto:Ken@everyday-performance.com)

## **1968-71 Pontiac Choke Brackets**

34988



37623



27678



PATENT PENDING  
All rights reserved  
Copyright 2/3/16 Everyday Performance LLC