



Innovative Brake Actuators

Model 660

Capacity: 6,600 lbs.

Disc Brake #82400

Drum Brake #82401



Model 800

Capacity: 8,000 lbs.

Disc Brake #82402

Drum Brake #82403

TIE DOWN ENGINEERING • 255 Villanova Drive SW • Atlanta, GA 30336
www.tiedown.com (404) 344-0000 Fax (404) 349-0401





Brake Actuator Features:

Larger Fill Cap On Master Cylinder
Easy to remove and easier to add brake fluid.

Aluminum Master Cylinder
Corrosion resistant and large capacity master cylinder requires less refilling.

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.

Coiled E-stop Cable
PVC coated and Corrosion resistant.

Drop N Go Auto Latch
The 2” 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.

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

Standard Hole Pattern
Mounting holes are set to industry standard positions.

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

Stainless Steel Safety Pin

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

Cast Steel Ball Clamp
Stronger than stamped steel.

**“For Disc Brake Models Only”
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

Old #	New #	New Description
86165	82400	Model 660 Disc Brake Actuator with Installed Solenoid
86167	82401	Model 660 Drum Brake Actuator
86147	82402	Model 800 Disc Brake Actuator with Installed Solenoid
86146	82403	Model 800 Drum Brake Actuator



Complete Brake Kits

Brake Kits come with everything needed to replace trailer brake systems or upgrade brake systems from drum brakes to lower maintenance disc brakes. The kit includes the new Model 660/800 brake actuator featuring a cast ball clamp, Drop N Go auto latch coupler, and an oversized master cylinder. Disc brake actuators include a built-in solenoid. Also included in the kit package is a pair of disc or drum brake assemblies and a brake line kit with flexible hydraulic lines, brass fittings and attachment hardware.



Old # New # Complete Brake Kits Include:

82072	82404	"G5" Stainless Steel 10" Disc Brake (2), Model 660 Actuator with Solenoid and Brake Line Kit
82101	82405	Eliminator Vented 10" Disc Brake (2), Model 660 Actuator with Solenoid and Brake Line Kit
82121	82406	Eliminator Vented 12" Disc Brake (2), Model 800 Actuator with Solenoid and Brake Line Kit
82102	82407	Drum Brake 10" (2), Model 660 Actuator and Brake Line Kit
82120	82408	Drum Brake 12" (2), Model 800 Actuator and Brake Line Kit

Drop N Go Auto Latch Coupler

Stainless Steel Safety Pin

Cast Steel Latch Handle - Stronger, lays flatter and better looking.

Drop N Go Auto Latch 2" Coupler - Coupler in closed position will auto latch on the hitch ball.

Cast Steel Ball Clamp - Stronger than stamped steel.



Class 4
Capacity: 7,000 lbs.
Part #82420



Marine Aftermarket Division
TIE DOWN ENGINEERING
255 Villanova Drive SW • Atlanta, Georgia 30336
800-241-1806 • 404-344-0000 • Fax 404-349-0401
www.tiedown.com
©2012 TIE DOWN, Inc

