



Item No.	Part No.	Description (* see Service changes on the bottom)	Qty	Unit
3	165074-9	CHIP ROD	1	PC.
4	233087-9	COMPRESSION SPRING 13 (TYPE1)	1	PC.
	233444-1	COMPRESSION SPRING 13 (TYPE2)	1	PC.
5	233086-1	COMPRESSION SPRING 25 (TYPE1)	1	PC.
	234143-8	COMPRESSION SPRING 25 (TYPE2)	1	PC.
6	257940-5	* SPIRO LOCK WASHER 70	1	PC.
7	325688-8	* OUTER SUPPORT	1	PC.
8	153872-3	* INNER SUPPORT COMPLETE	1	PC.
9	211611-8	* BALL BEARING 6810	1	PC.
10	310147-5	* CARRIER	1	PC.
11	212954-1	* NEEDLE CAGE 810	4	PC.
12	212954-1	* NEEDLE CAGE 810	4	PC.
13	227117-6	* SPUR GEAR 20	4	PC.
14	216207-0	WASHER 2542	1	PC.
15	256228-0	* PIN 8	4	PC.
16	266022-2	- SET SCREW(DOG POINT) M8X8	2	PC.
17	226269-0	SPUR GEAR 25	4	PC.
18	211044-7	BALL BEARING 694	4	PC.
19	226270-5	SPUR GEAR 25	4	PC.
20	212954-1	NEEDLE CAGE 810 (OLD# 212027-0 - N/L/A)	4	PC.
21	226275-5	SPUR GEAR 11	1	PC.
22	256227-2	PIN 8	4	PC.
23	216207-0	WASHER 2542	1	PC.
24	226273-9	SPUR GEAR 14	1	PC.
25	256226-4	PIN 4	4	PC.
26	216403-0	THRUST NEEDLE GAUGE 1528	1	PC.
27	227118-4	* INTERNAL GEAR 53-66	1	PC.
28	233098-4	COMPRESSION SPRING 4	1	PC.
29	323855-9	BRACKET	1	PC.
30	257929-3	SPIRO LOCK WASHER 52	1	PC.
31	257186-3	RING 44	1	PC.
32	211221-1	BALL BEARING 6902	1	PC.
33	911118-1	PAN HEAD SCREW M4X12	2	PC.
34	922123-3	HEX. SOCKET HEAD BOLT M4X14	4	PC.
35	415353-8	REAR COVER	1	PC.
36	344062-1	STOPPER PLATE	1	PC.
37	311930-3	ROD SUPPORTER	1	PC.
38	211082-9	BALL BEARING 699	1	PC.
39	226812-5	GEAR 14-41	1	PC.
40	922123-3	HEX. SOCKET HEAD BOLT M4X14	4	PC.
41	159930-3	GEAR CASE COMPLETE	1	PC.
	INC.	Item No. 42, 66		
42	263002-9	RUBBER PIN 4	1	PC.
43	210013-5	BALL BEARING 698VV	1	PC.
44	226475-7	HELICAL GEAR 30	1	PC.
45	212048-2	THRUST NEEDLE BEARING 617	1	PC.
47	211097-6	BALL BEARING 6000LLB	1	PC.
48	241873-4	FAN 55	1	PC.
49	517191-5	ARMATURE ASS'Y 115V	1	PC.
	INC.	Item No. 48, 50, 52		
50	681614-0	INSULATION WASHER	1	PC.
51	263014-2	RUBBER PIN 4	1	PC.

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52	211028-5	BALL BEARING 627LB	1	PC.
53	421485-1	PROTECTOR	1	PC.
54	643550-8	BRUSH HOLDER CAP 5-8	2	PC.
55	191938-1	CARBON BRUSH CB-408 2PC/SET (W/O ORIGIN)	1	SET
	195008-8	CARBON BRUSH CB-408 2PC/SET (W/ ORIGIN)	1	SET
56	159675-3	MOTOR HOUSING COMPLETE	1	PC.
	INC. 643932-4	BRUSH HOLDER 6X9	2	PC.
	INC.	Item No. 51		
57	922909-5	HEX. SOCKET HEAD BOLT M4X35	4	PC.
58	922148-7	HEX. SOCKET HEAD BOLT M4X25	4	PC.
59	134788-1	GEAR HOUSING ASS'Y	1	PC.
	INC. 344470-6	BEARING RETAINER	1	PC.
	INC. 911111-5	PAN HEAD SCREW M4X10	3	PC.
	INC.	Item No. 47		
60	593266-4	FIELD ASS'Y 115V	1	PC.
	INC. 654100-4	RING TERMINAL	2	PC.
	INC. 654501-6	CONNECTOR P-1.25	2	PC.
61	415350-4	BAFFLE PLATE	1	PC.
63	211033-2	BALL BEARING 608LB (TYPE1)	1	PC.
	211031-6	BALL BEARING 608LLB (TYPE2)	1	PC.
64	226476-5	HELICAL GEAR 18	1	PC.
65	211097-6	BALL BEARING 6000LLB	1	PC.
66	263002-9	RUBBER PIN 4	1	PC.
67	134790-4	GEAR ASS'Y	1	PC.
	INC. 226711-1	SPIRAL BEVEL GEAR 12	1	PC.
	INC.	Item No. 63, 64, 65		
68	256225-6	PIN 4	1	PC.
69	911596-5	PAN HEAD SCREW M4X70	2	PC.
71	922148-7	HEX. SOCKET HEAD BOLT M4X25	2	PC.
72	265925-7	TAPPING SCREW BT4X20	2	PC.
73	922148-7	HEX. SOCKET HEAD BOLT M4X25	2	PC.
74	182634-2	HANDLE SET	1	SET
76	265995-6	TAPPING SCREW 4X18	2	PC.
77	687052-4	STRAIN RELIEF	1	PC.
78	651835-8	SWITCH SP215C	1	PC.
79	414436-1	SWITCH LEVER	1	PC.
80	311928-0	CHIP LEVER	1	PC.
82	682505-8	CORD GUARD 10-90	1	PC.
83	664265-4	CORD w/plug 2P-16-2.5M, SJ	1	PC.
86	232146-6	* LEAF SPRING (TYPE1 ONLY)	1	PC.
87	324447-7	* SPACER	1	PC.
88	421497-4	* RUBBER RING (TYPE1 ONLY)	1	PC.
89	257941-3	* SPIRO LOCK WASHER 62 (Added)	1	PC.
90	267282-9	* FLAT WASHER 60 (Added)	1	PC.

ACCESSORIES

A01	764360-1	OUTER SLEEVE M22-39 (TYPE1)	1	PC.
	153909-6	OUTER SLEEVE M22-39 COM (TYPE2)	1	PC.
	764361-9	OUTER SLEEVE M20, 3/4"-37	1	PC.
	764362-7	OUTER SLEEVE M16, 5/8"-35	1	PC.
	764364-3	OUTER SLEEVE M22, 7/8"-85	1	PC.

Item No.	Part No.	Description (* see Service changes on the bottom)	Qty	Unit
A02	764348-1	INNER SLEEVE M22-39 COM (TYPE1)	1	PC.
	764418-6	INNER SLEEVE M22-39 COM (TYPE2)	1	PC.
	764351-2	INNER SLEEVE 3/4"-38 COM (TYPE1)	1	PC.
	764419-4	INNER SLEEVE 3/4"-38 COM (TYPE2)	1	PC.
	764349-9	INNER SLEEVE M20-38 COM (TYPE1)	1	PC.
	764417-8	INNER SLEEVE M20-38 COM (TYPE2)	1	PC.
	764358-8	INNER SLEEVE 5/8"-36 COM (TYPE1)	1	PC.
	764420-9	INNER SLEEVE 5/8"-36 COM (TYPE2)	1	PC.
	764352-0	INNER SLEEVE M22, 7/8"-85		
A03	783001-0	(-) SCREWDRIVER 6	1	PC.
A04	823276-0	STEEL CARRYING CASE	1	PC.

SERVICE CHANGES

1. Changes on Outer Support, Internal Gear, etc.

Item No.	Description	Type 1	Type 2
6	SPIRO LOCK WASHER	257919-6 (72)	257940-5 (70)
7	OUTER SUPPORT	322671-6	325688-8 (324448-5)
8	INNER SUPPORT COM.	152447-5 (N/L/A)	153872-3
9	BALL BEARING	211653-2 (6811)	211611-8 (6810)
10	CARRIER	311943-4 (N/L/A)	310147-5
11,12	NEEDLE CAGE	212072-5 (1010 - N/L/A)	212954-1 (810)
13	SPUR GEAR 20	226272-1	227117-6
15	PIN	256229-8 (10 - N/L/A)	256228-0 (8)
27	INTERNAL GEAR 53-66	226277-1 (N/L/A)	227118-4
86	LEAF SPRING	232146-6	-----
87	SPACER	322788-5	324447-7
88	RUBBER RING (TYPE1 ONLY)	421497-4	-----
89	SPIRO LOCK WASHER 62	-----	257941-3
90	FLAT WASHER 60	-----	267282-9

Above parts are completely interchangeable as a set.

Type2 change has been implemented from 2004 production.