

# PRODUCT SPOTLIGHT

**ATRO PARTS**  
ENGINEERED | DURABLE | RELIABLE  
MANUFACTURED IN ST. CLAIR, MISSOURI | U.S.A.

## DOMED STYLE TRAILER BUMPERS

### FEATURES:

- Unique "Dome" shape minimizes damage from contacting docks at varying angles
- ATRO's proprietary polyurethane material has proven to outlast rubber by at least 15 times
- Three Year Warranty (Limited to Material Failure)



### BP89-65100

**Stoughton:**  
04-86997-001-00

**Length:** 5 7/8"  
**Width:** 2 15/16"  
**Height:** 3 1/8"  
**Bolt Hole:** 1/2"  
**Bolt Holes:** 3" c-c

**Quantity Per Trailer:** 2

**UPC Code:** 751354037845

### BP99-65040

**James King:** 3630  
**James King:** 3781  
**Kentucky Trailer:** T-9000  
**Utility Trailer:** RDB-003  
**Wabash:** WAB21400098

**Length:** 5 3/4"  
**Width:** 3"  
**Height:** 3 3/4"  
**Bolt Hole:** 1/2"  
**Bolt Holes:** 3 1/2" c-c

**Quantity Per Trailer:** 2

**UPC Code:** 751354037548

### BP99-65182

**Benson Trailer:** B52641  
**Great Dane:** 035-25182

**Length:** 6 1/4"  
**Width:** 2 1/2"  
**Height:** 3 1/2"  
**Bolt Hole:** 1/2"  
**Bolt Holes:** 3 3/4" c-c

**Quantity Per Trailer:** 2

**UPC Code:** 751354037852

### BP99-65304

**Great Dane:** 41700301  
**Great Dane:** 41700304

**Length:** 5 5/8"  
**Width:** 2 3/4"  
**Height:** 3 1/2"  
**Bolt Hole:** 1/2"  
**Bolt Holes:** 2 3/4" c-c

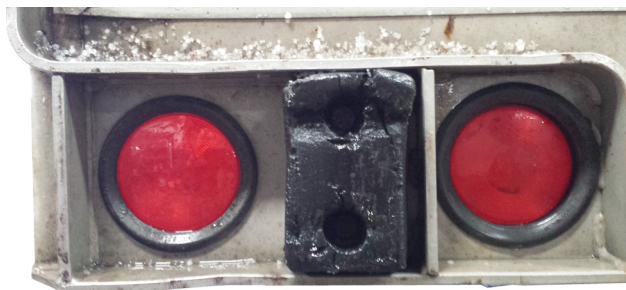
**Quantity Per Trailer:** 2

**UPC Code:** 751354037869

## Trailer Bumper Installation Headaches

Changing out a simple trailer bumper can present a technician with unexpected problems. Many of today's bumpers are mounted into a sealed bumper frame that contains the stop/tail/turn lamps. Often, a lamp will need to be removed to gain access to the rusted nuts on the inside of the trailer bumper frame. This is further complicated when the lamp is secured with a riveted lock ring, common with the newer LED powered stop/tail/turn lamps. The bumper removal process usually takes a minimum of 20 minutes and as much as 45 minutes to complete and often the lamp gets damaged in the process.

Today's typical rubber trailer bumpers do not last very long and may be worn out in six to twelve months. ATRO's polyurethane bumpers have proven to outlast rubber bumpers by as much as 15 times. Consider the cost of the labor and downtime and trailer damage the next time you purchase trailer bumpers.



### ATRO Saves Time & Dollars

- Reduces Trailer Damage
- Eliminates Downtime
- Functioning Bumpers Save Lights

- Avg. Light Cost = \$234

CELEBRATING 30 YEARS  
**ATRO**  
POLYURETHANE • SOLUTIONS

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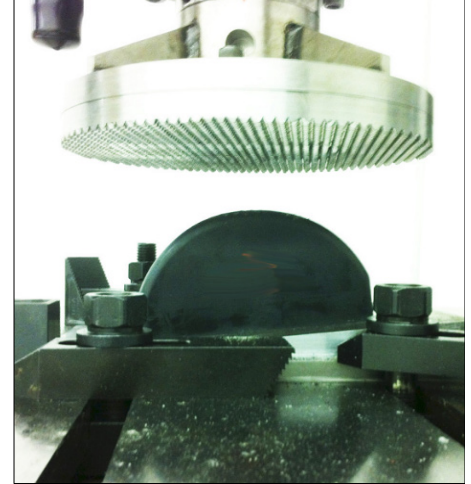
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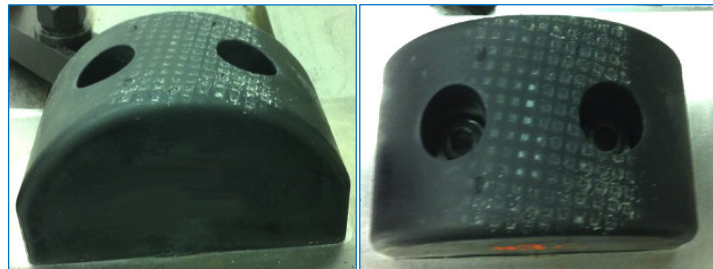
## Trailer Bumper Test

### Set-up and Procedures

1. Each bumper was bolted to a base plate which had a 5° angle machined on it.
  - Angle simulates a trailer bumper contacting a dock.
2. Bumpers impacted by a hardened steel plate which had a rough texture machined in it to accelerate wear.
3. Each impact reached a maximum load of 5,000lbs, which was determined based on the load deflection test results.
4. Testing continued until failure or 250,000 cycles was reached.



OEM Bumper @ 16,520 cycles



ATRO Bumper @ 250,000 cycles

### Conclusion

ATRO polyurethane bumper far outperformed the rubber bumper by a sizable margin. ATRO bumpers offer superior performance to the OEM rubber bumper based on results of the cycle test and success in the field. The protection of lights and the longevity of parts result in reduction in cost over the life of the trailer.

Visit [atrobushing.com](http://atrobushing.com) for full test and results

### The ATRO Difference

- One of ATRO's 11 Proprietary Polyurethane is applied to bumpers
  - Engineered ATRO Polyurethanes are specific to the function of the bumper
  - High Tensile Strength and Die C Tear Strength and Reduced Compression Set
- Physical characteristics of rubber are weaker than ATRO polyurethanes