Price $ 5.00

GARDNER-DENVER®

3-1-516
2nd Edition

TGE
5″ STROKE
TRIPLEX PLUNGER PUMP

Parts List

Gardner Denver

MINI-MATRIX
FOR
MODEL "TGE" 5" STROKE TRIPLEX PLUNGER PUMPS
TWELVE (12) CHARACTER MODEL DESIGNATIONS

NOTICE TO CUSTOMER – To find the construction options for your pump unit, FILL IN THE BALANCE OF LETTERS OR NUMBERS FROM YOUR UNIT NAMEPLATE .....

	T	G	E									
Column Number:	1	2	3	4	5	6	7	8	9	10	11	12

FOLLOW THE LINE DOWN AND OVER FROM EACH SPACE THUS FILLED IN TO FIND THE APPROPRIATE CONSTRUCTION WITH WHICH YOUR MACHINE IS EQUIPPED. THE NUMBER "9" IN ANY COLUMN SPACE INDICATES "NOT APPLICABLE", THE NUMBER "8" IN ANY COLUMN SPACE INDICATES SPECIAL DESIGN – REFER TO FACTORY ORDER TICKET.

COLUMNS 1, 2 & 3 – BASIC FAMILY

1. Triplex Plunger Pump – 5" Stroke

COLUMN 4 – TYPE SERVICE, TYPE & MAXIMUM SIZE FLUID END, CONSTRUCTION

A. Waterflood Service – LP Cast Aluminum Bronze – 4" Maximum Plunger & Packing
B. Waterflood Service – MP Cast Aluminum Bronze – 3" Maximum Plunger & Packing
C. Waterflood Service – HP Block Steel – 2" Maximum Plunger & Packing
D. Well Service – 3 Piece HP Block Steel – 4" Maximum Plunger & Packing
E. Well Service – 3 Piece HP Block Steel – 4" Maximum Piston & Liner
F. Well Service – HP Cast Steel – 3" Maximum Plunger & Packing
G. Well Service – HP Cast Steel – 3" Maximum Piston & Liner

COLUMN 5 – SIZE SELECTIVE

A. 4" (4" Max. Size Only) (Plunger or Piston)
B. 3½" (4" Max. Size Only) (Plunger or Piston)
C. 3¼" (4" Max. Size Only) (Plunger Only)
D. 3" (4" & 3" Max. Size Only) (Plunger or Piston)
E. 2¾" (4" & 3" HP Only) (Plunger & Piston)
F. 2½" (4" & 3" HP Only) (Plunger & Piston)
G. 2¼" (4" & 3" HP Only) (Plunger Only)
H. 2" (4", 3" & 2" HP Only) (Plunger Only)
J. 1¾" (4", 3" & 2" HP Only) (Plunger Only)
K. 1½" (2" Max. Size Only) (Plunger Only)
L. 1¼" (2" Max. Size Only) (Plunger Only)
M. 1" (2" Max. Size Only) (Plunger Only)

COLUMN 6 – DESIGN VERSION

COLUMN 7 – STUFFING BOX OR LINER MATERIAL SELECTIVE

A. Bronze - Stuffing Box (Standard for Waterflood)
B. Nodular Iron - Stuffing Box (Standard Well Service)
C. Chrome Plated - Liner

COLUMN 8 – PLUNGER MATERIAL OR PISTON TYPE SELECTIVE

A. Colmonoy - Plunger (Standard)
B. Ceramic - Plunger
C. Chrome Plated - Plunger
D. Steel - Insert Type - Piston (Standard)

COLUMN 9 – PACKING TYPE SELECTIVE

A. "J" Design - Nonadjustable (Standard) (Waterflood)
B. Lead - Flax & Phenolic (Standard for 1" Plunger)
C. "S" Design - Nonadjustable (Standard Well Servicing)

COLUMN 10 – FLUID VALVE SELECTIVE (SUCTION & DISCHARGE)

A. Bronze – Delrin Plate Type (Standard) (Waterflood Service)
B. Stainless Steel – Delrin Plate Type (Waterflood Service)
C. Monel – Delrin Plate Type (Waterflood Service)
E. Bronze – Wing Guide Type Without Insert (Waterflood Service)
F. Steel – Wing Guide Type Without Insert (Waterflood Service)
G. Steel – Wing Guide Type With Insert (Rubber) (Waterflood or Well Service) (Standard for Well)
H. Steel – Wing Guide Type Without Insert (Well Service For Use With Hot Oils)
J. Steel – Wing Guide Type With Insert (Carboxylated Rubber) Waterflood or Well Service (Optional for High Temperatures)
K. Steel – Wing Guide Type With Insert (Polyurethane) (Well Service)

COLUMN 11 – GEAR REDUCER SELECTIVE

A. 5.0 to 1 Gear Ratio (Right Hand Drive)
B. 5.0 to 1 Gear Ratio (Left Hand Drive)

COLUMN 12 - OPTIONAL EQUIPMENT

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify complete twelve (12) character Pump Model, Size and Serial Number (see name plate on pump). Serial Number is also stamped on cylinder end of frame.

All orders for Parts should be placed with the nearest Sales and Service Office.

Reference numbers shown in the left hand column of the Parts Lists are used to help locate the parts shown on the Drawings and Sectional Views. DO NOT ORDER BY REFERENCE NUMBERS.

After locating the reference number, the part number may be found for your particular pump unit under the correct Model Number column.

Specify exactly the number of parts required (see column - "Qty. Req. Per Pump"). DO NOT ORDER BY SETS.

To determine the Right Hand and Left Hand side of the pump, stand at the power end and face the fluid end of the pump.

PARTS RETURNED

All claims must be made within five days after receipt of goods. If order has been filled correctly, we cannot allow the return of the goods witnout our consent and then only on a basis of a charge for service and rehandling plus transportation charges.

Transportation charges must be prepaid. If it is necessary to return a part to the factory for duplication or inspection, do not fail to do the following:

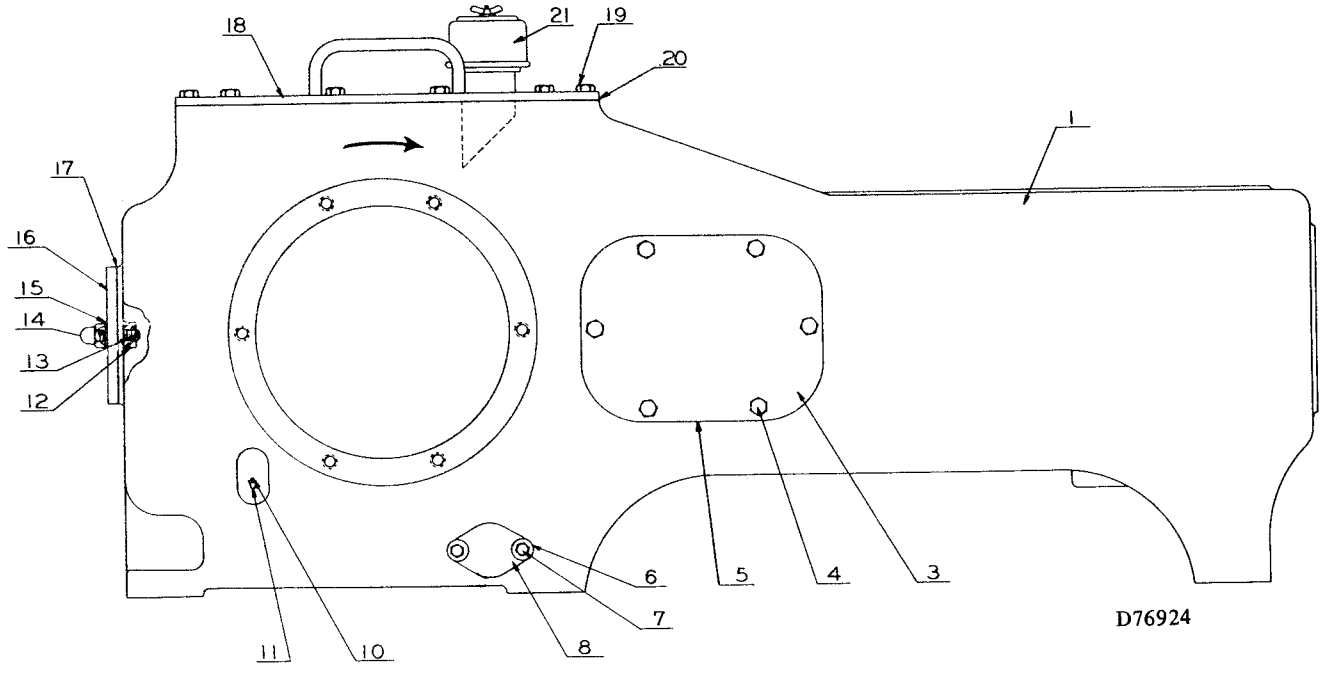
1. Write the nearest Sales and Service Office a letter advising what material you wish to return and why.
2. After receiving permission to return the item or items, obtain from the Sales and Service Office the correct forms filled out by that office for the proper return of material.
3. Place a tag in the package showing your name and address.
4. Tag each article in the box or package stating what and how many are returned.
5. Always give the serial number of the machine from which the parts were removed or the invoice number on which the parts were originally shipped.

All parts returned for credit should be handled in the same manner as that for duplication or inspection.

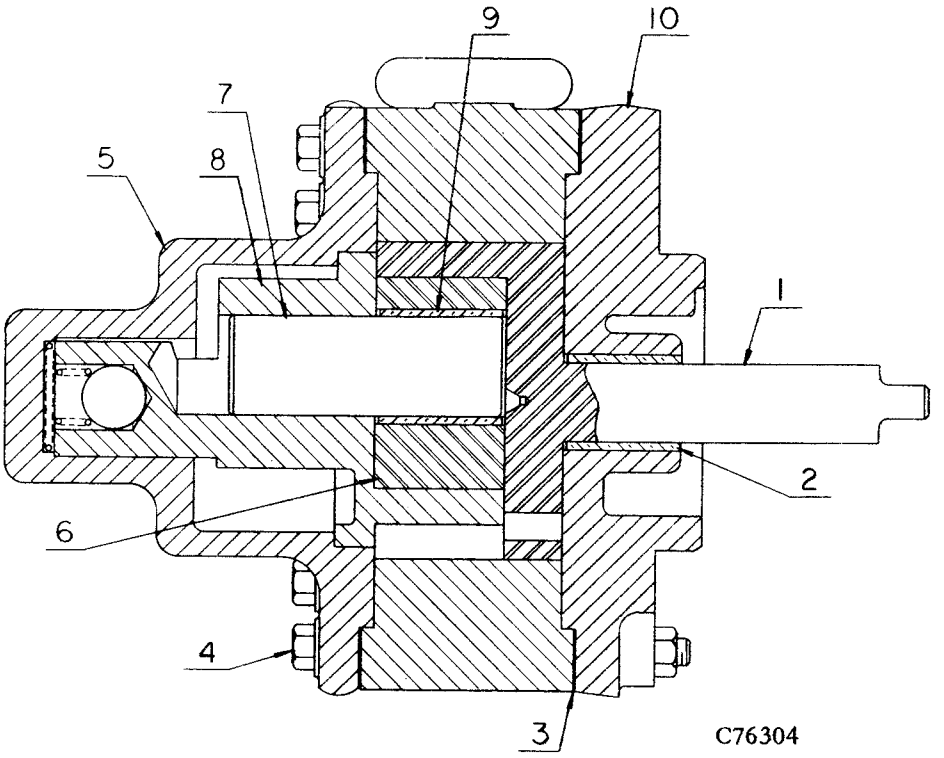
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ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.

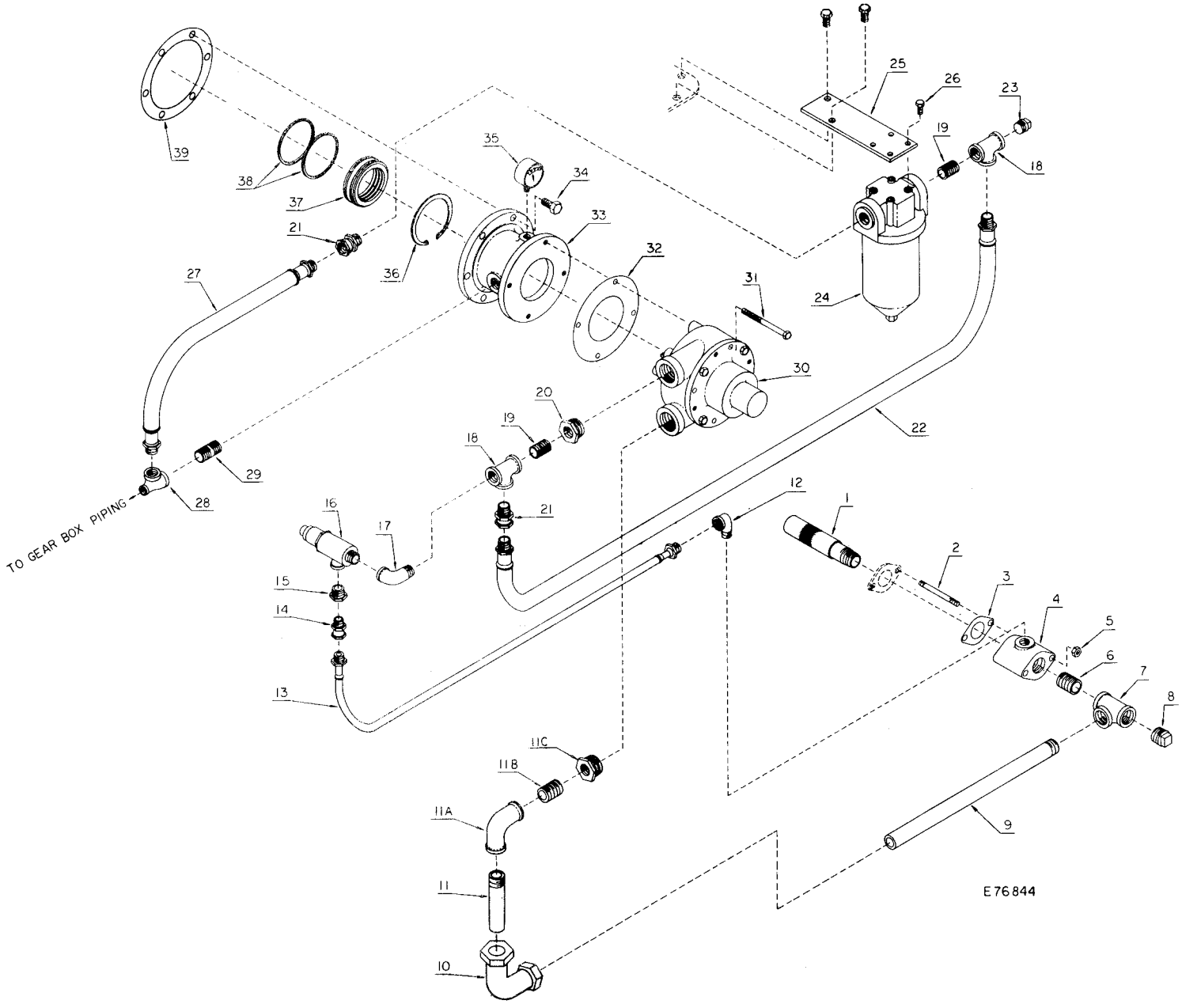


Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	FRAME & MISCELLANEOUS PARTS		Part No.
1	FRAME	1	1PE172
3	PLATE-INSPECTION, Crosshead	2	PE723
4	SCREW, Inspection Plate (1/2 x 7/8)	12	75A136
5	GASKET, Inspection Plate	2	25C1941
6	GASKET, Crankcase Flange	1	25C157
7	SCREW, Crankcase Flange (3/8 x 1-1/4)	2	75A2
8	FLANGE, Crankcase Oil Drain	1	74AUX27
10	PLUG-SqHd PIPE, Oil Level	1	64AA5
11	ELBOW-PIPE STREET, Oil Level	1	64D2
12	ASM RETAINER, Incl. Ref. No. 13	1	PE1400A
13	STUD, Retainer (1/2 x 2-1/4)	3	79A69
14	NUT, Retainer Stud	3	50Q14
15	GASKET, Retainer Stud Nut	3	25F9
16	PLATE-INSPECTION, Frame End	1	1PE42
17	GASKET, Inspection Plate	1	25C2111
18	HOOD	1	2PE246
19	SCREW, Hood (1/2 x 7/8)	18	75A136
20	GASKET, Hood	1	25C1943
21	BREATHER	1	5C7



Part Numbers listed only for those parts normally furnished for repair.

Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	OIL CIRCULATING PUMP		Part No.
	ASM OIL CIRCULATING PUMP, Incl. Ref. No. 1 thru 10	1	200PEE188
1	ROTOR	1	2109376
2	BUSHING, Bracket	1	
3	GASKET, Cover	2	54C222
4	SCREW, Cover Cap	8	
5	COVER	1	2109371
6	ASM IDLER CARRIER, Incl. Ref. No. 7 & 8	1	2109374
7	PIN, Idler	1	2109373
8	CARRIER. Idler	1	2109372
9	BUSHING, Idler	1	
10	ASM BRACKET, Incl. Ref. No. 2	1	2109370



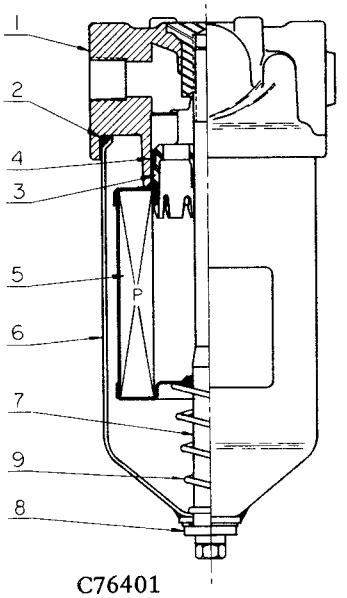
For List of Parts See Page 5

Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	OIL PUMP & PIPING		Part No.
1	SCREEN-OIL	1	2WAJ511
2	STUD, Connector to Frame	2	79A204
3	GASKET, Oil Drain Flange	1	25C157
4	CONNECTOR	1	200PEE284
5	NUT, Connector to Frame Stud	2	50B3
6	NIPPLE-PIPE	1	63U16X30
7	TEE-PIPE	1	64G8
8	PLUG-SqHd PIPE	1	64A25
9	NIPPLE-PIPE, Half	1	63AP9X94
10	ELBOW-PIPE STREET	1	64BC7
11	NIPPLE-PIPE	1	63AP9X60
11A	ELBOW-PIPE	1	64C6
11B	NIPPLE-PIPE	1	63U16X14
11C	BUSHING-PIPE	1	64E7
12	ELBOW-PIPE STREET	1	64D5
13	ASM HYDRAULIC HOSE	1	29R30
14	ADAPTOR-HOSE	1	29Q6
15	BUSHING-PIPE	1	64E95
16	VALVE-LIQUID RELIEF	1	90Q22
17	ELBOW-PIPE STREET	1	64D6
18	TEE-PIPE	2	64G7
19	NIPPLE-PIPE	2	63U12X14

* For Oil Filter and component parts see page 6.

** For Oil Pump and component parts see page 3.

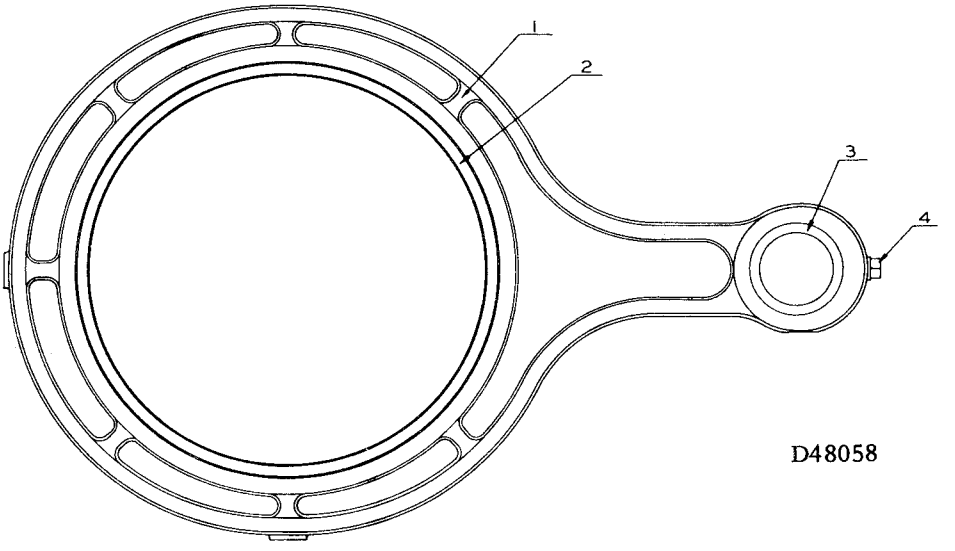
Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	OIL PUMP & PIPING (Continued)		Part No.
20	BUSHING-PIPE	1	64E6
21	ADAPTOR-HOSE	2	29Q16
22	ASM HYDRAULIC HOSE	1	29R26
23	PLUG-SqHd PIPE	1	64A24
24	FILTER-OIL	1	*
25	BRACKET-FILTER	1	200PEE389
26	SCREW, Bracket to Filter	4	75A5
27	ASM HYDRAULIC HOSE	1	29R13
28	TEE-PIPE	1	64P14
29	NIPPLE-PIPE	1	63G2
30	PUMP-OIL	1	**
31	SCREW, Oil Pump to Adaptor	4	75AA223
32	GASKET, Oil Pump to Adaptor	1	201PEE715
33	ADAPTOR, Oil Pump	1	200PEE170
34	SCREW, Adaptor to Bearing Housing	6	75A12
35	GAUGE-PRESSURE	1	27A13
36	RING-RETAINING	1	65W10
37	SEAL-OIL, Mainshaft	1	1PE447
38	RING-PISTON, Oil Seal	2	65A33
39	SHIM	2	77G16



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Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	OIL FILTER		Part No.
	ASM OIL FILTER, Incl. Ref. No. 1 thru 9 . .	1	26C12
1	ASM HEAD, Incl. Ref. No. 2	1	2109408
2	O-RING	1	
3	ASM VALVE, Bypass, Incl. Ref. No. 4	1	2109125
4	O-RING	1	
5	ELEMENT	1	2109394
6	HOUSING	1	2109409
7	BOLT	1	2109410
8	WASHER-GASKET	1	2109411
9	SPRING-COIL	1	2109127

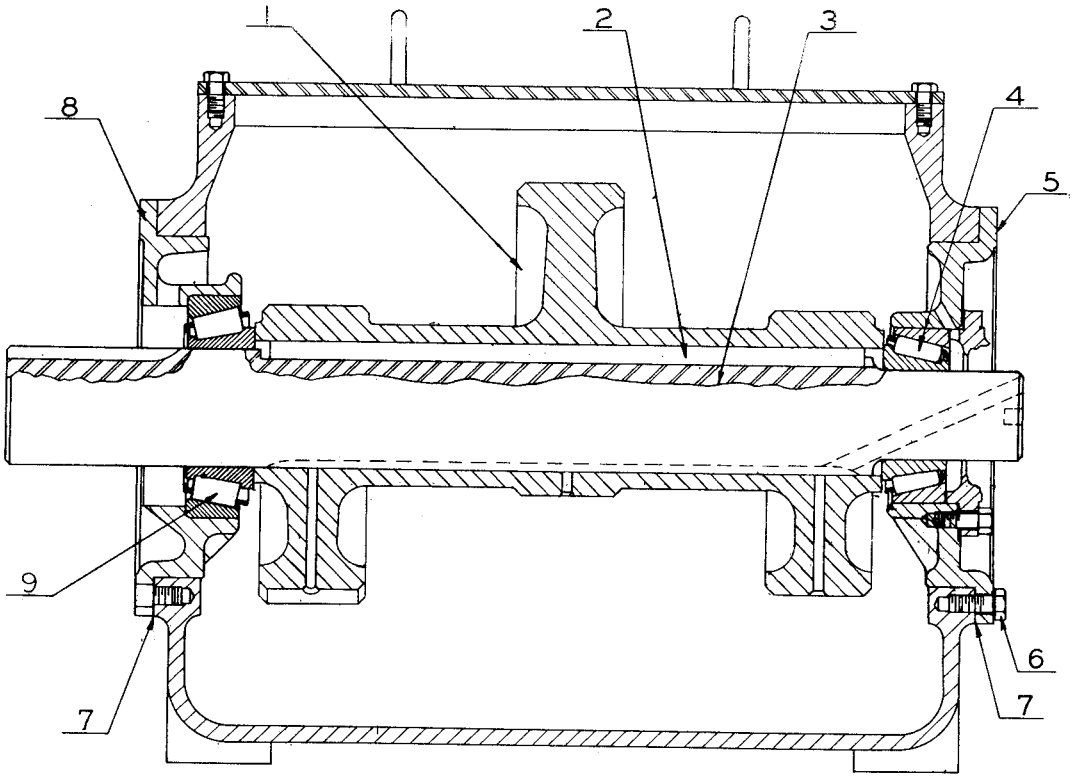
Part Numbers listed only for those parts normally furnished for repair.



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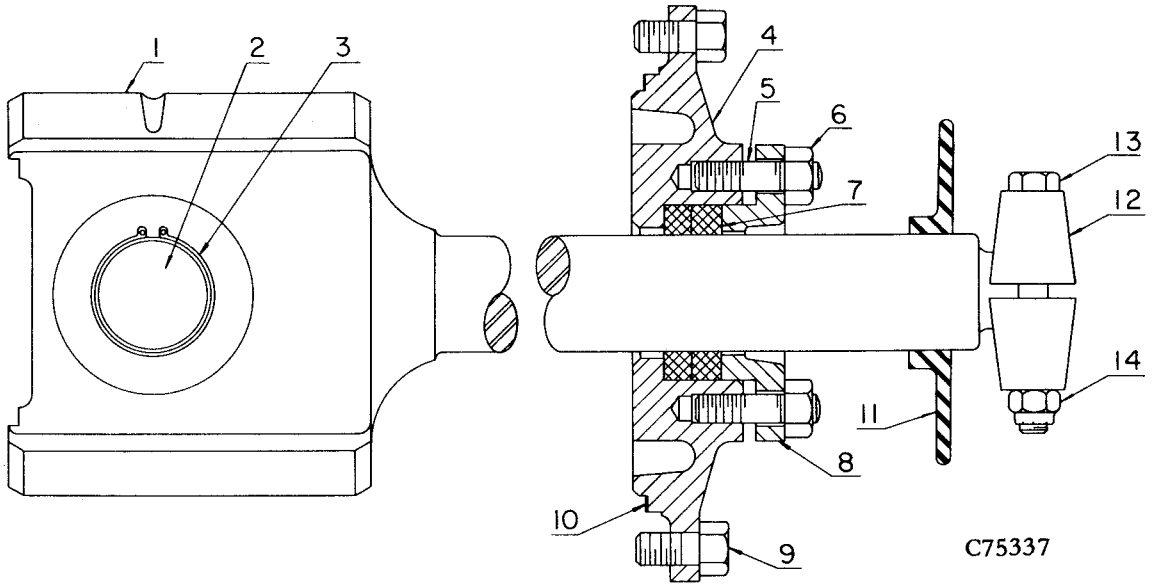
Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	CONNECTING ROD		Part No.
1	CONNECTING ROD, Incl. Ref. No. 2 thru 4	3	PE417
2	BUSHING	3	PE421
3	BUSHING, Crosshead Pin	3	PE229
4	PLUG-SqHd PIPE	3	64AC2

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.

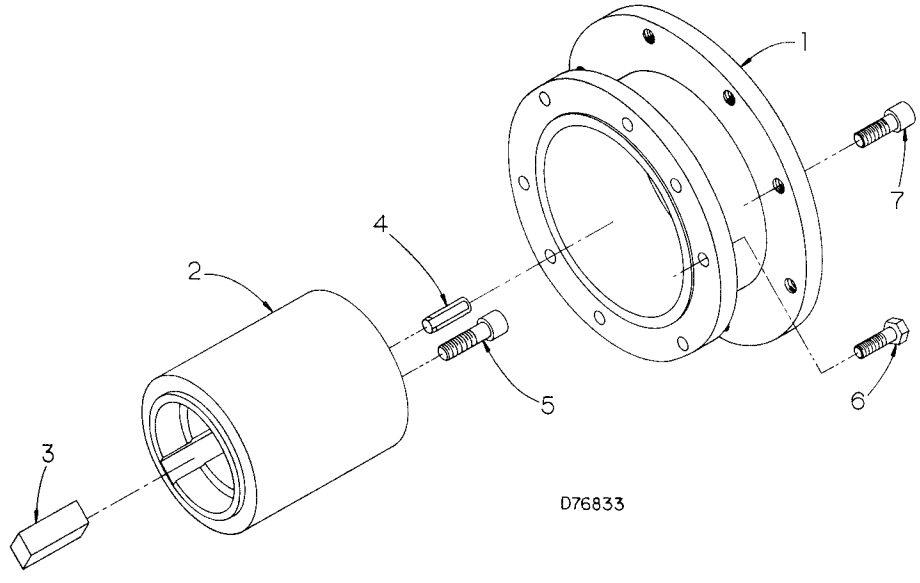


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Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGE_ _A	Models TGE_ _B
	ECCENTRIC & BEARING GROUP		Part No.	Part No.
1	ECCENTRIC	1	PE255	PE255
2	KEY, Eccentric to Shaft	1	35K17	35K17
3	SHAFT-ECCENTRIC	1	200TGE367	201TGE367
4	BEARING, Eccentric Shaft	1	12C60	12C60
5	HOUSING-BEARING (Oil Pump End)	1	2PE366	2PE366
6	SCREW, Bearing Housing to Frame (5/8 x 1-1/4).	6	75A18	75A18
7	GASKET, Bearing Housing	2	25C1945	25C1945
8	HOUSING-BEARING (Drive End)	1	200TGE006	201TGE006
9	BEARING, Eccentric Shaft	1	12C59	12C59



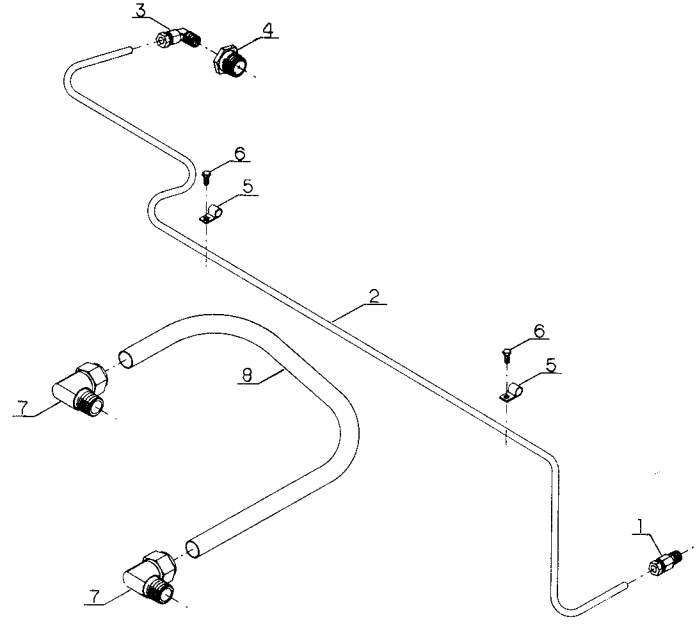
Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	CROSSHEAD & OIL STOP HEAD GROUP		Part No.
1	CROSSHEAD	3	2005050
2	PIN-CROSSHEAD	3	2005051
3	RING, Crosshead Pin Retainer	6	65W19
4	ASM OIL STOP HEAD, Incl. Ref. No. 5 & 6	3	PE226A
5	STUD, Gland	6	79A238
6	NUT, Gland	6	50F5
7	PACKING, Oil Stop Head	3	60DD99
8	GLAND, Oil Stop Head	3	PE238
9	SCREW, Stop Head to Frame	12	75A20
10	GASKET, Stop Head to Frame	3	25C1948
11	BAFFLE, Piston Rod	3	PE840
12	ASM PLUNGER COUPLING, Incl. Ref. No. 13 & 14	3	200TAE092
13	SCREW, Coupling	6	75AA172C
14	NUT, Coupling	6	50V44



D76833

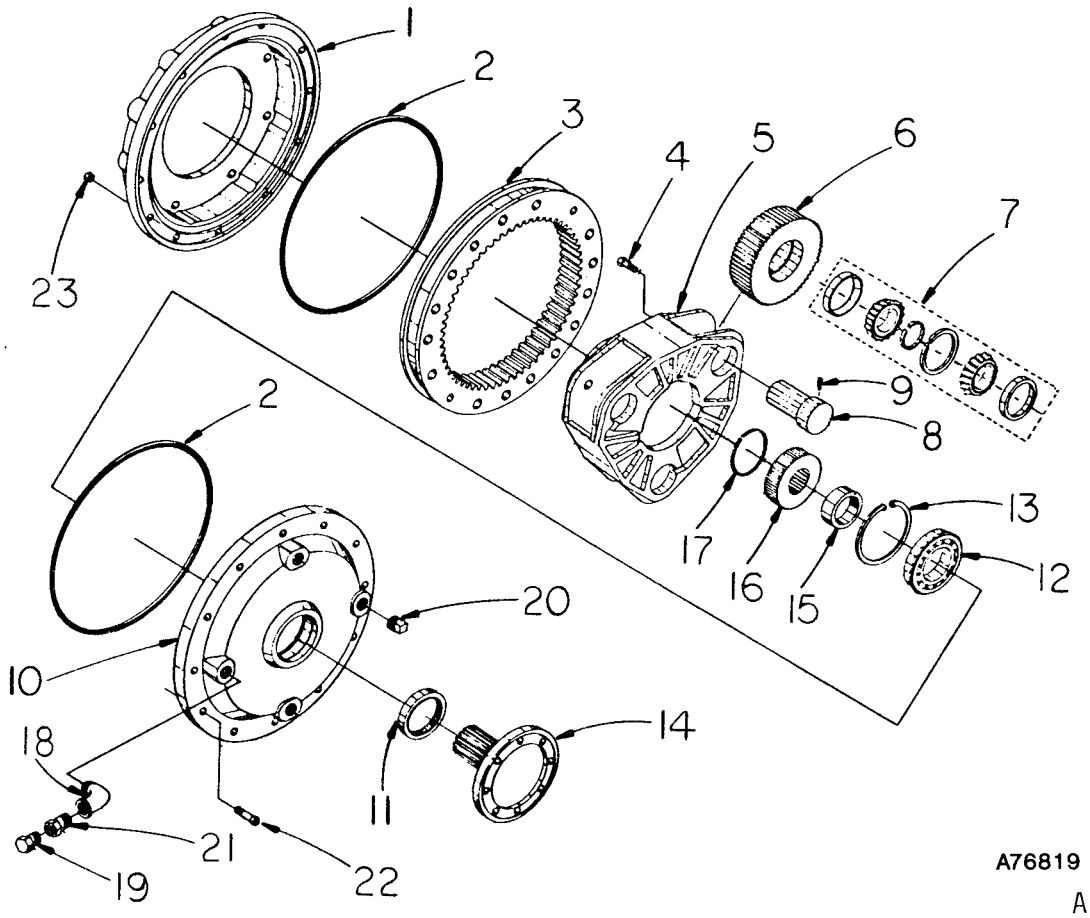
Ref. No.	Name of Part	Qty.	Models TGE_ _A	Models TGE_ _B
	MOUNTING & DRIVE GROUP FOR GEAR REDUCER		Part No.	Part No.
1	ADAPTOR, Gear Reducer to Frame (Drive Side).....	1	200TGF170	203TGF170
2	HUB.....	1	200TGE123	201TGE123
3	KEY, Drive Hub.....	1	35L34	35L32
4	PIN-DOWEL, Hub to Gear Reducer.	3	200TGE096	200TGE096
5	SCREW-SOHD CAP, Hub to Gear Reducer.....	See ( )	75P118 (3)	75LM170 (6)
6	SCREW-HEX CAP, Adaptor to Bearing Housing.....	6	75A47	75A47
7	SCREW-SOHD CAP.....	8	75P116	75P116
+	SHIM, Adaptor to Frame.....	1	None	204TGF732
+	SHIM, Gear Reducer to Adaptor..	1	None	203TGF732

+ Not shown on illustration.



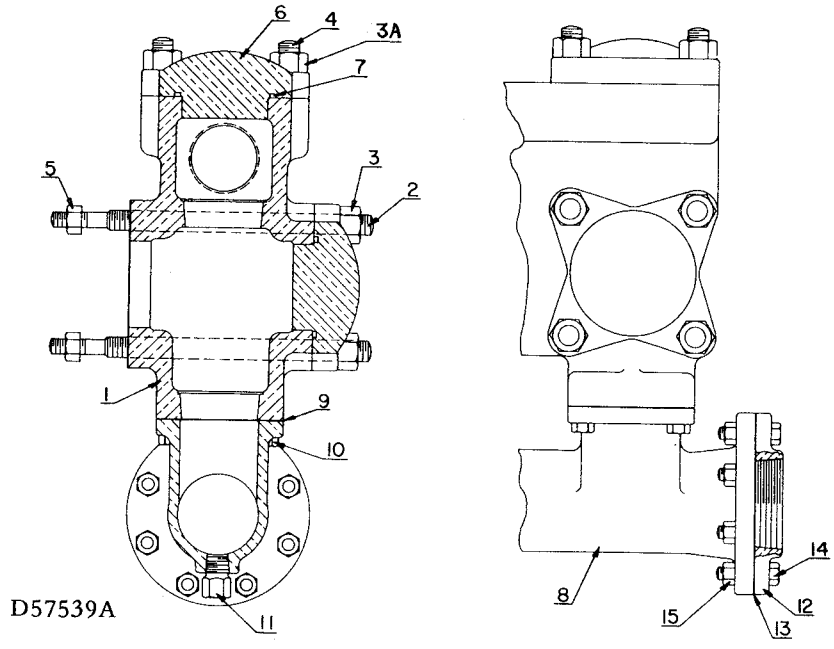
D76841

Ref. No.	Name of Part	Qty.	All TGE Models
	GEAR BOX LUBRICATION PIPING		Part No.
1	CONNECTOR-TUBE.....	1	86E9
2	TUBE (3/8T x 66" Long).....	66"	85E6A
3	ELBOW-TUBE.....	1	86E64
4	BUSHING-PIPE.....	1	●64E15
5	CLAMP-TUBE.....	2	98A1
6	SCREW-TAPPING.....	2	75LM39
7	ELBOW-TUBE.....	2	86N116
8	TUBE (Formed).....	1	74AUX857
+	FLANGE, Oil Return to Frame..	1	74AUX27



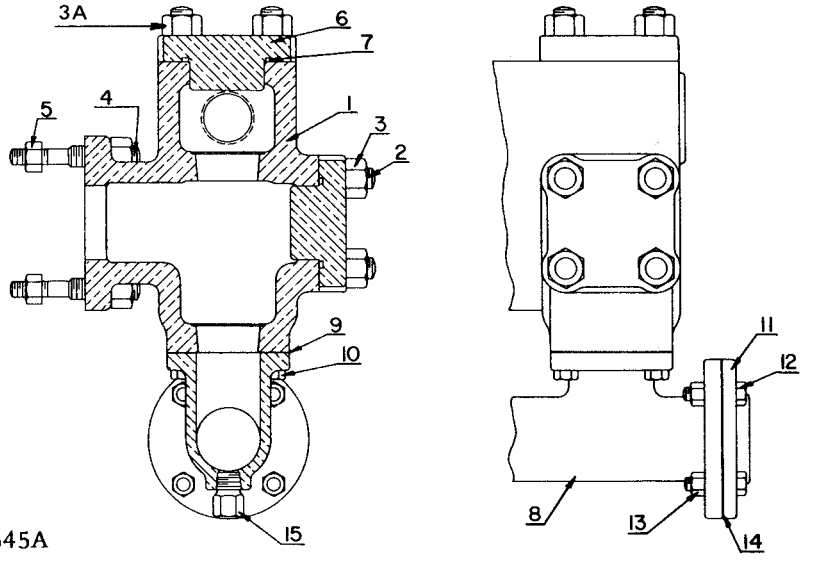
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Ref. No.	Name of Part	Qty. Req. Per Pump	All TGE Models
	GEAR REDUCER		Part No.
	GEAR REDUCER	1	200TGF601
1	HOUSING-OUTPUT	1	2109726
2	O-RING	2	2109727
3	GEAR-RING	1	2109728
4	BOLT	3	2109729
5	CAGE-PLANETARY	1	2109730
6	GEAR-PLANET	3	2109731
7	ASM BEARING	3	2109732
8	SHAFT-PLANET GEAR	3	2109733
9	PIN-ROLL	3	62R85
10	HOUSING-INPUT	1	2109734
11	OIL SEAL	1	60DD107
12	BEARING-BALL	1	12J58
13	SNAP RING	1	2109735
14	ASM INPUT	1	2109736
15	SPACER	1	2109737
16	GEAR-SUN	1	2109738
17	RING-RETAINING	1	65W20
18	ELBOW-PIPE STREET (1")	1	64D10
19	BREATHER	1	2109739
20	PLUG-MAGNETIC	1	64BJ5
21	BUSHING-PIPE	1	64E16
22	SCREW-HEX CAP	12	75D147
23	LOCKNUT	12	2109740



Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEA_A
	FLUID END (Low Pressure Cast Aluminum Bronze)		Part No.
1	ASM FLUID CYLINDER, Incl. Ref. No. 2 thru 5	1	2PE29B
2	STUD, Cylinder to Frame	12	79AB9
3	NUT, Cylinder to Frame	12	50B34
3A	NUT, Valve Cover Stud	12	50B10
4	STUD, Valve Cover to Cylinder	12	79L1
5	NUT, Cylinder Stuffing Box	12	50B32
6	COVER-VALVE	6	3PE147
7	GASKET, Valve Cover	6	25AL36
8	MANIFOLD, Suction	1	8PE110
9	GASKET, Manifold to Cylinder	3	25G18
10	SCREW, Manifold to Cylinder (5/8 x 1-1/2)	12	75A29
11	PLUG-SqHd, Manifold	3	64AJ16
12	FLANGE, Suction (Steel)	2	64CA13 *
12	FLANGE, Suction (Aluminum Bronze)	2	64DJ17 *
13	GASKET, Flange	2	25C861 *
14	SCREW, Suction Flange	16	75A74 *
15	NUT, Flange Screw	16	50B8 *

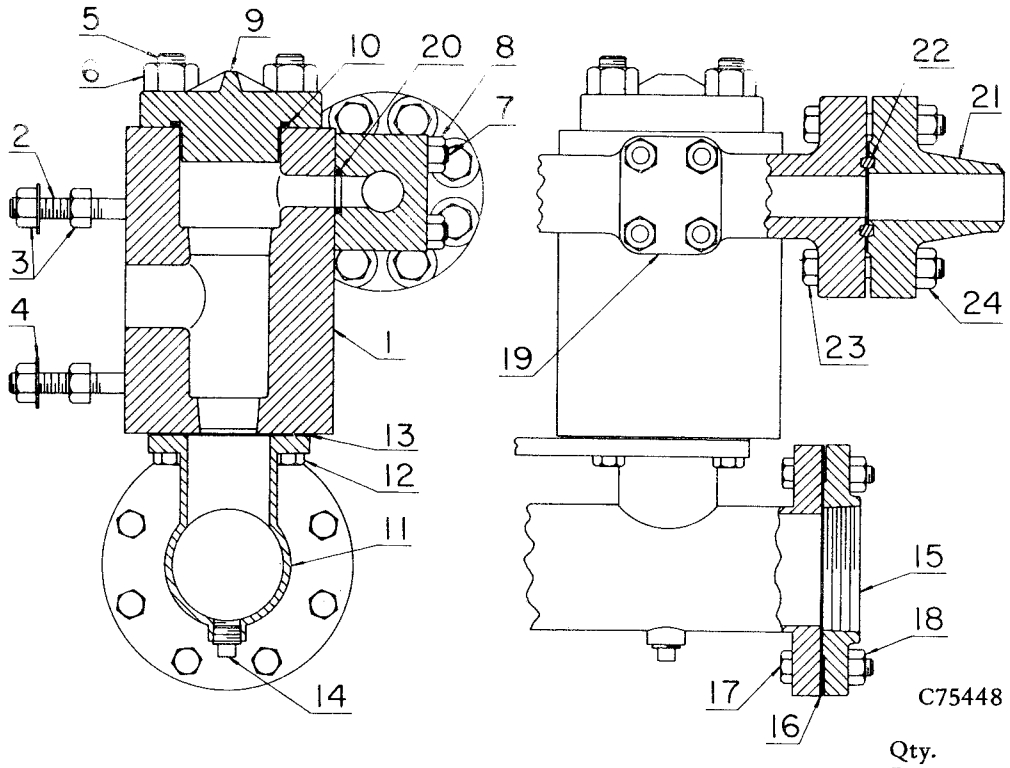
* These parts are not standard equipment but are furnished when ordered.



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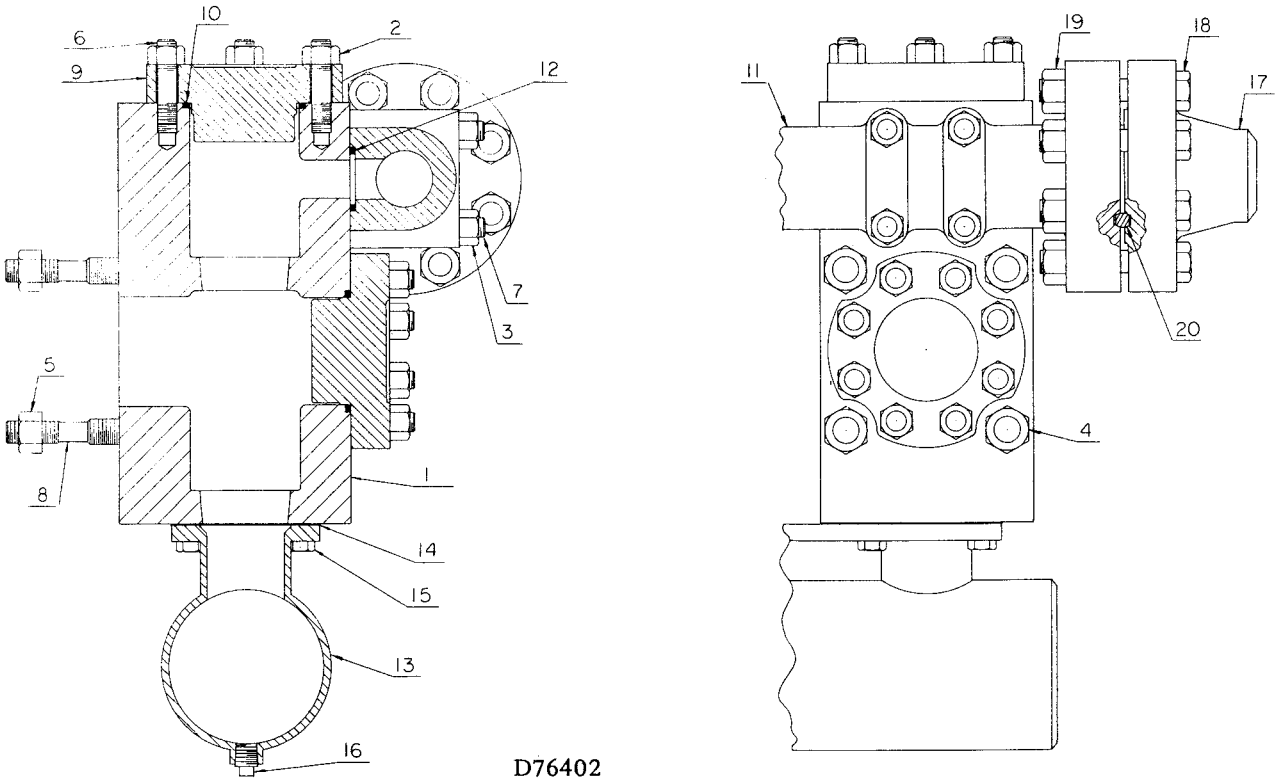
Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEB_A
	FLUID END **(Medium Pressure Cast Aluminum Bronze)**		Part No.
1	ASM FLUID CYLINDER, Incl. Ref. No. 2 thru 5	1	3PE29B
2	STUD, Valve Cover to Cylinder	24	79AJ5
3	NUT, Cylinder to Frame Stud	12	50B34
3A	NUT, Cylinder to Frame and Valve Cover Stud	24	50B10
4	STUD, Cylinder to Frame	12	79AB16
5	NUT, Cylinder Stuffing Box	12	50C9
6	COVER-VALVE	6	4PE147
7	GASKET, Valve Cover	6	25AL35
8	MANIFOLD-SUCTION	1	6PE110
9	GASKET, Manifold to Chamber	3	25G27
10	SCREW, Manifold to Chamber (5/8 x 1-1/2)	12	75A29
11	FLANGE, Suction (Steel)	2	64CA11 *
11	FLANGE, Suction (Aluminum Bronze)	2	64DJ15 *
12	SCREW, Manifold Flange (5/8 x 2-1/4)	16	75A75 *
13	NUT, Manifold Flange Screw	16	50B7 *
14	GASKET, Manifold Flange	2	25C121 *
15	PLUG-SqHd PIPE, Manifold	3	64AJ16

* These parts are not standard equipment but are furnished when ordered.



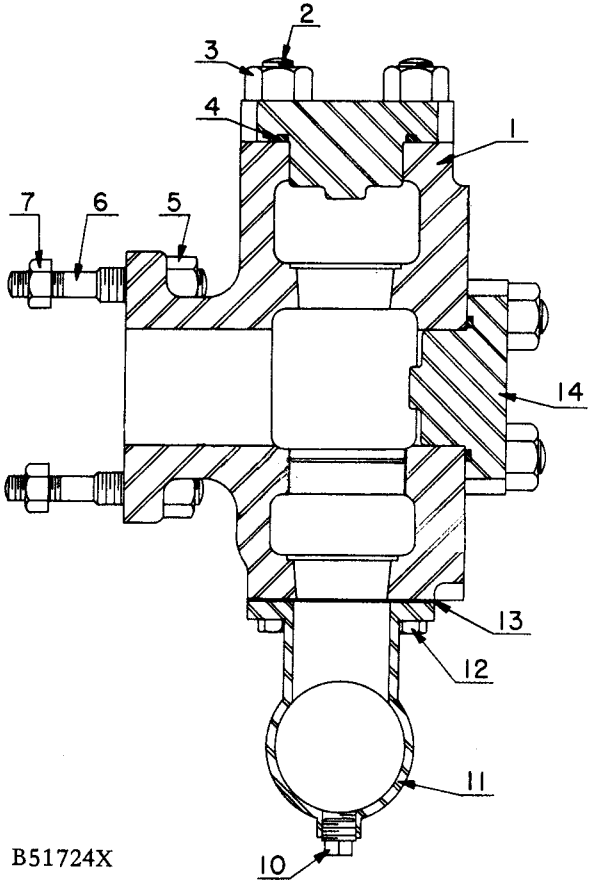
Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A
	FLUID END (High Pressure Block Steel)		Part No.
1	ASM FLUID CYLINDER, Incl. next item & Ref. No. 2 thru 8	3	200PEE029B
ϕ	SPACER, Fluid Cylinder to Frame	6	80C44
2	STUD, Cylinder to Frame & Stuffing Box	12	79AK8
3	NUT, Cylinder to Frame & Stuffing Box Stud	24	50B32
4	WASHER-PLAIN, Cylinder to Stuffing Box	12	95U8
5	STUD, Valve Cover	12	79AJ5
6	NUT, Valve Cover Stud	12	50B34
7	STUD, Cylinder to Discharge Manifold	12	79AJ1
8	NUT, Cylinder to Discharge Manifold Stud	12	50B31
9	COVER-VALVE	3	7PE147
10	GASKET, Valve Cover	3	25AL35
11	MANIFOLD-SUCTION	1	9PE110
12	SCREW, Suction Manifold to Cylinder	12	75A29
13	GASKET, Suction Manifold to Cylinder	3	25C1271
14	PLUG-SqHd PIPE, Suction Manifold	3	64AA3
15	FLANGE-SUCTION	2	64CA11 *
16	GASKET, Suction Flange	2	25C121 *
17	SCREW. Suction Flange	16	75A94 *
18	NUT, Suction Flange Screw	16	50B7 *
19	MANIFOLD-DISCHARGE	1	200PEE071
20	GASKET, Cylinder to Discharge Manifold	3	25BC86
21	FLANGE, Discharge Manifold	2	2009760 *
22	GASKET, Discharge Manifold Flange	2	2009761 *
23	SCREW, Discharge Manifold Flange	16	75A111 *
24	NUT, Discharge Manifold Flange Screw	16	50B32 *

ϕ Not shown on illustration.
* These parts are not standard equipment but are furnished when ordered.

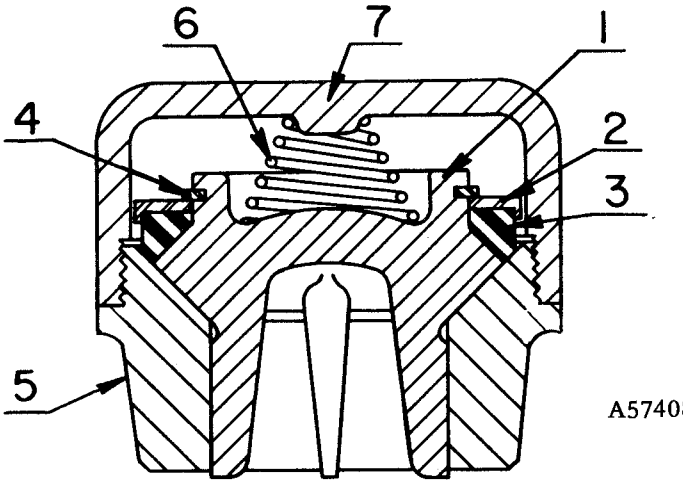


D76402

Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGED_A TGEE_A
	FLUID END		Part No.
	(High Pressure Block Steel Well Service)		
1	ASM FLUID CYLINDER, Incl. Ref. No. 2 thru 7	3	200TEE029B
2	NUT-HEX, Valve Cover Stud	48	50B32
3	NUT-HEX, Discharge Manifold to Fluid Cylinder Stud	12	50B32
4	NUT-HEX, Fluid Cylinder to Frame Stud	12	50B34
5	NUT-HEX, Stuffing Box to Fluid Cylinder Stud	12	50AQ30
6	STUD, Fluid Cylinder Valve Cover	48	201TEE110
7	STUD, Fluid Cylinder to Discharge Manifold	12	79L96
8	STUD, Fluid Cylinder to Frame & Stuffing Box	12	200TEE110
9	COVER-VALVE	6	200TEE147
10	GASKET, Hydraulic Ring Valve Cover	6	25AL20
11	MANIFOLD-DISCHARGE	1	200TEE071
12	GASKET, Hydraulic Ring Discharge Manifold	3	25AL59
13	MANIFOLD-SUCTION	1	200PEE069
14	GASKET, Manifold to Cylinder	3	25C1271
15	SCREW-HEX CAP	12	75A29
16	PLUG-SqHd PIPE	1	64AA3
17	FLANGE-DISCHARGE	2	64EB37
18	SCREW-HEX CAP	16	75A231
19	NUT-HEX	16	50B9
20	GASKET-RING JOINT	2	25BC42



Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGEF_A TGEG_A
	FLUID END (High Pressure Cast Steel Well Service)		Part No.
1	ASM FLUID CYLINDER, Incl. Ref. No. 2, 3, 5, 6, 7 & 10	1	4PE29B
2	STUD, Valve Cover to Cylinder	24	79AJ5
3	NUT, Valve Cover to Cylinder Stud	24	50B10
4	GASKET, Valve Cover	6	25AL35
5	NUT, Cylinder to Frame Stud	12	50B10
6	STUD, Cylinder to Frame	12	79AB16
7	NUT, Stuffing Box to Frame Stud	12	50T90
10	PLUG-SqHd PIPE, Manifold Drain	1	64AA3
11	MANIFOLD-SUCTION	1	4PE110
12	SCREW, Suction Manifold to Cylinder	12	75A29
13	GASKET, Suction Manifold to Cylinder	3	25C1271
14	COVER-VALVE	6	7PE147



A57408X

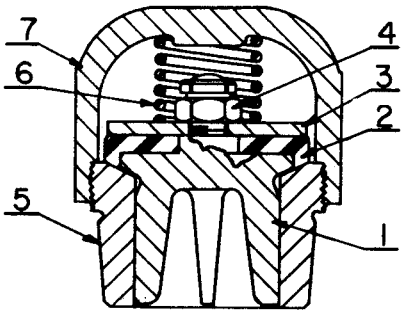
Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGEF_A TGEG_A
	*** SUCTION AND DISCHARGE VALVE HARDENED STEEL – WING GUIDED (WITH RUBBER INSERT)**		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 7	6	211VWF482A
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 4	6	1PT206C
1	VALVE	6	1PT206
2	WASHER-VALVE	6	PT279
3	INSERT	6	2PT452
4	RING-RETAINING	6	65W19
5	SEAT-VALVE	6	201VWF039
6	SPRING	6	78C39
7	CAGE-VALVE	6	201VWF054

† Selective for Column 7 & 8

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A
	*** DISCHARGE VALVE HARDENED STEEL – WING GUIDED (WITH RUBBER INSERT)**		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 7	3	211VWF482A
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 4	3	1PT206C
1	VALVE	3	1PT206
2	WASHER-VALVE	3	PT279
3	INSERT	3	2PT452
4	RING-RETAINING	3	65W19
5	SEAT-VALVE	3	201VWF039
6	SPRING	3	78C39
7	CAGE-VALVE	3	201VWF054

For above valves use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 209TAE219 Puller Head.

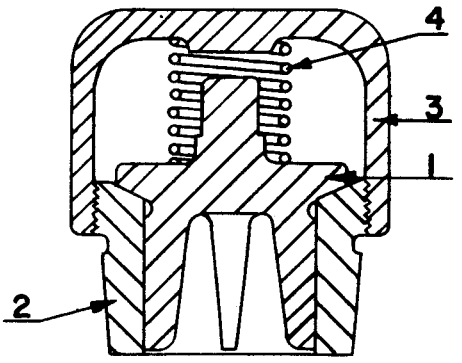
* Selective for Column 10.



A56748

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A
	*** SUCTION VALVE HARDENED STEEL WING GUIDED (WITH RUBBER INSERT)**		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 7	3	211VWC482A
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 4	3	PG206A
1	VALVE-FLUID	3	PG206
2	INSERT	3	PG452
3	WASHER	3	95D166
4	NUT	3	50AF3
5	SEAT	3	201VWC039
6	SPRING	3	78A148
7	CAGE	3	201VWC054

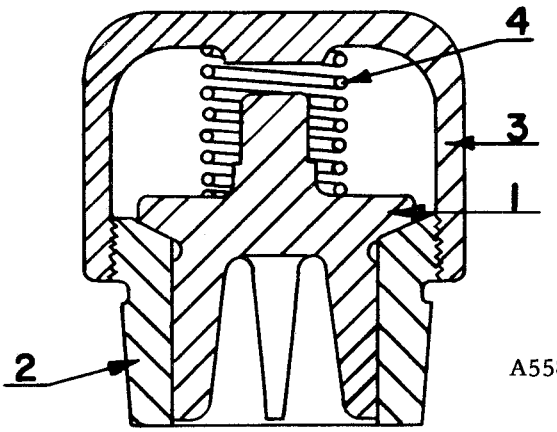
Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A
	*** SUCTION VALVE ALUMINUM BRONZE WING GUIDED (WITHOUT INSERT)**		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	3	208VWC482A
1	VALVE-FLUID	3	3PG206
2	SEAT	3	200VWC039
3	CAGE	3	200VWC054
4	SPRING	3	78H24



A55875

* Selective for Column 10.

For above valves use one (1) TEE68699 Valve Puller Group as shown on page 29. and one (1) 208TAE219 Puller Head.



A55875

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A **
	SUCTION VALVE * HARDENED STEEL – WING GUIDED (WITHOUT INSERT)		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	3	210VWC482A
1	VALVE	3	6PG206
2	SEAT	3	201VWC039
3	CAGE	3	201VWC054
4	SPRING	3	78H22

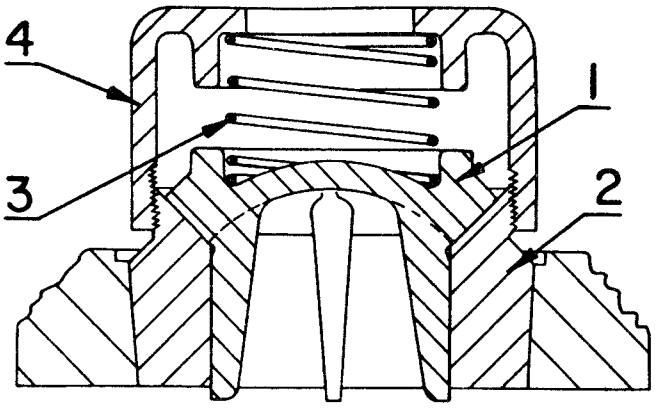
For above valve use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 208TAE219 Puller Head.

	DISCHARGE VALVE * HARDENED STEEL – WING GUIDED (WITHOUT INSERT)		
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	3	210VWF482A
1	VALVE	3	1PT206
2	SEAT	3	201VWF039
3	CAGE	3	201VWF054
4	SPRING	3	78C39

** Selective for Column 10.
For above valve use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 209TAE219 Puller Head.

* This valve is for waterblast service and other services requiring steel wing guided valves without insert for over 6500 PSIG.

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.



A56557

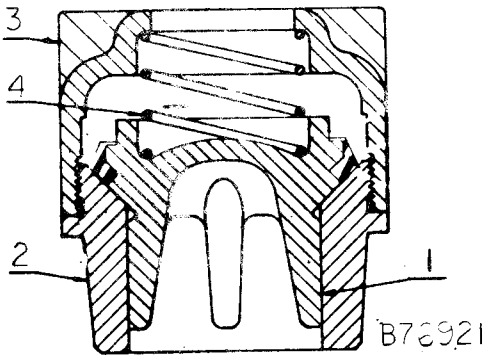
Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEA_A	Model TGEB_A
	* SUCTION & DISCHARGE VALVE ALUMINUM BRONZE - WING GUIDED (WITHOUT INSERT)		Part No.	Part No.
	FLUID VALVE GROUP, ... Incl. Ref. No. 1 thru 4	6	208VWH482A	208VWF482A
1	VALVE-FLUID	6	3PA206	PT206
2	SEAT	6	200VWH039	200VWF039
3	SPRING	6	78H29	78H22
4	CAGE-VALVE	6	200VWH054	200VWF054

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_
	* DISCHARGE VALVE ALUMINUM BRONZE - WING GUIDED (WITHOUT INSERT)		Part No.
	FLUID VALVE GROUP, ... Incl. Ref. No. 1 thru 4	3	208VWF482A
1	VALVE-FLUID	3	PT206
2	SEAT	3	200VWF039
3	SPRING	3	78H22
4	CAGE-VALVE	3	200VWF054

* Selective for Column 10

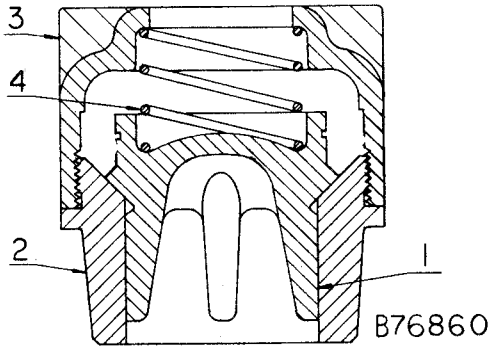
For Model TGEA_ of the above valves use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 200PEE219 Puller Head.
For Models TGEB_ and TGEC_ of the above valves use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 209TAE219 Puller Head.

Order by Part Number and Description. Reference Numbers for your Convenience Only.



NOTE: For these valves use one (1) TEE73494 Valve Puller Group as shown on page 29 and one (1) 200PEE219 Puller Head.

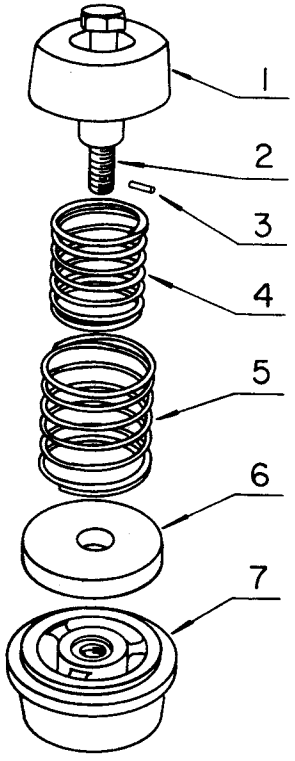
Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGED_A TGEE_A
	*** SUCTION & DISCHARGE VALVE CAST STEEL - WING GUIDED (WITH POLYURETHANE INSERT) (FOR HP BLOCK STEEL CYLINDER)**		Part No.
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	6	TEE90019
1	VALVE-FLUID	6	204TEE482
2	SEAT-VALVE	6	200PEE039
3	CAGE-VALVE	6	200PEE054
4	SPRING	6	78H26
	*** SUCTION & DISCHARGE VALVE CAST STEEL - WING GUIDED (WITH CARBOXYLATED RUBBER INSERT) (FOR HP BLOCK STEEL CYLINDER)**		
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	6	TEE90020
1	VALVE-FLUID	6	203TEE482
2	SEAT-VALVE	6	200PEE039
3	CAGE-VALVE	6	200PEE054
4	SPRING	6	78H26



Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGED_A TGEE_A
	*** SUCTION & DISCHARGE VALVE CAST STEEL - WING GUIDED (WITHOUT INSERT) (FOR HP BLOCK STEEL CYLINDER)**		
	FLUID VALVE GROUP, Incl. Ref. No. 1 thru 4	6	TGE90021
1	VALVE-FLUID	6	202TEE482
2	SEAT-VALVE	6	200PEE039
3	CAGE-VALVE	6	200PEE054
4	SPRING	6	78H26

* Selective for Column 10

DELRIN DISC FLUID VALVES FOR LOW PRESSURE CAST ALUMINUM BRONZE CYLINDERS



A75300

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEA_A Aluminum Bronze	Stainless Steel	Monel
	* SUCTION & DISCHARGE VALVE		Part No.	Part No.	Part No.
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 7 .	6	200VLH482	201VLH482	202VLH482
1	RETAINER	6	2010582	2010582	2010584
2	FASTENER	6	2010598	2010598	2010598
3	PLUG-THREAD LOCK	6	2010602	2010602	2010602
4	SPRING (Inner)	6	2010604	2010604	2010604
5	SPRING (Outer)	6	2010607	2010607	2010607
6	PLATE-VALVE	6	2010611	2010611	2010611
7	SEAT-VALVE	6	2010623	2010624	2010625

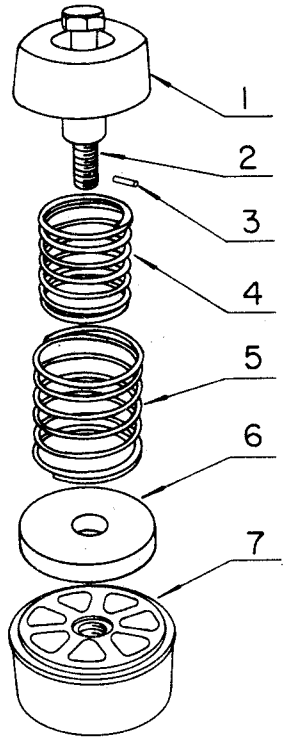
For above valve use one (1) TEE68700 Valve Puller Group as shown on page 29 and one (1) 100E6 Puller Head.

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEB_A Aluminum Bronze	Stainless Steel	Monel
	* SUCTION & DISCHARGE VALVE		Part No.	Part No.	Part No.
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 7 .	6	200VLF482	201VLF482	202VLF482
1	RETAINER	6	2010585	2010585	2010585
2	FASTENER	6	2010598	2010598	2010598
3	PLUG-THREAD LOCK	6	2010602	2010602	2010602
4	SPRING (Inner)	6	2010605	2010605	2010605
5	SPRING (Outer)	6	2010608	2010608	2010608
6	PLATE-VALVE	6	2010612	2010612	2010612
7	SEAT-VALVE	6	2010629	2010630	2010631

For above valve use one (1) TEE68700 Valve Puller Group as shown on page 29 and one (1) 100E5 Puller Head.

* Selective for Columns 10.

DELRIN DISC FLUID VALVES FOR HIGH PRESSURE BLOCK ALUMINUM BRONZE CYLINDERS & HIGH PRESSURE BLOCK STEEL CYLINDERS



A75301

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A Aluminum Bronze	Stainless Steel	Monel
	*** SUCTION VALVE**		Part No.	Part No.	Part No.
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 7	3	200VHC482	201VHC482	202VHC482
1	RETAINER	3	2010591	2010591	2010591
2	FASTENER	3	2010600	2010600	2010600
3	THREAD LOCK PLUG	3	2010603	2010603	2010603
4	SPRING (Inner)	3	2010606	2010606	2010606
5	SPRING (Outer)	3	2010609	2010609	2010609
6	PLATE-VALVE	3	2010615	2010615	2010615
7	SEAT-VALVE	3	2010653	2010654	2010655

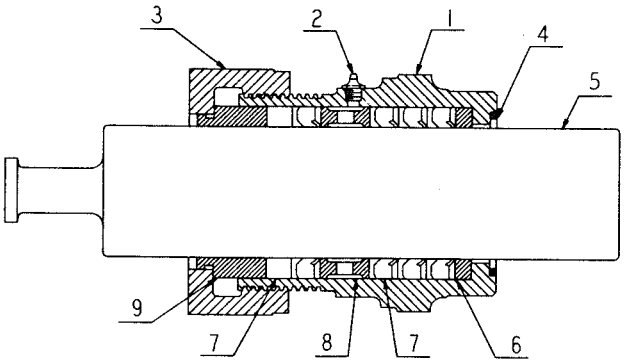
For above valve use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 205TAE219A Puller Head Assembly.

	*** DISCHARGE VALVE**				
	ASM FLUID VALVE, Incl. Ref. No. 1 thru 7	3	210VHF482	211VHF482	212VHF482
1	RETAINER	3	2010588	2010588	2010588
2	FASTENER	3	2010599	2010599	2010599
3	THREAD LOCK PLUG	3	2010603	2010603	2010603
4	SPRING (Inner)	3	2010606	2010606	2010606
5	SPRING (Outer)	3	2010609	2010609	2010609
6	PLATE-VALVE	3	2010615	2010615	2010615
7	SEAT-VALVE	3	2109442	2109449	2109445

* Selective for Column 10.

For above valve use one (1) TEE68699 Valve Puller Group as shown on page 29 and one (1) 204TAE219A Puller Head Assembly.

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.



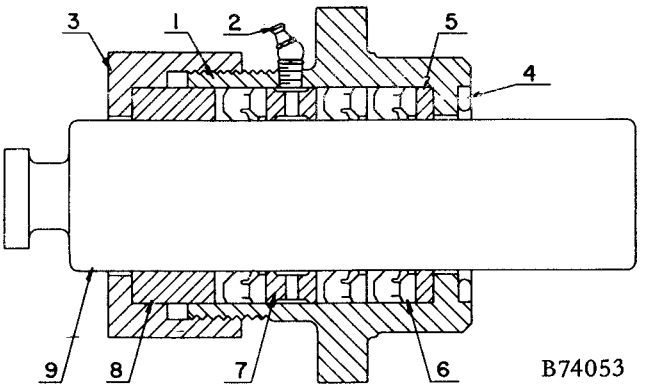
C76922

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEA_A 4"	3-1/2"	3-1/4"	3"
	*** STUFFING BOX, PLUNGERS & PACKING (For Low Pressure Aluminum Bronze Cylinders)**		Part No.	Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	8PE14	9PE14	23PE14	10PE14
2	FITTING-LUBE	3	40E7	40E7	40E7	40E7
3	GLAND	3	2PE113	2PE113	3PE113	3PE113
4	GASKET	3	25AL36	25AL36	25AL36	25AL36
†	PIN, Gland	3	62L72	62L72	62L72	62L72
5	PLUNGER (Ceramic)	3	PE3840	PE3835	PE3832	PE3830
5	PLUNGER (Colmonoy)	3	1PE3840	1PE3835	1PE3832	1PE3830
5	PLUNGER (Chrome Plated)	3	3PE3840	3PE3835	3PE3832	3PE3830
				PACKING - "J" STYLE		
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	63PE1600	64PE1600	51PE1600	65PE1600
6	RING-JUNK	3	38PE317	36PE317	41PE317	26PE317
7	PACKING	3	60BU72	60BU73	60BU71	60BU74
8	SPACER-LANTERN	3	31PE445	33PE445	28PE445	34PE445
9	BUSHING-GLAND	3	28PE152	29PE152	41PE152	30PE152

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEB_A 3"	2-3/4"	2-1/2"	2-1/4"
	*** STUFFING BOX, PLUNGERS & PACKING (For Medium Pressure Aluminum Bronze Cylinders)**		Part No.	Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	10PE14	11PE14	12PE14	13PE14
2	FITTING-LUBE	3	40E7	40E7	40E7	40E7
3	GLAND	3	3PE113	3PE113	3PE113	3PE113
4	GASKET	3	25AL36	25AL36	25AL36	25AL36
†	PIN, Gland	3	62L72	62L72	62L72	62L72
5	PLUNGER (Ceramic)	3	PE3830	PE3827	PE3825	PE3822
5	PLUNGER (Colmonoy)	3	1PE3830	1PE3827	1PE3825	1PE3822
5	PLUNGER (Chrome Plated)	3	3PE3830	3PE3827	3PE3825	3PE3822
				PACKING - "J" STYLE		
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	65PE1600	66PE1600	67PE1600	68PE1600
6	RING-JUNK	3	26PE317	27PE317	28PE317	25PE317
7	PACKING	3	60BU74	60BU75	60BU76	60BU77
8	SPACER-LANTERN	3	34PE445	35PE445	36PE445	37PE445
9	BUSHING-GLAND	3	30PE152	31PE152	32PE152	27PE152

† Not Shown On Illustration
* Selective For Columns 7, 8 & 9

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.



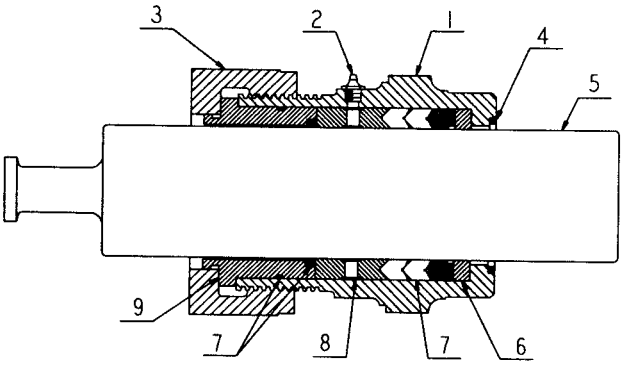
Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A 2"	1-3/4"	1-1/2"
	*** STUFFING BOX, PLUNGER & PLUNGER PACKING (For High Pressure Block Steel Cylinders)**		Part No.	Part No.	Part No.
1	ASM STUFFING BOX, Incl. Ref. No. 2	3	34PE14	35PE14	35PE14
2	FITTING-LUBE	3	40E7	40E7	40E7
3	GLAND	3	2011555	2011555	2011555
4	GASKET	3	25AL54	25AL54	25AL54
ϕ	PIN, Stuffing Box Gland Lock	3	62L45	62L45	62L45
			PACKING - "J" Style		
	ASM PACKING, Incl. Ref. No. 5, 6, 7 & 8	3	PS160020	PS160017	PS160015
5	RING-JUNK	3	PQ31720	PQ31717	PQ31715
6	PACKING	3	60BU97	60BU31	60BU98
7	SPACER-LANTERN	3	PQ44520	PQ44517	PQ44515
8	BUSHING-GLAND	3	PS15220	PS15217	PS15215
9	PLUNGER (Colmonoy)	3	11PE3820	11PE3817	11PE3815

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEC_A 1-1/4"	1"
	*** STUFFING BOX, PLUNGER & PLUNGER PACKING (For High Pressure Block Steel Cylinders)**		Part No.	Part No.
1	ASM STUFFING BOX, Incl. Ref. No. 2	3	36PE14	36PE14
2	FITTING-LUBE	3	40E7	40E7
3	GLAND	3	2011555	2011555
4	GASKET	3	25AL54	25AL54
ϕ	PIN, Stuffing Box Gland Lock	3	62L45	62L45
			"J" STYLE	LEAD FLAX
	ASM PACKING, Incl. Ref. No. 5, 6, 7 & 8	3	PS160012	2006135
5	RING-JUNK	3	PQ31712	PQ31710
6	PACKING	3	60BU33	60CB210
7	SPACER-LANTERN	3	PQ44512	None
8	BUSHING-GLAND	3	PS15212	PS15210
9	PLUNGER (Colmonoy)	3	11PE3812	2006145

ϕ Not shown on illustration.

* Selective for Columns 7, 8 & 9.

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.



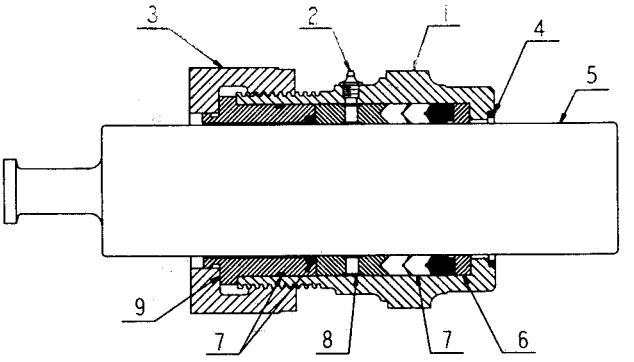
C76923

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGED_A 4"	3-1/2"	3"	2-3/4"
	* **STUFFING BOX, PLUNGERS & PACKING (For High Pressure Block Steel Cylinders)**		Part No.	Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	200TEE014	201TEE014	202TEE014	203TEE014
2	FITTING-LUBE	3	40E7	40E7	40E7	40E7
3	GLAND	3	200PEE008	200PEE008	4PE113	4PE113
4	GASKET	3	25AL20	25AL20	25AL20	25AL20
†	PIN-GLAND	3	62L72	62L72	62L72	62L72
5	PLUNGER (Colmonoy)	3	1PE3840	1PE3835	1PE3830	1PE3827
5	PLUNGER (Chrome Plated)	3	3PE3840	3PE3835	3PE3830	3PE3827
			PACKING - "S" STYLE			
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	TEE77906	TEE77907	TEE77908	TEE77909
6	RING-JUNK	3	200TEE317	201TEE317	202TEE317	203TEE317
7	PACKING	3	60DD116	60DD115	60DD113	60DD112
8	SPACER-LANTERN	3	200TEE445	201TEE445	202TEE445	203TEE445
9	BUSHING-GLAND	3	200TEE152	201TEE152	202TEE152	203TEE152

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGED_A 2-1/2"	2-1/4"	2"	1-3/4"
	* **STUFFING BOX, PLUNGERS & PACKING (For High Pressure Block Steel Cylinders)**		Part No.	Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	204TEE014	205TEE014	206TEE014	207TEE014
2	FITTING-LUBE	3	40E7	40E7	40E7	40E7
3	GLAND	3	4PE113	4PE113	4PE113	4PE113
4	GASKET	3	25AL20	25AL20	25AL20	25AL20
†	PIN-GLAND	3	62L72	62L72	62L72	62L72
5	PLUNGER (Colmonoy)	3	1PE3825	1PE3822	11PE3820	11PE3817
5	PLUNGER (Chrome Plated)	3	3PE3825	3PE3822	3PE3820	3PE3817
			PACKING - "S" STYLE			
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	TEE77910	TEE77911	TEE77912	TEE77913
6	RING-JUNK	3	204TEE317	205TEE317	206TEE317	207TEE317
7	PACKING	3	60DD111	60DD110	60DD109	60DD108
8	SPACER-LANTERN	3	204TEE445	205TEE445	206TEE445	207TEE445
9	BUSHING-GLAND	3	204TEE152	205TEE152	206TEE152	207TEE152

† Not Shown On Illustration
* Selective For Columns 7, 8 & 9

ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.

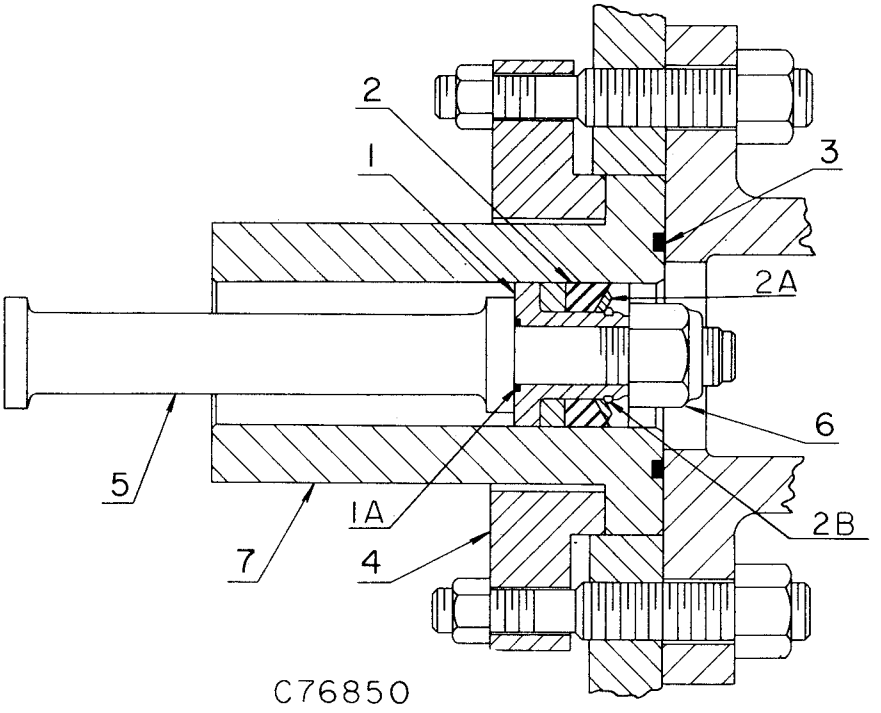


C76923

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEF_A 3"	2-3/4"	2-1/2"
	*** STUFFING BOX, PLUNGERS & PACKING (For High Pressure Cast Steel Cylinders)**		Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	25PE14	26PE14	27PE14
2	FITTING-LUBE	3	40E7	40E7	40E7
3	GLAND	3	4PE113	4PE113	4PE113
4	GASKET	3	25AL35	25AL35	25AL35
†	PIN, Gland	3	62L72	62L72	62L72
5	PLUNGER (Ceramic)	3	PE3830	PE3827	PE3825
5	PLUNGER (Colmonoy)	3	1PE3830	1PE3827	1PE3825
5	PLUNGER (Chrome Plated)	3	3PE3830	3PE3827	3PE3825
			PACKING "S" STYLE		
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	TEE77908	TEE77909	TEE77910
6	RING-JUNK	3	202TEE317	203TEE317	204TEE317
7	PACKING	3	60DD113	60DD112	60DD111
8	SPACER-LANTERN	3	202TEE445	203TEE445	204TEE445
9	BUSHING-GLAND	3	202TEE152	203TEE152	204TEE152

Ref. No.	Name of Part	Qty. Req. Per Pump	Model TGEF_A 2-1/4"	2"	1-3/4"
	*** STUFFING BOX, PLUNGERS & PACKING (For High Pressure Cast Steel Cylinders)**		Part No.	Part No.	Part No.
1	STUFFING BOX, Incl. Ref. No. 2	3	28PE14	29PE14	30PE14
2	FITTING-LUBE	3	40E7	40E7	40E7
3	GLAND	3	4PE113	4PE113	4PE113
4	GASKET	3	25AL35	25AL35	25AL35
†	PIN, Gland	3	62L72	62L72	62L72
5	PLUNGER (Ceramic)	3	PE3822	PE3820	PE3817
5	PLUNGER (Colmonoy)	3	1PE3822	11PE3820	11PE3817
5	PLUNGER (Chrome Plated)	3	3PE3822	3PE3820	3PE3817
			PACKING - "S" STYLE		
	ASM PACKING, Incl. Ref. No. 6 thru 9	3	TEE77911	TEE77912	TEE77913
6	RING-JUNK	3	205TEE317	206TEE317	207TEE317
7	PACKING	3	60DD110	60DD109	60DD108
8	SPACER-LANTERN	3	205TEE445	206TEE445	207TEE445
9	BUSHING-GLAND	3	205TEE152	206TEE152	207TEE152

† Not Shown On Illustration
* Selective For Columns 7, 8 & 9



Model TGEE_A

Ref. No.	Name of Part	Qty. Req. Per Pump	2-3/4"	3"	3-1/2"	4"
	PISTON & LINERS **		Part No.	Part No.	Part No.	Part No.
1	ASM PISTON BODY, Incl. Ref. No. 1A & 2	3	227TBA045A	228TBA045A	230TBA045A	232TBA045A
1A	O-RING	3	25AH1	25AH1	25AH1	25AH1
2	INSERT GROUP, Incl. Ref. No. 2A & 2B	3	TBA76003	TBA76004	TBA76006	TBA76008
2A	PLATE-RETAINER	3	*	*	*	*
2B	RING-RETAINER	3	*	*	*	*
3	GASKET-HYDRAULIC RING	3	25AL20	25AL20	25AL20	25AL20
4	CLAMP-LINER	3	200PEE455	200PEE455	200PEE455	200PEE455
5	ASM PISTON ROD, Incl. Ref. No. 6	3	200PEE060	200PEE060	200PEE060	200PEE060
6	NUT, Piston Rod	3	50V3	50V3	50V3	50V3
7	LINER	3	200PEE456	201PEE456	202PEE456	203PEE456

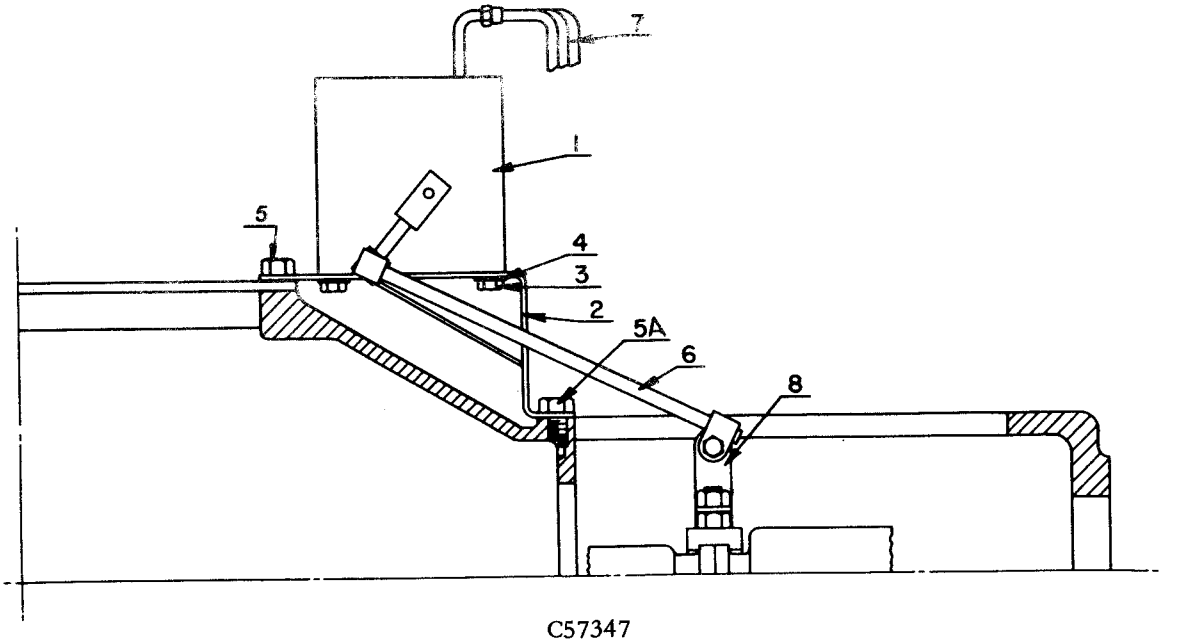
Model TGEG_A

Ref. No.	Name of Part	Qty. Req. Per Pump	2-1/2"	2-3/4"	3"
	PISTONS & LINERS **		Part No.	Part No.	Part No.
1	ASM PISTON BODY, Incl. Ref. No. 1A †† & 2	3	45R1	227TBA045A	228TBA045A
1A	O-RING	3	-----	25AH1	25AH1
2	INSERT GROUP, Incl. Ref. No. 2A & 2B††	3	45R8	TBA76003	TBA76004
2A	PLATE-RETAINER	3	*	*	*
2B	RING-RETAINER	3	*	*	*
3	GASKET-HYDRAULIC RING	3	25AL35	25AL35	25AL35
4	CLAMP-LINER	3	1PE217	1PE217	1PE217
5	ASM PISTON ROD, Incl. Ref. No. 6	3	200PEE060	200PEE060	200PEE060
6	NUT, Piston Rod	3	50V3	50V3	50V3
7	LINER	3	PE13925	2011248	PE13930

* Not to be sold separately

†† 1A, 2A and 2B not applicable for 2-1/2" size

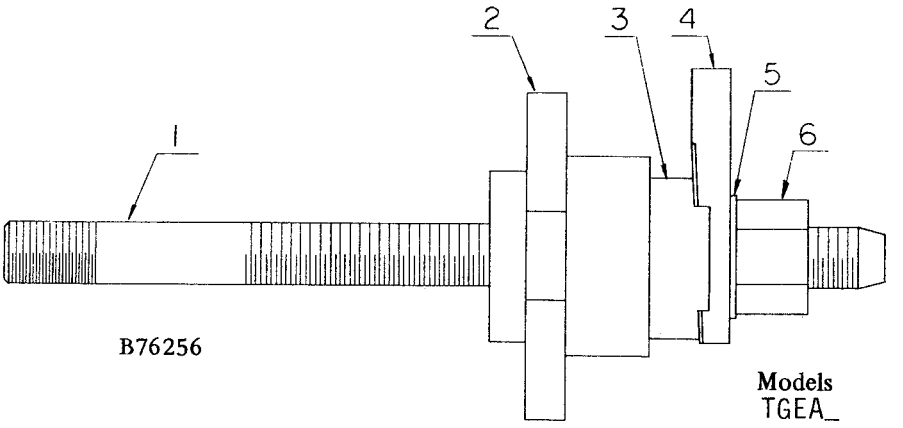
** Selective for columns 7 & 8.



C57347

Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGEA_A TGEB_A TGEC_A TGED_A TGEF_A
	LUBRICATOR (Optional Equipment)		Part No.
	LUBRICATOR GROUP Includes The Following Items	1	TEE75221
1	LUBRICATOR, Force Feed	1	40G99
ϕ	VALVE-CHECK	3	90J111
2	BRACKET-LUBRICATOR	1	3PE795
3	SCREW, Lubricator to Bracket (5/16 x 7/8)	4	75A34
4	WASHER, Lubricator to Bracket Screw	4	95B2
5	SCREW, Bracket to Frame (1/2 x 1)	2	75A4
5A	SCREW, Bracket to Frame (1/2 x 3/4)	2	75A192
6	ROD-CONTROL, Lubricator	1	2005879
ϕ	LOCKNUT, Control Rod	1	50B3
7	TUBING, Lubricator to Stuffing Box — Length required for one (1) pump		85D4A1500
ϕ	CONNECTOR-TUBE	3	86A1
ϕ	CONNECTOR (90°)	3	86A25
8	BRACKET, Lubricator Drive	1	200PEE017
ϕ	SCREW, Plunger Coupling	2	75A221C

ϕ Not shown on illustration.

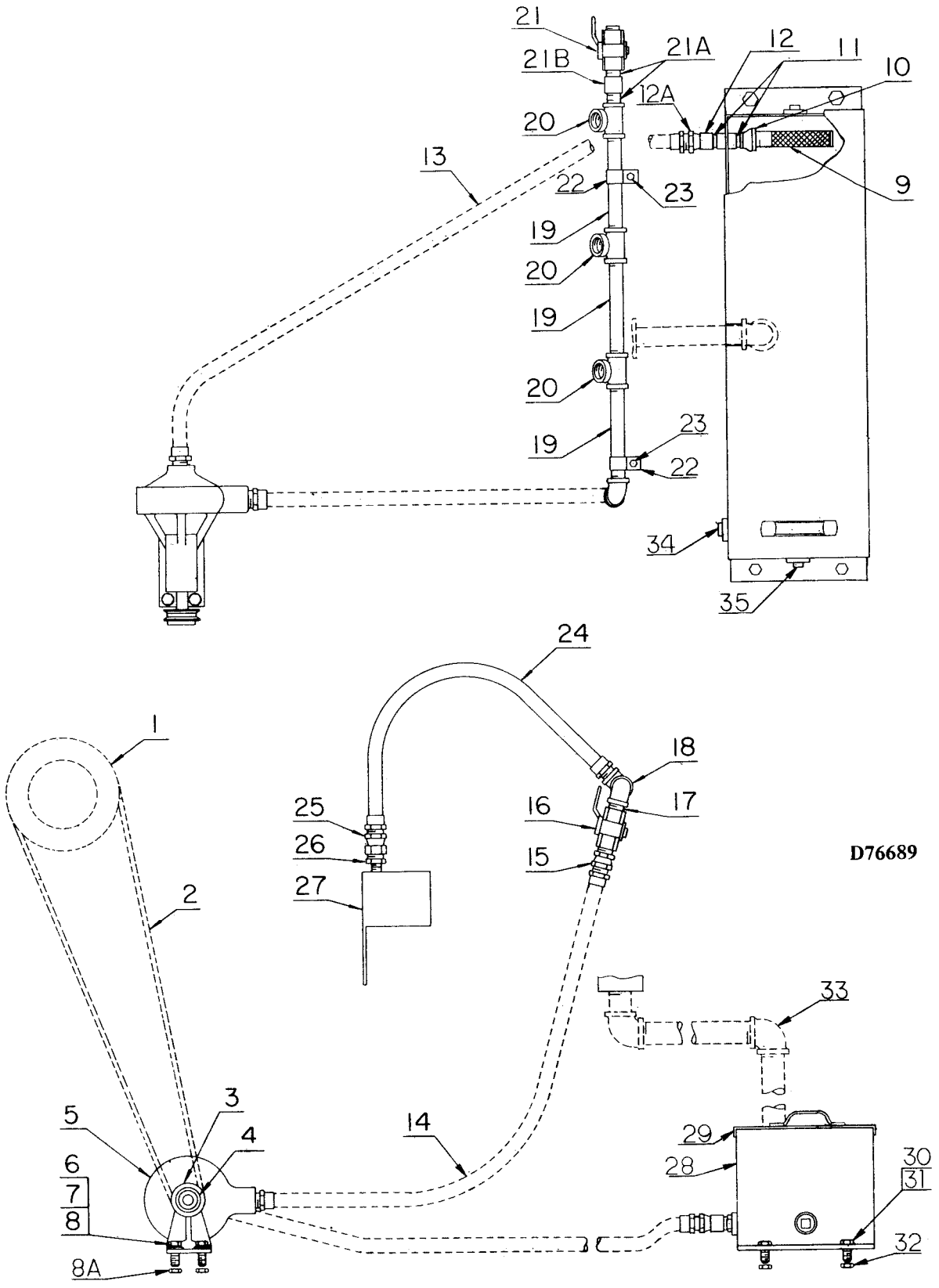


Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGED_ TGEE_	Models TGEA_ TGEB_ TGEC_ TGEF_ TGEG_	Models TGEA_ TGEB_
	VALVE SEAT PULLER (Optional Equipment)		Part No.	Part No.	Part No.
	PULLER GROUP, Incl. Ref. No. 1 thru 6 . . .	1	TEE73494	TEE68699	TEE68700
1	ROD	1	200TAE193	200TAE193	200TEE193
2	PLATE-PULLER	1	202TEE340	200TEE340	200TEE340
3	WASHER	1	200TAE244	200TAE244	200TAE244
4	WEDGE	1	200TAE091	200TAE091	200TAE091
5	WASHER-PLAIN	1	95U14	95U14	95U14
6	NUT	1	200TAE086	200TAE086	200TAE086
ϕ	TAG-INSTRUCTION	1	200TEE304	200TEE304	200TEE304

ϕ Not shown on illustration.

For Models TBEB_ and TGEC_ use 16AUX206 Valve Cage Wrench.
For Models TBEA_, TGED_, TGEE_, TGEF_ and TGEG_ use 18AUX206 Valve Cage Wrench.

Name of Part	Qty. Req. Per Pump	Model TGEA_	Model TGEB_	Model TGEC_
OPTIONAL EQUIPMENT		Part No.	Part No.	Part No.
ASM SURGE CHAMBER, Incl. the next item	1	PX44A	3FG44A	3FG44A
PLUG-SqHd PIPE	1	64AJ9	64AJ15	64AJ15
GASKET, Chamber to Suction Manifold	1	25C861	25C121	25C121
SCREW, Chamber to Suction Manifold	8	75A74	75A75	75A94
NUT-HEX, Chamber to Suction Manifold Screw	8	50B8	50B7	50B7
FLANGE-THREADED	2	None	None	64CA11
BUSHING-PIPE	1	None	None	64E66
NIPPLE-PIPE	1	None	None	63P1

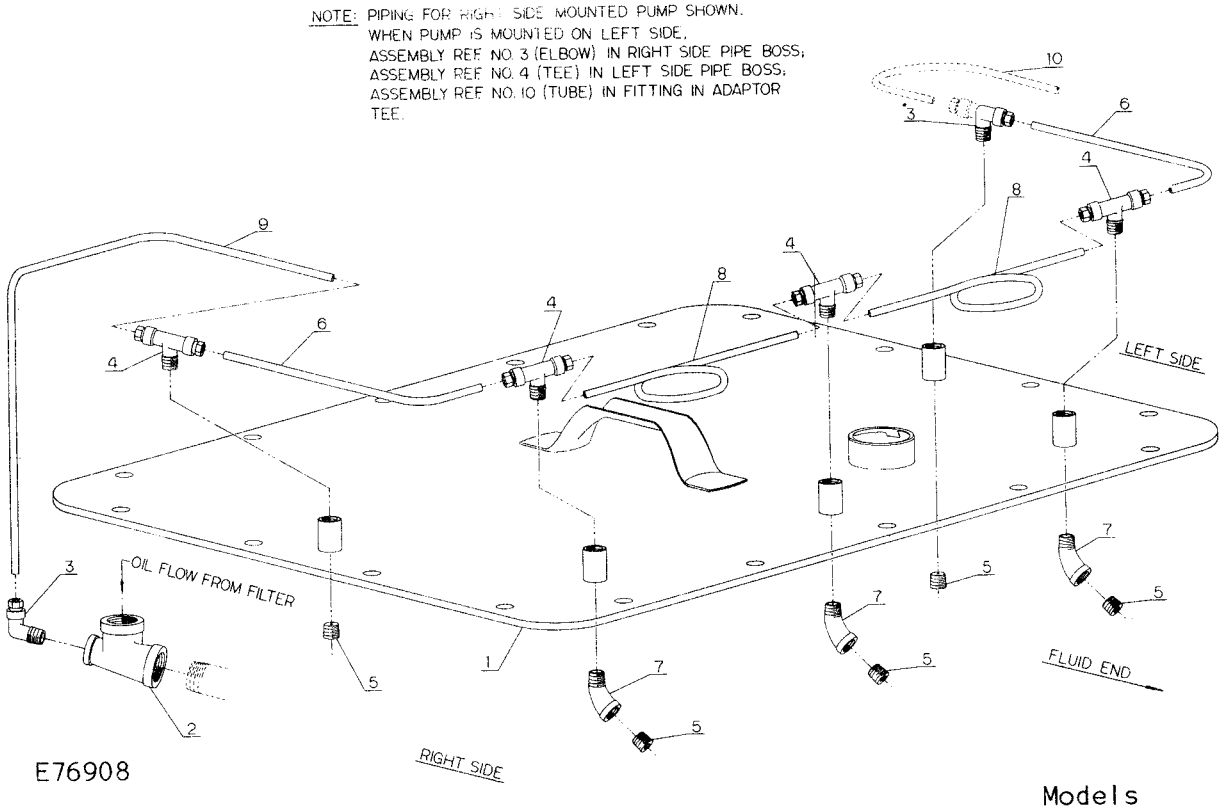


For List of Parts See Page 31

ORDER BY PART NUMBER & DESCRIPTION. REF. NO'S FOR YOUR CONVENIENCE ONLY.

Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGEE_A TGEG_A
	PISTON ROD WASH PIPING (Optional Equipment)		Part No.
1	SHEAVE-AUXILIARY DRIVE	1	*
2	BELT	1	*
3	SHEAVE-DRIVEN	1	73K1A30
4	BUSHING-SHEAVE	1	22E16B
5	CENTRIFUGAL PUMP	1	CA122
6	SCREW, Pump to Skid	4	75A1
7	WASHER, Lock	4	95B3
8	WASHER, Plain	4	95A3
8A	NUT-HEX	4	50B3
9	SCREEN, Oil	1	3WAJ511
10	REDUCER-PIPE	1	64N7
11	NIPPLE-PIPE	2	63H1
12	COUPLING-PIPE	1	64AB4
12A	ADAPTOR-HOSE	1	29Q9
13	ASM HYDRAULIC HOSE (1" W/1" Fittings)	1	*
14	ASM HYDRAULIC HOSE (1" W/1" Fittings)	1	*
15	ADAPTOR-HOSE	1	29Q9
16	VALVE	1	90A36
17	NIPPLE-PIPE	1	63H25
18	ELBOW-PIPE	1	64S5
19	NIPPLE-PIPE	3	63G15
20	TEE-PIPE	3	64P39
21	VALVE	1	90A25
21A	NIPPLE-PIPE	2	63G2
21B	COUPLING-PIPE	1	64AB3
22	CLAMP	2	98H4
23	SCREW, Clamp to Frame	2	75A32
24	ASM HYDRAULIC HOSE	3	29R32
25	ADAPTOR-HOSE	3	29Q7
26	BUSHING-PIPE	3	64E2
27	BAFFLE	3	200TEE840
28	ASM TANK, Lube Oil	1	PA252A
29	COVER-TANK	1	PA253
30	SCREW-HEX CAP, Tank to Skid	4	75A39
31	WASHER, Lock	4	95B5
32	NUT-HEX	4	50B5
33	DRAIN, Return	1	*
34	SQ HD PLUG	1	64A6
35	SQ HD PLUG	1	64AA7

* Ref. numbers 1, 2, 13, 14 and 33 are to be furnished by the customer.



E76908

Ref. No.	Name of Part	Qty. Req. Per Pump	Models TGED_A TGEE_A TGEF_A TGEG_A
	LUBE PIPING (Optional Equipment)		Part No.
1	Hood	1	200TEE053
2	Tee-Pipe	1	64P14
3	Elbow-Tube	2	86E60
4	Tee-Tube	4	86E119
5	Orifice	5	200TEE814
6	Tube, Copper (Length 8.5 Inches Each)	2	85D4A
7	Elbow-Pipe	3	64X2
8	Tube, Copper (Length 17 Inches Each)	2	85D4A
9	Tube, Copper*	23"	85D4A
10	Tube, Copper**	32"	85D4A

* Used for right side mounted pump (standard).
** Used for left side mounted pump.

北京

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