

EFFECTIVE NOVEMBER 10TH, 1927

REVISED APRIL 25, 1930

Repair Parts Price List
FOR
Six Cylinder Engines

MODELS

DS-6
3⁵/₈" x 5"

BUS
4" x 5¹/₈"

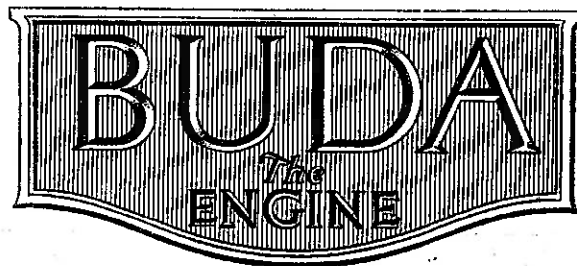
GL-6
4¹/₂" x 6"

GF-6
4³/₄" x 6"

DW-6
3³/₄" x 5"

BA-6
4¹/₈" x 5¹/₈"

HS-6
3³/₈" x 4¹/₂"



No. 590-E

THE BUDA COMPANY

HARVEY [Chicago Suburb] ILLINOIS

Instructions for Ordering Parts

Your order for parts must be clear and concise in order to insure prompt and accurate service. Always state the letters representing the engine model, for although parts may be similar in appearance they are not always interchangeable between models. Then give B/M number and serial number which will be found on the name plate fastened to the side of the crank case.

Each engine is registered under its number at the factory.

EXAMPLE 1—You desire a cylinder block for Model "BUS" engine. Your order should read:

1 only—Part Number 1 cylinder block for Model "BUS" engine. B/M No. Serial No.

EXAMPLE 2—You desire a cylinder block fitted with pistons and piston rings for Model "BUS" engine. Your order should read:

1 only—Part Number 2 cylinder block fitted with pistons and piston rings for Model "BUS" engine. B/M No. —Serial No.

EXAMPLE 3—You desire a cylinder block assembly fitted with valves, valve springs, etc. for Model "BUS" engine. Your order should read:

1 only—Part Number 3 cylinder block assembly for Model "BUS" engine. B/M No. —Serial No.

EXAMPLE 4—You desire a cylinder block assembly same as No. 3, but fitted with pistons and piston rings for Model "BUS" engine. Your order should read:

1 only—Part Number 4 cylinder block assembly for Model "BUS" engine. B/M No. —Serial No.

EXAMPLE 5—You desire six crank shaft rear bearings for Model "BUS" engine. Your order should read:

6 Part No. 120—Crank shaft rear bearing—Upper. For Model "BUS" engine.
6 Part No. 120-A Crank shaft rear bearing—Lower. For Model "BUS" engine, B/M No. Serial No.

All crank shaft and connecting rod bearings are furnished in halves and upper and lower halves are different. The front of an engine is always considered the timing gear end.

When ordering parts that are assembled together in construction of the engine, state whether same are to be fitted together, for instance:

You desire one crank case and one oil pan—state "fitted together" if so desired, otherwise state "separate units." Do not use the word "complete." It is indefinite and causes confusion. Be specific and state exactly what is wanted.

Do not designate quantity by sets—state exactly how many parts are wanted.

All parts are F. O. B. Harvey, Illinois.

Give full shipping instructions—state whether express, parcel post or freight. Transportation charges are extra.

PARTS RETURNED FOR CREDIT

All claims must be made within three days after receipt of goods.

Give your invoice number against which credit is to be applied.

Transportation charges must be prepaid.

Never return a part to our factory without identifying same in the following manner:

Write us a letter informing what you are returning and why.

Place tag on the outside of the box or package showing your name and address.

Tag each article in the box or package stating what, how many and why returned.

Don't fail to specify engine number from which part was removed.

WARNING

We caution you against the purchase of engine parts not made by the Buda Company. The parts entering into the construction of Buda Engines are made to exact specifications, from exceptionally high grade materials specially selected. Both the raw materials and the parts during the various processes of manufacture are subjected to frequent and rigid inspections to guard against any possibility of defect in material or workmanship. There are on the market many parts identical with the Genuine Buda Engine Parts in dimensions and appearance but which are made of inferior material and will not give satisfactory service.

TERMS

Cash with order, except to manufacturers who may have a regular account with us. Send post office or express money order; or remit in Chicago or New York funds.

BUDA GENERAL WARRANTY

The Seller guarantees all engines or parts thereof against defective workmanship and material for a period of six (6) months from date of original shipment, and agrees to replace promptly any engines or parts thereof that may be returned to the Seller as defective, transportation charges prepaid, which, upon examination by the Seller, prove defective as claimed.

It is understood that the foregoing guarantee does not cover any parts or accessories that may be bought by the Seller in the open market and used on these engines. The Seller agrees, however, that its guarantee on such accessories or parts furnished, shall be to the extent that it is protected by the guarantee of the manufacturer of such parts or accessories furnished.

We reserve the right to incorporate at any time such changes deemed advisable for the betterment of BUDA PRODUCTS without obligating ourselves to supply such parts for existing equipment.

THE BUDA COMPANY.

Prices Shown Herein Supersede All Other Quotations and are Subject to Change Without Notice.

All parts are interchangeable in the DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6 engines, with the exception of the following parts:

NAME OF PARTS	Catalog No.	DW-6 3¾" x 5"	BA-6 4½" x 5½"	GF-6 4¾" x 6"
Cylinder Block, fitted with following parts..... 12 Valve Guides. 12 Push Rod Guides. All Cylinder Head, Exhaust Manifold and Valve Enclosure Cover Studs.	1	\$130.00	\$180.00	\$220.00
Cylinder Block No. 1, fitted with Pistons and Rings.....	2	170.00	235.00	280.50
Cylinder Block No. 2, fitted with (6) Piston Pins.....	2-A	178.00	246.00	292.60
Cylinder Block No. 1, fitted with following parts..... 12 Valves. 12 Valve Springs. 12 Valve Spring Cups. 24 Valve Spring Cup Retainers. 12 Push Rods. 12 Push Rod Guides. 12 Push Rod Adjusting Screws and Nuts.	3	208.00	240.00	286.00
Cylinder Block No. 3, fitted with Pistons and Rings.....	4	240.00	295.00	346.00
Cylinder Block No. 4, fitted with (6) Piston Pins.....	4-A	250.00	306.00	358.60
Cylinder Head.....	11	36.00		
Cylinder Valve—Inlet—1 pc. Steel.....	19	1.30		
Cylinder Valve—Exhaust—Silchrome.....	19-S	2.50		
Cylinder Valve Push Rod—(Mushroom Type).....	25-A	1.00		
Cylinder Valve Push Rod Guide—For Part 25-A.....	26-A	.75		
Cylinder Valve Push Rod Adjusting Screw.....	28	.30		
Cylinder Valve Push Rod Adjusting Screw Nut.....	29	.06		
Piston (with 2 Retainer Rings).....	280			6.60
Piston—DeLuxe—Special.....	280-B		6.50	8.25
Piston Rings.....	281	.25	.30	.40
Piston Pins.....	283	.90	.90	1.60
Piston Rings (Oil Wiper Type).....	282	.50	.60	.80

Interchangeability of Parts Listed in This Bulletin

To enable you to determine the interchangeability of parts between the different models as listed herein, we have indicated by a (†) and (*) those parts which are interchangeable.

Where the (†) is used, same indicates that all parts so marked are interchangeable between the several models as, for example:

Part No. 36, Cylinder Priming Cup, marked with a (†) indicates that this part is interchangeable on all model engines listed in this bulletin.

Where you note the (†) and the (*) used after list prices of the part number, this signifies that the parts followed by the (†) are interchangeable between those models only, and the (*) that the parts are interchangeable between those models only as, for example:

Part No. 25, Cylinder Valve Push Rods, you will note is followed by the (†) under models HS-6, HS-6-A, DS-6 and DW-6, and is interchangeable between these models; this same part is followed by the (*) under models BUS, BA-6, GL-6 and GF-6, and is interchangeable between these models.

As a further example, part No. 24-A, you will note, is not followed by either of the above marks under the HS-6 and HS-6-A column, but the same part is followed by the (†) under the DS-6, DW-6, BUS, BA-6, GL-6 and GF-6 column and is interchangeable between these models.

THE BUDA COMPANY.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6*	BUS BA-6*	GL-6 GF-6*
Regrinding of old Cylinder and fitting new Pistons and Rings.		\$ 65.00	\$ 70.00	\$ 75.00	\$ 85.00
Note: When ordering model BUS Cylinders with Pistons, specify whether for 1½" or 1½" Pins.					
Cylinder.....	1	115.00	{ 125.00 130.00*	160.00 180.00*	200.00 220.00* }
Fitted with following parts:					
12 Valve Guides.					
12 Push Rod Guides.					
All Cylinder Head,					
Exhaust Manifold and Valve					
Enclosure Cover Studs					
Cylinder Block No. 1.....	2	150.00	{ 160.00 170.00*	205.00 235.00*	255.00 280.50* }
Fitted with Pistons and Rings:—(See Note).					
Cylinder Block No. 2.....	2-A	158.00	{ 168.00 178.00*	216.00 246.00*	266.00 292.60* }
Assembled with (6) Piston Pins:—(See Note).					
Cylinder Block No. 1.....	3	165.00	{ 180.00 208.00*	220.00 240.00*	260.00 286.00* }
Assembled with:					
12 Valves					
12 Valve Springs					
12 Valve Spring Cups					
24 Valve Spring Cup Retainers					
12 Push Rods					
12 Push Rod Adjusting Screws					
12 Push Rod Adjusting Screw Lock Nuts					
Cylinder Block Assembly No. 3.....	4	200.00	{ 217.00 240.00*	265.00 295.00*	315.00 346.00* }
Assembled with (6) Pistons—24 Rings:—(See Note).					
Cylinder Block No. 4.....	4-A	208.00	{ 225.00 250.00*	276.00 306.00*	326.00 358.60* }
Assembled with (6) Piston Pins:—(See Note).					
Cylinder Base Gasket.....	10	.35	.40	.50	.55
Cylinder Head—Cast iron standard.....	11	30.00	35.00	45.00	60.00
Cylinder Head—Cast iron for dual ignition.....	11-A			58.00	80.00
Cylinder Head Gasket.....	12	2.00	2.25	3.00	5.00
Cylinder Head Stud—short.....	13	.12†	.15†	.25	.30
Cylinder Head Stud—long.....	13-A	.15†	.15†		
Cylinder Head Stud Washer.....	15	.03†	.03†	.04	.04
Cylinder Head Stud Nut.....	16	.10†	.10†	.10	.12
Cylinder Valve—inlet—1-pc. steel.....	19	1.00	1.30	1.50	1.75
Cylinder Valve—exhaust—Silerome.....	19-S	1.90	2.50	2.60	3.50
Valve Seat Inserts.....	19-B	.20	.20	.30	.30
Cylinder Valve Stem Guide.....	21	.65	.70	.70	1.00
Cylinder Valve Spring.....	22	.15	.15	.20	.30
Cylinder Valve Spring Cup.....	23	.10	.10†	.10†	.10†
Cylinder Valve Retainer Halves (per half).....	24-A	.12	.12†	.12†	.12†
Cylinder Valve Push Rod (inc. cap).....	25	1.40†	1.40†	2.00*	2.00*
Cylinder Valve Push Rod—(Mushroom Type).....	25-A	1.25†	1.25†		
Cylinder Valve Push Rod Guide.....	26	.50†	.50†	.60	.80
Cylinder Valve Push Rod Guide—for Part 25-A.....	26-A	.75†	.75†		
Cylinder Valve Push Rod Adjusting Screw.....	28	{ .20† .30†	{ .20† .30†	.35*	.35*
Cylinder Valve Push Rod Adjusting Screw Nut.....	29	.06†	.06†	.08*	.08*
Valve Enclosure Cover (Marine Type).....	31	.70	.70	.75	.75
Valve Enclosure Cover Gasket (Marine Type).....	32	.10	.10	.20	.20
Cylinder Valve Enclosure Cover.....	33	.60	.60	.65	.70
Cylinder Valve Enclosure Cover Capscrew.....	34	.15†	.15†		
Cylinder Valve Enclosure Cover Stud.....	34-A			.25†	.25†
Cylinder Valve Enclosure Cover Stud Nut.....	34-B			.16†	.16†
Cylinder Valve Enclosure Cover Gasket.....	35	.10	.10	.20	.20
Valve Enclosure Cover Vent Elbow.....	35-A	1.20	1.20	1.20	1.20
Valve Enclosure Vent Connection.....	35-B	.25	.25	.25	.25
Cylinder Priming Cup (not furnished regularly).....	36	.90†	.90†	.90†	.90†
Cylinder Priming Cup Hole Plug.....	36-A	.06†	.06†	.06†	.06†
Cylinder Water Jacket Cover.....	42			7.00	8.00
Cylinder Water Jacket Cover—Aluminum (Special).....	42-A			22.00	24.00
Cylinder Water Jacket Cover Gasket.....	43			.85	.90
Cylinder Water Outlet Elbow.....	44	2.00†	2.00†	1.50	1.50
Cylinder Water Outlet—N. K. Plated.....	44-A			3.00	3.00
Cylinder Water Outlet Elbow Gasket.....	45	.10†	.10†	.10*	.10*

*This star covers prices of parts as used only on the models designated by this same sign.

List Prices Supersede All Previous Prices and Are Subject to Change Without Notice.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Water Outlet Elbow Adaptor.....	46	\$.55	\$.55	\$	\$
Cylinder Exhaust and Intake Pipe (3-piece).....	51	25.00	30.00	45.00	52.00
Cylinder Exhaust Pipe (only).....	52	15.00	17.00	23.00	27.50
Cylinder Intake Pipe Gasket—middle.....	52-A	.20	.40		
Cylinder Swan Intake Pipe (only).....	53	6.50	8.50	11.00	14.00
Above three pieces not sold separately					
Cylinder Intake Pipe Riser (for Gov.).....	53-A			4.35	4.60
Cylinder Intake Riser.....	53-B			6.30	5.00
Cylinder Intake Riser Plate.....	53-C			.50	.50
Cylinder Intake Riser Plate Stud.....	53-D			.10	.10
Cylinder Intake Riser Plate Gasket.....	54-A			.30	.30
Cylinder Exhaust and Intake Manifold Clamp Stud.....	55	.10†	.10†	.20	.25
Cylinder Exhaust and Intake Manifold Stud Washer.....	56			.25	.25
Cylinder Exhaust and Intake Manifold Gasket (1-piece).....	57-A	1.25	2.00	.80	2.00
Cylinder Gas Intake Hot Spot Gasket (upper).....	58			.40	.50
Cylinder Gas Intake Hot Spot Gasket (lower).....	59			.30	.30
Cylinder Exhaust Manifold Flange.....	61	.70	1.00†	1.00†	1.00†
Cylinder Exhaust Manifold Flange Gasket.....	62	.30	.30†	.30†	.30†
Intake Vacuum Line Plug.....	62-A	.06†	.06†	.06†	.06†
Magneto Wire Holder.....	63	2.70†	2.70†	2.20*	2.20*
Distributor Wire Cables—per set of 6.....	64	4.20	4.20	4.20	4.20
Carburetor Extension.....	71	1.00	1.00		
Crank Case Assembly—less bell housing.....	80	144.00	162.00		
Crank Case (Aluminum).....	81	180.00	200.00	380.00	500.00
Always furnished and fitted with the following parts:					
All Cylinder Hold down Studs					
All Bearing Cap Studs, Bolts and Nuts					
Front Main Bearings, upper and lower					
Front Center Main Bearings, upper and lower					
Rear Center Main Bearings, upper and lower					
All Main Bearings, Caps and Cap Straps					
All Cam Shaft Bearings					
One Oil Distributing Pipe					
Oil Regulating Valve Spring, Seat and Screw, with Washers					
Oil Pan (lower half of crank case).....	82	30.00	45.00	65.00	95.00
Oil Pan (Pressed Steel Type).....	82-B	12.00			
Oil Pan Baffle Plate—Front.....	83	.50		2.25	2.50
Oil Pan Baffle Plate Capscrew.....	83-A	.08†	.08†	.08†	.08†
Oil Pan Baffle Plate Gasket.....	83-B	.05			
Oil Pan Crank Case 1-piece Gasket.....	84	1.00	1.00	1.25	1.50
Oil Pan Capscrew—long.....	85	.40	.40	.40	.40
Oil Pan Drain Plug.....	86	.10			
Oil Pan Drain Plug Gasket.....	86-A	.25			
Oil Pan Drain Cock Assembly.....	87	3.70†	3.70†	3.70*	3.70*
Crank Case Oil Drain Lever Lock.....	87-A	1.20†	1.20†	1.20*	1.20*
Oil Pan Drain Cock.....	87-B	2.50†	2.50†	2.50*	2.50*
Crank Case Bell Housing.....	88	34.00	36.00		
Crank Case Bell Housing Dowell Pin.....	89	.50†	.50†		
Bell Housing Stud.....	89-A	.15	.15		
Bell Housing Stud Nut.....	89-B	.06	.06		
Generator Support Bracket for Hand Hole Cover.....	90			2.65	2.65
* Crankshaft Front Bearing, Upper—Unfinished.....	92	1.37	1.66	1.60	2.40
* Crankshaft Front Bearing, Lower—Unfinished.....	93	1.37	1.66	1.60	2.40
* Crankshaft Front Bearing, Upper and Lower, Standard.....	92 and 93	3.20	3.70	3.50	5.30
* Crankshaft Front Bearing, Upper and Lower, 1/8" Undersize.....	92 and 93	3.70	4.20	3.90	5.80
Crankshaft Front Bearing Cap.....	94	1.25	1.25	4.50	5.30
Crankshaft Front Bearing Cap Strap.....	95			2.50	3.00
Crankshaft Front Bearing Cap Strap Gasket, R. H.....	95-A			.05	.05
Crankshaft Bearing Cap Oil Seal.....	95-B			.10*	.10*
Crankshaft Front Bearing Shim.....	96	.28	.30	.28	.24
Crankshaft Front Bearing Oil Line.....	97			.50	.50
* Crankshaft Second Bearing, Upper—Unfinished.....	98	1.70	2.47	1.60	2.40
* Crankshaft Second Bearing, Lower—Unfinished.....	99	1.70	2.47	1.60	2.40
* Crankshaft Second Bearing, Upper and Lower, Standard.....	98 and 99	3.70	5.50	3.50	5.30
* Crankshaft Second Bearing, Upper and Lower, 1/8" Undersize.....	98 and 99	4.30	6.00	3.90	5.80
Crankshaft Second Bearing Cap.....	100	1.25	1.25	4.50	5.30
Crankshaft 1st, 2nd and 3rd Bearing Cap Strap Shim.....	100-A			.60	.65
Crankshaft Second Bearing Cap Strap.....	101			2.50	3.20
Crankshaft Second and Third Cap Strap Gasket, R. H.....	101-A			.05	.05
Crankshaft Second and Third Cap Strap Gasket, L. H.....	101-B			.05	.05
Crankshaft Second Bearing Shim.....	102	.28	.30	.28	.24

* Note: Unfinished main bearings have .028" stock left in them for reaming in place and can be furnished separately. Standard reamed and 1/8" undersize bearings are priced and can only be furnished in pairs.

List Prices Supersede All Previous Prices and Are Subject to Change Without Notice.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Crankshaft Second and Third Bearing Oil Line.....	103				
Crankshaft Oil Line Gasket.....	104	\$	\$	\$.50	\$.50
* Crankshaft Third Bearing, Upper—Unfinished.....	105	1.47	2.12	2.14	3.08
* Crankshaft Third Bearing, Lower—Unfinished.....	106	1.47	2.12	2.14	3.08
* Crankshaft Third Bearing, Upper and Lower, Standard.....	105 and 106	3.40	4.70	4.70	6.80
* Crankshaft Third Bearing, Upper and Lower, 1/8" Undersize.....	105 and 106	3.80	5.20	5.20	7.60
Crankshaft Third Bearing Cap.....	107	1.40	1.40	4.25	5.30
Crankshaft Third Bearing Cap Strap.....	108			2.50	3.20
Crankshaft Bearing Cap Strap Capscrew.....	108-B			.20	.20
Crankshaft Third Bearing Shim, (R. H., HS-6, DS-6, DW-6) ..	109	.28	.30	.28	.24
Crankshaft Third Bearing Shim, L. H.....	110	.28	.30		
Crankshaft Front and Intermediate Bearing Studs.....	111	.20	.20	.30	.30
Crankshaft Third Bearing Stud, L. H.....	111-A	.20*	.20*		
Crankshaft Bearing Bolt and Stud Nut.....	112	.08*	.20	.10*	.10*
Crankshaft Rear Bearing Stud.....	113	.20	.20	.25	.25
Crankshaft Rear Bearing Stud Nuts.....	114	.05*	.05*	.08	.10
Crankshaft Bearing Dowel Pin.....	115	.03*	.03*	.05*	.05*
Crankshaft Bearing Retaining Screw.....	116			.15*	.15*
Oil Line Union.....	117			.10	.20
Oil Line Union Nut.....	118			.10	.10
Oil Line Elbow.....	119			.10	.20
* Crankshaft Rear Bearing, Upper—Unfinished.....	120	2.17	2.44	2.31	3.86
* Crankshaft Rear Bearing, Lower—Unfinished.....	121	2.17	2.44	2.31	3.86
* Crankshaft Rear Bearing, Upper and Lower, Standard.....	120 and 121	4.80	5.40	5.00	8.50
* Crankshaft Rear Bearing, Upper and Lower, 1/8" Undersize.....	120 and 121	5.30	6.00	5.60	9.30
Crankshaft Rear Bearing Cap.....	122	5.25	3.75	12.00	16.00
Crankshaft Rear Bearing Cap Oil Return Tube.....	122-A	.12			
Crankshaft Rear Bearing Laminated Shim.....	123	.60	.50	.48	.40
Crankshaft Rear Bearing Cap Strap.....	124			.60	.80
Rear Bearing Oil Line.....	124-A			2.70	2.80
Timing Gear Oil Line or Nipple.....	125	1.00†	1.20†	.75*	.75*
Timing Gear Oil Tube Anchor.....	125-A	.10			
Crankshaft Rear Bearing Oil Retainer Gasket.....	126			.06	.08
Crankshaft Rear Bearing Oil Retainer Cap Screw.....	127			.20	.25
Crank Case Hand Hole Cover.....	130			2.50	3.00
Crank Case Hand Hole Cover for Generator Support Pad.....	131			4.60	5.00
Crank Case Hand Hole Cover Gasket.....	132			.25	.25
Cam Shaft Front Bearing—C. I.....	135	1.00	1.00	2.00	2.00
Cam Shaft Front Bearing Dowell Pin.....	136	.05†	.05†	.05†	.05†
Cam Shaft Center Bearing, Front.....	137	.55	.55	1.15†	1.15†
Cam Shaft Center Bearing, Rear.....	137-A	.55	.55	1.15†	1.15†
Cam Shaft Fourth Bearing.....	137-B	.55	.55		
Cam Shaft Center Bearing Dowell Pins.....	138	.05	.05	.05†	.05†
Cam Shaft Rear Bearing.....	139	.55	.55	.75†	.75†
Cam Shaft Rear Bearing Dowell Pins.....	140	.05	.05	.05†	.05†
Water Pump Gear Shaft Bushing, Frt., Ctr. and Rear.....	145			.90†	.90†
Water Pump Gear Shaft Bushing, Dowell Pin.....	147			.05†	.05†
Water Pump Body Clamp.....	148			1.00	1.25
Distributor Boss Plug.....	150			.30†	.30†
Camshaft Rear End Plug.....	151	1.40	1.40	1.40	1.40
Camshaft Rear End Plug Gasket.....	152	.10	.10	.10	.10
Gear Case Cover with Water Pump Gear Shaft Bushing.....	155	15.00	16.00	18.00	20.00
Gear Case Cover Bushing.....	155-A			.95†	.95†
Gear Case Cover Gasket.....	156	.25	.25	.50	.65
Front Support Bracket Assembly.....	157	3.25	3.75	3.75†	3.75†
Front Support Bracket Bolt.....	158	.35	.35	.35†	.35†
Front Support Bracket Bolt Shim.....	159	.06	.06	.06†	.06†
Front Support Bracket Bolt Nut.....	160	.08	.08	.08†	.08†
Gear Case Cover Oil Retainer.....	161	.12†	.12†		
Gear Case Cover Oil Retainer Spring.....	162	.10†	.10†		
Gear Case Cover Oil Retainer Felt.....	163	.10†	.10†		
Gear Case Cover Plate (for Gov. Opening).....	164	.50†	.50†	.50†	.50†
Gear Case Cover Plate Gasket (for Gov. Opening).....	165	.10†	.10†	.10†	.10†
Gear Case Cover Plate Capscrews.....	166	.06†	.06†	.06†	.06†
Cylinder Hold-Down Stud.....	175	.20†	.20†	.20	.25
Cylinder Hold-Down Stud Nut.....	176	.10†	.10†	.10	.12
Cylinder Hold-Down Stud Nut (Lower).....	177			.05	.08
Cam Shaft Thrust Screw Housing.....	182			1.40†	1.40†
Cam Shaft Thrust Spring.....	183	.15	.15	.20†	.20†

* Note: Unfinished main bearings have .028" stock left in them for reaming in place and can be furnished separately. Standard reamed and 1/8" undersize bearings are priced and can only be furnished in pairs.

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Notes: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Cam Shaft Thrust Plunger.....	184	\$	\$	\$.40†	\$.40†
Cam Shaft Thrust Screw.....	184-A	.50	.50	.50†	.50†
Cam Shaft Thrust Nut.....	185	.08	.08	.15†	.15†
Cam Shaft Thrust Screw Assembly.....	187			2.65	2.65
Oil Pump Assembly.....	190	13.50†	13.50†	27.00	30.00
Including the following parts:					
1 Oil Pump Body					
1 Oil Pump Cover					
2 Oil Pump Gears and Shafts					
1 Oil Pump Spiral Drive Gear					
4 Hex. Head Capscrews					
4 Lockwashers					
Oil Pump Body.....	191	5.00†	5.00†	12.00	14.00
Oil Pump Body Cover.....	191-A	.65†	.65†	.75	1.00
Oil Pump Body Cover Capscrew.....	191-B	.08†	.08†	.08†	.08†
Oil Pump Body Dowell Pin.....	191-C	.05†	.05†		
Oil Pump Gear.....	192	2.75†	2.75†	1.75	3.00
Oil Pump Gear Shaft, Driver.....	194	.50†	.50†	1.25	1.25
Oil Pump Gear Shaft, Driven.....	195	.40†	.40†	.45*	.45*
Oil Pressure Relief Valve.....	196			1.50†	1.50†
Oil Pressure Relief Valve Spring.....	197	.10	.10	.20†	.20†
Oil Pressure Relief Valve Adjusting Screw.....	197-A	.15	.15		
Oil Pressure Relief Valve Spring Nut.....	198				
Oil Pump Adaptor Plate.....	198-A	.30	.30	.55†	.55†
Oil Pump Adaptor Plate Gasket.....	198-B	.05	.05		
Oil Pump Spiral Gear Shaft Thrust Sleeve.....	199	.40†	.40†		
Oil Pump Spiral Gear Shaft Thrust Washer.....	200	.25†	.25†	.25†	.25†
Oil Pump Vacuum Pipe Plug.....	200-A			.06†	.06†
Oil Pump Screen Assembly.....	201	1.00†	1.00†	4.00*	4.00*
Oil Pump Spiral Gear Shaft Bearing, Upper (Short Type).....	202	1.50†	1.50†		
Oil Pump Spiral Gear Shaft Bearing, Lower (Short Type).....	203	.35†	.35†		
Oil Pump Upper Bearing Lockscrew.....	203-A	.35†	.35†		
Oil Pan Hand Hole Cover Plate.....	207	.80†	.80†	.80†	.80†
Oil Pan Hand Hole Cover (Steel Pan).....	207-A	.85			
Oil Pan Hand Hole Cover Gasket.....	208	.08†	.08†	.08†	.08†
Oil Pan Hand Hole Cover Gasket (Steel Pan).....	208-A	.30			
Oil Pump Body Gasket.....	209	.02†	.02†	.05	.05
Oil Pump Body Flange Gasket.....	210	.05†	.05†	.05	.05
Oil Pump Body Flange Capscrew.....	210-A	.15†	.15†	.08	.10
Oil Pump Body Capscrew.....	212	.08†	.08†	.08†	.08†
Oil Pump Spiral Gear—Driven (Short Type).....	213	1.75†	1.75†		
Oil Pump Spiral Gear Shaft (Short Type).....	214	.80	.80		
Oil Pump Spiral Gear Shaft and Bearing Assy. (Short Type).....	215	3.35	3.35		
Oil Pump and Distributor Spiral Gear—Driven (Slotted).....	216	2.00†	2.00†		
Oil Pump and Distributor Drive Shaft (Long Type).....	216-A	2.20	2.30		
Oil Pump and Distributor Drive Shaft Bearing, Upper.....	217	1.60†	1.60†		
Oil Pump and Distributor Drive Shaft Bearing, Lower.....	217-A	.40†	.40†		
Governor Drive Assembly.....	218	5.75	5.75		
Governor Drive Shaft.....	220	.90	.90		
Governor Drive Bearing Clamp Bolt.....	221	.10†	.10†	.10†	.10†
Governor Drive Bearing Screw.....	222	.04†	.04†	.04†	.04†
Governor or Oil Pump Drive Spiral Gear.....	223	1.25†	1.25†	1.60	1.60
Governor Drive Bearing.....	225	2.00	2.00	2.25	2.25
Governor Drive Bearing Cap.....	226	.20†	.20†	.20	.20
Governor Drive Housing Cover.....	226-A	.30†	.30†	1.35*	1.35*
Governor Drive Bearing and Housing Gasket.....	226-B	.02†	.02†	.02*	.02*
Governor Drive Bearing Housing Screw.....	226-C	.04†	.04†	.04†	.04†
Tackometer Drive Assembly.....	227			3.00	3.00
Oil Pump Upper Bearing Lockscrew.....	228	.35†	.35†	.15*	.15*
Try Cock for Oil Line.....	229			.40	.40
Oil Pump Drive Shaft Intermediate.....	230	1.50	2.40		
Flywheel Housing Cover Plate.....	236	.15†	.15†	.20*	.20*
Flywheel Housing Cover Plate Capscrew.....	236-A	.05†	.05†	.05†	.05†
Oil Line "U" Tube and Nut.....	238			2.50†	2.50†
Oil Line "U" Tube Elbow.....	239			.40†	.40†
Oil Dist. Pipe Cast in Crank Case.....	240	1.50	1.50	1.60	1.75
Oil Distributing Pipe Plugs.....	241	.06†	.06†	.06†	.06†
Oil Pressure Regulating Valve Seat.....	242	.20†	.20†	.20†	.20†
Oil Pressure Regulating Valve Spring.....	243	.16†	.16†	.16*	.16*
Oil Pressure Regulating Valve Adj. Screw.....	244	.40†	.40†	.40†	.40†
Oil Pressure Regulating Valve Adj. Screw Washer (Specify .007" or 1/32" thick).....	245	.05†	.05†	.05†	.05†

List Prices Supersede All Previous Prices and Are Subject to Change Without Notice.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6*	GL-6 GF-6*
Crankshaft.....	250	\$115.00	\$135.00	\$150.00	\$200.00
Crankshaft Gear.....	251	4.50	5.00	7.00	8.00
Crankshaft Oil Slinger Retainer Sleeve.....	251-A	1.00†	1.00†		
Starting Crankshaft Pin.....	253	.10†	.10†	.06†	.06†
Crankshaft Extension Shaft.....	254			2.00†	2.00†
Crankshaft Oil Slinger.....	255	.15†	.15†	.06*	.06*
Crankshaft Jaw.....	256	1.75	1.75	2.00	2.00
Connecting Rod Assembly.....	261			18.75	29.00
Includes following parts:					
1 Connecting Rod and Cap					
2 Connecting Rod Bearings					
2 Connecting Rod Bolts					
2 Connecting Rod Bolt Nuts					
1 Bushing, Piston Pin End					
2 Each Brass and Laminated Shims					
4 Bearing Retainer Screws and Dowell Pins					
Connecting Rod Bearing Crankshaft End, Per Half.....	262			1.40	1.80
Connecting Rod Bushing Piston Pin End.....	264	.30	.44	.54	.68
Piston Pin Bushing (for 1 1/8" Pin).....	264-A			.90	
Connecting Rod Bolt.....	265	.25	.25	.20	.25
Connecting Rod Bolt Nut.....	267	.10†	.10†	.10†	.10
Connecting Rod Shim—Solid Brass.....	268	.04	.06	.06	.07
Connecting Rod Brass Shim (for Bronze Back Bearings).....	268-A			.06	
Connecting Rod Laminated Shim—1/8".....	269	.10	.12	.18	.20
Connecting Rod Shim—1/8".....	269-A				.30
Connecting Rod Laminated Shim—1/8" (For Bronze Back Bearings).....	269-B			.18	
Connecting Rod Bearing Retainer Screws.....	270			.15†	.15†
Connecting Rod Bearing Retainer Dowel Pins.....	274			.05	.05
Note. —Nos. 261, 264-A, 268-A, 269-B, 269-A, 270, 274 are not used with babbitted in bearing type connecting rods.					
Connecting Rod Assembly—Babbitted Type Bearings.....	275	11.00	14.00	17.50	23.00
Charge for rebabbitting your old connecting rod and cap (provided they are returned to us in a usable condition and not filed on the shim surfaces).....	275-A	4.75	5.50	6.50	8.00
Note. —Nos. 275 and 275-A include the following new parts: 1 Conn. Rod and Cap, with babbitted bearings 1 Piston Pin Bushing and All Conn. Rod Bolts, Nuts and Shims.					
Piston (Buda Grey Iron)—Finished..... (Stock Sizes—Std., +.010, +.020, +.030, +.040. All other sizes special.)	280	4.60	5.00	6.00	7.00
Piston (Buda Grey Iron)—Semi-finished..... (These Pistons leave our factory completely machined with the exception of the outside diameter, which has 1/8" or more stock for grinding to the desired size.)	280	4.00	4.40	5.40	6.25
Piston (Buda Grey Iron)—Finished or Unfinished..... (For 1 1/8" piston pin.)	280-A			5.00	
Piston (De Luxe Grey Iron)—Finished.....	280-B	5.00	5.35	6.60 7.25*	7.75 8.25*
Piston (De Luxe Grey Iron)—Semi-finished.....	280-B	4.40	4.75	6.00 6.50*	7.00 7.50*
Piston Ring—Std. +.010, +.020, +.040.....	281	.25	.25	.25 .30* .50 .60*	.30 .40* .60 .80*
Piston Rings (Oil Control Type).....	282	.50	.50	.50 .60*	.60 .80*
Piston Oil Wiper Rings.....	282-A	.50	.50		
Piston Pin—Std. +.005, +.010, +.015, +.020.....	283	.80	.90	.90	1.50 1.60*
Piston Pin—1 1/8".....	283-A			.90	
Piston Pin Set Screw.....	284			.40	
Piston Pin Set Screw Nut.....	285			.10	
Piston Pin Retaining Spring.....	286	.10	.10	.10	.10
Note. —Flywheels are listed as plain type only, without starter gears assembled. If they are desired with starter gear assembled, be sure to specify flywheel with starter gear, giving catalogue number of both flywheel and starter gear. The price for this will be the sum of the two parts required.					
Flywheel—Plain.....	290	20.00†	20.00†	28.00	32.00
Flywheel Ring Gear—Forged Steel.....	292	4.00†	4.00†	6.75	10.00

*This star covers prices of parts as used only on the models designated by this same sign.

List Prices Supersede All Previous Prices and Are Subject to Change Without Notice.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Flywheel Bolt.....	293	\$.25†	\$.25†	\$.30*	\$.30*
Flywheel Bolt Nut.....	294	.12†	.12†	.12†	.12†
Flywheel Flange Gasket.....	296	.05†	.05†	.05*	.05*
Cam Shaft.....	300	38.00	40.00	45.00	48.00
Cam Shaft Gear.....	301	4.50	6.50	11.00	14.00
Cam Shaft Gear Spacer.....	301-A	.20	.20		
Cam Shaft Gear Nut.....	302	.20†	.20†		
Cam Shaft Thrust Plate.....	302-A	.60†	.60†		
Cam Shaft Thrust Plate Capscrew.....	302-B	.10†	.10†		
Cam Shaft Gear Nut Lockspring.....	302-C	.10	.10		
Cam Shaft Gear Capscrews.....	303			.20†	.20†
Cam Shaft Gear Capscrew Wire.....	304			.02†	.02†
Cam Shaft End Nut.....	305	.08†	.08†	.08†	.08†
Oil Pump or Governor Spiral Gear Driver (on rear end of cam shaft).....	306	1.35†	1.35†	1.35	1.35
Idler Gear (Specify diameter of Stud) (Steel).....	310			10.50	13.00
Idler Gear Bushing.....	311			1.00	1.00
Idler Gear Stud (Specify diameter).....	312			6.00	6.00
Idler Gear Stud Capscrew.....	313			.20†	.20†
Idler Gear Stud Thrust Plug.....	314			.50†	.50†
Idler Gear Stud Thrust Plug Washer.....	315			.30†	.30†
Idler Gear Bushing Dowel Pin.....	317			.05	.05
Vent Tube, Complete.....	320	2.50†	2.50†		
Vent Tube Body.....	321	1.00†	1.00†		
Vent Tube Body Cap.....	322	1.00†	1.00†		
Vent Tube Body Cap Stud.....	323	.20†	.20†		
Breather Complete with Hinged Cap.....	330	6.00	6.00	6.00†	6.00†
Breather Body.....	331	3.50	3.50	2.25†	2.25†
Breather Body Cover.....	332	.60	.60	.60†	.60†
Breather Body Cover Hinge Pin.....	335	.08	.08	.08†	.08†
Breather Valve Leather with Reinforcement.....	337	.40	.40	.40†	.40†
Breather Body—Lower Screen.....	339	.25	.25	.80†	.80†
Breather Body Cover Spring.....	340	.20	.20	.20†	.20†
Breather Body Gasket.....	341	.10	.10	.06†	.06†
Generator Gear.....	389	3.00	3.50	5.00	4.00
Generator Support Bracket, Rear.....	390			2.00	2.00
Generator Pad Cover Plate.....	398	.40†	.40†	.40†	.40†
Generator Pad Cover Plate Gasket.....	399	.06†	.06†	.06†	.06†
Generator Pad Cover Plate Capscrew.....	399-A	.05†	.05†	.05†	.05†
Distributor Pinion Gear.....	400			1.60†	1.60†
Distributor Drive Housing.....	401	1.85†	1.85†	3.50*	3.50*
Distributor Drive Housing Stud.....	402	.10	.10		
Cylinder Head Distributor Drive Dowell Sleeve.....	402-A	.20†	.20†		
Distributor Drive Housing Gasket.....	403	.05†	.05†	.05*	.05*
Distributor Drive Shaft.....	404	.50	.50		
Distributor Drive Shaft Washer.....	404-A	.30	.30		
Distributor Drive Shaft Coupling—Distributor End.....	405	.80†	.80†		
Distributor Drive Shaft Coupling—Middle.....	406	.60†	.60†		
Magneto Drive Assy. from Generator Mounting.....	408	15.00	15.00		
Magneto Bracket and Hsg.....	409	6.00†	6.00†		
Magneto Drive Shaft.....	413	1.75†	1.75†		
Magneto Drive Housing Bushing.....	414	.90†	.90†		
Magneto Drive Shaft Spacer.....	415	.15†	.15†		
Magneto Bracket Brg. Ret. Spring.....	416	.10†	.10†		
Magneto Bracket Ball Bearing.....	417	3.10†	3.10†		
Magneto Bracket Felt Retainer.....	418	.05†	.05†		
Magneto Bracket Felt Retainer Lock.....	419	.10†	.10†		
Magneto Bracket Retainer Felt.....	420	.06†	.06†		
Magneto Drive Shaft Coupling Nut.....	421	.08†	.08†		
Magneto Bracket Capscrew.....	422	.05†	.05†		
Note: For magneto drive gears, see generator gears.					
Starter Pad Cover.....	430	.20†	.20†	.20*	.20*
Starter Pad Cover Capscrews.....	431	.05†	.05†	.05*	.05*
Magneto Bracket.....	435	2.00†	2.00†	3.00	3.00
Magneto Bracket Assembly when Generator is not used.....	435-A	15.00	15.00		
Magneto Bracket and Housing.....	436	7.00†	7.00†		
Magneto Drive Shaft.....	437	2.25†	2.25†		

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DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Magneto Drive Shaft Nut.....	438	\$.25†	\$.25†		
Magneto Drive Shaft Oil Retainer.....	439	1.50†	1.50†		
Magneto Drive Shaft Gear (See Generator Gear).....	440				
Magneto Drive-off of Generator Assembly.....	445	20.00	20.00		
Including next twelve (12) items:					
Magneto Bracket.....	446	4.75†	4.75†		
Magneto Drive Shaft.....	447	2.50	2.50		
Magneto Drive Shaft Collar.....	448	.75†	.75†		
Magneto Drive Shaft Bearing Housing.....	449	2.00†	2.00†		
Magneto Drive Shaft Brg. Housing Packing.....	450	.90†	.90†		
Generator Shaft Coupling.....	451	2.00†	2.00†		
Generator Shaft Coupling (driven).....	451-A	2.00†	2.00†		
Generator Shaft Coupling Pin.....	452	.05†	.05†		
Magneto Coupling Screw.....	453	.08†	.08†		
Magneto Coupling Screw Nut.....	454	.03†	.03†		
Magneto Coupling Disc.....	455	.30†	.30†		
Water Pump Gear Shaft Coupling Disc.....	456	.10†	.10†		
Magneto Driveshaft Ball Bearing.....	457	4.00†	4.00†		
Water Pump Assembly.....	460	22.00†	22.00†	\$ 27.00	\$ 30.00
Includes following parts:					
✓ Water Pump Body					
Water Pump Body Cover					
Water Pump Runner					
Water Pump Shaft					
Water Pump Packing Nuts					
Grease Cups					
Drain Plug					
Water Pump Body.....	461	8.30†	8.30†	7.00	8.00
Water Pump Body Cover.....	462	8.80†	8.80†	4.00	4.50
Water Pump Body Bearing.....	462-B	.50†	.50†	2.00	1.70
Water Pump Cover Bearing.....	462-C	.50†	.50†	1.80	1.40
Water Pump Body Cover Gasket.....	463	.05†	.05†	.05	.05
Water Pump Body Dowell Pin.....	463-A	.05†	.05†		
Water Pump Runner.....	464	3.40†	3.40†	3.60	4.50
Water Pump Runner Thrust Washer.....	464-A	.16†	.16†		
Water Pump Runner Setscrew.....	464-B	.10†	.10†		
Water Pump Shaft.....	465	3.30†	3.30†	4.60	5.60
Water Pump Shaft Thrust Disc.....	465-B	.05†	.05†		
Water Pump Shaft Oil Retainer and Felt.....	465-C	.60	.60		
Water Pump Shaft Roller Bearing.....	466	2.60†	2.60†		
Water Pump Roller Brg. Cover.....	466-B	.60	.60		
Water Pump Shaft Roller Brg. Cover Shim.....	466-C	.15	.15		
Water Pump Body Stud.....	467	.10†	.10†		
Water Pump Gland.....	468			.75	.75
Water Pump Packing Nut, Front.....	469	.45†	.45†	1.25	1.50
Water Pump Packing Nut, Rear.....	470			1.25	1.50
Water Pump Packing Junk Ring—(See Note).....	471	.05†	.05†	.05	.05
Water Pump Packing—(See Note).....	471-A	.35†	.35†	1.00	1.00
Note.—The Water Pump Packing now used is the plastic type. The price given for No. 471-A covers sufficient packing for packing one complete water pump. This also comes in one pound cans at \$3.00 per pound. The Water Pump Packing Junk Rings are used to back up the Water Pump Packing to prevent the plastic packing from forcing through the packing nut.					
Water Pump Body and Cover Capscrew.....	472	.05†	.05†	.02*	.02*
Water Pump Body Cover to Cyl. Gasket.....	472-A	.06†	.06†		
Water Pump to Cyl. Capscrew (Long).....	472-B	.05†	.05†		
Water Pump to Cylinder Capscrew (Short).....	472-C	.05†	.05†		
Water Pump Shaft Gear.....	473			3.50	5.00
Water Pump Gear Shaft.....	474			4.75	5.50
Water Pump Gear Shaft Oil Slinger (coupling end).....	474-A			.15	.15
Water Pump Gear Shaft Shim, .007" or .016" thick (Specify thickness).....	474-B			.02	.02
Water Pump Gear Shaft Distributor Drive Gear.....	474-C			1.75	1.75
Water Pump Inlet Connection.....	475	.75†	.75†	.75*	.75*
Water Connection from Water Outlet Pipe to Water Pump, (Copper).....	476	.60	.60		

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DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Water Pump Inlet and Outlet Flange Bolt.....	477	\$	\$	\$.05*	\$.05*
Water Pump Inlet Connection Gasket.....	478	.08†	.08†	.10*	.10*
Water Pump Grease Cups.....	480	.45†	.45†	.45†	.45†
Water Pump Driven Pulley—complete on Water Pump.....	481	5.25†	5.25†		
Water Pump Driven Pulley Setscrew.....	481-A	.10†	.10†		
Water Pump Driven Pulley Locknut.....	481-B	.05†	.05†		
Water Pump Drive Pulley Adj. Flange.....	482	1.75†	1.75†		
Water Pump Drain Plug.....	482-A	.05	.05		
Water Pump Gear Shaft Nut (Fan Pulley End).....	483			.05†	.05†
Water Pump Gear Shaft Spacer (Fan Pulley End).....	483-A			.15†	.15†
Water Pump Gear Shaft Nut (Coupling End).....	484			.75†	.75†
Water Pump Gear Shaft Washer.....	484-A			.15†	.15†
Water Pump Gear Shaft Oil Slinger.....	485			.15†	.15†
Water Pump Coupling (Drive End).....	486			.12†	.12†
Water Pump Coupling (Driven End).....	487			2.00†	2.00†
Water Pump Coupling Disc (Thermoid).....	488			2.00†	2.00†
Water Pump Coupling Disc Plate (Steel).....	489			.30†	.30†
Water Pump Coupling Screw.....	490			.10†	.10†
Water Pump Coupling Screw Nut.....	491			.07†	.07†
Water Pump Drive Shaft Bearing Housing.....	492			.03†	.03†
Water Pump Drive Shaft Bearing.....	492-A			6.80†	6.80†
Water Pump Drive Shaft Bearing Housing Gasket.....	493			1.10†	1.10†
Water Pump Inlet Connection to Cylinder.....	494			.05†	.05†
Water Pump Inlet Connection Hose.....	495			.60†	.60†
Water Pump Inlet Connection Hose Clamp.....	496			.18†	.18†
Water Pump Connection to Cylinder Capscrew.....	497			.06†	.06†
Air Compressor Pulley—Driver.....	498			.05†	.05†
Air Compressor Pulley—Driven.....	499			8.00†	8.00†
Air Compressor Bracket.....	500			3.75†	3.75†
Air Compressor Bracket Housing Cap.....	500-A			2.25†	2.25†
Fan Drive Pulley—"V" Type.....	501			4.00†	4.00†
Fan Drive Pulley—"V" Type—Double Drive.....	501-A			3.75†	3.75†
Fan Drive Pulley, on Crankshaft.....	502				9.25
Fan Pulley Nut.....	502-A	3.00†	3.00†		
Fan Belt—"V" Type.....	503	.20†	.20†		
"V" Type Fan Belt Links.....	503-A	2.00	2.50	2.00	2.50
Fan Blade and Driven Pulley Assembly.....	504	.20†	.20†	.20*	.20*
Including hub and driven pulley.		8.55	8.55		
Fan Blade only—16".....	504-A				
Fan Blade only—18".....	504-B	3.10†	3.10†		
Fan Blade only—20".....	504-C	3.30†	3.30†		
Fan Assembly—"V" Type—20".....	505	3.60†	3.60†		
Fan Assembly—"V" Type—23" (Double Drive).....	505-A			16.75†	16.75†
Fan Pulley Shaft Oil Slinger.....	505-C			47.50†	47.50†
Oil Level Gauge Rod and Plug.....	506	.15†	.15†	.10*	.10*
Oil Level Gauge Tube and Nut.....	507	.60	.75	.75	.75
Starting Crank Assembly—Standard Type.....	510	1.00†	1.00†	1.00*	1.00*
Starting Crank and Jaw—Removable Type.....	511	13.50	13.50	15.00	15.00
Starting Crank—Standard Type.....	511-A	2.70†	2.70†	2.70†	2.70†
Starting Crank Bracket.....	512			5.80	6.30
Starting Crank Bracket for Removable Starting Crank.....	512-A			5.00	5.00
Starting Crankshaft with 4 Point Jaw.....	513			6.00†	6.00†
Starting Crank Handle Sleeve.....	515			5.00	5.00
Starting Crankshaft Plunger.....	517			.70†	.70†
Starting Crankshaft Plunger Spring.....	518			.20†	.20†
Starting Crankshaft Plunger Spring Cap.....	519			.10†	.10†
Starting Crank Handle Cap.....	521			.20†	.20†
Starting Crank Handle Collar.....	522			.10†	.10†
Starting Crankshaft Bolt.....	523			.20†	.20†
Starting Crank Bracket Gasket.....	524			.20	.20
Starting Crank Bracket Capscrew.....	525			.08†	.08†
Starting Crank Bracket Cap.....	526			.08†	.08†
Water Pump Packing Nut Spanner Wrench.....	531			1.90†	1.90†
Packing for Rear Bearing Oil Retainer.....	532			.20†	.20†
Taper Pins (Specify for what used and give size if possible).....	540	.05	.05	.40	.40
Cotter Pins (Specify for what used and give size if possible).....	541	.01	.01	.01	.01

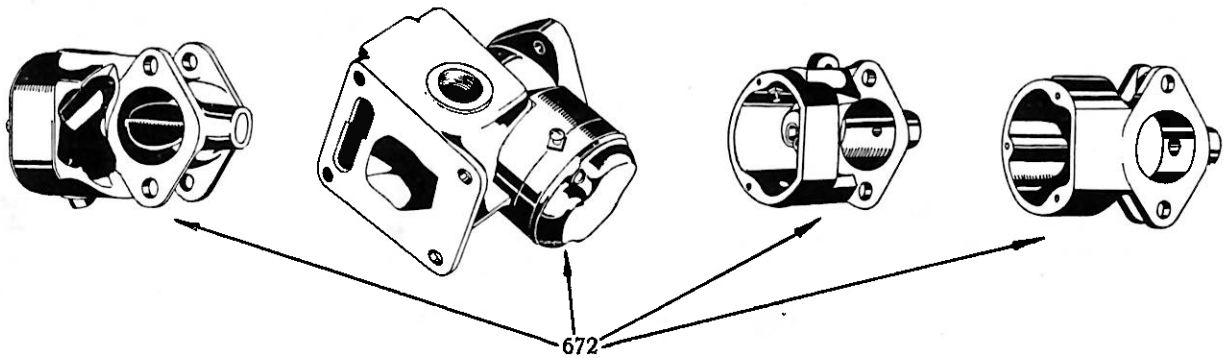
List Prices Supersede All Previous Prices and Are Subject to Change Without Notice.

Note: See page 3 for non-interchangeability of parts between models DS-6 and DW-6, BUS and BA-6, and GL-6 and GF-6.

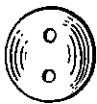
DESCRIPTION	Catalog No.	HS-6	DS-6 DW-6	BUS BA-6	GL-6 GF-6
Hexagon Head Capscrews (Specify for what used and give size if possible).....	542	\$.08	\$.08	\$.08	\$.08
Hexagon Head Machine Screws (Specify for what used and give size if possible).....	543	.08	.08	.08	.08
Filister Head Capscrew (Specify for what used and give size if possible).....	544	.05	.05	.05	.05
Flat Head Machine Screw (Specify for what used and give size if possible).....	545	.05	.05	.05	.05
Hexagon Nuts (Specify for what used and give size if possible).....	546	.05	.05	.05	.05
Spring Lockwashers (Specify for what used and give size if possible).....	547	.02	.02	.02	.02
Pipe Plugs, 1/8", 1/4" and 3/8" only.....	548	.12	.12	.12	.12
Woodruff Keys (Specify for what used and give size if possible).....	549	.04	.04	.04	.04
Steel Balls—1/8".....	553	.02	.02	.02	.02
Steel Balls—1/4".....	553-A	.06	.06	.06	.06
Steel Balls—5/8".....	553-B	.10	.10	.10	.10
Square Head Setscrew, Cup Point.....	554	.05	.05	.05	.05
Winkley Oiler for Governor Screw—1/8".....	555	.20	.20	.20	.20
Cylinder Expansion Plug.....	556	.10	.10	.10	.10
ENCLOSED TYPE BUDA GOVERNOR AND GOVERNOR PARTS.					
Buda Governor Assembly, when generator is used.....	650	26.00	26.00	26.00	26.00
Buda Governor Assembly, complete with flange, when generator is not used.....	651	30.00	30.00	30.00	30.00
Buda Governor Drive Shaft.....	652	2.25†	2.25†	2.25†	2.25†
Buda Governor Drive Shaft Bushing.....	653	.60†	.60†	.60†	.60†
Buda Governor Drive Shaft Bracket.....	654	5.80†	5.80†	5.80†	5.80†
(The above three parts omitted when generator is used.)					
Buda Governor Hub.....	655	5.30†	5.30†	5.30†	5.30†
Buda Governor Gear (See Generator Gear).....	656				
Buda Governor Weights (Specify R. P. M.).....	657	.90	.90	.90	.90
Buda Governor Weight Pin.....	658	.20†	.20†	.20†	.20†
Buda Governor Plunger.....	659	.50†	.50†	.50†	.50†
Buda Governor Main Spring.....	660	.20†	.20†	.20†	.20†
Buda Governor Main Spring Retainer.....	661	.25†	.25†	.25†	.25†
Buda Governor Main Spring Retainer Lock.....	662	.20†	.20†	.20†	.20†
Buda Governor Housing.....	663	3.50†	3.50†	3.50†	3.50†
Buda Governor Housing Cover Plate.....	664	.80†	.80†	.80†	.80†
Buda Governor Housing Cover Plate Gasket.....	665	.05†	.05†	.05†	.05†
Buda Governor Lever.....	666	2.50†	2.50†	2.50†	2.50†
Governor Lever Pin.....	666-A	.08	.08	.08	.08
Buda Governor Plunger Follower.....	667	.70†	.70†	.70†	.70†
Buda Governor Speed Adjusting Nut.....	668	.35†	.35†	.35†	.35†
Buda Governor Speed Adjusting Nut Stud.....	669	.05†	.05†	.05†	.05†
Buda Governor Auxiliary Spring.....	670	.10†	.10†	.10†	.10†
Buda Governor Housing Gasket.....	671	.10†	.10†	.10†	.10†
Buda Governor Valve Box Assembly.....	672	6.40	7.20	7.70	8.40
(Above assembly includes next six items.)					
Buda Governor Valve Box.....	673	3.40	3.20	3.70	4.40
Buda Governor Throttle Valve.....	674	.40†	.40†	.40†	.40†
Buda Governor Throttle Valve Shaft.....	675	.75†	.75†	.75†	.75†
Buda Governor Throttle Valve Shaft Bushing.....	676	.70†	.70†	.70†	.70†
Buda Governor Throttle Valve Lever.....	677	.75†	.75†	.75†	.75†
Buda Governor Valve Box Cover.....	678	.75†	.75†	.75†	.75†
Buda Governor Valve Box Stud.....	679			.10†	.10†
Buda Governor Valve Box Stud—Long.....	679-A			.15†	.15†
Buda Governor Speed Adjusting Nut Stop Plate.....	680	.30†	.30†	.30†	.30†
Buda Governor Housing Cover Screw.....	681	.05†	.05†	.05†	.05†
Buda Governor Tube.....	682	.75	.75	1.10	1.10
Buda Governor Link.....	683	.30	.30	.30	.30
Buda Governor Link Washer.....	684	.04†	.04†	.04†	.04†
Buda Governor Link Ball Joint.....	685	.20†	.20†	.20†	.20†
Buda Governor Bumper Spring Screw.....	686	.50	.50	.50	.50
Buda Governor Bumper Spring.....	687	.10	.10	.10	.10
Buda Governor Housing Assembly.....	688	10.00	10.00	10.00	10.00
Buda Governor Drive Shaft and Weight Assembly.....	689	24.00	24.00	24.00	24.00
Buda Governor Hub and Weight Assembly.....	690	8.00	8.00	8.00	8.00
Buda Governor Seal.....	691	.10	.10	.10	.10
Buda Governor Gear Cover Stud.....	692	.08	.08	.08	.08

BUDA

GOVERNOR PARTS



When ordering Throttle Valve Box, Catalog No. 673, or Throttle Valve Box Assembly, Catalog No. 672, model of engine must be specified, as these parts are somewhat different for each model engine



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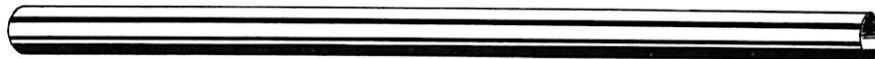
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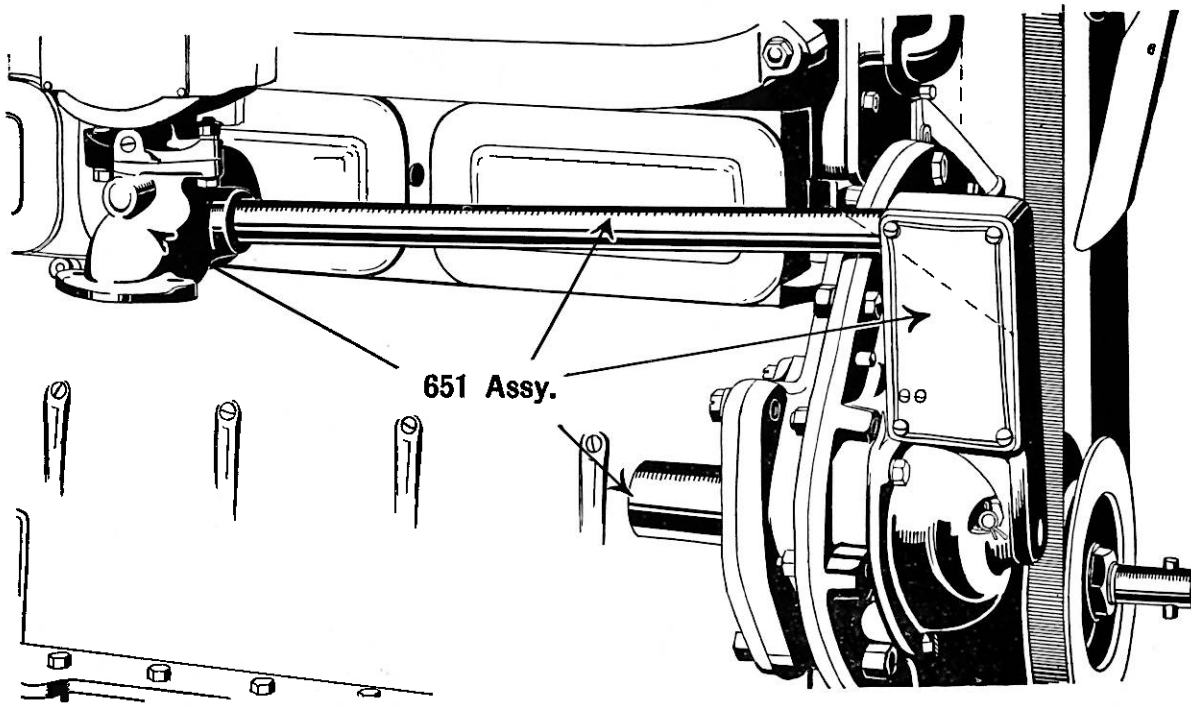
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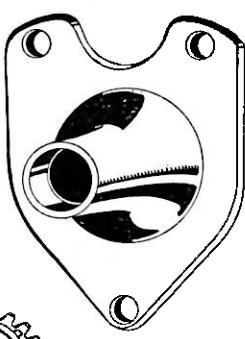
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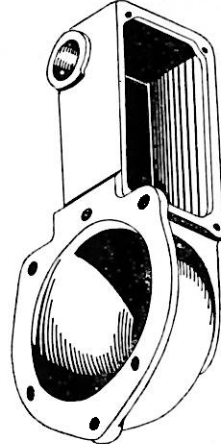
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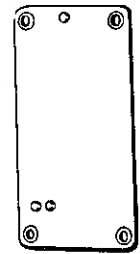
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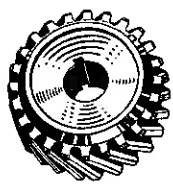
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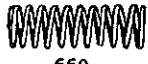
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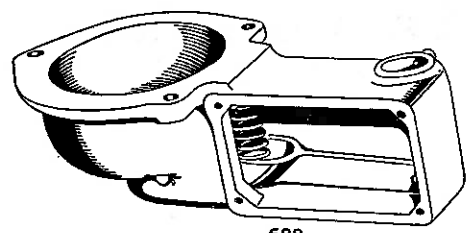
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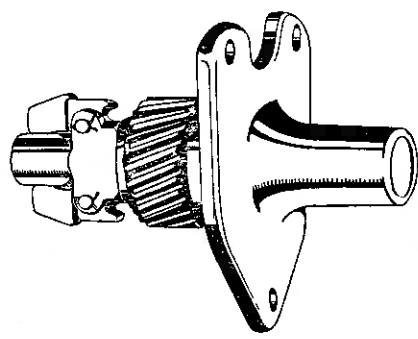
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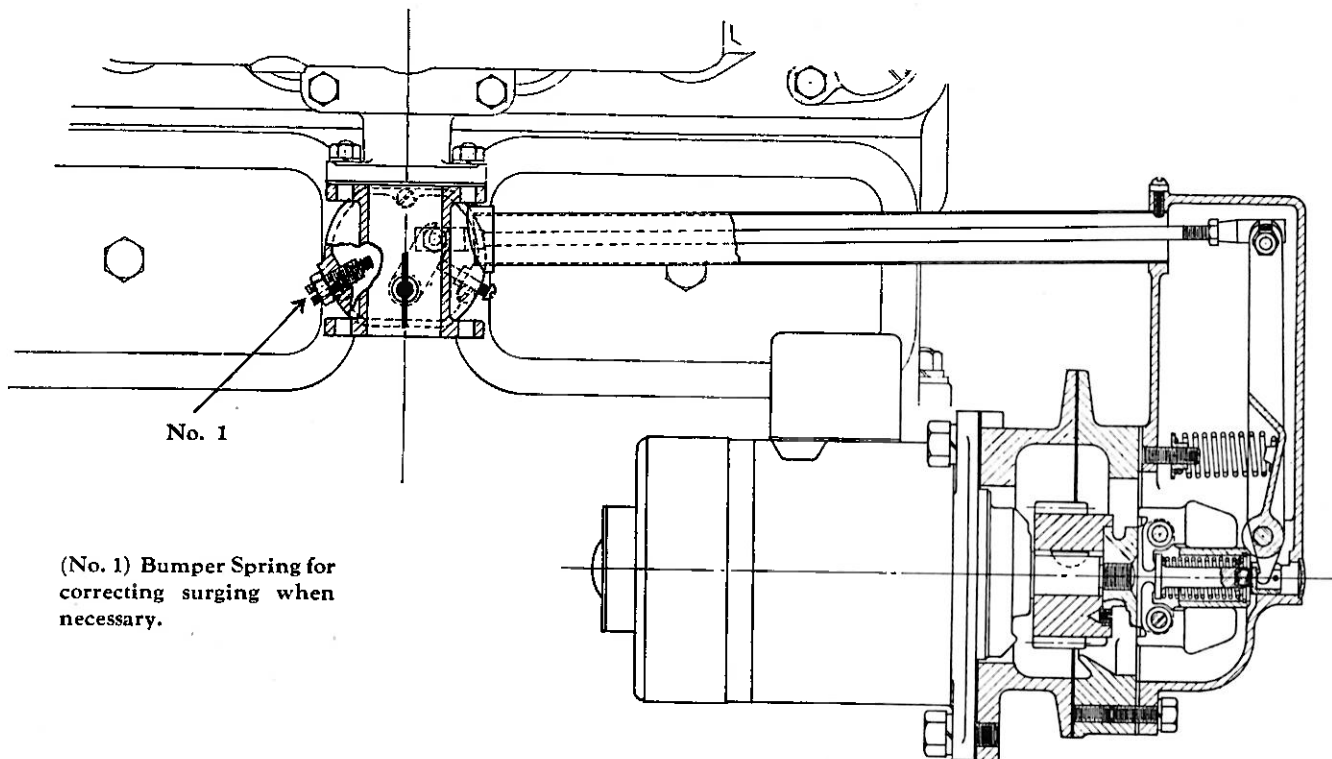
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(No. 1) Bumper Spring for correcting surging when necessary.

The BUDA Governor

THE Buda Governor is installed on the generator shaft (when generator is used) and the governor hub is used as a lock for the generator gear and is locked to gear by one (1) set screw. When generator is not used the governor is carried on its own shaft and bearing bracket which is installed on generator pad on crank case. The governor runs at one and one-half engine speed, which gives the governor an ample amount of power for operating the throttle valve without the necessity for large and cumbersome weights.

When the governed speed of the engine is reached the fly balls, or governor weights, are thrown out by centrifugal force, the motion being transferred through the plunger to the governor lever and then by linkage to the throttle valve lever above the carburetor.

The governed speed is established by the size of governor weights used; heavy weights being furnished for slow speed engines and light weights for higher speeds. Springs are not changed to bring about changes in the engine speeds.

The main governor spring inside the governor hub is not adjustable. The auxiliary governor spring, which is accessible by removing the inspection cover, is provided with a means for adjusting the spring tension and the engine speed within limits of about 200 R.P.M. For example, if the engine speed, with proper size of weights, is normally 900 R.P.M. the engine speed can be increased or decreased approximately 100 R.P.M. either way by turning this adjusting nut to increase or decrease the spring tension. (Increasing spring tension increases engine speed and vice versa.) If a greater change than approximately 100 R.P.M. either way is desired in the speed of the engine, it is necessary to make the proper selection of governor weights.

The governor running in the gear case compartment is thoroughly lubricated by the same oil that lubricates the timing gears, and no other lubrication is necessary.

To work properly the governor must be free from any excessive friction in any of the joints, including the ball joints and both ends of the linkage between governor lever and throttle valve lever.

Occasionally a sensitive governor develops a tendency to "surge," or "hunt," particularly when operating at light loads, and in order to overcome this tendency an adjustable bumper spring is provided in the throttle valve box of the enclosed type governor. In the standard open type this bumper screw is located in the governor housing, and in the YRA the bumper spring screw located at the top side of governor drive shaft housing. This bumper spring being so located that the throttle valve lever comes in contact with the spring when the throttle valve is in its nearly closed position. In case a governor had this tendency to "surge," a slight turn of the bumper spring adjustment to the right should correct the fault.

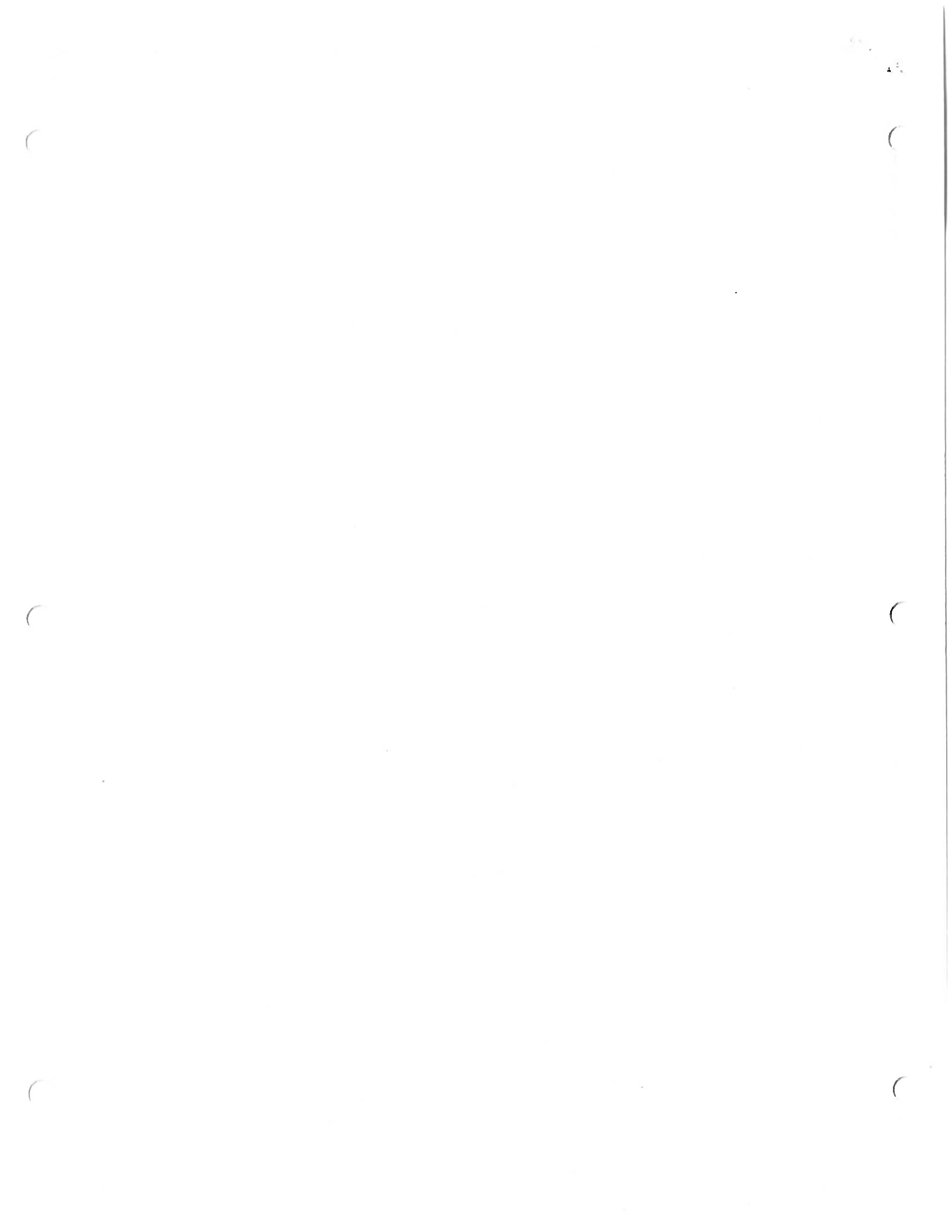
THE BUDA COMPANY

Established 1881

HARVEY (Chicago Suburb) ILLINOIS

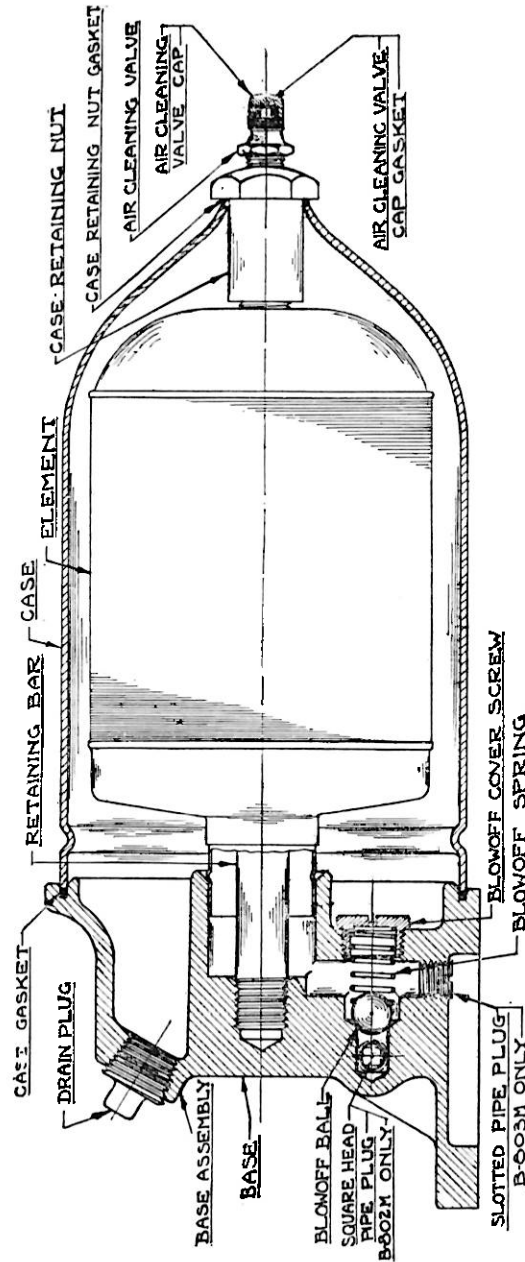
30 Church St.
NEW YORK

664 Mission St.
SAN FRANCISCO



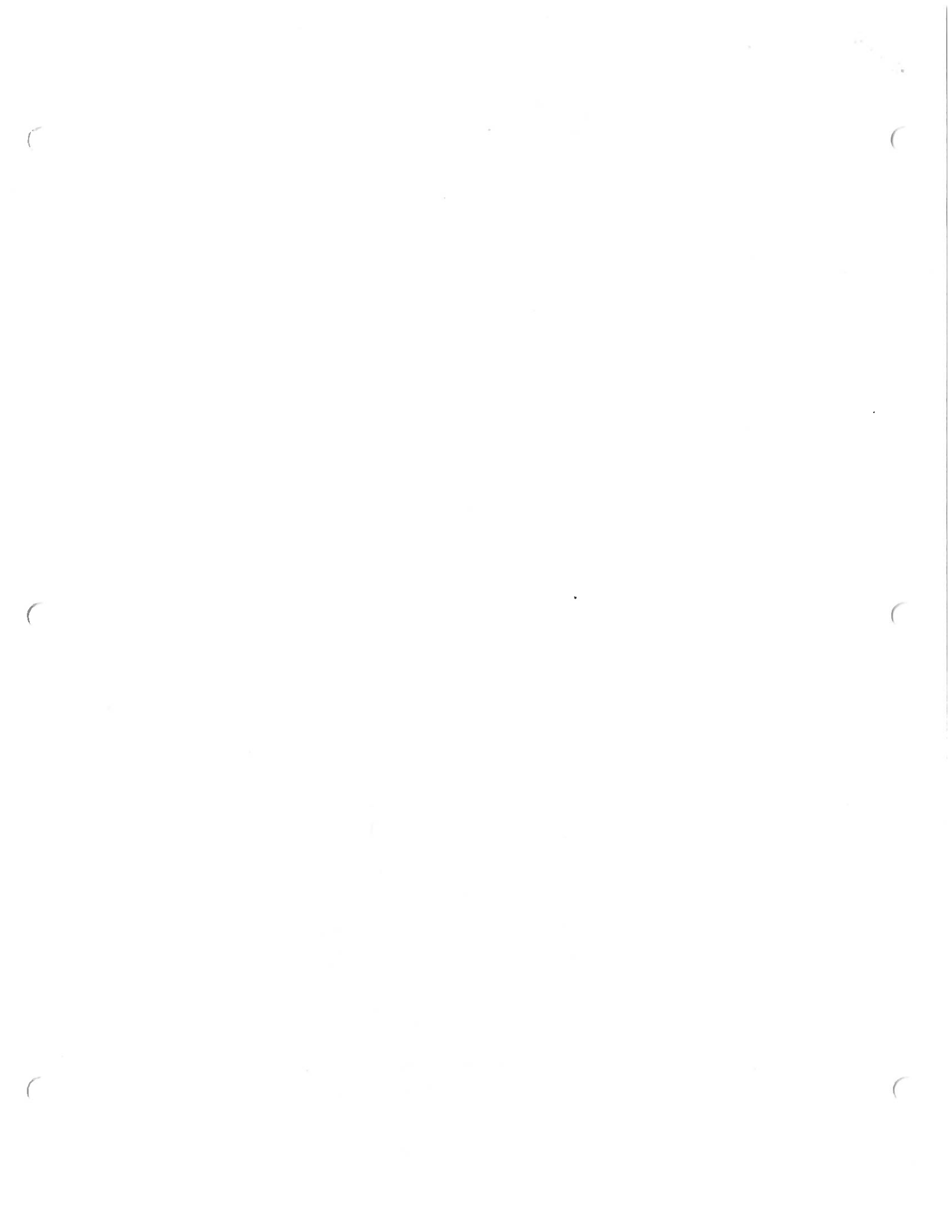
PUROLATOR

The Oil Filter SERVICE DRAWINGS



(METAL ELEMENT)
Types B-802-M and B-803-M

THE HUG COMPANY
HIGHLAND, ILL. U. S. A.



Feb. 15, 1931.

SERVICE PARTS & PRICE LIST

OIL FILTER

Type B-803-M Purolator (.003 Spacing)
(C.I. Base with 1/8" P.T. External)

Part No.	Name of Part	No. Reqd.	Price Each
10936	Purolator Assembly, Type B-803-M	1	\$ 30.00
10098	Replacement Element Assembly, Type B-21M .003 spacing	1	7.25
8526	Purolator Case 5" diameter	1	4.35
8529	Purolator Retaining Nut Gasket - Small	1	.07
8536	Purolator Case Gasket - large	1	.22
10937	Purolator Base Assembly	1	20.00
	Consisting of the next 7 items:		
10549	Purolator Case Retaining Bar	1	1.50
10941	Purolator Base Casting Only	1	16.00
8388	Purolator Blow-off Ball (1/2" diam.)	1	.05
7886	Purolator Drain Plug (1/2" Pipe Thread)	1	.15
8955	Purolator Blow-off Cover Screw	1	.25
8769	Purolator Blow-off Spring	1	.10
8602	Purolator Plug (1/4" Pipe Thread)	1	.13
10586	Purolator Air Cleaning Retaining & Nut Assembly	1	2.50
	Consisting of the next item and assembly:		
10552	Purolator Case Retaining Nut	1	.80
10607	Purolator Air Cleaning Valve Assembly	1	1.80
	Consisting of the following 4 items - sold assembly only:		
	10543 Air Cleaning Valve	1	
	10628 Air Cleaning Valve Cap Assembly	1	
	Consists of the next 2 items:		
	10544 Valve Cap	1	
	10627 Valve Cap Gasket	1	

NOTE: Always give truck number when ordering parts.
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

THE HUG COMPANY
HIGHLAND, ILLINOIS

