

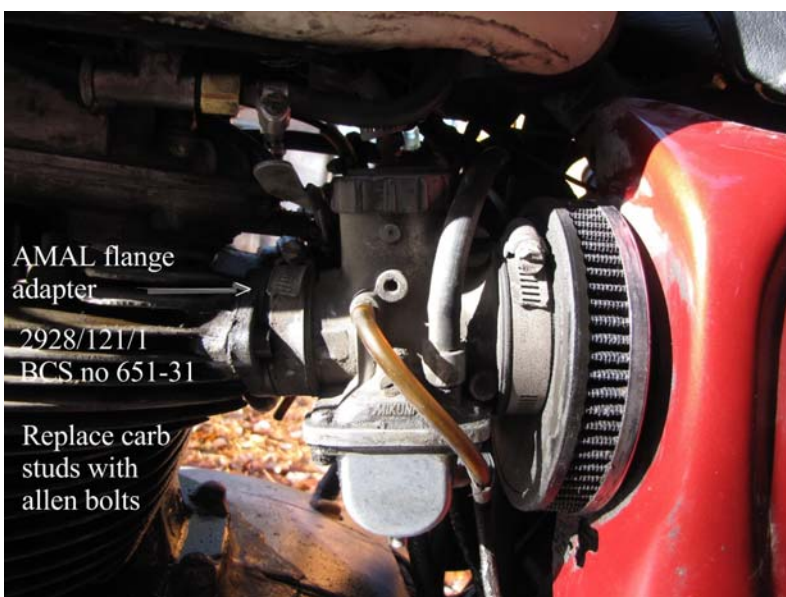
Fitting Mikunis to BSA Lightning

Remove Amal carb studs. Fit Amal flange adapter, BCS part 651-31 (for 30mm Mikunis) using Allen head bolts 5/16" B.S.C./B.S.F. x 3/4" (They must be shorter than the stock studs) to attach the flange. Push Mikuni carb spigot into flange. Fit narrow offset K&N filter BCS part 633-RC1950/A a/c Mk2&Mikuni thin. These will fit into the space occupied by the smaller Amal carbs and filters without any modification to the frame or sidecovers. I fitted Doherty carb cables which provide nice action.

This carb modification, coupled the addition of a high output Dyna coil and wide gap Iridium spark plugs increased power significantly. My indicated top speed jumped from 114 mph to 125 mph. Of more interest, the engine vibration, decreased by 50%. From 3500 rpm to redline my mirrors were vibration free for the first time; vibration at the handgrips and seat dropped dramatically; mileage increased by 20%. The exhaust note changed as well, all indicating a more thorough and smoother combustion process. Earl M



633-RC1950/A



651-31

British Cycle Supply

USA Tel: (201) 880-0366 | info@britcycle.com | Fax (902) 542-7479 | Canadian Tel: (902) 542-7478