



**DRIVEN BY POSSIBILITY™**



**FLEET AND HEAVY-DUTY**

# **BUS BELT TENSIONER SOLUTION**



## **BREAKTHROUGH SOLUTION FOR BUS A/C DRIVES**

### **INSTALL CONFIDENCE. INSTALL GATES.**

The new Gates Green Stripe™ DriveAlign™ Heavy-Duty Bus Belt Tensioner (#38655) significantly outlasts other tensioners in the punishing environment of the bus engine compartment. This purpose-built tensioner utilises all the patented features that make Green Stripe™ DriveAlign™ tensioners the best in the market today. Features include a longer swing arm, heavy-duty components and a large-diameter double groove pulley to accommodate PowerBand™ belts. In real-world testing, it delivered up to three times the service life of the OEM version. Smoother operation and superior damping increases belt life, reducing downtime and extending maintenance intervals. The exclusive, patented shoe damper absorbs shock loads better than any other tensioner brand – including OEM – and protects A/C compressor and generator bearings from shock loads and excess heat.

# CUSTOM APPLICATIONS MADE SIMPLE

The Gates Green Stripe™ DriveAlign™ Bus Belt Tensioner provides a solution to problem drives with two single or PowerBand™ belts with tensioning issues.

Gates Green Stripe™ DriveAlign™ Bus Belt Tensioner (#38655) includes an adapter plate that provides a wide range of positioning options and enables the tensioner to be installed on most engines, even those with retrofit brackets.



## GREEN STRIPE™ DRIVEALIGN™ TENSIONERS AND PULLEYS

Gates Green Stripe™ DriveAlign™ tensioners and pulleys are the longest lasting in the industry, and feature several exclusive, patented features that contribute to superior performance.

- Double row bearing and high-temperature grease provide up to 3 times the service life.
- Labyrinth seal prevents contamination of internal parts.
- Round spring design lasts longer than the flat-spring design with less flex-fatigue.
- Patented damping mechanism provides maximum stability, reducing vibration and increasing tensioner life.
- Patented pivot bushing ensures accurate pulley alignment.
- Long swing arm reduces tensioner movement and wear.
- Double groove pulley reduces pulley wear and extends belt life.

## ADDITIONAL TOOLS FOR CUSTOMERS



### PENCIL TENSION TESTER

Maximum deflection force of 30lbs. for small V-belts and synchronous belts.

Part #7401-0076



### SONIC TENSION METER

Measures the vibration of the belt span and instantly converts the vibration frequency into belt static tension. This is the span vibration method of tensioning belts.

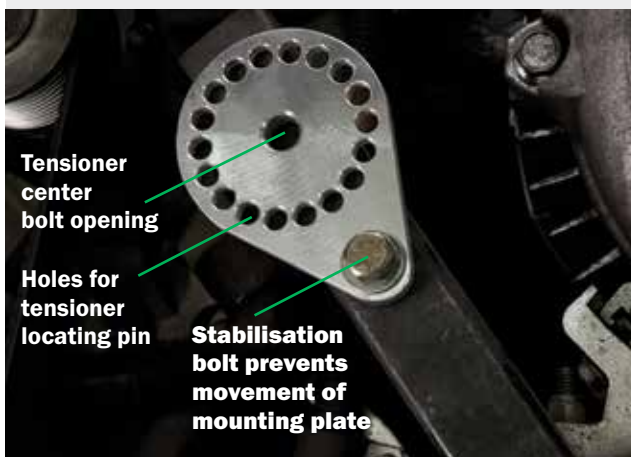
Part #7420-0508

#### Application Video link:

<https://youtu.be/S4g95xZLIUg>

<https://youtu.be/Ucia3gdTAac>

**Notes:** 5V PowerBand™ pulley fitted on tensioner. Compatible with 5V PowerBand™ belts. XPB or SPB PowerBand™ belts are not compatible with 5V pulleys. XPB and SPB single matched belts are compatible in 5V pulley.



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