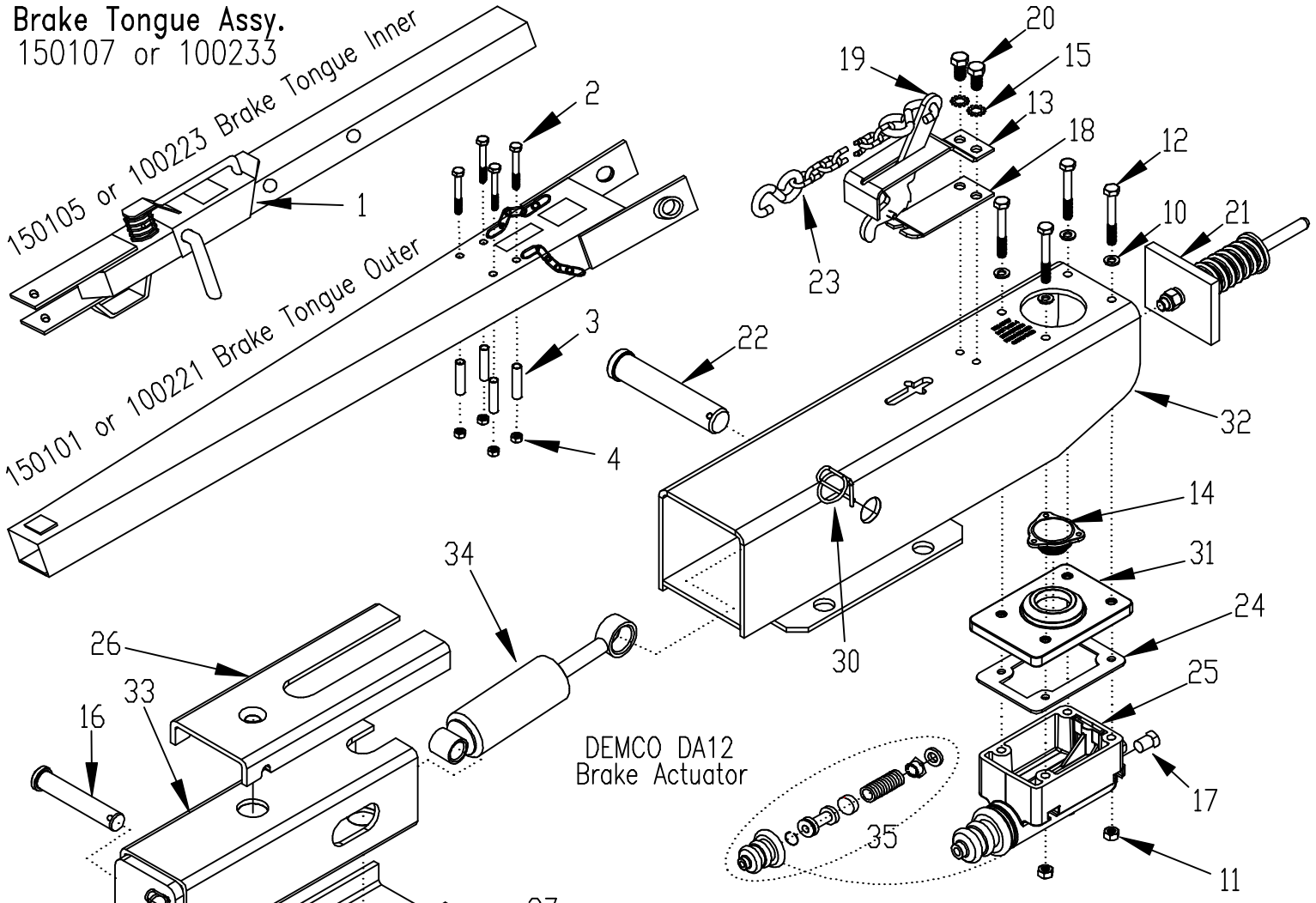
Brake Tongue & Actuator

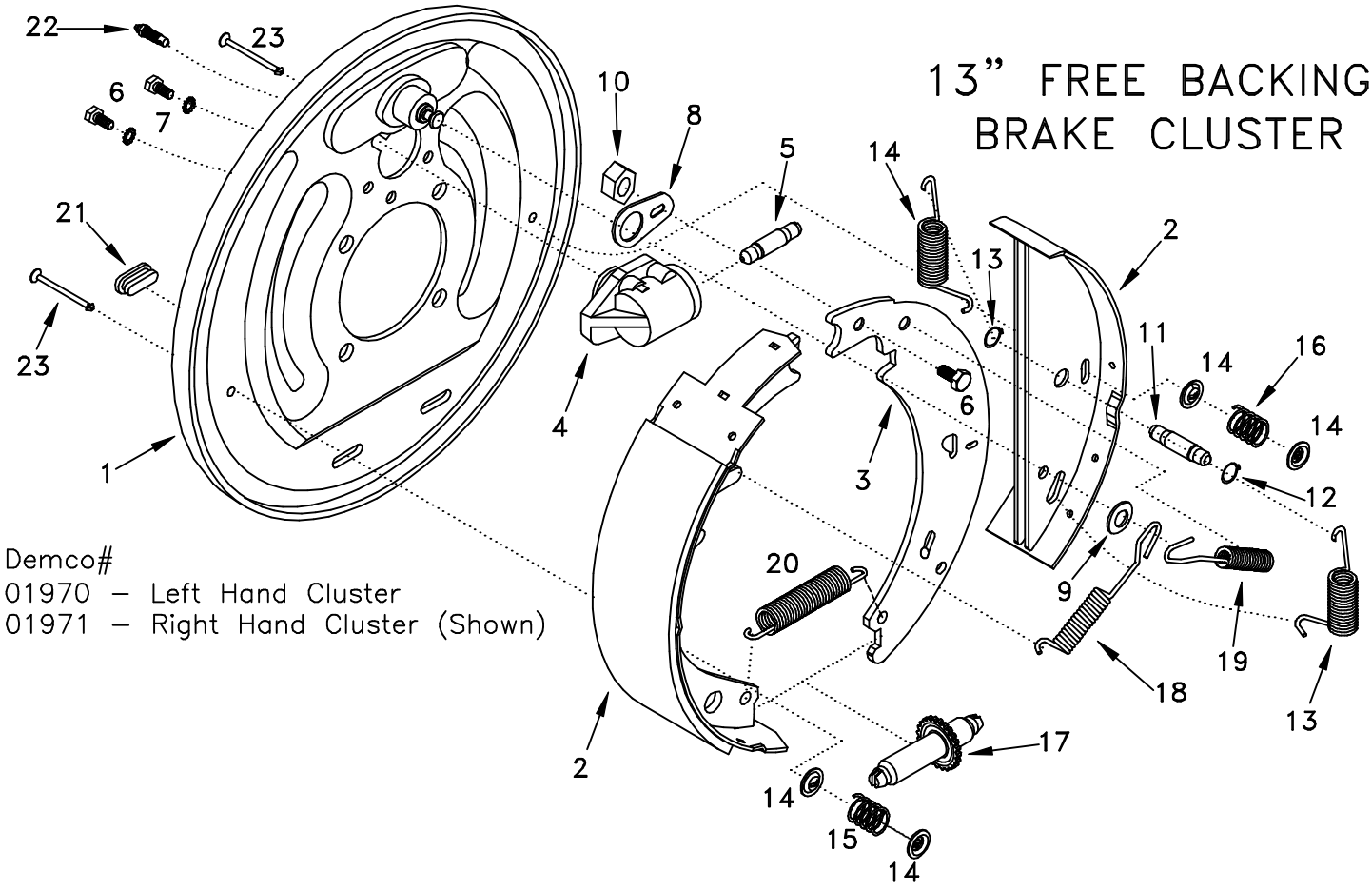
Brake Tongue Assy.
150107 or 100233



#	E-Z Part#	Qty.	Description
1	150102	1	Brake Tongue Latch
2	100172	4	5/8-11 X 5" Bolt
3	100171	4	Attachment Spacer
4	100170	1	5/8-11 Locknut
5	1010	2	Spring
6	234	1	9/16-18 Jam Nut
7	100365	1	9/16-18 X 1-1/4" Bolt
8	100366	1	Actuator Push Rod
9	100367	2	Spring Holder

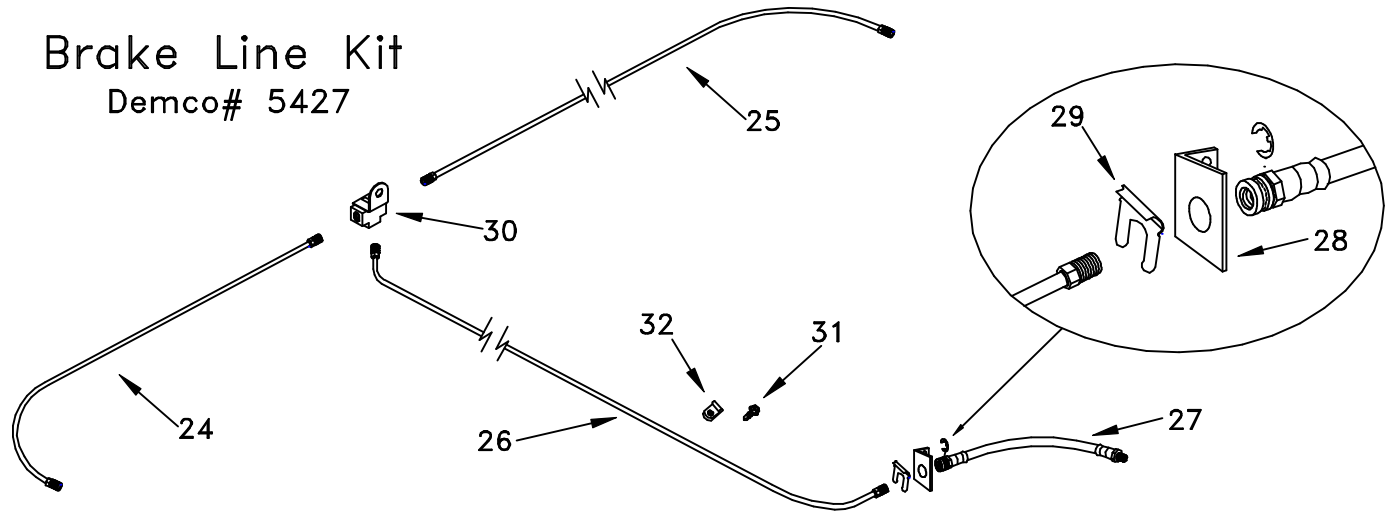
#	Demco#	Qty.	Description
10	00057	4	Washer, .25 Spring Lock
11	00062	4	Nut, .25 NC Hex
12	00618	4	Bolt, .25 NC X 2 Hex GR5
13	03866-95	1	Emergency Lever Guide
14	03876	1	Master Cylinder Cap Assembly
15	05424	2	Washer, .313 Ext. Tooth Lock
16	05426	1	Pin, Front Shock
17	05679	1	Brake Fitting .125 Full Flow
18	05693-95	1	Spring, Safety Lever
19	05951	1	Emergency Lever
20	05961	2	Bolt, .313 NC X .625 Hex GR5
21	05977	1	Push Rod Assembly
22	05986-95	1	7/8" Cold Headed Clevis Pin
23	07817	1	Chain/Hook Assembly
24	09153	1	Cork Gasket for Master Cyl.
25	10616	1	Composite Master Cyl. Drum
26	10965	1	Slide Channel Top
27	10966	1	Slide Channel Bottom
28	10967	2	Slider Spacer
29	12396	1	5/8" Rue Ring Lock Cotter
30	12397	1	7/8" Rue Ring Lock Cotter
31	12557	1	Cap for Master Cylinder
32	13239-30	1	Outercase DA12
33	13240-30	1	Inner Slide Tube DA12
34	SB12426	1	Shock, Damper
35	5398	1	Cylinder Repair Kit, w/Boot 05687

13" FREE BACKING BRAKE CLUSTER



Brake Line Kit

Demco# 5427



#	Demco#	Qty.	Description
1	03529–30	1	Back Plate Assembly
2	5508	1	Brake Shoe Kit
3	SB9745–95	1	Shoe Lever
4	SB9776	1	Right Wheel Cylinder Ass'y
	SB9777	1	Left Wheel Cylinder Ass'y
5	SB9783	1	Push Rod
6	05961	1	5/16–18 X 5/8" Bolt
7	05424	1	5/16" Ext. Tooth Washer
8	03559–95	1	Travel Link
9	00205	2	Washer – Shoe Guide
10	05962	1	5/16–18 Bi–Way Locknut
11	05824–95	1	Double Pin – Shoe
12	SB7778	1	Retaining Ring
13	SB6814	1	Spring – Shoe Return
14	SB9789	1	Cup – Shoe Hold Down
15	05983	1	Spring – Shoe Hold Down BLUE
16	SB9790	1	Spring – Shoe Hold Down MAROON

#	Demco#	Qty.	Description
17	SB23324	2	Adjusting Screw Assembly
18	SB9786	1	Spring – Shoe
19	SB9785	1	Spring – Return Lever
20	SB24765	1	Spring – Adjusting Screw
21	SB9254	1	Cover Plate – Adjusting Hole
22	05431	1	Bleeder – Replacement
23	SB9788	1	#6 Hold Down Pin
24	SB517	1	17" ZT Brake Line
25	SB572	1	72" ZT Brake Line
26	SB5193	1	193" ZT Brake Line
27	05982	1	18–7/8" Brake Hose
	PBG5402	1	Bag of Parts #28–32
28	05981–95	1	Brake Line Hose Bracket
29	SB7764	1	Retainer Clip
30	SB7785	1	3/16" Brake Tee
31	03787	4	#10–16 X 1/2 Self–Drill Screw
32	05378	4	Brake Line Control Clip

Instructions for 13” Brakes

1. Adjusting Brakes

The brake adjustment nut is located through a slot at the bottom of the backing plate. Insert brake tool or screw driver into slotted hole with handle up and bit against the adjusting wheel, pull down on handle and rotate wheel while tightening. When you can no longer rotate wheel, back off the tightener 15-20 clicks on the adjuster wheel. If there is one spot where the wheel drags just slightly this is acceptable. As soon as the brake linings are burnished (this requires several braking stops) the brakes will then be set right.
ALWAYS ROTATE DRUM IN DIRECTION OF FORWARD ROTATION ONLY.

2. Hydraulic Lines

Use care in forming tubing to avoid sharp bends or kinks. Use double flare steel tubing to assure tight leak-proof connections. This must be done by a certified brake shop. Anchor all hydraulic lines at two foot intervals to prevent chafing and vibration. Use hydraulic rubber hose at points of flexing. Anchor hose ends to avoid stress on tubing.

3. Bleeding the System

The first requirement for safe, sure hydraulic braking is the use of quality brake fluid. Use only DOT-3 or DOT-4 brake fluid from a sealed container.

If pressure bleeding equipment is available, follow the manufacturer’s instruction in bleeding the system. **If system must be bled manually, proceed as follows:** Fill master cylinder with fluid. Install bleeder hose on first wheel cylinder to be bled. Have loose end of hose submerged in brake fluid in glass container to observe bubbling.

By loosening the bleeder screw located in the wheel cylinder one turn, the system is open to the atmosphere through the passage drilled in the screw. Pump actuator with short strokes until fluid in master cylinder reservoir stops blubbing, and then pump actuator with long steady strokes. The bleeding operation is completed when bubbles no longer rise to the surface of the fluid in glass container. **Be sure to close bleeder screw securely.**

Repeat bleeding operation at each wheel cylinder. During the bleeding process, replenish the brake fluid, so the level does not fall below the 1/2 full level in the master cylinder reservoir. After bleeding is complete, make sure master cylinder reservoir is filled and filler cap is securely in place. Finally, apply pressure to the system and check the whole brake system for leaks.