



## Quadrajets Electric Choke Conversion, Cadillac 1969-1974

(Procedure valid for Cadillac Choke Arm #s 37647, 38308, 30525)

### 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) NOTE: If your choke setup has a secondary pulloff and/or a flange on the back of the choke bracket, they must be permanently removed!



- 2) Clamp locating bracket in place as shown.



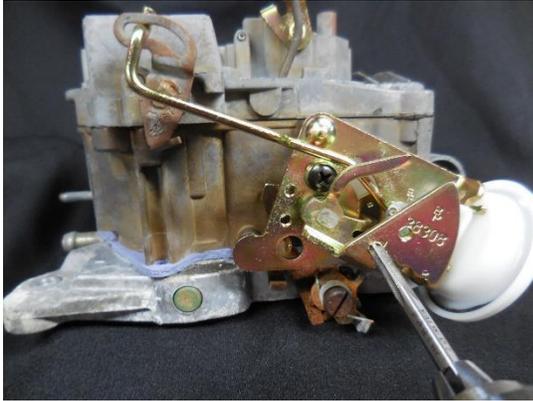
- 3) Run 11/64" drill bit into the locating bracket holes, to centermark their location on the OEM choke bracket



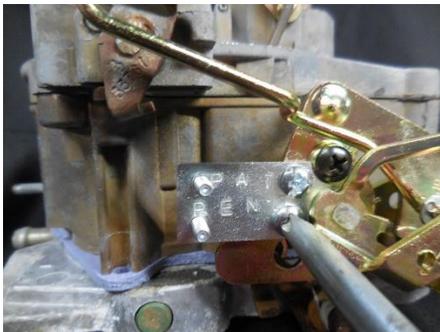
- 4) Drill choke rod hole on choke arm to 9/64"



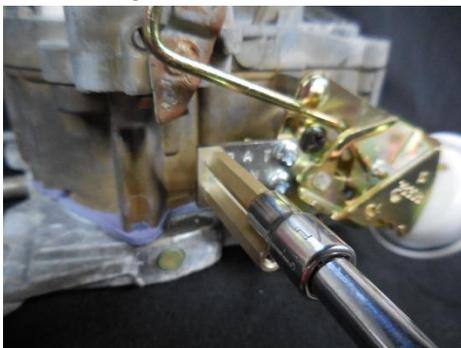
- 5) Put fast idle cam on high step. Remove locating bracket and drill two centermarks to 9/64".
- 6) Tap the three 9/64" holes #8-32.



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



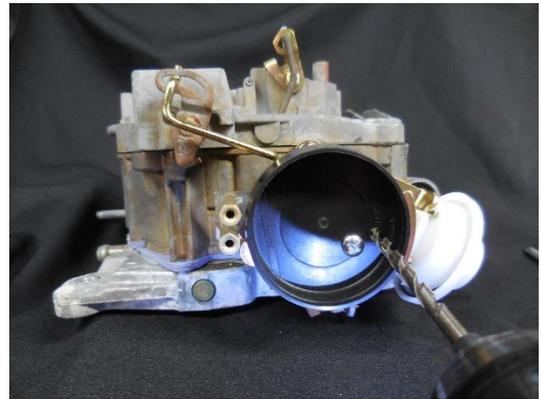
- 8) Install two hex standoffs onto locating bracket studs, using 1/4" socket.



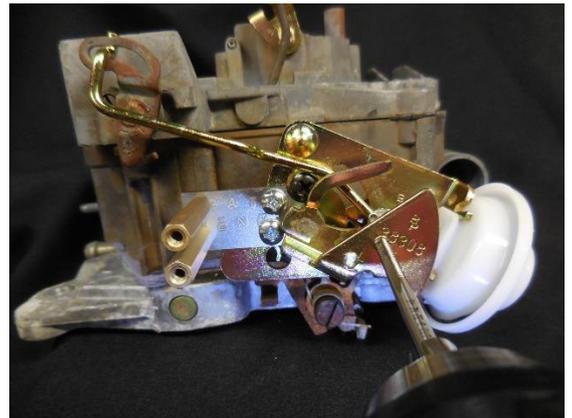
- 9) Install plastic cap, inner hole, onto choke arm's tapped hole with a #8-32x.188" screw, snug.



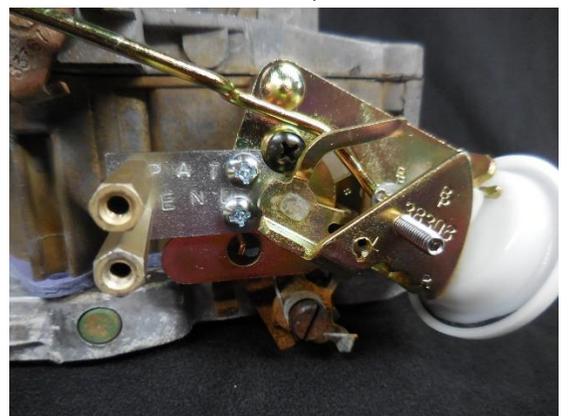
- 10) Install the outer ring with two #6-32x.5 screws. Put choke arm fully down and adjust plastic cap and outer ring as concentric as possible.
- 11) Remove outer ring and centermark the plastic cap's outer hole location on the choke arm with an 11/64" drill bit. Remove Plastic cap.



- 12) Starting with a 1/16" bit, drill the centermark to 9/64" and tap it #8-32.



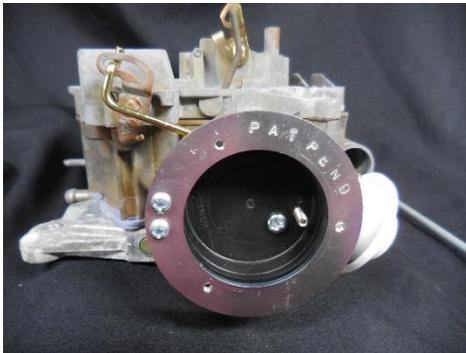
- 13) Using the 5/64" allen key, install #8-32x.5" set screw into this outer hole, flush with backside.



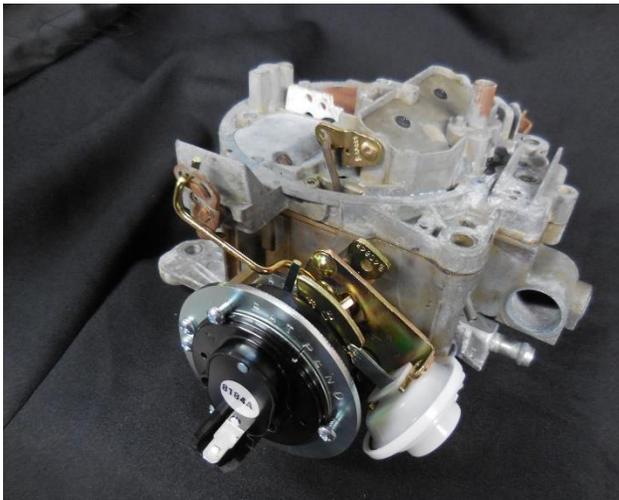
- 14) Install plastic cap, outer hole, on setscrew and press fully onto arm. Insert #8-32x.188" screw thru inner hole to secure cap to choke arm.



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



- 16) 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.
- 17) Install the third #6-32x.250" screw to hold the electric choke coil in place.
- 18) 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.



**NOTE:** You 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 call 860-218-5780 or email [Ken@everyday-performance.com](mailto:Ken@everyday-performance.com)

## Cadillac Choke Brackets

37647 (note the flange that must be removed)



38308



30525



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