



# Service Bulletin SB0055

**Date:** April 2003  
**From:** Capstone Technical Support  
**Subject:** Fuel Injector Replacement – Model C30 MicroTurbine

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## Affected

All Model C30 MicroTurbine systems supplied by Capstone Turbine Corporation®.

## Safety Precautions

Only Capstone Authorized Serviced Providers (ASP's) should open the MicroTurbine and other equipment connected to the MicroTurbine. The systems can include multiple sources of power. The fuel used by the MicroTurbine is flammable and explosive. Keep flames, cigarettes, sparks, and electrical arc-producing equipment away from the Microturbine. Observe and adhere to the Safety Instructions contained within the MicroTurbine documentation.

## Summary

On the Model C30 MicroTurbine systems, it may sometimes be necessary to replace all three fuel injectors. However, removing all three injectors at the same time may cause combustor displacement inside the engine that may result in engine/injector damage and/or power and efficiency loss.

Capstone requires that the injectors be removed and replaced ONE INJECTOR AT A TIME. This may be done using the Gaseous Fuel Injector Replacement Work Instructions (440006) or Liquid Fuel Injector Replacement Work Instructions (440007). For example, remove injector #1 first, and replace it with a new injector. Then remove and replace injector #2. Finally, remove and replace injector #3.

### CAUTION

The sequence of injector removal and replacement is not important. However, it is important to remove and replace ONE INJECTOR AT A TIME.

## Responsibility

It is the responsibility of Capstone to provide this service bulletin to the Authorized Service Providers.

It is the responsibility of the Authorized Service Providers to read and understand this document.

It is the responsibility of the Authorized Service Providers to provide Capstone with a Field Service Report upon completion of the replacement procedures.

## Capstone Technical Support

If you have additional questions, please contact:

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