Isolate the area to be repaired. Remove the glaze and bevel (45 degrees) the porcelain around the area to be repaired. Sandblast or abrade with a coarse diamond bur. Rinse with water and air dry.

Place Barrier Gel on the gingival tissue and porcelain to protect areas where etching is not desired.

Apply 9.5% Porcelain Etchant to the dry porcelain surface for 90 seconds. Suction the etchant with high volume evacuation, then rinse with water and air dry. The etched porcelain should appear dull and frosty.

If metal masking is required, use Dual-Cured Opaquer Base and Catalyst, one drop of each, onto a mixing pad and mix with a brush tip. Apply a thin coat of the mixture only to the metal surface. allow to self cure, or light cure for 5 seconds.

Apply a thin layer of Porcelain Bonding Resin to the repair site. Apply a hybrid composite (i.e. Aelite™ All-Purpose Body) to replace fractured porcelain and light cure, finish/polish.

Optional: Place Bis-Cover™ LV to seal and glaze the composite.

Apply 1 coat of silane (Porcelain Primer) to the etched porcelain and allow to dwell for 30 seconds. Dry with (warm) air syringe.

Apply 1 coat of Z-Prime™ Plus to the exposed metal/zirconia/alumina and dry with an air syringe for 3-5 seconds.