

**Brake Line Armor Spring, .295 OD**

\$8.00

BRK-0011

Continuous wound stainless steel spring stock to armor brake pipes on Bugatti and other French cars of the 1930's such as Delage and Peugeot. Designed for use with a 1/4 pipe: .020 wire, .295 O.D. Priced per foot. Please inquire for current inventory of available lengths.

**Brake Line Armor Spring, .312 OD**

\$8.00

BRK-0010

Continuous wound stainless steel spring stock to armor brake pipes on Bugatti and other French cars of the 1930's such as Delage and Peugeot. Designed for use with a 1/4 pipe: .032 wire, .312 O.D. Priced per foot. Please inquire for current inventory of available lengths.

**Brake Line Armor Spring, .375 OD**

\$8.00

BRK-0009

Continuous wound stainless steel spring stock to armor brake pipes on Bugatti and other French cars of the 1930's such as Delage and Peugeot. Designed for use with a 5/16 pipe: .043 wire, .375 O.D. Priced per foot. Please inquire for current inventory of available lengths.

**Heavy Wall Copper Tubing for Brakes**

Varies

Varies

Heavy wall copper tubing for use in brakes. Three sizes available:

J-4836 1/4 x .065 wall
\$4.50 per foot

J-4869 5/16 x .065 wall
\$4.75 per foot

J-4821 3/8 x .065 wall
\$5.00 per foot

**Duesenberg J Clutch & Brake Pedal Return Spring**

\$9.50

J-1578

Duesenberg Model J brake and clutch pedal return spring.

Material: Spring steel; Coils: 69.5; Wire size: .062; OD: .570; Free length: 4.297; OAL: 7.00; Hook ID x point to outside: .250 x .425, .468 x .396

**Duesenberg J Hydraulic Brake Hose to Axle Spring**

\$15.00

J-4865

Duesenberg Model J hydraulic brake hose to front axle spring.

Material: Spring steel; Coils: 36; Wire size: .062; OD: .750; Free length: 2.250; OAL: 3.636; Hook ID x point to outside: .635 x .635

**Duesenberg A Brake Return Spring**

\$16.50

A-1625-B

Duesenberg Model A brake return spring with swivel ends.

**1938 Packard V-12 Brake Shoe Tension Spring**

\$8.50

P-0062

Brake shoe tension spring for 1938 Packard V-12, may also fit other years and models. Packard part number 234839.

Wire is .062 Dia, .380 OD and 3.82 OAL.

**1929-30 Packard Brake Shoe Anti-Rattle Spring**

\$57.00

P-0109

Brake shoe anti-rattle spring for use on 1929 - 1930 Packard.





1916-36 Cadillac LaSalle Brake & Clutch Pedal Return Spring

\$25.00
CAD-0093

Brake and clutch pedal return spring for use on the following years and models of Cadillac and LaSalle:

Cadillac
1916-17 V8 55; 1917-19 V8 57; 1920-21 V8 59; 1921-23 V8 61; 1923-25 V8 63; 1925-27 V8 314; 1927-29 V8 341; 1929-30 V8 353; 1930-35 V8 355; 1930-35 V12 370; 1930-35 V16 452; 1936 V16 36-90

LaSalle
1927-28 303; 1928-29 328; 1929-30 340; 1930-33 345

Cadillac part number 32513, group numbers 5.0362 and 4.4222

Material: Steel; Finish: Natural; OD: .637; Number of coils: 48; Coil length: 3.9375; Wire: .075; Hook: 1.325 x 1.063 x .125



Duesenberg J Brake Shoe Spring

\$12.00
J-2564-A

Extension spring with swivel hooks. For use on the brake shoes on Duesenberg Model J.

Material: Spring steel; Wire: .072; OD: .425; OAL: 6.250; Swivel hook wire: .091



American Underslung Traveler Brake Shoe Extension Spring

\$20.00
MISC-0240

Brake shoe extension spring used on 1910 American Underslung Traveler.

Material: Steel; Finish: Natural; LOA: 5.125; OD: .640; Wire: .091



American Underslung Traveler Brake Shoe Torsion Spring

\$20.00
MISC-0241

Brake shoe torsion spring as used on 1910 American Underslung Traveler.

Material: Steel; Finish: Natural; Wire: .105; OD coil: 1.4375; OAL: 3.125; OAW: 2.8125; ID hook at end: .517



1/2-20 Banjo Brake Line Fitting

\$50.00
BRK-0001

Banjo fitting with 1/2-20 thread for use on Pegaso, Ferrari and many other European cars.

Measures: 1.586 OAL, ball end is .670 OD, ID of cylinder is 1/2-20 thread with a .156 hole into the ball end. Black oxide finish.



7/16-20 Banjo Brake Line Fitting

\$42.00
BUG-0002

Bronze banjo fitting with 7/16-20 male thread for 45° flare nut. Hole Dia. .600 (15.25 mm), thickness .480 (12.25 mm). Male thread is canted up slightly. Many applications including use on Type 57 Bugatti rear wheel cylinders.



Bugatti T57 Brake Shoe Retaining Clip

\$9.50
BUG-0039

Bugatti Type 57 brake shoe retaining clip - fits hydraulic systems only. Laser cut, made from 1010 steel, .030 thick. Two required per wheel.



12mm Male Nut for 1/4 or 6mm Tube

\$12.50
BRK-0016

Brake line male nut for 1/4" or 6mm tube. Made from steel, has 12mm hex, 6.75mm ID with 12mm x 1.0 thread. Black oxide finish.





Brake Line Female Flare Nut for 1/4 or 6mm Tube

\$12.50
BRK-0005

New brass brake line flare nut for European cars of the 1930's and 1940's using Lockheed hydraulic brakes. Duplicate of original design including nicks around the hex. Fits Delage D-8, Bugatti T57 and many others. For use with 1/4" or 6mm tubing. For use with brake line adapter, our part #BRK-0007.



Measures: .562 (9/16") hex, .930 (15/16") OAL, 7/16-20 thread in I.D., .260 I.D.

Brake Line Male Flare Nut for 1/4 or 6mm Tube

\$12.50
BRK-0006

New brake line nut for European cars of the 1930's and 1940's. Duplicate of original design including nicks around the hex. For use with 1/4" or 6mm tube. Fits Delage D-8, Bugatti T57 and many others.



Made of SAE 4140 steel with black oxide finish. Measures: .500 hex, .250 high, .900 OAL, 1/2-20 thread, .260 I.D.

Male Flare Nut for 1/4 or 6mm Tube

\$12.50
BRK-0004

Brake line male flare nut for 1/4" or 6mm tube. This flare nut has many applications including use on Pegaso and post war Talbot Lagos fitted with hydraulic brakes.



Made from steel, has 14mm hex, 6.5mm ID and 1/2-20 thread. Black oxide finish.

11/16-16 Brake Hose Hex Nut

\$7.50
BRK-0017

Generic mounting nut for 11/16-16 brake hose. This nut has a 1" hex, 5/16 thickness. Cadmium plated, manufactured from steel.



Hex Nut for 11/16-16 Hose to 1/4 Inverted Flare

\$7.50
BRK-0003

Hex nut for use with 11/16-16 hose to 1/4 inverted flare line adapter. Used in conjunction with a line adapter available separately: our part #BRK-0002.



26mm hex steel nut, 18mm 1.5 thread, 8.4mm thick. Black oxide finish.

Flare Tube Elbow for 1/4 Tube to 1/8 Pipe

\$12.00
0221

Flare tube elbow to connect a 1/4 tube to a 1/8 pipe. Manufactured from bronze with 1/8-27 NPT and 7/16-20 threads. Has many applications including use on Duesenberg Model J.



Measures: pipe thread end has .387 ID, other end has .342 ID, pipe thread is approx. .365 long, normal thread approx. .34, OAL is 1.102 x .980 x .470.

Adapter for 11/16-16 Hose to 1/4 Flare Nut

\$37.00
BRK-0007

Cadmium plated steel Lockheed brake hose union. Male thread 7/16-20 for 1/4 flare nut. Female thread 11/16-16 for Lockheed brake hose. Mounts on bracket attached to frame that holds the brake hose.



Adapter for 11/16-16 Hose to 1/4 Inverted Flare

\$37.00
BRK-0002

Brake line adapter for 11/16-16 hose to 1/4 inverted flare. Mounts on the bulkhead or frame to anchor the hose. Used in conjunction with a hex nut available separately: our part #BRK-0003.



Measures 35.5mm OAL with 22mm hex. Outer thread size is M18 x 1.5, inner thread is 11/16-16 one end and 1/2-20 on the other. Black oxide finish.



Adapter for 11/16-16 Hose to 3/8 Flare Nut

\$47.50
J-4857

Cadmium plated steel brake hose union with 11/16-16 ID thread for the brake hose and 5/8-18 OD thread for 3/8 flare nut. Mounts on the bracket attached to the frame to hold the brake hose. OAL is 2 1/8.



Lockheed Brake Master Cylinder Barrel, 1 1/2 Bore

\$125.00
J-4801-22

Stainless steel 1 1/2" bore master cylinder barrel for Lockheed box type master cylinders using a threaded barrel.



Adapter for 11/16-16 Hose to 5/16 Flare Nut

\$37.00
BRK-0008

Cadmium plated steel Lockheed brake hose union. Male thread 1/2-20 for 5/16 flare nut. Female thread 11/16-16 for Lockheed brake hose. Mounts on bracket attached to frame that holds the brake hose.



Lockheed Master Cylinder 3/8-24 Lever Bolt

\$11.00
J-4801-19-A

Wagner Lockheed box type master cylinder lever bolt.

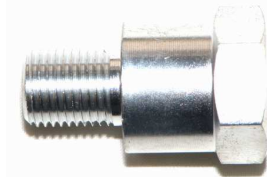
Material: Cadmium plated heat treated steel; Thread: 3/8-24; Thread length: 1.187; OD: .370; OAL: 1.937; Head: 9/16 Hex



Adapter for 11/16-16 Hose to Wheel Cylinder

\$40.00
BRK-0013

Cadmium plated steel brake hose adapter, 11/16-16 ID thread with 1/2-20 OD thread. Used to connect Lockheed brake hoses to wheel cylinders. Measures 1 1/2" OAL with 7/8 hex, threaded end approx. 5/8 long.



Lockheed Master Cylinder Brake Shaft

\$175.00
J-4801-16-A

Master cylinder cross shaft with splines for internal and external levers.

Material: Steel; Finish: Cadmium plated; OD: 1.000; Length: 5.890



Union for 11/16-16 Brake Hose & 1/4 Pipe

\$100.00
BRK-0012

Brake union for 11/16-16 brake hoses and 1/4" brake pipes. Manufactured from bronze, has 11/16-16 thread for brake hose and 1/2-20 thread with inverted flare seat for the brake pipe. Commonly used on the rear axle or chassis.



For use on all Type 57 Bugattis with hydraulic brakes, Ferrari 250 Pininfarina Coupe and others.

Lockheed Master Cylinder Check Valve & Seal, 1 1/2 Bore

\$25.00
J-4801-11-A

For 1 1/2" bore master cylinders. Suitable for use with Wagner Lockheed box type master cylinders and others.





Lockheed Master Cylinder Check Valve, 1 1/4 Bore

\$15.00
J-4801-11-B

Master cylinder check valve assembly for 1 1/4 bore Wagner Lockheed box type brake master cylinders. Wagner part number F-14425.



Spacer
ID: 11/16; OD: 1 5/16; Thickness: .192

Valve
Hex: 1 1/8; Height: 7/16; ID: 27/32

Lockheed Master Cylinder Cover Gasket

\$6.00
J-4801-20

Cover gasket for Wagner Lockheed box type brake master cylinders. Die cut paper gasket, fits between cover & box.



ID: 4.75 long x 2.6 wide; OD: 5.25 x 3.10; 5/16 Stud holes, 2.5 center to center across width, 2.312 center to center across length

Lockheed Master Cylinder Cup, 1 1/2 Bore

\$13.00
J-4801-15-A

For 1 1/2" bore master cylinders. Suitable for Wagner Lockheed box type master cylinders & others.



Lockheed Master Cylinder Piston Cup (1 1/4 Bore)

\$12.00
J-4801-15-B

Piston cup for 1 1/4 bore master cylinders. Suitable for Wagner Lockheed box type master cylinders and others. Wagner Lockheed part number FC-4881.



Material: Rubber & brass; Height: 3/8; OD: 1 9/32 base, 1.208 top; ID: 1.9/64 base, 1.056 top

Lockheed Master Cylinder Filler Cap

\$12.50
J-4801-30-A

Lockheed box type master cylinder screw on reservoir cap. Cap is vented and will fit many master cylinders including those used on Reo, Stutz, Duesenberg and others. Fits both 1 1/2 and 1 1/4 bore master cylinders.



Cap OD: 1 7/8; Thread: 1 3/4

Lockheed Master Cylinder Head Gasket

\$6.00
J-4801-7

For Wagner Lockheed box type master cylinders. Die cut paper gasket, fits between barrel & box.



ID: 2.00; 2.475 Width across side; 3.79 Corner to corner; 3/8 Stud holes, 2.975 center to center

Lockheed Master Cylinder Outlet Fitting

\$38.00
J-4801-3

Cadmium plated steel outlet fitting for use with Lockheed box type master cylinders.



1/2-20 straight thread, 5/8-18 thread on 45° flare end for 3/8 tubing.

Lockheed Master Cylinder Outlet Fitting Gasket

\$3.50
J-4801-2

Copper washer to seal brake fitting to the master cylinder or wheel cylinder.



ID is .508, OD is .800, thickness is .032.

Lockheed Master Cylinder Outlet Hex Plug

\$2.00
J-4801-4

Lockheed box type master cylinder outlet hex plug.



Material: Steel; Finish: Cadmium plated; Thread: 1/2-20; Thread length: .552; Head: 3/4 hex, .205 tall; OAL: .750

Lockheed Master Cylinder Piston & Plug, 1 1/2 Bore

\$48.50
J-4801-10-A

Aluminum master cylinder piston with hardened steel insert. Fits 1 1/2 bore Lockheed box-type master cylinders as used by Duesenberg, Stutz and others. Measures 1 1/2 OD and 1 1/16 high.



Lockheed Master Cylinder Piston (1 1/4 Bore)

\$48.50
J-4801-10-B

Brake master cylinder piston with hardened steel insert. For use on any automobile using 1 1/4 Lockheed box type master cylinders including REO, Stutz and many others.



Material: Aluminum; Finish: Natural;
OD: 1 1/4; Height: 1.072; Center
cylinder: 5/8; ID: 1 1/16

Lockheed Master Cylinder Piston Stop

\$16.00
J-4801-12

Spring steel clip to retain mater cylinder piston in barrel. For use with 1 1/2" bore master cylinders.



Lockheed Master Cylinder Shaft Seal

\$16.00
J-4801-14

For Wagner Lockheed box type master cylinders, Lockheed part #FD-273. Molded urethane, fits 1" O.D. shafts with .935 Dia. for seal.



Measures 1.375 O.D. x .920 I.D. x .237.

Lockheed Master Cylinder Repair Kit, 1 1/2 Bore

\$125.00
J-4801-33-K

Repair kit for 1 1/2 bore Wagner Lockheed box type brake master cylinders and others. This repair kit contains one each of the following:

- Master cylinder head gasket
- Master cylinder cover gasket
- Piston & plug assembly
- Check valve & seal assembly
- Shaft oil seal cup
- Piston cup
- Outlet fitting gasket (Qty. 3)



Lockheed Master Cylinder Repair Kit, 1 1/4 Bore

\$115.00
J-4801-34-K

Repair kit for 1 1/4 bore Wagner Lockheed box type brake master cylinders and others. This repair kit contains one each of the following:

- Master cylinder head gasket
- Master cylinder cover gasket
- Piston & plug assembly
- Check valve & seal assembly
- Shaft oil seal cup
- Piston cup
- Outlet fitting gasket (Qty. 3)



Lockheed Master Cylinder Stop Light Switch Adapter

\$13.50
J-6485

Used to adapt 1/2-20 outlet port to 1/8 pipe when installing brake light switch on Lockheed box type master cylinders.

Material: Steel; Finish: Cadmium plated; Thread: 1/2-20; Thread length: .500; Head: 3/4 Hex drilled & tapped with 1/8 pipe thread, .385 tall



Lockheed Master Cylinder Outlet Fitting

\$9.50
BRK-0031

Cadmium plated steel outlet fitting for Lockheed box type master cylinders. 1/2-20 Threads on both ends.

Material: Steel; Finish: Cadmium;
Thread: 1/2-20, 1/2-20; OAL: 1.437;
Hex: .625; ID: .250; Flare end length: .625; Straight end length: .500

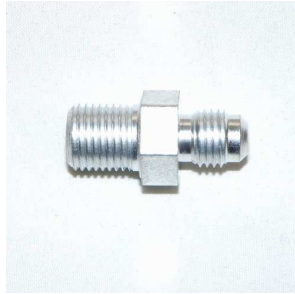


Lockheed Master Cylinder Outlet Fitting

BRK-0032
9.50

Cadmium plated steel outlet fitting for Lockheed box type master cylinders.

Material: Steel; Finish: Cadmium;
Thread: 7/16-20, 1/2-20; OAL: 1.312;
Hex: .625; ID: .187; 7/16-20 Flare end
length: .562; 1/2-20 Straight end
length: .500



Lockheed Maste Cylinder Barrel Sealing Washer

\$6.00
J-4801-22-1

Aluminum sealing washer used in 1 1/2 bore Wagner Lockheed threaded master cylinder barrels. Seals barrel to head casting.

Material: Aluminum; OD: 1.630; ID: .772; Thickness: .038



Stop Light Switch Assembly

\$34.00
J-6484

Stop light switch for all vehicles using a screw terminal type brake light switch.

1/8 Pipe thread; 6 OR 12 Volt



Braided Bronze Hose for Fuel & Vacuum Lines

\$24.00
MISC-0017

Bronze convoluted hose with braided cover suitable for flexible fuel lines and is a replacement for Packard V-12 vacuum hose.

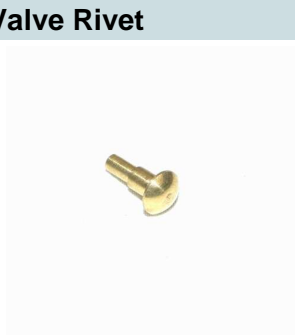
ID: 1/4; OD: 9/16; Sold by the foot.



Packard V-12 Vacuum Check Valve Rivet

\$16.50
P-0028

Brake vacuum check valve rivet to fit Packard V-12. This rivet holds the brake vacuum check valve mounted on the intake manifold to the housing. Made from brass, measures .427 long, .234 head diameter, .125 large shank diameter and .095 small shank diameter.



11/16-16 Hydraulic Brake Hose

\$37.00
MISC-0030

Wagner Locked hydraulic brake hoses fitted with 11/16-16 fittings and captive copper sealing washers. Pressure tested and ready to install. Available in any length - specify OVERALL length in inches when ordering. Overall length is determined by measuring the total length of the hose from end to end.



Hydraulic Brake Hoses

\$37.00
MISC-0031

We can produce hydraulic brake hoses in any specified length with any fitting for nearly every car ever made. Our hoses are pressure tested and ready to install on delivery.



Ferrari Hydraulic Brake & Clutch Hoses

Varies
Varies

Hydraulic brake and clutch hoses for vintage and classic Ferrari. Hoses can be produced in any specified length for any model of car.

All hoses come with cadmium plated fittings, have been pressure tested prior to shipping and are ready for installation on delivery. Normal production time is 24 hours or less - same day service in most instances. Some hoses may require additional processing time if a sample is required. Most brake or clutch hoses are priced \$37.50 each, some fittings may require an additional assembly charge.



Bragg Kliessrath Brake Booster Cylinder Tag

\$12.50
J-4901-25

Adhesive ID tag for use on Bragg Kliessrath brake booster cylinders.

Gold background, measures 1 1/4 x 2 11/16.





Fabric Braid Reinforced Rubber Vacuum Hose

\$12.00
J-4950

Special fabric braid reinforced rubber hose. This is as close to the original heavy wall hose as we could find. Sold and priced per foot.

Measures 1/2" ID and 7/8" OD.



Bragg Kliessrath Brake Booster Cylinder Bracket

\$200.00
J-4906

8620 Steel casting machined and ready for attaching to the brake booster cylinder on Duesenberg Model J. Frame attachment points have been left unmachined so the casting can be custom fit to each car.

Stud hole centers: 3 3/16; Width: 4 3/4; Length: 7.00; Height: 3 1/16



Bragg Kliessrath Brake Booster Air Cleaner Cover, Top Hole Style

\$55.00
J-4901-7

Bragg Kliessrath brake booster air cleaner cover. Used for containing the air cleaner filter material in cars using 6" diameter brake boosters. Top hole style.

Material: Steel; Finish: Cadmium plated; OD: 2 7/8; ID: 1.265; Height: .735; Top holes ID: 1/4; Center top holes: 2 1/8; Thickness: .030



Bragg Kliessrath Brake Canister Cover

\$350.00
J-4901-2

Cadmium plated bronze casting, fully machined to fit 6" Dia. boosters. Superb detail & durability.



Bragg Kliessrath Brake Booster Air Cleaner Cover, Side Hole Style

\$55.00
J-4901-7-B

Bragg Kliessrath brake booster air cleaner cover. Used for containing the air cleaner filter material in cars using 6" diameter brake boosters. An alternate version to our top hole style air cleaner cover, part #J-4901-7, with holes along the side instead of the top.



Material: Steel; Finish: Cadmium plated; OD: 2 7/8; ID: 1.265; Height: .735; Side holes ID: .283; Thickness: .030

Bragg Kliessrath Brake Canister Shaft

\$89.50
J-4901-16

3/4" O.D. cadmium plated steel shaft 6 1/4" long with 3/4-16 threads and circlip groove on one end. Opposite end drilled and tapped 3/8-24. Has the groove to retain the bellows and flats to hold while tightening the booster cable lock nut.



Brake Booster Piston Rod Washer

\$15.00
J-4901-12

8ga steel washer that fits on the brake canister shaft, our part number J-4901-12. Under cut to fit retaining ring.

Thickness: 8ga.; ID: 3/4; ID at step: .845; OD: 1 1/4; Step depth: .060



Bragg Kliessrath Brake Canister Shaft Bellows

\$66.00
J-4901-5

Rubber bellows to fit 5/8" Dia. shaft. Small end 5/8" I.D., Large end 1.00 I.D., OAL 3 3/4".





Bragg Kliessrath Brake Booster Leather Cup Seal (Lincoln V-12)

\$35.00

MISC-0142

Leather cup seal for Bragg Kliessrath brake booster cylinders used on late 1937-39 Lincoln V-12, may also fit other years. Made of specially formed and treated leather which works much better than the rubber cup frequently substituted for the original leather seal. Must be well oiled after installation.



Material: Leather; OD: 4 1/2; ID: 2 3/4; Height: 1/2; Thickness: 3/32

Bragg Kliessrath Brake Booster Shaft Seal

\$15.00

BRK-0033

Valve seal for Bragg Kliessrath vacuum suspended brake booster.

Material: Teflon; Finish: Natural; OAH: .345; OD Base: 1.285; OD Top: .955; ID: .496; Length of straight: .180; Angle of chamfer: 45'



Bragg Kliessrath Brake Canister Leather Cup Seal

\$52.50

J-4901-20

Seal is 6" O.D. x 4" I.D. x 5/8" high. Made of specially formed and treated .090 leather which works much better than the rubber cup frequently substituted for the original leather seal. Must be well oiled after installation.



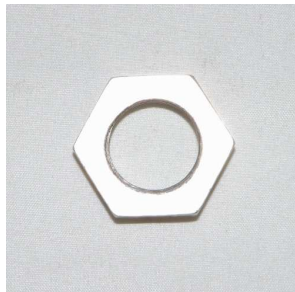
Bragg Kliessrath Brake Booster Piston Rod Nut

\$24.00

J-4901-14

Bragg Kliessrath brake booster piston rod nut.

Material: 303 SS; Finish: Natural; Thread: 3/4-16; Head: 13/32 Hex x 9/32 high



Bragg Kliessrath Brake Booster Piston Rod Washer

\$15.00

J-4901-12

8ga steel washer that fits on the brake canister shaft, our part number J-4901-12. Under cut to fit retaining ring.

Thickness: 8ga.; ID: 3/4; ID at step: .845; OD: 1 1/4; Step depth: .060



Bragg Kliessrath Brake Booster Air Cleaner Spring

\$5.00

J-4901-9

Bragg Kliessrath brake booster cylinder air cleaner spring.

Material: Spring Steel; Finish: Natural; OD: 1.170; ID: 1.050; Wire DIA: .060



Bragg Kliessrath Brake Booster Bellows Retaining Washer

\$13.00

J-4901-3

Bragg Kliessrath brake booster cylinder bellows retaining washer.

Material: Steel; Finish: Cadmium; OD: 1.666, 1.312; ID: 1.237; Height: .160; Thickness: .040



90' Vacuum Hose Elbow

\$37.00

J-4921

Cast bronze vacuum hose elbow for 1/2" I.D. hose with 3/8" pipe thread. Measures 2" x 1 1/4".



Bragg Kliessrath Brake Valve Lower Housing

\$225.00

J-4904-2

Fully machined aluminum casting for the lower half of Bragg Kleisrath brake valves. Used on many automobiles of the 1920's and 1930's including Duesenberg, Packard, Lincoln, Stutz and more.





Bragg Kliersath Brake Valve Bellows

\$16.00
J-4904-7

Formed rubber bellows to fit over the valve shaft & body to exclude dust and water from the vacuum valve.



Bragg Kliersath Brake Valve Three Finger Spring

\$105.00
J-4904-3

Phosphor bronze three finger spring to return the valve to the "off" position.



Bragg Kliersath Brake Valve Upper Housing

\$225.00
J-4904-8

Fully machined aluminum casting for the upper half of Bragg Kleisrath brake valves. Used on many automobiles of the 1920's and 1930's including Duesenberg, Packard, Lincoln, Stutz and more.



Bragg Kliersath Brake Valve Diaphragm Spring

\$105.00
J-4904-4

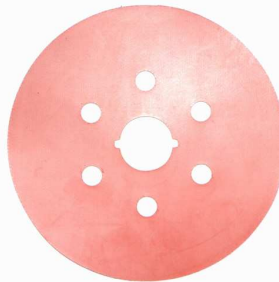
Phosphor bronze spring to hold the diaphragm against the housing.



Bragg Kliersath Brake Valve Diaphragm

\$13.50
J-4904-1

Precision die cut fabric reinforced neoprene rubber to replace original paper diaphragm - this new diaphragm will last forever. Measures: O.D. 3 3/4", I.D. 3/4".



Bragg Kliersath Brake Booster Check Valve Seal, Large DIA.

\$8.50
MISC-0247

Teflon brake booster check valve seal for large diameter brake boosters such as those used on trucks and commercial vehicles.

Material: Teflon; Finish: Natural; OAL: .408; Length under head: .280; Head OD: .5625; Shaft OD: .200



Bragg Kliersath Diaphragm Opening Shaft & Disk

\$125.00
J-4904-5

Cadmium plated steel drilled and tapped 1/2-20 on one end. Other end has integral disk to open the diaphragm.



Bragg Kliersath Brake Valve Yoke

\$47.50
J-4905

Steel yoke to fit on the brake valve. Cadmium plated, drilled for 5/16" clevis pin, has 1/2-20 thread 1 1/8" long. Yoke is 3/4" x 3/4" x 1" long.



Bragg Kliersath Brake Valve Diaphragm Support Washer

\$37.00
J-4904-6

Steel washer to support the diaphragm. Fits into the lower aluminum casting.



Bragg Kliersath Brake Control Unit Housing

\$131.50
J-4910-1

Cadmium plated lost wax bronze casting control unit has 1/8" pipe vacuum port for the wiper motor, two 3/8" pipe ports for vacuum connections, 5/8" shank is threaded for mounting to the instrument panel or mounting bracket.

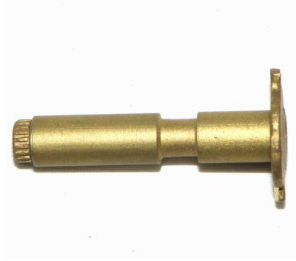


Bragg Kliersath Brake Booster Vacuum Control Splined Shaft

\$75.00
J-4910-7

Brass shaft with splined end to fit the control knob or adapter plate. Has an eared plate on one end to fit raising ramp inside control housing.

Measures: 1 3/4" O.A.L., 5/16" O.D. shaft.



Bragg Kliersath Brake Vacuum Control, Stutz

\$75.00
MISC-0193

Brake booster vacuum control used on Stutz. Eared plate on one end fits the raising ramp inside the control housing.

Material: Brass; Finish: Natural; OAL: 2.035; Disc width: .850, .605 OD; Shaft length: 1.956; Shaft large OD: .312; Shaft small OD: .226



Bragg Kliersath Brake Coupling Collar

\$20.00
J-4910-9

Brass plate with splined I.D. to fit on end of regulator shaft to allow control cable to rotate the regulator shaft.

9/16" O.D. x 1/8" thick with two 3/16" notches.

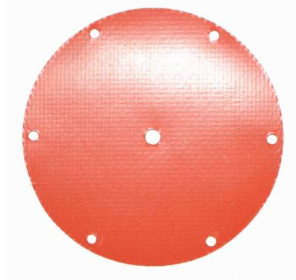


Bragg Kliersath Brake Regulator Diaphragm

\$10.50
J-4910-3

Fabric reinforced neoprene regulator diaphragm precision diecut to replace original paper diaphragm. This long life part has not been known to fail.

Measures: 3 1/16" O.D., 3/16" I.D.



Bragg Kliersath Brake Regulator External Spring

\$4.50
J-4910-5

Steel compression spring which fits over the diaphragm support shaft where it passes through the vacuum control valve steel cover.



Bragg Kliersath Brake Regulator Internal Spring

\$4.50
J-4910-8

Steel compression spring which fits over the diaphragm support shaft where it pilots into the vacuum control valve rotating shaft. This spring transfers the lifting motion of the rotating shaft to open the control valve diaphragm.



Bragg Kliersath Brake Regulator Elbow Adaptor

\$47.50
J-4917-A

Cadmium plated steel adaptor has 3/8" pipe thread inside & 7/8" thread outside on one end. The other end is thread to screw onto 3/8" 45° flare elbow. Measures 2 1/16" long.



Bragg Kliersath Brake Regulator Knob For Dash

\$48.00
J-4913

Cast bronze with I.D. splines to fit the control valve shaft. This high quality knob is produced from a lost wax casting and has excellent detail.



Bragg Kliersath Brake Weather Dial Tag

\$85.00
J-4914

Beautiful reproduction chrome & black enamel plate ready for installation.

5/8" I.D., 2 1/2" long, 2 3/16" high.





Bragg Kliessrath Regulator Control Shaft Nut

\$5.00

J-4916

Special cadmium plated steel nut. Fits part #J-4915 bushing to hold the bushing in the instrument panel.



Bragg Kliessrath Brake Regulator 45' Flare Elbow

\$8.00

MISC-0002

Cast bronze elbow with 3/8" pipe thread and 45° flare with 1/2" tube for a 3/8" pipe.



Bragg Kliessrath Brake Booster Vacuum Control Shaft Nut

\$17.00

J-4910-4

Bragg Kliessrath brake vacuum control valve shaft nut.

Material: Brass; Finish: Natural;
Thread: 8-32; Head: 5/16 OD x .080;
OAL: .205; Body: 1/4 OD x 1/8;
Slot: .060 x 1/8



Bragg Kliessrath Brake Booster Vacuum Control Valve Shaft Disk

\$26.50

J-4910-6

Bragg Kliessrath brake vacuum control valve shaft disk.

Material: Steel; Finish: Cadmium; OD: 1.887; ID: .275; Height: .075; Thickness: .040



Bragg Kliessrath Brake Booster Vacuum Control Valve Shaft

\$79.00

J-4910-2

Bragg Kliessrath brake booster vacuum control valve shaft.

Material: Brass; Finish: Natural

Disc: Main: 1 1/8 x .060, Step 1: .530 x .020, Step 2: .642 x .040

Threaded Post: OD: 3/16 x 3/4,
Thread: 10-32;

Non Threaded Post: OD: 3/16 x .787



Bragg Kliessrath Brake Booster Vacuum Control Shaft Spring Washer

\$1.00

J-4910-10

Bragg Kliessrath brake vacuum control shaft spring washer.

Material: Steel; Finish: Natural; OD: .383; ID: .200; Thickness: .034



Bragg Kliessrath Brake Booster Vacuum Control Cover Plate

\$79.00

J-4910-11

Bragg Kliessrath brake vacuum control cover plate.

Material: Steel; Finish: Natural; OD: 3.038; ID: .208; Height: .196; Thickness: .062



Bragg Kliessrath Brake Booster Control Collar

\$4.00

J-4911

Bragg Kliessrath brake vacuum control coupling collar.

Material: Brass; Finish: Natural; OD: 3/4; ID: 5/8; OAL: 1/4; Thickness: .062



**Bragg Kliessrath Brake Booster Control Washer**

\$4.00

J-4912

Bragg Kliessrath brake vacuum control washer.

Material: Brass; Finish: Natural; OD: 3/4; ID: 5/8; OAL: .080; Thickness: .062

**Bragg Kliessrath Brake Booster Instrument Board Bushing**

\$16.00

J-4915

Bragg Kliessrath brake vacuum control instrument board bushing.

Material: Brass; Finish: Natural; Thread: 5/8-18; ID: .319; OAL: 1.00; Head: 11/16 Hex x .387 high

**Bragg Kliessrath Brake Booster Vacuum Control Support Nut**

\$16.00

J-4918

Bragg Kliessrath brake vacuum control support nut.

Material: Steel; Finish: Natural; Thread: 7/18-18; Hex: 1 1/16; Thickness: .200

**Bragg Kliessrath Brake Cylinder Bellows, Packard**

\$65.00

P-0129

Rubber bellows for 1937-39 Packard V-12 vacuum brake cylinders.

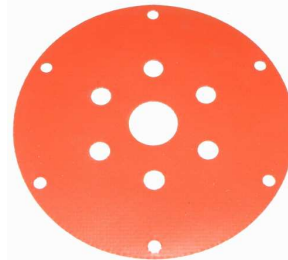
OAL: 6.00; ID: 5/8 and 1.045; OD: 1.366 to 2

**Bragg Kliessrath Brake Booster Valve Diaphragm, Packard**

\$13.00

P-0021

Fabric reinforced silicone rubber die cut diaphragm for Type Q Bragg Kliessrath brake booster valves. Commonly used on Packard and other cars of the late 1930's. Measures 4 1/4 OD, 3/4 ID.

**Packard V-12 Brake Booster Leather Seal**

\$40.00

P-0131

Leather seal for the brake boosters used on 1937 Packard V-12, may also be compatible with other years. This is the smaller of the two leather seals.

Material: Leather; Finish: Natural; ID: 2.500; OD: 3.688; Thickness: .097; Height: .475

**Packard V-12 Vacuum Brake Cylinder Rubber Boot**

\$14.00

P-0136

Rubber boot as used on actuating valve rod, clutch and brake vacuum cylinder on 1937 Packard V-12, may also be compatible with other years. Quantity of two used per car. Part of Packard assembly number 237016-7.

Material: Rubber; OAW: .875; Bottom OD: .500; OAH: .625

**Duesenberg A Hand Brake Lever Spring**

\$8.00

JA-1398

Duesenberg Model A hand brake lever spring.

Material: Spring steel; Coils: 15.5; Wire size: .042; OD: .276; Free length: 1.550



Duesenberg J Hand Brake Lever Spring

\$12.00

J-2240

Duesenberg Model J hand brake lever spring.

Material: CS wire; Coils: 58.5; Wire size: .067; OD: .555; Free length: 3.871; OAL: 5.951; Hook ID x point to outside: .340 x .400



Duesenberg J Hand Brake Shoe Spring

\$6.50

J-2231

Duesenberg Model J hand brake shoe spring. Two sizes/styles available.

Style #1

Material: Spring steel; Coils: 6; Wire size: .083; OD: .843; Free length: 1.030



Style #2

Material: Spring steel; Coils: 7; Wire size: .092; OD: .875; Free length: 1.250

Stutz Hand Brake Drum Bolt Lock Washer

\$7.50

STZ-0011

Laser cut steel lock washer for transmission companion flange bolt. Known to fit 1931 DV-32. May also fit other years and models of Stutz.

Material: Steel; Finish: Black oxide; OD: 2.250; ID: 1.593; Thickness: .035; Tab: .250 x .090



Maserati Ghibi Brake Lock Plate

\$16.50

MAS-0008

Laser cut cadmium plated steel lock plate for the rear brake caliper mounting bolt on Maserati Ghibli.

Material: Steel; Finish: Cadmium; OAL: 3.635; Width: .742; Thickness: .045; Hole: .250; Hole centers: 2.242

