



Innovative Brake Actuators

Model 800

Capacity: 8,000 lbs.

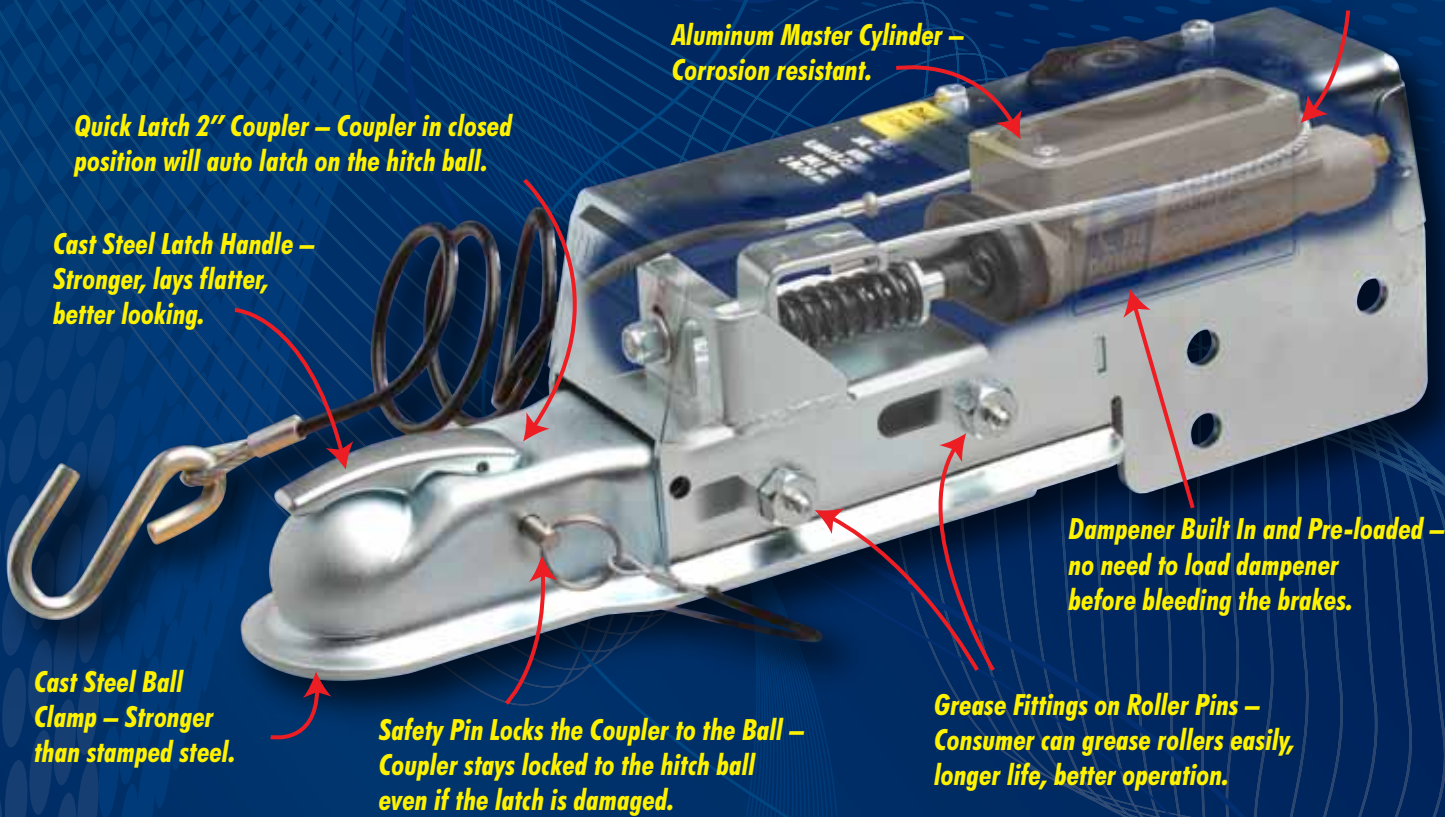
Disc Brake #82402

Drum Brake #82403



- Wide mouth master cylinder – Easier to add brake fluid
- Common filler cap – Easier to maintain spare parts
- E-stop cable coiled PVC coated cable – Keeps cable from getting in the way
- PVC coated galvanized cable offers a smooth finish for handling and corrosion resistance

“For Disc Brake Only Models”
Solenoid built into master cylinder – solenoid can be cleaned or exchanged without removing the brake line or removing the actuator from the trailer.



Aluminum Master Cylinder – Corrosion resistant.

Quick Latch 2” Coupler – Coupler in closed position will auto latch on the hitch ball.

Cast Steel Latch Handle – Stronger, lays flatter, better looking.

Dampener Built In and Pre-loaded – no need to load dampener before bleeding the brakes.

Cast Steel Ball Clamp – Stronger than stamped steel.

Safety Pin Locks the Coupler to the Ball – Coupler stays locked to the hitch ball even if the latch is damaged.

Grease Fittings on Roller Pins – Consumer can grease rollers easily, longer life, better operation.

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Model 800 Actuators for 2012 from Tie Down Engineering

CoModel 800 Actuators For 2012 Have Been Simplified

- We offered multiple configurations in both disc and drum brake models.

Important Features In The New 2012 Model Line

Pre-charged Dampener Unit

- No longer will you be required to “pump” the dampener first before bleeding the brakes. All TDE actuators now have a pre-loaded dampener.

Quick Latch Coupler

- The coupler in the closed (tow) latch position will auto-latch onto the hitch ball when set on top of the hitch ball, with minimal weight. Incorrect latching and/or forgetting to properly close the latch mechanism is the #1 reason for trailer separation from the tow vehicle.

Universal Latch Position

- All new 2012 coupler latches are latched in the “down” position.

Cast Steel Latch Handle

- Can't break, looks great!

Solenoid Plumbing Built Into The Master Cylinder

This UNIQUE feature eliminates the following:

- Removal of entire solenoid for servicing
- Detachment of brake hose
- Detachment of the actuator cover
- Detachment of actuator unit from trailer tongue

Larger Fill Cap On Master Cylinder

- Common filler cap easier to maintain spare parts. Easy to remove, easier to add brake fluid.

Standard Length Actuator Cover

- New housing covers the solenoid (when used) similar to the previous “3/4 extended” model.

Additional Features:

- Cast steel ball clamp
- Safety pin that locks the ball clamp, not the latch handle
- Aluminum master cylinder
- Coiled E-stop cable, PVC coated
- Grease fittings on roller pins

Available models shown below with the part numbers they replace.

Old #	Old Description	New #	New Description
86147	ACTUATOR 8000LB DISC BRAKE READY	82402	ACTUATOR MODEL 800 DISC BRAKE
86146	ACTUATOR 8000LB DRUM BRAKE	82403	ACTUATOR MODEL 800 DRUM BRAKE