

ABSTRACT

This application provides an inner compressor casing suspension device for lifting an inner compressor casing-inner diffuser casing assembly within an outer compressor casing. The inner compressor casing suspension device may include one or more forward inner compressor casing suspension devices extending from the outer compressor casing to the inner compressor casing-inner diffuser casing assembly with each of the one or more forward inner compressor casing suspension devices including a C-clamp and a forward lifting device, and one or more aft inner compressor casing suspension devices extending from the outer compressor casing to the inner compressor casing-inner diffuser casing assembly with each of the one or more aft inner compressor casing suspension devices including an aft lifting device.

[Figure 4]