

MODEL 120

Planetary Gearbox Service & Repair Manual

EFFECTIVE FOR:

S/N: 17802 - UP DATE: 02/15/94 - UP

MODEL 120 SERVICE MANUAL SINGLE & DOUBLE PLANETARY

This manual will assist in disassembly and assembly of major components for all Model 120 Planetary Gearboxes including single and double planetary models. Item numbers, indicated in parentheses throughout this manual, refer to the Eskridge Model 120 exploded parts breakdown drawings. Individual customer specifications (mounting case, output shaft, brake assembly, etc.) may vary from exploded drawing and standard part numbers shown. If applicable, refer to individual customer drawing for details.

LUBRICATION AND MAINTENANCE

The manufacturer recommends changing oil after the first 50 hours of operation. Oil should be changed at 500 hour intervals thereafter. All gear boxes require GL-5 grade EP 80/90 gear oil for lubrication. Manufacturer also recommends that unit be partially disassembled to inspect gears and bearings at 1000 hour intervals. The standard Model 120 gearbox is equipped with a grease fitting (33) for lubrication of the output shaft bearings. The bearings should be greased sparingly with lithium or general purpose grease every 50 operating hours or at regular maintenance intervals.

OIL CAPACITIES:

Horizontal shaft operating position: 2.5 pints Vertical shaft operating position: 4.25 pints



WARNING: While working on this equipment, wear adequate protective clothing, hearing, eye, and respiratory protection. Use safe lifting procedures.

BEFORE DISASSEMBLY

There are two types of units: Single planetary without a primary planet carrier and double planetary with a primary planet carrier. Steps with an asterisk (*) apply only to the double planetary models.

UNIT DISASSEMBLY PROCEDURE

(Refer to exploded drawings on pages 6 & 7)

- 1) Scribe a diagonal line across the outside of the unit from the cover (4) to the base (1) before disassembly to aid in the proper positioning of pieces during reassembly.
- 2) Remove magnetic drain plugs (31,32) and drain oil from unit. Maximum drainage occurs when oil is warm.
- 3) Remove 8 cover bolts (25) and lockwashers (29).
- 4) Lift off cover (4). Remove input thrust washer (24) and input gear (11).
- *5) Slide primary planet carrier assembly (items 3,7,9,13,22 & 28) out of unit by lifting up on planet carrier (3).

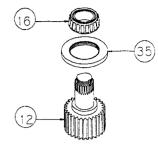
- 6) Remove 12-point flange screws (26), washers (30) and ring gear (5).
- *7) Remove sun gear (10).
- 8) Remove planet shafts (6) and gears (8) by following the procedure on the facing page SECONDARY PLANET CARRIER SUBASSEMBLY.
- 9) Remove locknut (19) and washer (20) from output shaft (12). The locknut may have to be removed by splitting in half with a chisel.

CAUTION: The output shaft is no longer retained. Care should be taken if moving base because output shaft can fall out. Care also should be taken not to injure feet or damage output shaft when shaft is pressed through base.

- 10) Output shaft removal. Base (1) should be set pinion side down on a plate or table with output shaft (12) protruding through a hole in table. Press output shaft out bottom of base by applying a load to top end (internal end) of shaft until it passes through inner shaft bearing cone (15).
- 11) The unit is now disassembled into groups of parts. The area(s) requiring repair should be identified by thorough inspection of the parts after they have been cleaned and dried. Then refer to the appropriate group repair section below.
- 1. Output Shaft subassembly
- *2. Primary Planet Carrier subassembly
- 3. Secondary Planet Carrier subassembly
- 4. Base subassembly

OUTPUT SHAFT SUBASSEMBLY

(ITEMS 12,16 & 35)
DISASSEMBLY AND REPAIR



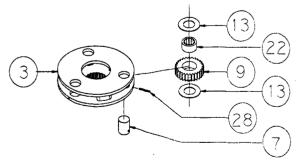
- 1) Tapered bearing cone (16) may be removed using a gear puller. If reusing old bearing cone, do not pull on or damage roller cage.
- 2) Remove old seal (35) and discard. Lubricate inner lip of new seal (35) and turn so open side is upward. Slide seal down output shaft (12) all the way to gear teeth or until it fits snug over shaft seal diameter.

NOTE: Press bearing cone onto output shaft by pressing on inner race only. DO NOT press on roller cage or it may damage bearing.

3) Press bearing cone (16)(large end down) onto output shaft (12). Be sure bearing cone is seated tightly against shoulder of output shaft. If old bearing cone (16) was removed only to replace seal, it may be reused.

*PRIMARY PLANET CARRIER SUBASSEMBLY

(ITEMS 3,7,9,13,22 & 28)
DISASSEMBLY AND REPAIR

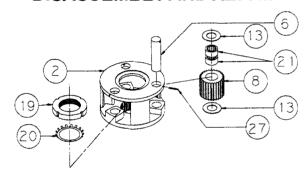


- *1) Drive roll pins (28) completely into planet shafts (7).
- *2) Press or drive shafts out of carrier (3).
- *3) Slide planet gears (9) and planet thrust washers (13) out of primary carrier (3).

- *4) If planet bearings (22) must be replaced, they may now be pressed out of primary planet gears (9).
- *5) Use a 1/8 inch pin punch to remove roll pins from primary planet shafts (7).
- *6) Rebuild primary planet carrier assembly in reverse order using any needed new parts.
- *7) Planet shafts (7) should be installed with chamfered end of 1/8 inch hole toward outside diameter of the carrier (3). This will aid in alignment of holes while inserting roll pins (28).

SECONDARY PLANET CARRIER SUBASSEMBLY

(ITEMS 2,6,8,13,19,20,21 & 27) DISASSEMBLY AND REPAIR

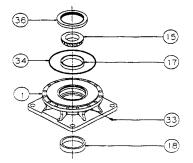


NOTE: <u>Do not rebuild planet carrier assembly until step</u> number 15 of UNIT ASSEMBLY. The locknut (19) and lockwasher (20) cannot be installed when the planet gears are in place.

- 1) Drive roll pins (27) completely into planet shafts (6).
- 2) Pry planet shafts (6) upwards out of carrier (2) using a screwdriver or similar tool between bottom of carrier and top of base (1).
- 3) Slide planet gears (8) and planet washers (13) out of carrier (2).
- 4) Use a 1/8 inch pin punch to remove roll pins (27) from the planet shafts (6).
- 5) If planet bearings (21) must be replaced, they may now be pressed out of planet gears (8).

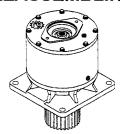
BASE SUBASSEMBLY

(ITEMS 1,15,17,18,33,34 & 36) DISASSEMBLY AND REPAIR



- 1) Inspect inner and outer bearing cups (17,18). Bearing cups are not removable. If cups are damaged, cups and base (1) may need replacement. Contact Eskridge, Inc. if you have questions.
- 2) Remove and inspect o-ring (34), inner shaft seal (36), and inner bearing cone (15).

UNIT ASSEMBLY REASSEMBLING



(Refer to exploded drawings on pages 6 & 7)

- 1) When all the subassemblies are complete, unit is ready to be assembled. Start with base (1) with internal end down (end with 16 holes) on the press table. Apply a thick layer of lithium or general purpose bearing grease to surface of bearing cup (18).
- 2) Invert output shaft assembly (threaded end down) and carefully lower it into base (1) until bearing cone (16) is seated.
- 3) Press outer shaft seal (35) into base until it is flush using a press fixture or a hammer and a large flat-ended bar or rod.

CAUTION: Output shaft is not retained at this point.

- 4) Invert unit and stand it on end of output shaft (12) (pinion down, so that shaft is supporting base assembly).
- 5) While holding end of output shaft (12) with one hand, rotate base (1) to be sure it moves freely. The slight resistance you feel is due to seal load on output shaft.

6) Grease inner bearing cup (17) using lithium or general purpose grease.

NOTE: Press bearing cone onto output shaft by pressing on inner race only. DO NOT press on roller cage or it may damage bearing.

- 7) Slide bearing cone (15) (small end down) over internal end of output shaft. Press bearing on slowly until it is just seated.
- 8) Install inner shaft seal (36).
- 9) Install secondary carrier (2). Move carrier by hand until you are certain carrier spline has started cleanly and squarely onto shaft spline. Note that this is a press fit. Press carrier slowly onto shaft spline.
- NOTE 1: Torque at proper bearing preload will vary according to the application. At output speeds of greater than 25 RPM, preload torque (including seal drag) should be in the range of 20 to 50 in-lbs. At less than 25 RPM, torque should be 50 to 80 in-lbs.
- NOTE 2: Bearing preload is achieved by tightening locknut (19) against the secondary carrier (2).
- NOTE 3: Bearing preload will be determined by <u>measuring</u> bearing <u>rolling resistance</u> which is the torque required to turn shaft (or to turn base with shaft stationary). Torque can be measured with a spring scale attached to the base. For example, with shaft stationary, if a scale is attached to the base, measuring 5 inches from the center of the gearbox and it takes 10 lb. force to rotate base, then preload torque is 5 inch \times 10 lb = 50 in-lbs.
- 10) Install lockwasher (20) and locknut (19). Tighten locknut against top of carrier and measure preload torque between base (1) and shaft (12). If torque is not correct, tighten or loosen locking nut as required and try again. Once preload torque is correct, set the locknut by bending a tab on lockwasher into slot on locknut. For extreme applications that require very high preload, it may be necessary to further secure the locknut by deforming the threads with a centerpunch or by applying an wicking type anerobic locking compound such as Loctite Threadlocker 290.
- 11) Lubricate a new o-ring (34) with general purpose grease and place over pilot on base (1).
- 12) To assemble secondary carrier: Install planet gears (8) into carrier (2) with a planet washer (13) on both sides of the planet gear and with bearings (21) installed, slide gear into carrier. Insert planet shaft (6) through carrier, planet gear, and washers. Planet shafts (6) should be installed with chamfered end of 1/8 inch hole toward outside diameter of carrier (2). This will aid in alignment of holes while inserting roll pins (27).

CAUTION: Hold ring gear by outside diameter to avoid injuring fingers.



- 13) Place ring gear (5) over secondary carrier assembly. Rotate until bolt holes line up with holes in base and one of the two drain holes in ring gear as near as possible to grease fitting (33) in base, or to customer specifications.
- 14) Install the 16 flange screws (26) and washers (30) and torque to 90 ft-lbs.
- 15) Put pipe sealant on magnetic pipe plugs (31) and install into drain holes on ring gear (5).
- 16) Place thrust washer (14) onto center of secondary planet carrier assembly.
- *17) Install sun gear (10) into center of secondary planet carrier.
- *18) Install primary planet carrier assembly by rotating it until planet gears line up with ring gear teeth and sun gear spline. Assembly should drop into place.

NOTE: This model does not require a gear timing procedure.

- 19) Install input gear (11).
- 20) Single planetary models only: Place thrust washer (38) over input gear and install retaining ring (37) onto input gear.
- 21) Place input thrust washer (24) over input gear.
- 22) Add gear oil as specified on page 2. Correct oil level will measure to middle of primary planet gears with unit in verical shaft position.
- 23) Install new o-ring (34) over pilot of cover (4).
- 24) Place cover (4) on top of unit and refer to scribed line for proper orientation. Install and torque eight capscrews (25) with lockwashers (29) to 32 ft-lbs.
- 25) Put pipe sealant on magnetic plug (32) and install into oil fill hole in cover.
- 26) Insert a shaft into input gear (11) and rotate by hand to be sure unit runs smoothly and easily.

THE GEARBOX IS NOW READY TO USE.



ESURIDGE

EFFECTIVE FROM: S/N 17802 DATE 02/15/94

MODEL 120 SINGLE PLANETARY

ITEM	DESCRIPTION	OTY	RATIO 4.42: 1	RATIO 6.00: 1
1	BASE	1	-A-	-A-
2	CARRIER (SEC)	1	81-004-1823	81-004-1833
4	COVER	1	-D-	-D-
5	RING GEAR	1	81-004-2362 -	
6	PLANET SHAFT (SEC)	3	81-004-0061~	
8	PLANET GEAR (SEC)	3_	81-004-0722	81-004-0082
11	INPUT GEAR	1_	-H-	-H-
12	OUTPUT SHAFT	1	-1-	-1-
13	THRUST WASHER- PLANET	6	81-004-1561-	
14	THRUST WASHER- SEC	. 1	81-004-2711-	
15	BEARING CONE	1	01-102-0030	
16	BEARING CONE	1	01-102-0020-	
17	BEARING CUP	1	01-103-0030~	
18	BEARING CUP	1	01-103-0020 -	
19	LOCKNUT	1	01-104-0040 -	-
20	LOCKWASHER	1	01-104-0030 -	
21	BEARING- SEC. PLANET	6	01-105-0420-	
24	INPUT THRUST WASHER	1	81-004-2701-	
25	HEX HD CAPSCREW	8	01-150-1020-	
26	FLANGE 12-PT SCREW	16	01-150-1460-	-
27	ROLL PIN- SEC. PLANET	3	01-153-0020	
29	LOCKWASHER	8	01-166-0010-	
30	FLAT WASHER-HARDENED	16	01-166-0120-	
31	MAGNETIC PIPE PLUG	2	01-207-0041-	-
32	MAGNETIC PIPE PLUG	1	01-207-0070-	-
33	GREASE FITTING	1	01-215-0040	-
34	O-RING	2	01-402-0420-	-
35	SHAFT SEAL - OUTER	1	01-405-0270 -	-
36	SHAFT SEAL - INNER		01-405-0280 -	
37	RETAINING RING	1	01-160-0350 -	
38	THRUST WASHER SGL PL	1	81-004-2883-	

NOTE	CODE	BASE	PART NUMBER
	A120	ROUND FLANGE	81-004-0342
-A-	B120	SOUARE FLANGE	81-004-0592
1	F 120	FLANGELESS	81-004-1142
	C120	CUSTOM	

NOTE	CODE	COVER	EXCEPT WITH WITH CODE 4 CODE 4 INPUT INPUT ONLY
	Α	SAE A' MOD. 4 BOLT	81-004-2803 81-004-2813
-0-	В	SAE 'B' 2 BOLT	81-004-2723 81-004-2823
	С	SAE 'C' 2 BOLT AND 4 BOLT	81-004-2833 81-004-2833

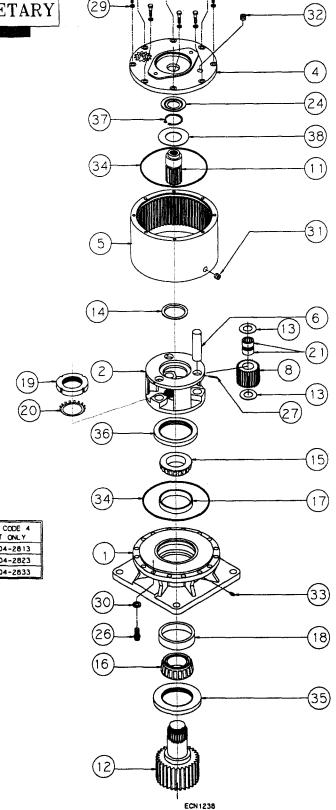
			PART N	UMBER
NOTE	CODE	INPUT GEAR DESCRIPTION	4.42:1 RATIO	6.00: 1 RATIO
	1	21 T 20/40 DP	N/A	81-004-2242
	_ 2	13 T 16/32 DP	N/A	N/A
-H-	3	SAE 1"-68	81-004-1592	81-004-1572
	4	14T 12/24 DP	81-004-1582	81-004-1902
	5	15 T 16/32 DP	N/A	N/A

NOTE	CODE	OUTPUT SHAFT	PART NUMBER
	DI	23 T 8/16 DP SPL 2.25" LG	81-004-1392
	D2	3.000" DIA. 5/8" SO KEY	81-004-0992
-1-	D3	23 T 8/16 DP SPL 1.22" LG	81-004-1412
	D4	23 T 8/16 DP SPL 2.72" LG	81-004-0942
	05	3.500° DIA. 7/8° SO KEY	81-004-1152
	C1	CUSTOM	

OPTIONS:

SEAL KIT P/N 81-016-0311 (INCLUDES 2 OF ITEM 34 AND

1 EACH OF 1 TEMS 35 AND 36)



120/ISO/X 120SGL

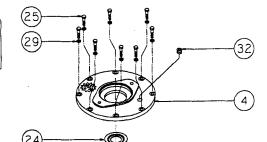
DATE 04/21/95





EFFECTIVE FROM: S/N 17802 DATE 2/15/94

MODEL 120 DOUBLE PLANETARY



TEM	DESCRIPTION	OTY	RATIO 19:51:1	RATIO 26.52: 1	RATIO 36.00: 1
1	BASE	1	-A-	-A-	-A~
2	CARRIER (SEC)	1	81-004-2863	81-004-2863	81-004-2873
3	CARRIER (PRI)	1	81-004-2732	81-004-2742	81-004-2742
4	COVER	1	-D-	-0	-0-
5	RING GEAR	1	81-004-2362 -		
6	PLANET SHAFT (SEC)	3	81-004-0061 -		
7	PLANET SHAFT (PRI)	3	81-004-0071 -		
8	PLANET GEAR (SEC)	3	81-004-0722	81-004-0722	81-004-0082
9	PLANET GEAR (PRI)	3	B1-004-0642	81-004-0532	81-004-0532
10	SUN GEAR	1	81-004-0712	81-004-0712	81-004-0122
11	INPUT GEAR	1	-H-	-H-	-н-
12	OUTPUT SHAFT	. 1	-1-	-1-	-1-
13	THRUST WASHER- PLANET	12	81-004-1561 -		
14	THRUST WASHER - SEC.	1	81-004-2711-		-
15	BEARING CONE	1	01-102-0030 -		
16	BEARING CONE	1	01-102-0020 -		
17	BEARING CUP	1	01-103-0030 -		
18	BEARING CUP	1	01-103-0020 -		
19	LOCKNUT	1	01-104-0040 -		
20	LOCKWASHER	1	01-104-0030 -		
21	BEARING- SEC. PLANET	6	01-105-0420 -		
22	BEARING- PRI PLANET	3	01-105-0410-		
23	-	-			
24	INPUT THRUST WASHER	1	81-004-2701 -		
25	HEX HD CAPSCREW	8	01-150-1020 -		
26	FLANGE 12-PT SCREW	16	01-150-1460		
27	ROLL PIN- SEC. PLANET	3	01-153-0020 -		
28	ROLL PIN- PRI. PLANET	3	01-153-0180 -		
29	LOCKWASHER	8	01-166-0010 -		<u> </u>
30	FLAT WASHER-HARDENED	16	01-166-0120-		<u> </u>
31	MAGNETIC PIPE PLUG	2	01-207-0041-	-	
32	MAGNETIC PIPE PLUG	1	01-207-0070 -	-	
33	GREASE FITTING	11	01-215-0040 -	<u> </u>	
34	O-RING	Z	01-402-0420 -		<u> </u>
35	SHAFT SEAL - OUTER	1	01-405-0270 -	<u> </u>	-
36	SHAFT SEAL - INNER	1	01-405-0280 -		<u> </u>
NOT	E CODE BASE		PART NUMBE		

			(13)	
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,	10		<u></u>	
	2		8 21	
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20	36			
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NOTE	CODE	BASE	PART NUMBER
	A120	ROUND FLANGE	81-004-0342
-A-	B 120	SQUARE FLANGE	81-004-0592
	F 120	FLANGELESS	81-004-1142
	C130	CHETOM	

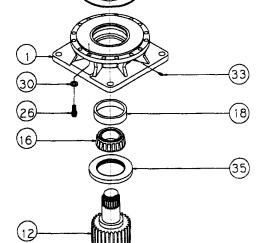
C1 CUSTOM

36: 1 UNITS WITH CODE 4 INPUT ONLY:
REPLACE ITEM 24 (81-004-2701)
WITH: 1 EACH OF 01-112-0220
E ACH OF 01-112-0230
ADD 1 OF ITEM 14 (81-004-2711)

NOTE	CODE	COVER	CODE_4 INPUT	ALL EXCEPT 36: 1	36: I ONLY
	A	SAE 'A' 2 AND MOD. 4 BOLT	81-004-2803	81-004-2813	81-004-2923
-0-	В	SAE B 2 BOLT	81-004-2723	81-004-2823	81-004-2913
	С	SAE C 2 BOLT AND 4 BOLT	81-004-2833	81-004-2833	81-004-2893
			PART NUMBER		
NOTE	CODE	INPUT GEAR DESCRIPTION	19.54:1 RATIO	26.52: 1 RATIO	36.00:1 RATIO
	1	Z1 T 20/40 DP	81-004-2342	81-004-2342	N/A
	2	13 T 16/32 DP	81-004-0652	81-004-0482	81-004-0482
-H-	3	SAE 1"-68	83-004-1112	83-004-1082	83-004-1082
	4	14 T 12/24 DP	81-004-1342	SPECIAL	81-004-2792

	1	Z1 T 20/40 DP	81-004-2342	81-004-2342	N/A
	2	13 T 16/32 DP	81-004-0652	81-004-0482	81-004-0482
-H-	3	SAE 1"-68	83-004-1112	83-004-1082	83-004-1082
	4	14 T 12/24 DP	81-004-1342	SPECIAL	81-004-2792
	5	15 T 16/32 DP	81-004-1892	81-004-2552	81-004-2552
NOTE	CODE	OUTPUT SHAFT	PART NUMBER	OPTIONS:	
	D١	23 T 8/16 DP SPL 2.25" LG	81-004-1392	SEAL KI	T P/N 81-016
	D2	3.000" DIA, 5/8" SO KEY	81-004-0992	(INCLU	DES 2 OF ITEM 34
-1-	03	23 T 8/16 DP SPL 1.22" LG	81-004-1412	1 EACH	OF ITEMS 35 AND
	D4	23 T 8/16 DP SPL 2.72" LG	81-004-0942		
	D5	3.500" DIA, 7/8" SO KEY	81-004-1152		
	1 .			1	

IT P/N 81-016-0311 LUDES 2 OF ITEM 34 AND 1 EACH OF (TEMS 35 AND 36)



ECN 1238 120/150/X1200BL

08/09/95

PRODUCT WARRANTY

ESKRIDGE, INC. ("Eskridge") warrants to its original purchaser ("Customer") that new component parts ("Parts") sold by Eskridge to the Customer will be free of defects in material and workmanship and will conform to standard specifications set forth in current Eskridge sales literature or to any custom specifications of the Customer acknowledged in writing by Eskridge, SUBJECT TO THE FOLLOWING QUALIFICATIONS AND LIMITATIONS:

- 1) Prior to placing warranted Parts in service, the Customer shall provide proper storage such that foreign objects (e.g., rain or debris) cannot enter any Parts via entry ports which are normally closed during operation.
- If Parts requiring motorized power for operation are received from Eskridge without a motor, documentation must be available indicating proper lubrication upon placement of the Parts in service.
- The Customer must notify Eskridge in writing of any claim for breach of this warranty promptly after discovery of a defect and in any event prior to the termination of the warranty period, which shall commence when a unit is placed in service and shall expire upon the earlier of (i) the expiration of twelve (12) months from the date of Commencement of Service (as defined in Paragraph 4) (ii) the completion of one thousand (1,000) hours of service of the Parts (iii) the expiration of six (6) months after the expiration of any express warranty relating to the first item of machinery or equipment in which the Parts are installed or on which it is mounted, or (iv) the installation or mounting of the Parts in or on an item of machinery or equipment other than the first such item in which the Parts are installed or on which the Parts are mounted.
- 4) Parts shall be deemed to have been place in service (the "Commencement of Service") at the time the machinery or equipment manufactured or assembled by the Customer and in which the Parts are installed or on which the Parts are mounted is delivered to the Customer's dealer or the original end-user, which ever receives such machinery or equipment first
- 5) This warranty shall not apply with respect to Parts which, upon inspection by Eskridge, show signs of disassembly, rework, modifications or improper installation, mounting, use or maintenance.
- 6) Eskridge makes no warranty in respect to hydraulic motors mounted on any Parts. Failure of any such motor will be referred to the motor manufacturer.
- 7) Claims under this warranty will be satisfied only by repair of any defect(s) or, if repair is determined by Eskridge in its sole, absolute and uncontrolled discretion to be impossible or impractical, by replacement of the Parts or any defective component thereof. No cash payment or credit will be made for defective materials or workmanship. IN NO EVENT SHALL ESKRIDGE BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE, WHICH DAMAGES ARE HEREBY EXPRESSLY DISCLAIMED.
- 8) From time to time, Eskridge may make design changes in the component parts manufactured by it without incorporating such changes in the component parts previously shipped. Such design changes shall not constitute an admission by Eskridge of any defects or problems in the design of previously manufactured component parts.
- 9) All freight charges on Parts returned for warranty service are the responsibility of the Customer.

THE FOREGOING WARRANTY IS THE SOLE WARRANTY MADE BY ESKRIDGE WITH RESPECT TO ANY PARTS, AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, ESKRIDGE EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, REGARDLESS OF ANY KNOWLEDGE ESKRIDGE MAY HAVE OF ANY PARTICULAR USE OR APPLICATION INTENDED BY THE PURCHASER. THE SUITABILITY OR FITNESS OF THE PARTS FOR THE CUSTOMER'S INTENDED USE, APPLICATION OR PURPOSE AND THE PROPER METHOD OF INSTALLATION OR MOUNTING MUST BE DETERMINED BY THE CUSTOMER.

WARRANTY RETURN POLICY

- 1) All Parts shall be returned freight prepaid.
- Any Parts qualifying for warranty will be repaired with new Parts free of charge (except for freight charges as provided above).
- 3) If parts are found to be operable, you have two options:
 - The Parts can be returned to you with a service charge for inspection, cleaning, and routine replacement of all rubber components and any other parts that show wear; or
 - b. We can dispose of the Parts at the factory if you do not wish it to be returned.

NOTE: Any order of Parts by customer shall only be accepted by Eskridge subject to the terms stated herein. Any purchase order forms used by Customer (to accept this offer to sell) which contain terms contrary to, different from, or in addition to the terms herein shall be without effect, and such terms shall constitute material alteration of the offer contained herein under K.S.A 84-2-207 (2)(b), and shall not become part of the contract regarding the sale of the Parts.

1900 Kansas City Road
Olathe, Kansas 66061
phone (913) 782-1238
fax (913) 782-4206

Your nearest Eskridge Distributor is:	