

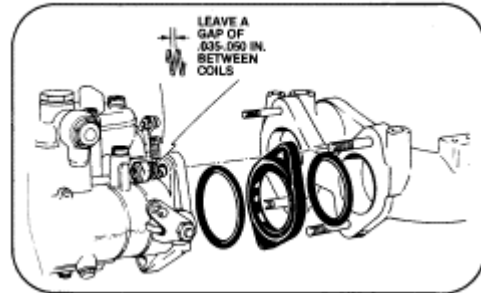
DCOE ADJUSTMENT LAYOUT TYPICAL INSTALL



SOFT MOUNT O-RING

MOUNT KIT

The soft mount and o-ring system of mounting the DCOE carb is preferable to solid mount due to the horizontal configuration of carburetor. The engine harmonics can cause fuel foaming or frothing dictating the soft or non solid mounting for better provides better fuel control at high rpm.

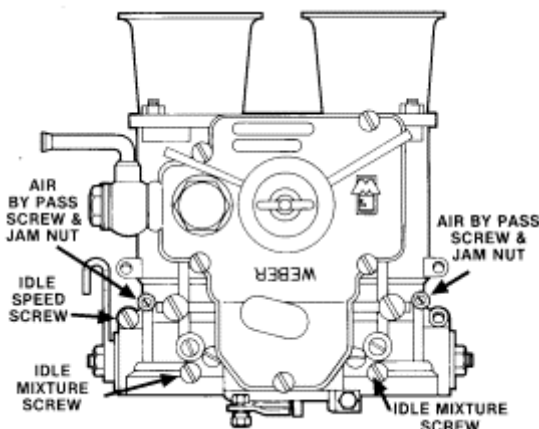


Part number

KC040 Fits 38-42 DCOE

KC045 Fits 45-48 DCOE

DCOE Adjustment controls



Tuning & Adjustment

1. Critical!! Be sure for initial carburetor set up all air by-pass screws should be in closed position. These are not commonly used in standard carburetor adjustment.
2. Set the idle speed screw at $\frac{1}{4}$ to $\frac{1}{2}$ turn in after contact with throttle lever. When using multiple carburetors all linkages should be disconnected. All carbs should be bench adjusted to same setting.
3. Set the idle mixture screw to one turn out from lightly seated. When checking the seated position to make only light contact with seat, aggressive seating will damage needle and seat of carburettor,

4. Start engine as long as engine starts and runs do not set up idle speed first. First adjustment if possible should be to find smoothest idle with each mixture screw on all carburetors. Some prefer to do one barrel of each carburetor then come back and do the second barrel
5. After preliminary lean best setting of idle. Check carburetors for synchronization. Commonly done by checking lead or front barrel of each carburetor.
6. You will always want to bring high flow carburetor down to match the low flow carburetor. If this cannot be done you will need to recheck bench assembly for binding throttle in high flow carb. Once you have matched both carburetors you will need to set the idle to the desired idle speed setting. This will be done by adjusting both carbs up or down the same amount and re checking for synchronization.
7. Make one last check of lean best (smoothest running position) idle on all mixture screws one last time.
8. Best idle should end up with the mixture screws at or near one turn off seat. Check rule of thumb for idle jet selection in Weber basic idle adjustment instruction.