



TECHNICAL BULLETIN

SUBJECT: R7A and R8H Remote Actuator Disposal Instruction

This bulletin provides instruction for proper disposal of MGM Brakes R7A and R8H remote actuators.



WARNING - Before performing any work on the vehicle's air brake system, or any pressurized component, understand and follow the vehicle manufacturer's recommendations for placing the vehicle in a safe working condition.

WARNING - Do not attempt to remove or install any brake actuator until you understand the recommended procedure. Use only the proper tools and observe all precautions pertaining to the use of those tools.

WARNING – Always wear appropriate personal protection equipment (PPE) when performing inspections and maintenance.

WARNING - Always block wheels to prevent vehicle rollaway when performing any brake inspection or maintenance.

WARNING - Replace any damaged or failed brake actuator with an approved replacement brake actuator of the same size, and type as originally installed on the vehicle.

WARNING - There are no user-serviceable parts inside the spring brake chamber. If you experience any damage or failure of your spring brake chamber, remove the entire actuator per vehicle manufacturer's instructions. Never attempt to disassemble the spring brake chamber as serious personal injury could result from accidental sudden release of the high energy spring.

Contact MGM Brakes Customer Service at (800) 527-1534 ext. 6021 for product questions and technical support.

Service bulletins are available on www.mgmbreaks.com



TECHNICAL BULLETIN

SUBJECT: R7A and R8H Remote Actuator Disposal Instruction

The brake actuator chamber includes powerful high energy parking springs that output as much as 570 lb [2.5 kN] force. Refuse and scrap operations can crush and cut debris which could result in the parking spring becoming a projectile if disposed as an operational assembly. It is essential that all retired spring brake actuators be safely disarmed prior to disposal to prevent serious personal injury.

The actuator spring chamber must be disarmed by cutting at least two parking spring coils of both springs while the springs are retained in the actuator chamber assembly. Special tools and training are required to perform this operation.



WARNING – Properly disarm spring brake actuators prior to disposal to prevent personal injury.

WARNING - Never attempt to separate the parking spring chamber housing, which contains the power springs.

WARNING – Understand and observe all safety precautions and instructions for proper use of cutting tools.

WARNING – Always wear appropriate personal protection equipment (PPE) when disarming spring brake actuators.

WARNING – It is the user's responsibility to ensure the disarming container and tools are safe and suitable for the operation. The container MUST be strong enough to retain the actuator components and springs in the event that the actuator suddenly separates during the cutting operation. The container must have access holes to allow cutting of the actuator.

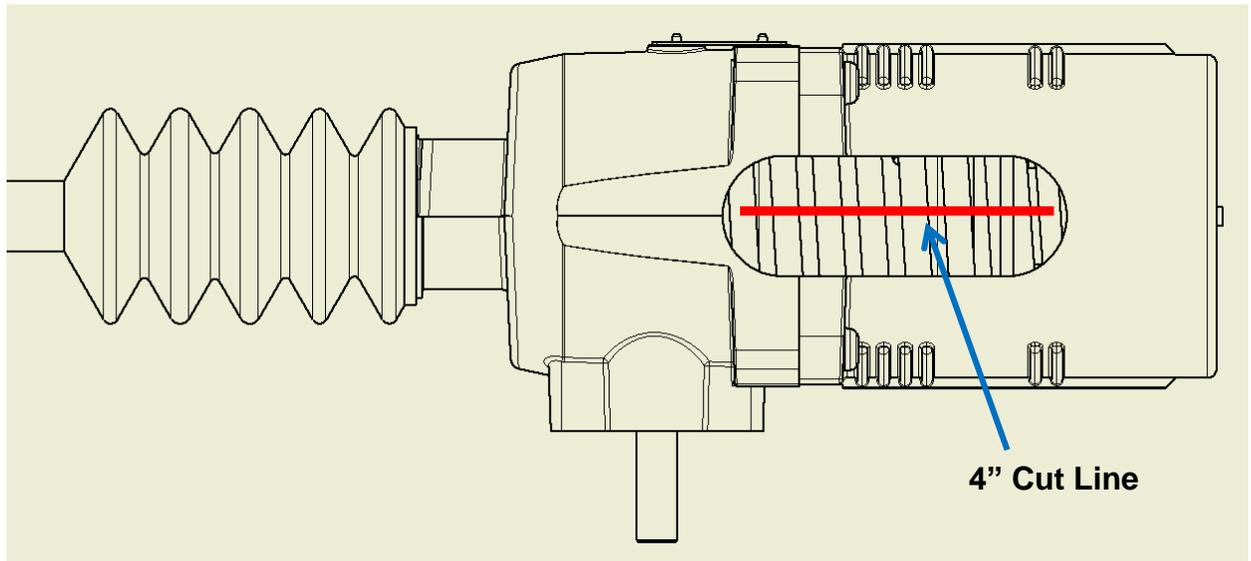
- Ensure the actuator is removed from the vehicle following instructions from the OEM vehicle manufacturer.
- Remove the hydraulic cartridge from brake assembly (R8H only) and properly dispose following local refuse and scrap regulations.
- Place actuator in the disarming container. Ensure the access door is completely closed and locked per the manufacturer's recommendations. Orient the actuator so the side of the spring chamber housing is accessible through the container access holes.



TECHNICAL BULLETIN

SUBJECT: R7A and R8H Remote Actuator Disposal Instruction

- The actuator spring chamber must be disarmed by cutting at least two parking spring coils of both springs while in the actuator chamber assembly. There is an outer spring, aluminum spring guide and inner spring which must be cut through. Reference the figure below to cut a slot approximately 4 inches in length in the location shown. Special tools and training are required to perform this operation.



- Allow the actuator to cool prior to removal from the disarming container.
- Properly dispose of the actuator following local refuse and scrap regulations.



WARNING – It is the user's responsibility to ensure actuator is completely disarmed and safe prior to disposal.

THIS DOCUMENT IS THE PROPERTY OF MGM BRAKES, DIVISION OF INDIAN HEAD INDUSTRIES INC. AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY MGM BRAKES.