



SAF ●

SAF CBX40 AEROBEAM WITH AUTO-POSILIFT

SUSPENSION AXLE LIFT SYSTEM THAT BRINGS
SIGNIFICANT FUEL AND TIRE SAVINGS



SIGNIFICANT FUEL AND TIRE SAVINGS FOR VARYING LOAD FLEET OPERATIONS

AUTO-POSILIFT™ BENEFITS YOUR BOTTOM LINE

- Up to 1% fuel mileage savings when axle is lifted
- Increased tire life and reduced tire scrub
- No driver interaction required
- Reduction in toll fees
- Increased suspension component life
- Longer wheel end service intervals

FULLY AUTOMATED SYSTEM; NO DRIVER INTERACTION REQUIRED

TRACTOR POWER ON

With the power on and trailer parking brakes released (no vehicle motion required) the system's pressure sensor in the air valving system reads the air spring pressure and determines to automatically raise the front axle or leave the front axle in the down position.

TRACTOR POWER OFF

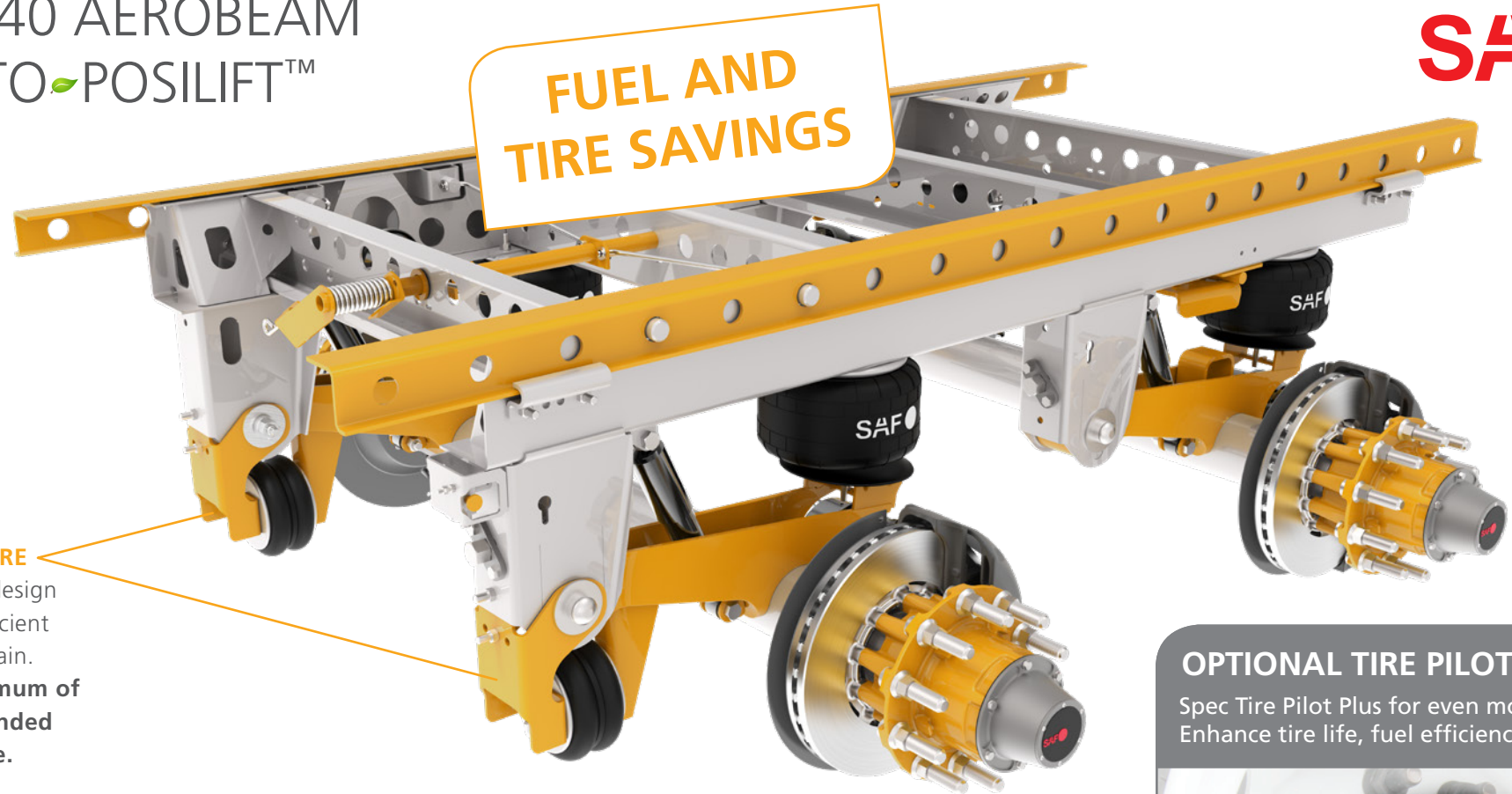
With the tractor power off, or the trailer parking brakes engaged, the system automatically deploys the front axle to the down position.

VEHICLE IN TRANSIT

When the vehicle is in motion, the position of the front axle will remain constant (either up or down). In the event of a loss of power, the front axle will automatically deploy to the down position.

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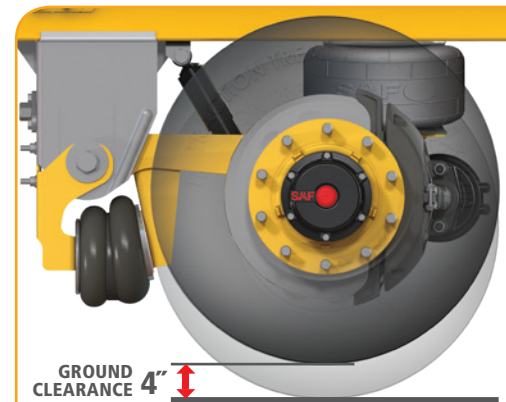
FUEL AND TIRE SAVINGS



POSILIFT™ LIFT AXLE FEATURE

Simple, compact design is lightweight, efficient and easy to maintain.

Provides 4" minimum of lift for recommended ground clearance.



GROUND CLEARANCE 4"

The Auto-PosiLift™ feature is programmed to automatically lift the front axle when the system senses that only one axle is necessary to carry the load.

OPTIONAL TIRE PILOT PLUS™

Spec Tire Pilot Plus for even more savings – Enhance tire life, fuel efficiency and uptime.



Spec the Auto-PosiLift™ system – tested and proven to provide up to a 1% fuel savings!*

The Auto-PosiLift combines the proven PosiLift feature with a unique electronic control unit (ECU) and valve system. This arrangement blends the brain and the brawn to increase your fleet efficiency.

TRACTOR POWER OFF AND/OR PARKING BRAKES ENGAGED



Both Axles Down

With Power On and Brakes Released, the Air System Sensor/Valve Automatically Positions the Front Axle

TRACTOR POWER ON AND PARKING BRAKES RELEASED



Load > 18k Both Axles Down



Load < 18k Front Axle Up

PATENT NUMBER – US 8,695,998 B1



Auto-PosiLift is ideal for beverage distribution, LTL (less than truck load), food service and most multi-stop fleets.



TRAILER AXLES AND
SUSPENSION SYSTEMS



COUPLING AND
LIFTING SYSTEMS



SUSPENSIONS FOR
TRUCKS AND BUSES



SUSPENSIONS AND
AXLE SYSTEMS



BUS AIR SUSPENSION
SYSTEMS



V. ORLANDI
TOWING
SYSTEMS



TRAILER AXLES/SUSPENSIONS,
COUPLING AND LIFTING
SYSTEMS

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