

# G2M™ Door Operator Upgrade

Elevator  
Performance  
Enhancements

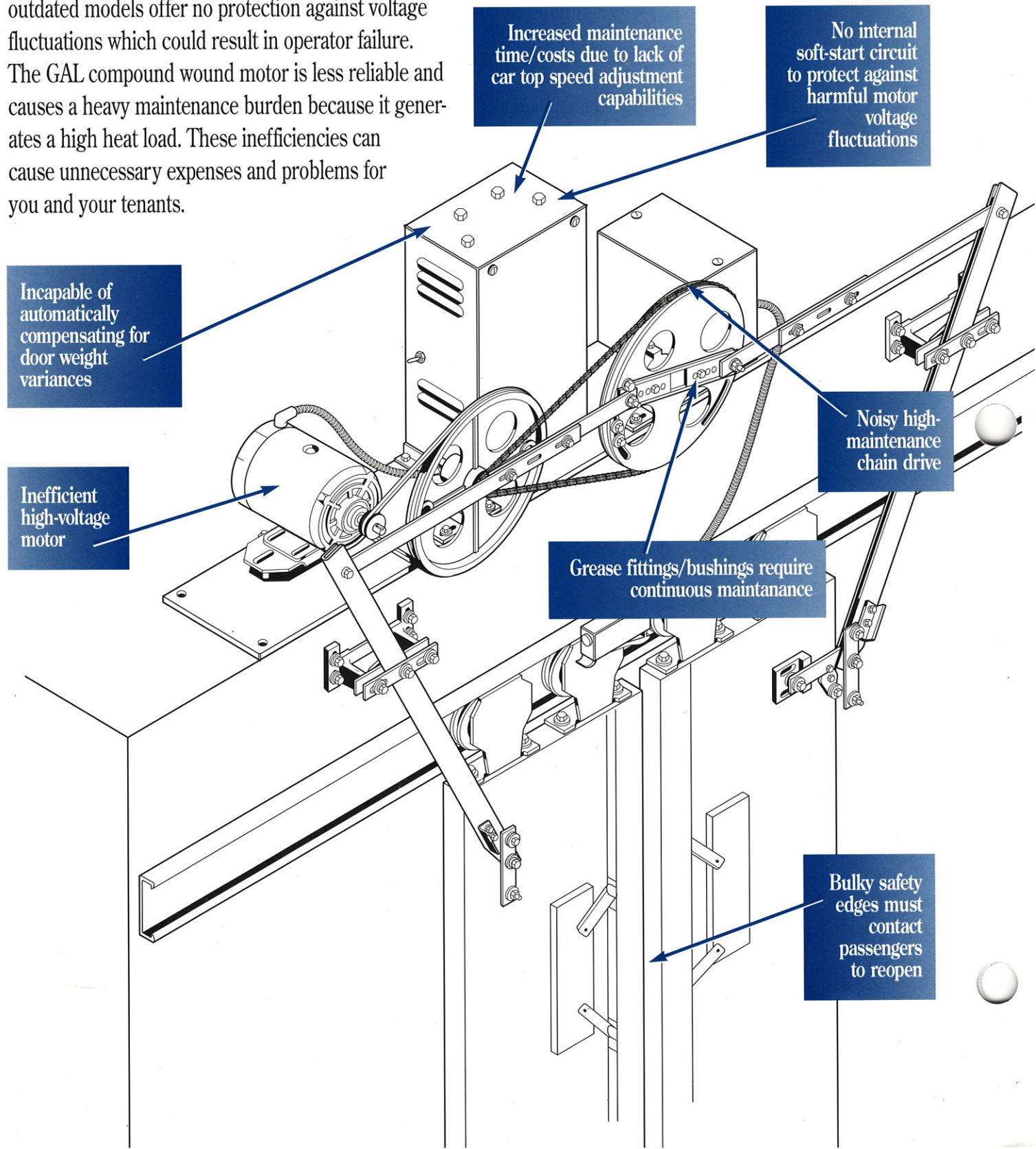




## The present situation...

Your existing elevator may be equipped with a GAL door operator system that incorporates outdated technology, which may mean inefficient operation and unnecessary expenses. With the GAL operator, periodic speed adjustments must be made to resistors which is a time-consuming trial and error process. Older door operators do not automatically compensate for door weight variances which can cause erratic operation from floor to floor. These outdated models offer no protection against voltage fluctuations which could result in operator failure. The GAL compound wound motor is less reliable and causes a heavy maintenance burden because it generates a high heat load. These inefficiencies can cause unnecessary expenses and problems for you and your tenants.

*Elevator industry studies reflect that over 70% of all elevator shutdowns are related to door system malfunctions.*





## The solution is...a **G2M™** Door Operator

The G2M™ Door Operator Upgrade uses a MAC PMSSC door control that can be easily adapted to GAL door operator systems. The G2M™ door operator was designed to eliminate the problems of outdated GAL door systems, reduce maintenance/operating costs and provide superior door operation without complete replacement. MAC'S PMSSC series door operators feature exceptionally smooth acceleration/deceleration "softstart" circuitry. This solid state control provides uniform door speed transitions. Another speed-regulation feature automatically compensates for differences in door weights, producing consistent operation from floor to floor. Maintenance time is minimized as speed adjustments are quick and easy from the car top through the use of L.E.D. indicators. Sealed bearings and a cool operating DC permanent magnet motor extend the life of your door operator and reduce maintenance time. These features significantly reduce shutdowns to ensure passenger safety, comfort and convenience.

All speed adjustments are performed quickly on the car top, with the guidance of L.E.D. indicators

An internal solid state timer will remove power to protect the motor from overheating, if the doors don't fully open or close within a preset time

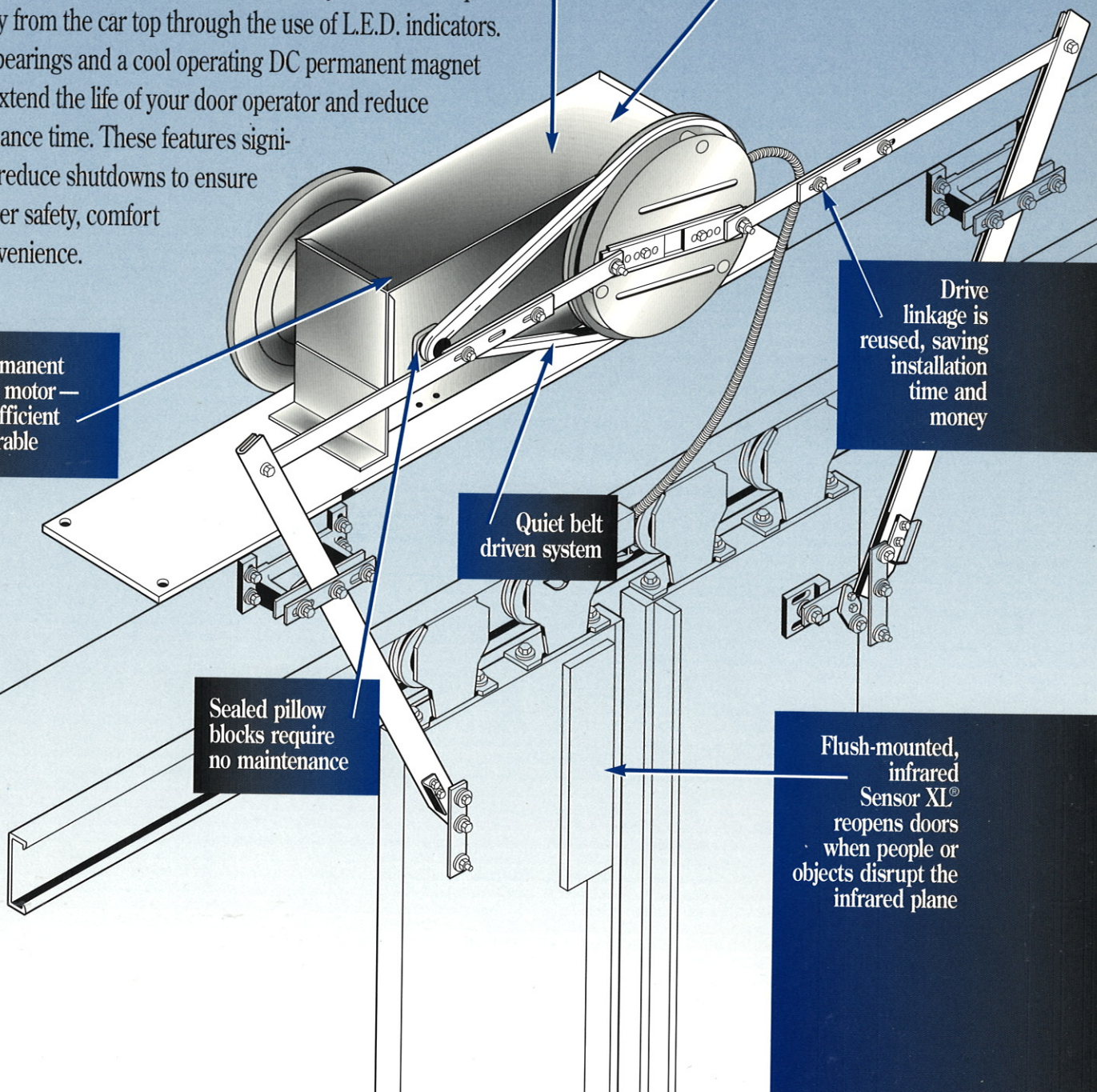
DC permanent magnet motor — quiet, efficient and durable

Quiet belt driven system

Drive linkage is reused, saving installation time and money

Sealed pillow blocks require no maintenance

Flush-mounted, infrared Sensor XL® reopens doors when people or objects disrupt the infrared plane





# G2M™ Door Operator Upgrade

## G2M™ Door Operator System

- May be applied to relay or microprocessor logic control systems.
- Will offer significant savings over complete door system replacement.
- Offers modular upgrades allowing replacement of hangers, tracks, pickup assemblies, etc., at a later time.
- Provides the most sophisticated door control technology available.

**W**e want to enhance the performance of your elevator system. Call the MAC toll free action line (800-343-3344) to get more information on upgrading your existing door operator system.

*All MAC door operator packages are capable of achieving and maintaining the most stringent performance times recommended by industry consultants.*



## MOLINE ACCESSORIES COMPANY

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