

OMARS FIBERGLASS COMPANY

EXHAUST INSTRUCTIONS

CB450 EXHAUST

You will find this megaphone reasonably quiet. The core is straight through with rearward facing louvers oriented in a spiral pattern. The packing is stainless steel wool, which never needs repacking. If you want even quieter pipes you can order a slip-in pipe baffle. It inserts into the rear 'Y' pipe. From reports, the baffle reduces performance.

This system was designed to be used with rear sets, it may fit the stock pegs. It was configured to clear oil drain plug and center stand (I'm a big believer in center stands-they make working on the bike so much easier).

Let's get into it. Your pipes were made from a jig. Mounting points may vary slightly on some frames. If the pipes don't line up

- A. Grind a wee bit off edge of the head pipe.
- B. Enlarge/elongate mounting holes, or
- C. Tweak mount bracket. And don't forget to tighten all nuts, bolts and clamps with LocTite.

Instructions: Trial fit before painting.

1. Install new head gaskets-now's the time
2. Using Honda Star-burst flange and two half spacers, install header pipes loosely
3. Install 'Y' pipe loosely
4. Attach megaphone mount to megaphone.
5. Attach megaphone to the inside of the frame's exhaust bracket. You don't have to attach the springs at this point. Now take it all apart for painting
6. Everything fit okay?

Painting

Remove any grease-wash with mild soap, swab with grease remover and dry with clean cloth. Remove all dings, scratches and the little bender clamping teeth marks with abrasive discs (in the area of 220-320 grit) in a hand drill if I have not already done so. We've included a can of high temp paint with ceramic formula. Spray at temps between 50 and 85 degrees. Paint when humidity is less than 50%. Shake can until ball rattles. Swirl ball on bottom for 2 minutes. Shake can before and after each minute of use. Apply three or more thin coats from 12"-16". **This paint formula runs like crazy.** Allow to dry between coats. Let cure overnight. Install exhaust system with springs this time. Use paint to touch up the scratches you made.

This paint is real soft until it cures. Exhaust heat cures the paint. Don't be alarmed with the smoke from curing-it goes away in a few minutes. If you can pre-cure (pre-harden) all parts in an oven before installing, there will less chance of scratching the finish.

Powder Coating

High temp ceramic powder coating lasts much longer than a spray can job. Jet Hot is good powder coat supplier.

Plating

If you decide to have these pipes chromed tell your chrome shop that the metal is aluminized. Deliver to your chrome shop without clamps. Our pipes are single wall so over time the header pipes will turn blue which means periodically you'll have to polish the pipes with Simachrome or chrome polish. Tell the chromer to plug both ends of the megaphones and tie weights to them to submerge in plating tank. You definitely do not want plating solution in the stainless steel wool sound absorbing material.

Jetting

Customer Rob Bowen (who installed the first 450 pipe) passes along these jetting instructions.

Jetting for sea level (you must compensate for you elevation)

Stock engine -130 main jets with stock exhaust and stock air cleaner boxes

Stock engine w/ omar pipes - variable not tested

Mod engine -135 main jets (Porting, big 73mm pistons, stock exhaust, no air cleaners)

Mod engine w/ omar pipes -140 main jets