



34	CHUCK GRIP
33*	CLAMP
32	INTERNAL GEAR
31	PINION
30	GEAR/PINION SET
29	BEARING INNER RING
28	OUTER RING & ROLLER ASSY.
27	BALL BEARING
26	O-RING
25	OIL SEAL
24	OIL SEAL
23	RETAINING RING, INTERNAL
22	RETAINING RING, INTERNAL
21	SNAP RING
20	WASHER
18	CHUCK WASHER
17	CLAMP PAD
17*	WEDGE TOP
16*	WEDGE BOTTOM
15*	CUP WASHER
14*	RETAINING RING
12*	PLAIN WASHER
11	LIMIT PIN
10	GRIP SPRING LOCKNUT
8	CHUCK SCREW
6*	WEDGE SCREW
5*	CLAMP SCREW
4	PINION CAP SCREW
3	HEX HEAD CAP SCREW
3*	KING BOLT
2	HEX HEAD CAP SCREW
1	HEX HEAD CAP SCREW

\* PARTS FURNISHED PRIOR TO OCTOBER, 2002

126	RETAINING WASHER
125	PLAIN WASHER
121	PLAIN WASHER
119	RETAINING RING
118	TRAVELER PLATE
116	CLAMP SCREW
115	CLAMP
114	HEX NUT
71	SLINGER
70	OIL SEAL
69	HEX NUT (XJ30 - 117 ONLY)
68	LOCKWASHER
67	HEX HEAD CAP SCREW
53	CUP PLATE
48	LOCKWASHER
47	WASHER
46	MOTOR SHAFT KEY
45	SET SCREW
44	IMPELLER
43*	HEX KEY WRENCH
42	MIXER SHAFT
41	MOTOR
40	VIBRATION PAD
39	GRIP SPRING SET
38	DRIVE SHAFT
37	GRIP SPRING SPACER
36	HOUSING

NOTES:

- ① SOLD IN SETS ONLY.
- ② MODELS XJ 30 THRU 117 NOT FURNISHED WITH CAST MOTOR END BELL. TWO ITEM (2) HEX HEAD CAP SCREWS AND BRASS WASHERS (20) ARE LOCATED ON UNDERSIDE OF HOUSING.

WHEN ORDERING PARTS, SPECIFY MACHINE SERIAL NO., ITEM NO. & DRAWING NO.

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**LIGHTNIN**®  
MIXERS AND AERATORS

ASSEMBLY DRAWING

**MODEL XJ SERIES  
GEAR DRIVE  
OPEN TANK MIXER**



CERTIFIED

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