



DEXTER BRAKE ACTUATION SYSTEMS

DEXTER PREDATOR SERIES BRAKE ACTUATION SYSTEMS

Dexter Axle is pleased to announce the introduction of the new Predator Series line of brake actuation systems. First in the series will be the **Predator DX2**. This model utilizes a patented deceleration sensor for smooth, proportional braking and can power up to four electric brakes. Features include a digital LED that displays voltage output to the brakes and assists with leveling set-up, numeric gain settings, independent manual override for full braking power, short circuit protection, and a seven year product warranty.



Part No. 058-008-00



DEXTER HUB & DRUMS

Part No. 008-174-05

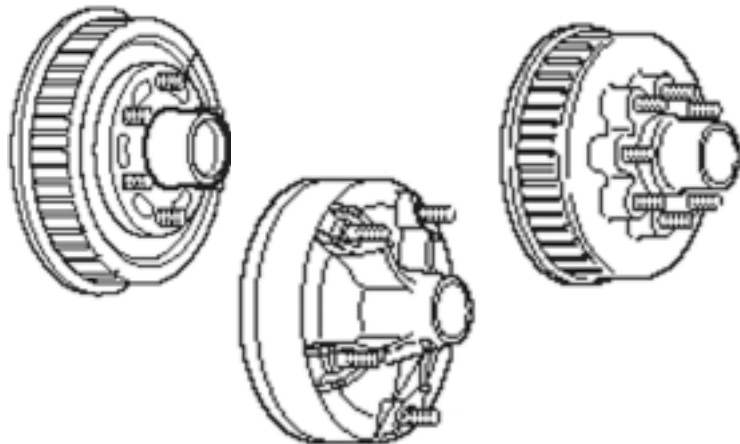
5 spoke Hub & Drum-stud only.
Grease application, 6000 lb. rating.

Part No. 008-201-09

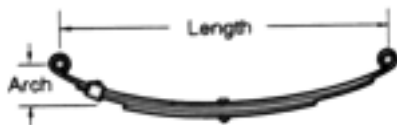
6 hole Hub & Drum Assembly
5200 lb. rating.

Part No. 008-219-04

8 on 6.5 Hub & Drum Assembly
Grease Application, 6000# rating



DOUBLE EYE TRAILER SPRINGS & PARTIAL AXLES



Part No. SP25325 (Dexter # 072-022-00)

3 leaf, 26" length, 1,250# capacity



Part No. SP35425 (Dexter # 072-042-00)

4 leaf, 26" length, 1,750# capacity



DEXTER DOUBLE EYE TRAILER SPRINGS & PARTIAL AXLES

Dexter Seals

Part No. 010-060-00
1.5 x 1.98 D-Lip Grease Seal
2000# axle

Part No. 010-036-00
2.25 x 3.37 D-Lip Grease Seal
6000# axle

Part No. 010-063-00
2.25 x 3.38 Oil Seal
6000# axle



DEXTER BRAKE ASSEMBLIES

YOUR SOURCE FOR DEXTER BRAKE ASSEMBLIES



Part No. 023-026-00 (LH)
Part No. 023-027-00 (RH)
10 X 2^{1/4}, 4 hole, Electric Brake, 3500#

Part No. 023-105-00 (LH)
Part No. 023-106-00 (RH)
12 x 2, 5 hole, Electric Brake, 5200#



Dexter Brake Parts

Brake Pads, Brake Hardware, Magnet Kits, Return Springs,
Brake Adjusters, ...and more are available from US!

DEXTER WHEELS

DEXTER WHEELS



Part No. 17-189-12
13 x 4.5, white spoke
5 hole-4.5"

Part No. 17-142-12
14 x 5., white spoke
5 hole-4.5"

Part No. 17-144-12
15 x 6
white spoke
6 hole-5.5"

Part No. 17-149-12
15 x 6, white spoke
5 hole-4.5"





SPRING AXLE ORDER FORM FOR AXLES 2K THROUGH 8K

Axle Capacity:_____

Hub Face:_____

Spring Center:_____



| | | | | | | |
|----------------|------|----------|------------|-----------|--------------|-----------|
| Brakes: | Yes: | Electric | Hydraulic: | Uni-Servo | Free Backing | Duo-Servo |
| | No: | Flange | No Flange | | | |

| | | | |
|----------------------|----------|---------|--|
| Spindle Type: | Straight | 4" Drop | 6" Drop |
| | Grease | EZ Lube | Nev-r-lube (straight only) Cartridge size of Nev-R-Lube |

Bolt Pattern:

Hub Size (Idler 2k)

| | | | | |
|----------------|------|-------------|---------|-----------|
| Spring: | Yes: | Double Eye: | Length: | Capacity: |
| | No: | Slipper: | Length: | Capacity: |

| | | | | |
|----------------------|------|-------|-------------|-----------------------|
| Spring Mount: | Over | Under | Seats Loose | 1.75" wide 2" wide |
|----------------------|------|-------|-------------|-----------------------|

Hanger Kit:

Attaching Parts Kit:

-From Dexter-

If due to a customer error....

Dexter generally does not accept return of axles and/or beam assemblies unless a special restocking charge has been agreed upon. The standard restocking charge for these items is 50%. Axles and beams are items that have been custom made to a specific order. This potentially, results in many components being scrapped. The customer will be responsible for freight incurred for the return.



BUYERS PRODUCTS

Part No. BH82000
 Combo Hitch & Hook
 w/ 2" Hard Chrome Ball
 16,000# max weight.



Part No. B16137
 Adjustable Eye Only
 3" I.D., 2" mounting.



Part No. B03835SC
 Safety Chain w/ hook
 10,000 #, 3/8" X 35"



Part No. BDL253
 Lunette Eye Hook



Part No. B38W
 D-Ring 4,000# rating



Part No. BSC3835
 Safety Chain w/ hook
 15,000 # max, 3/8" X 35"





TEKONSHA PRODUCTS

Part No. 90185

Prodigy Electronic Controller
Inertia-Activated Brake for 1 to 4 Axle Brake.
"Self-Leveling" ; Tekonsha's "Smart Control."
Limited Lifetime Warranty.



Part No. 9030

Voyager Electronic Brake Control
1 to 4 axle systems.
"The best valve you will find for smooth
and secure trailer braking."
5 year Limited Warranty.



Part No. 2028

Break Away Kit
for Single and Tandem Trailers.
Includes: Battery Case w/ mounting bracket,
2023X sealed 12V-5 Amp battery,
2024 DC-DC maintenance battery charger,
2130 Nylon beakaway switch.



Part No. 9055

Sentinel Electronic Brake
Control 1 to 4 Axle Systems.
"Ergonomic design allows for contour
installation on the dash."
5 year limited warranty.



Part No. 2024

Maintenance Charger DC to DC 12 volt
"Provides maintenance-free assurance
that breakaway batteries are always fully
charged." Auto shut off to prevent overcharging.





HAMMERBLOW PRODUCTS

Part No.182400

Drop Leg Jack
12,000# rating
Direct Weld Mount
Standard Disc Foot
12.5" of Travel.



Part No.182800

Drop Leg Jack
with Spring Return
12,000# rating
Direct Weld Mount
Standard Disc Foot
12.5" of Travel.



Part No.190500

Top Wind Jack
7000# rating
Direct Weld Mount
15" of Travel.



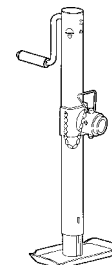
Part No.190510

Sidewind Jack
7000# rating
Direct Weld Mount
Drop Leg
15" of Travel.



Part No.158151

Side Wind
Swivel Jack
2000# rating
Weld on Tubular mount included
15" Travel



FULL LINE OF HAMMERBLOW/BULLDOG JACKS AND COUPLERS ARE AVAILABLE!

**Part No. 3473007**

Tire&Wheel
ST205/75R-15
5 HOLE, 2,150# rating LRC
White Spoke Wheel



CARLISLE
Tire & Wheel Company

Part No. 3496001

Tire & Wheel
ST225/75R-15
6 hole, 2,450# rating



CARLISLE
Tire & Wheel Company

Part No. 3470007

Tire & Wheel
ST205/75R-14
5 hole, 1,760# rating LRC
White Spoke Wheel



CARLISLE
Tire & Wheel Company

Part No.S035007

Tire & Wheel
5.30x12, spoke
1,045# rating LRC
White Spoke Wheel



CARLISLE
Tire & Wheel Company

Part No.S726204

Tire & Wheel
4.80x8, spoke
745# rating LRC
White Conventional



CARLISLE
Tire & Wheel Company

Part No.U746204

Tire & Wheel
18.5x8.5-8
5 hole, 940# rating LRC
White Conventional



CARLISLE
Tire & Wheel Company



SPRING BRAKES

Long Stroke Brake Chambers

Watch your brake chambers! Most new vehicles are now being equipped with long-stroke brake chambers. This allows more stroke than older models. You will find clamp type 20 and clamp type 16 long stroke chambers on the steering axles and clamp type 24 and clamp type 30 long stroke chambers on other axles. Some of the type 30 chambers allow a three-inch stroke.

A long stroke brake chamber can be identified by the raised inlets, embossed etching on the side of the chamber and/or a trapezoidal shaped I.D. tag indicating long stroke, and the maximum stroke allowed.

The key advantage of the extra stroke available from the actuator's unapplied position to full extension, is that it keeps brakes in adjustment longer, reduces out of adjustment citations and improves brake efficiency.

All VENDORS advise to never install long stroke and standard stroke chambers on the same vehicle. This can cause poor brake balance and timing.

When servicing these brake actuators, it is imperative that strict attention is paid to the components. These chambers have push rod stroke capabilities in excess of the standard 2.25" to 2.5" design. The components are unique, and include the following: (They are identified as " Long Stroke"- "LS"-or "3"stroke")

- *service diaphragm*
- *service housing*
- *service pushrod*
- *complete piggyback*

All Navistar 2000 & Newer Buses Now Have Long Stroke Brake Chambers With Square Ports. Long Stroke Chambers Provide 17% More Stopping Ability On A Hot Stop!!



Short Stroke w/
Round Ports



Long Stroke w/
Square Ports

According to MGM, single chambers-service chambers also have the square ports, and show pictures of the models to indicate this in the literature they provide. These pictures were scanned from that catalog.

