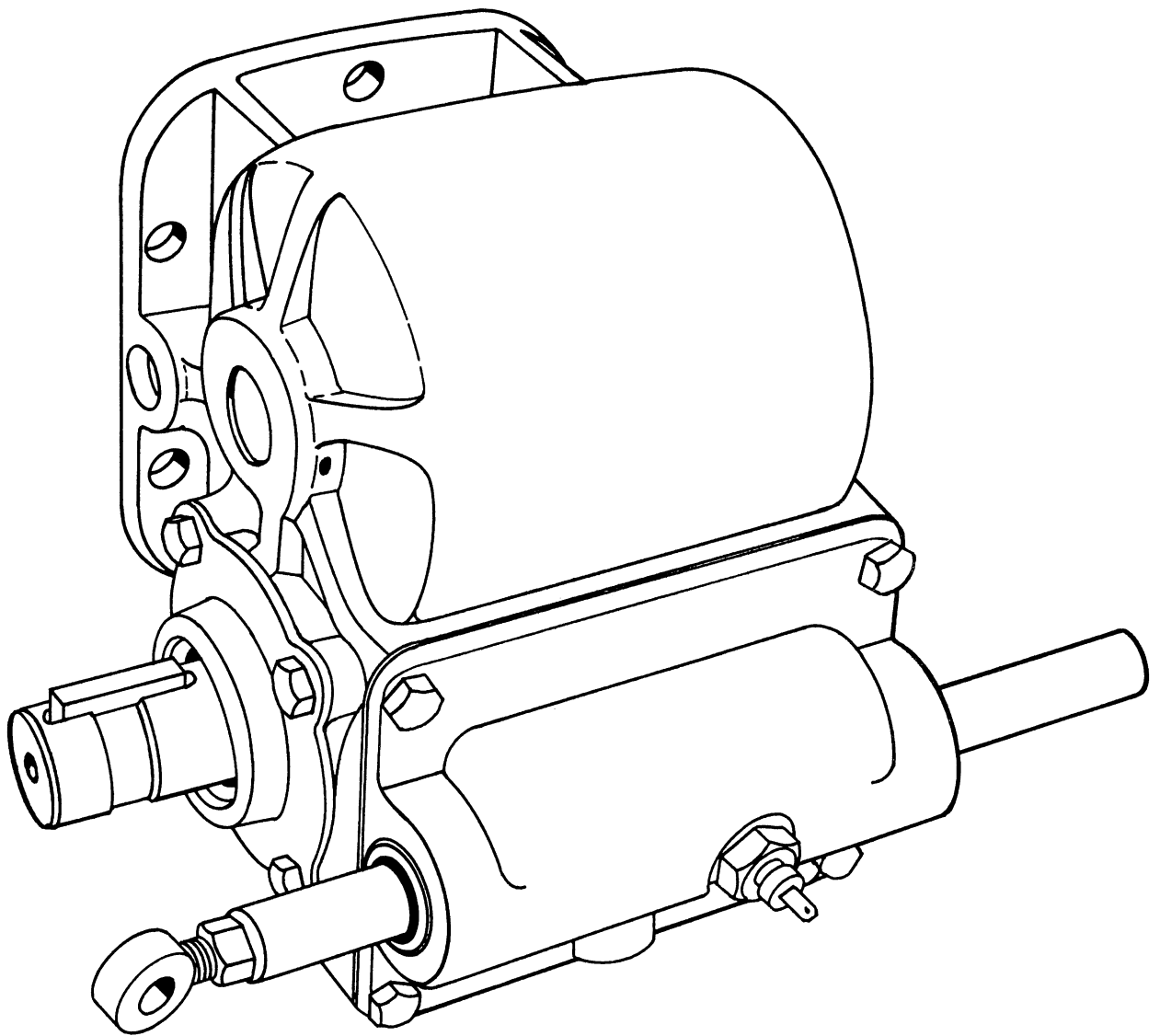
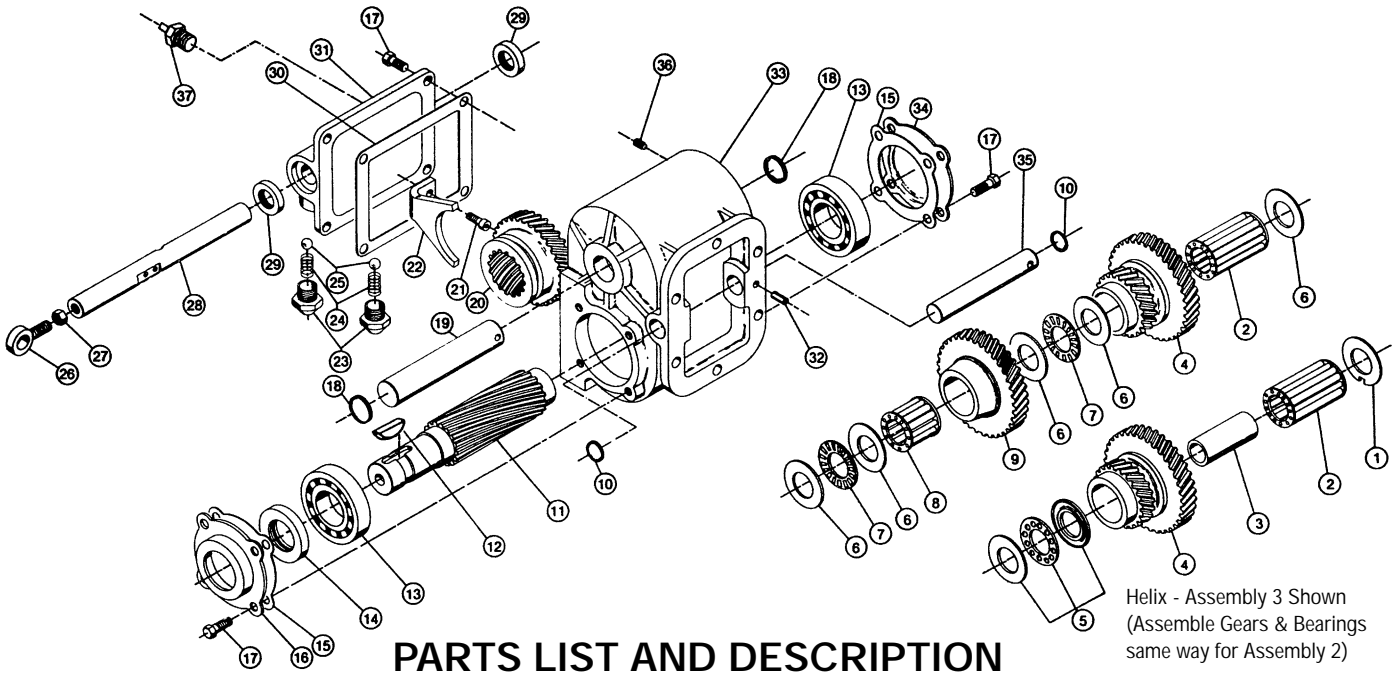




RX SERIES PTO

PARTS LIST AND SERVICE MANUAL





PARTS LIST AND DESCRIPTION

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	21T21760	Washer
2	2	10T21677	Bearing (All Spur Gear)
	2	10T20494	Bearing (All Helical Gear)
		Length 2-7/16"	
		Length 1-15/16"	
3	1	18T21675	Sleeve
4	2	See Gear Listing	
5	1	10T23679	Bearing
6	5	21T21667	Washer
7	2	10T27216	Bearing
8	1	10T21676	Bearing (All Spur Gears & W80)
	1	10T20479	Bearing (All Helical Gears Except W80)
		Length 1-7/16"	
		Length 1-9/16"	
9	1	See Gear Listing	
*10	2	12T36899	O-Ring
11	1	See Shaft Listing	
12	1	26T01627	Woodruff Key
	1	26T20105	Square Key (Old Style)
13	2	10T21017	Bearing
*14	1	11T37002	Seal
*15	2	13T21670	Gasket
16	1	15T34763	Cap
17	12	19T33233	Cap Screw

ITEM	QTY	PART NUMBER	DESCRIPTION
*18	2	12T36900	O-Ring
19	1	08T36896	Shaft
20	1	See Gear Listing	
21	2	19T31664	Cap Screw
22	1	28T24419	Yoke
23	2	28T22019	Poppet Retainer
24	2	27T22021	Spring
25	2	28T20486	Ball
26	1	28T34746	Eye Bolt
27	1	22T21723	Nut
28	1	17T34786	Shift Rod
*29	2	11T36365	Seal
*30	1	13T21610	Gasket
31	1	16T34788	Shift Cover
*32	1	26T24874	Roll Pin
33	1	01T34757	Housing (Assembly 1 or 4)
		01T34758	Housing (Assembly 2 or 3)
34	1	15T34323	Cap
35	1	07T36895	Input Idler Shaft
36	1	19T34789	Set Screw
37	1	30T38111	Indicator Switch (White) (Incl. 12T36526 O-Ring)
N.S.	1	20MK6601	Mounting Kit
N.S.	1	RX-GSK	Gasket & Seal Kit* (Incl. 10, 14, 15, 18, 29, 30, 32, 25T34623)

GEAR & SHAFT PART NUMBERS

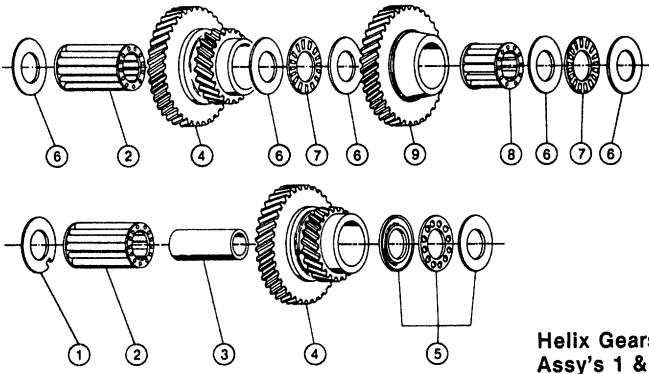
PTO MODEL	ITEM 20 OUTPUT GEAR (Teeth)	ITEM 4 (2 REQ.) INPUT GEAR (Teeth)	ITEM 9 REV. IDLER GEAR (Teeth)	ITEM 11 OUTPUT SHAFT
F6114	02T35174 (18)	03T35177 (18/13)	04T35178 (18)	06T35175 06T35179 (Extra Long Shaft)
G7319	02T35592 (22)	03T39286 (25/15)	04T30013 (25)	06T35591
H6519	02T27325 (12)	03T27323 (22/14)	04T27316 (22)	06T35591
N6018	02T25547 (19)	03T25545 (21/13)	04T25546 (21)	06T25548
N8117	02T32748 (22)	03T28017 (25/15)	04T28018 (25)	06T24549
U5716	02T21591 (17)	03T21665 (18/12)	04T21596 (18)	06T21672
U6717	02T24280 (20)	03T24283 (22/14)	04T24284 (22)	06T21672
U6817	02T21590 (20)	03T21664 (22/14)	04T39284 (22)	06T21672
W8018	02T24083 (23)	03T24077 (26/16)	04T24084 (26)	06T24085 06T32631 (Extra Long Shaft)

GEAR & BEARING ARRANGEMENTS

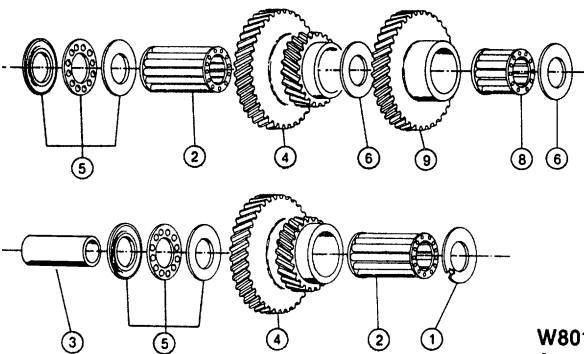
The arrangement of thrust bearings in relation to the gears is crucial in the RX Series.

Shown here are the five arrangements to be used in addition to the assembly shown on the opposite page.

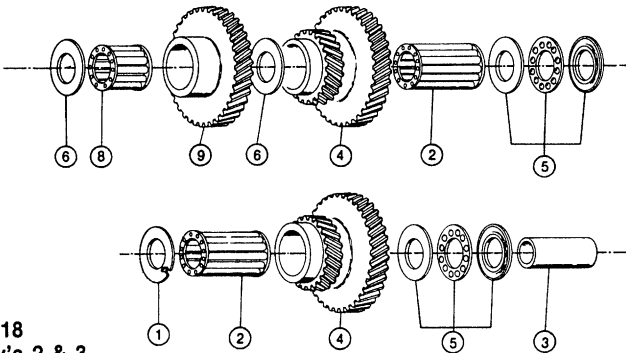
Be sure all bearings are positioned as shown when rebuilding your unit.



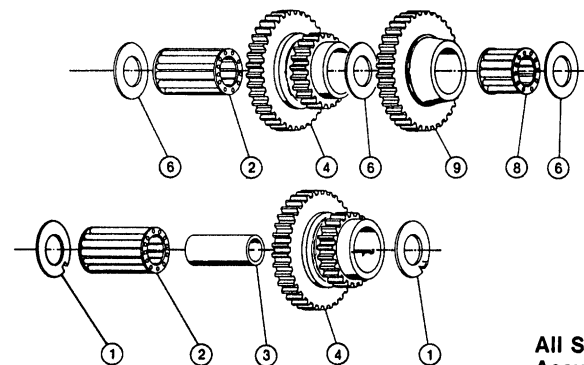
**Helix Gears
Assy's 1 & 4**



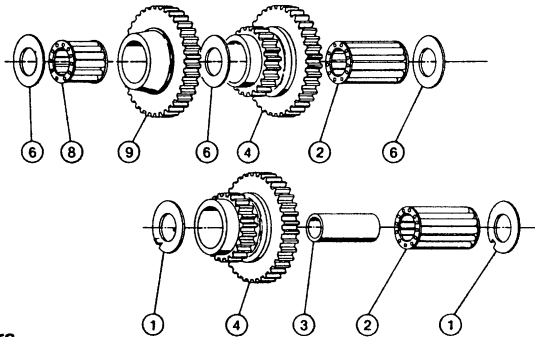
**W8018
Assy's 1 & 4**



**W8018
Assy's 2 & 3**



**All Spur Gears
Assy's 1 & 4**



**All Spur Gears
Assy's 2 & 3**

MODEL NUMBER CONSTRUCTION

RX 6D — U6817 — L 1 B X

PTO Type

Reversible X Series — RX

Mounting

S.A.E. 6 Bolt Non-Std. Mtg. — 6D

Trans.

Fuller
G.M.C.
I.H.C.
New Process
New Process

RX Gear Data

6.1P 20.5° PA 29° LH
7.3449P 20° 24° LH
6.540P 18° 27' 54" 20° 26' 48" LH
6P 20° 17' 40' 41" LH
8.1160P 20° 33' 30" LH
5 or 5/7P 20° Spur
6P 17.5° Spur
6 or 6/8P 20° Spur
8.0829P 20° 30° LH

Speed Ratio

1.38:1 -F6114
1.89:1 -G7319
1.89:1 -H6519
1.78:1 -N6018
1.74:1 -N8117
1.59:1 -U5716
1.73:1 -U6717
1.73:1 -U6817
1.84:1 -W8018

Special Feature

X — None
L — Extra Long Shaft
(W8018, F6114 Only)

Output Type

B — 1-1/4 RD Std.

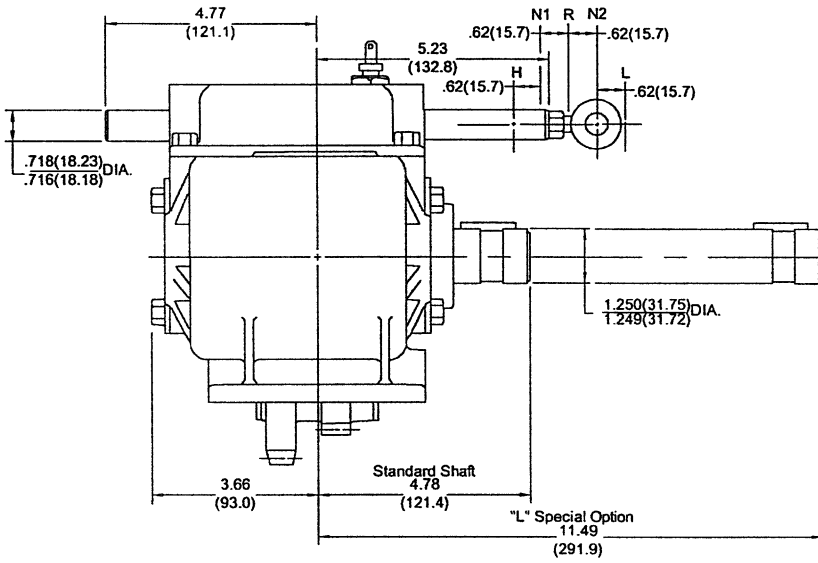
Assy. Arrangement

1
2
3
4

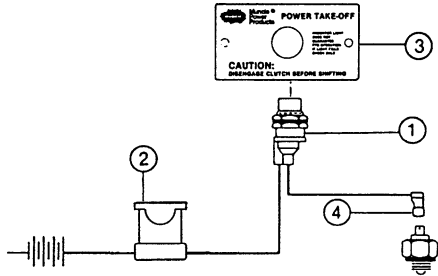
Shifter Type

L — Lever

MOUNTING DIMENSIONS

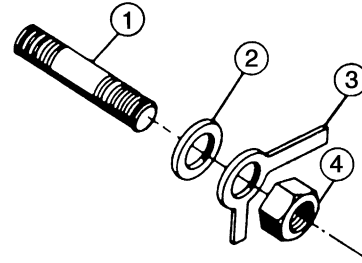


NOTE: Indicator light is Off in N1 only.



DASH LIGHT KIT 36MK1210-A

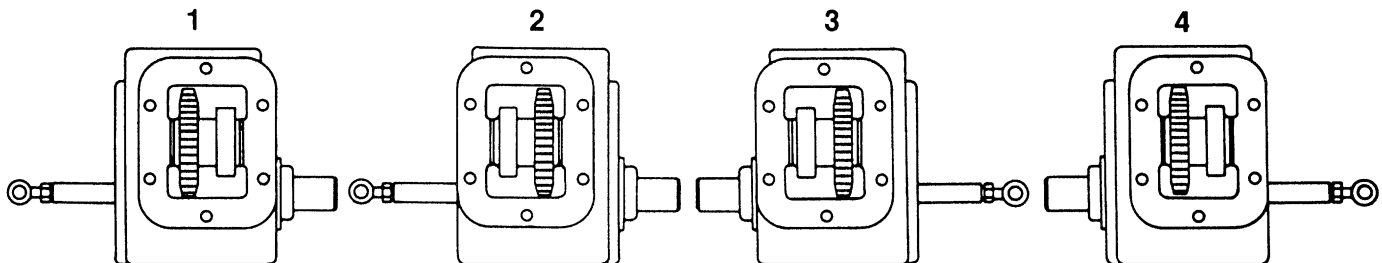
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	32M12001	Indicator Light
2	1	33T36299	Fuse Assembly
3	1	36M16818	Dash Face Plate
4	1	34T38163	Booted Terminal



MOUNTING KIT 20MK6601

ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	20M38150	Stud
2	6	13M18018	Copper Washer
3	6	21MX3802	Lock Tab
4	6	22MX3824	Nut

ASSEMBLY ARRANGEMENTS



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