

Gas Spring Seat Recline Lock for Aircraft Seats

Enidine Gas Seat Lock Application

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Product Overview

ITT Enidine Inc. is pleased to announce the introduction of our Gas Spring Seat Recline Locks. The gas spring locks offer OEMs, MROs and airlines an innovative, lightweight and cost effective solution for seat recline and leg rest requirements.

Application Opportunity

An aircraft seat OEM is designing an executive seat for a wide body jet. The aircraft manufacturer is conscious of the overall weight of the aircraft. The seat OEM is interested in offering seats with lightweight recline locks to reduce the overall weight of the executive seats.

Features & Benefits of Gas Spring Seat Recline Locks:

- 125,000+ cycle life
- 2000 lb. compression load capability
- 2000 lb. tensile load capability
- Infinite stroke adjustment
- Stroke ranges up to 5"
- Drop-in replacement for existing recline locks

Product Solution

ITT Enidine Inc. was approached by the seat OEM to design a lightweight seat recline lock to compliment its existing line of hydraulic UltraLOC™ seat locks. ITT Enidine Inc. was able to leverage its existing knowledge of gas springs to develop a Gas Spring Seat Recline Lock for the seat OEM. Research and innovation allows ITT Enidine Inc. to continuously meet the business needs of its customers.

Product Results

ITT Enidine Inc.'s design concept and product development proved successful. ITT Enidine Inc. Gas Spring Seat Recline Locks are developed with the longest service life expectancy and superior ultimate load design. The gas spring locks are easy to install and allow the user to adjust stroke without tools. ITT Enidine Inc. has an impeccable reputation in the aviation industry of producing high-quality reliable seat recline locks. The Gas Spring Seat Recline Lock is another reliable solution matching the quality of the entire ITT Enidine Inc. product family.

