

Remote Mount Cylinders

Pull Type

SAAR & SAHR Driveline Brakes...

**SAHR Model
Spring Applied
Hydraulic Release**



**SAAR Model
Spring Applied
Air Release**



**New to
our line of
remote
cylinders**

Compact Design, Light Weight!



MGM Brakes

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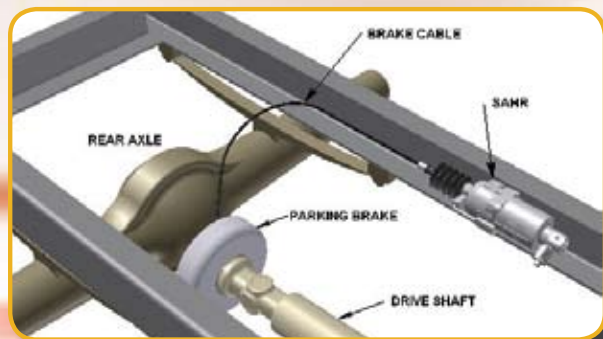
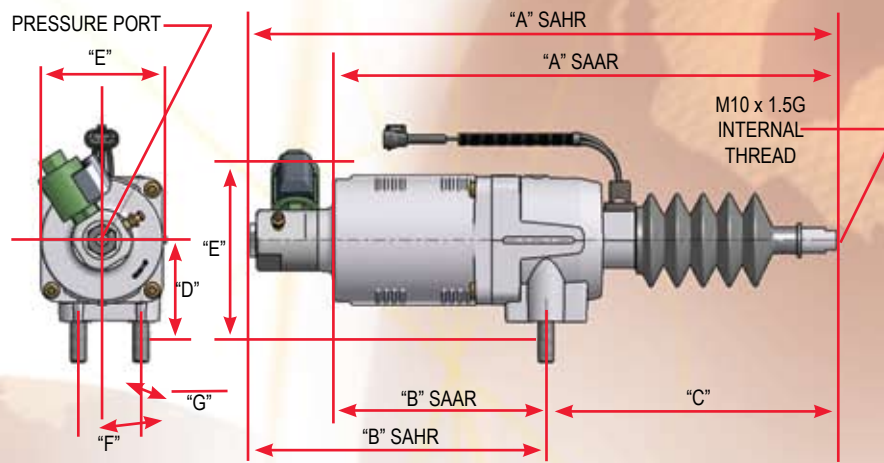
Form 5089

R7/R8 Series

Pull Type

Developed to enhance our series...

The R7A Spring Applied Air Released (SAAR) and R8H Spring Applied Hydraulic Released (SAHR) Remote Mount Cylinders were designed and developed by MGM Engineering as an alternative to the manually operated "adjustable" hand-brake lever used to apply and release the "drive-line" parking brakes on school buses and other medium duty chassis. Recognizing the problems associated with the "adjustable" manually operated lever system, the R7A and R8H were developed to provide a secure "tamper resistant" means of applying and releasing the brake.



ABOVE: The SAAR and SAHR are compact, light-weight remote-mount cylinders that can easily be installed close to the drive-line parking brake mechanism. Unlike "lever" operated parking brakes, where adjustments are made by turning the knob on top of the lever, brake adjustments are made by tightening or releasing the cable where it connects to the cylinder, under the vehicle, thus eliminating inadvertent adjustments to cable tension. The "applied/release" function is controlled by the use of a dash mounted on/off "switch". An optional electronic "travel" sensor provides the operator, by means of a dash mounted warning light, and/or buzzer, with information pertaining to the position of the push rod – "applied" or "released".

Model	SAAR	SAHR
Series	R7A	R8H
Part Number	5007001	5008001
Stroke of Unit	2.75 min (69.8 mm)	2.75 min (69.8 mm)
Normal Stroke	2.85 ± .10 in. (73.4 ± 2.5 mm)	2.85 ± .10 in. (73.4 ± 2.5 mm)
Operating Pressure	130 PSI (9.0 Bar)	2320 PSI (160 Bar)
Temperature Range	-40°F/+190° F (-40° C/+ 87.8° C)	-40° F/+190° F (-40° C/+ 88° C)
Weight – estimated	6.91 lbs. (3.13 KG)	10 lbs. (4.53 KG)
A	15.46 in. (392.7 mm)	18.08 in. (459.2 mm)
B	6.51 in (165.4 mm)	9.10 in. (227.3 mm)
C	8.94 in. (227.0 mm)	
D	2.50 in. (63.5 mm)	
E	4.50 in. (114.3 mm)	
F	1.93 in. (49.0 mm)	
G	1.20 in. (30.5mm)	



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Product information and specifications subject to change without notice.