

## ITT Enidine Inc. AR-15 AR-restor™ On Target With Improved Performance | Enidine Rate Control Application

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### Product Overview

The AR-15 (M4) assault rifle is the weapon of choice for law enforcement agencies and sportsmen alike. The weapon is known for its versatility, reliability, and economy. Unfortunately, multiple firing modes, ammunition loads, and a wide range of available accessories can aggravate “muzzle rise” and compromise the true performance achievable with this firearm.

### Product Solution

ITT Enidine Inc., a market leader in hydraulic energy absorbers for the defense and aerospace industries manufactures hydraulic recoil buffers currently employed in many US and NATO forces automatic weapons. These buffers have a proven history of performance benefits to the user such as improved accuracy and target acquisition, recoil reduction, and lower firing rates. Now, ITT Enidine Inc. has focused our experience to provide the same results for the AR-15 (M4) family of weapons.

The ITT Enidine Inc. AR-restor™ is a hydraulic rate/recoil-reducing buffer offering a direct “drop-in” replacement for existing mechanical buffers. It offers significant benefits utilizing the power of hydraulics to help minimize the effects of “muzzle rise” and produce the maximum performance results from these weapons.

### Application Opportunity

ITT Enidine Inc.’s Rotary Hinge Dampers have been flying on numerous commercial aircraft models for many years. To date, the airframe manufacturers, stowage bin OEMs and airline passengers have all been extremely pleased with the performance of the rotary hinges. Due to the initial success, ITT Enidine Inc. is designing additional hinges for several newer aircraft interiors soon to be in service. ITT Enidine Inc. hinges are available for new interiors as well as for use in refurbishment programs. Additionally, the rotary hinge dampers may be used on non-aerospace applications, such as cabinet doors and lids, where rotary actuation is required.



ITT Enidine Inc.  
Ar-15 AR-restor™  
Hydraulic Buffer

#### Features & Benefits of AR-15 AR-restor™:

- Drop-in replacement
- Reduce felt recoil
- Improve accuracy
- Control firing rate
- Suppress Bolt Bounce
- Protect Optics