



SERVICE PARTS LIST

BULLETIN NO.
54-40-6513

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN 54-40-6512	DATE Feb. 2014
M12™ Hackzall®			
CATALOG NO.	2420-20	STARTING SERIAL NO.	B56D
		WIRING INSTRUCTION SEE REVERSE SIDE	

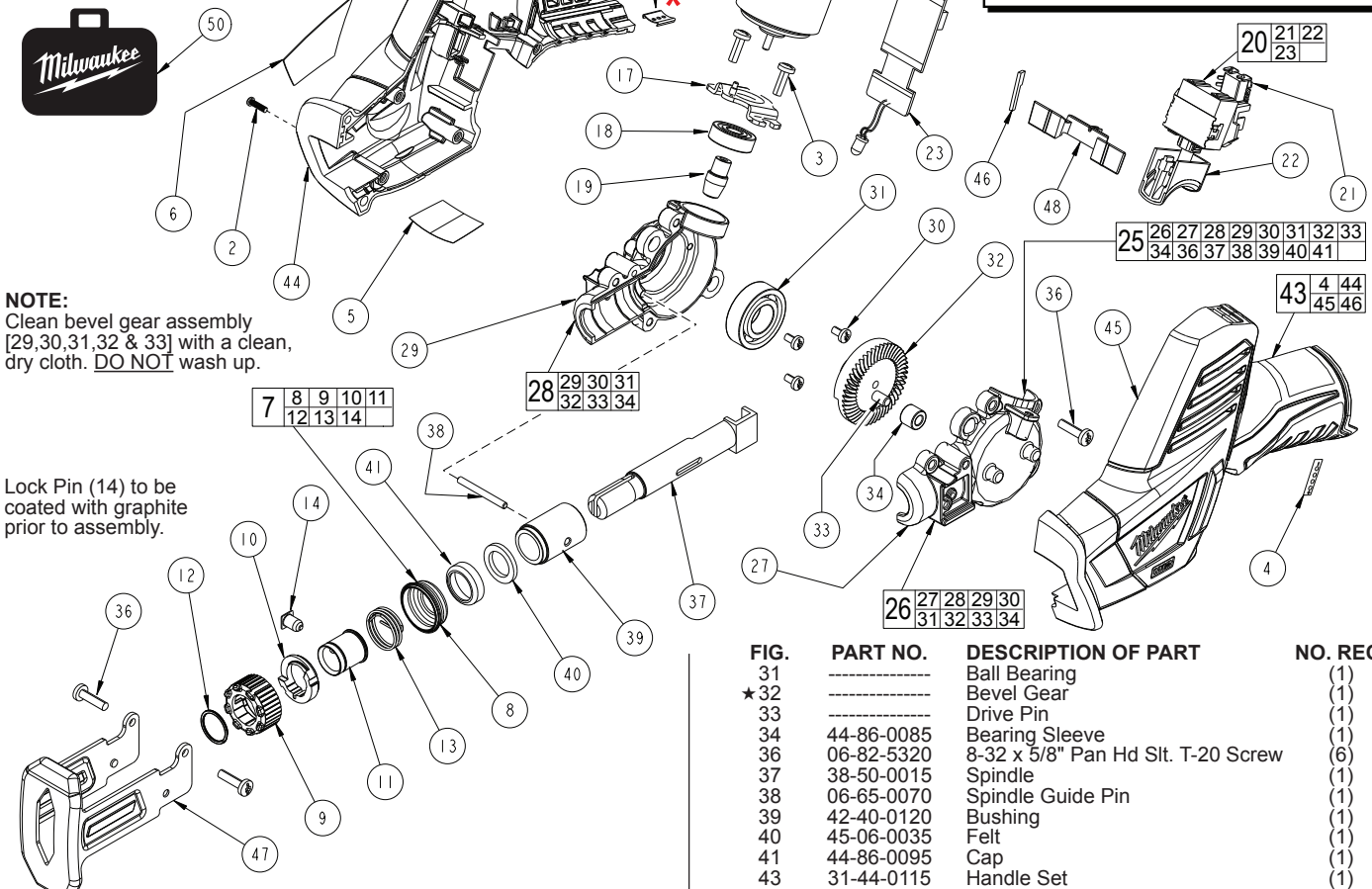
EXAMPLE:
Component Parts (Small #)
Are Included When Ordering
The Assembly (Large #).

★ = Part number change from
previous service parts list.

Original Design
42-70-0055

Improved Design
42-70-0058

M12™ tools utilize two different Housing Connection Clip designs depending on the Handle Set. See page two for details.



NOTE:
Clean bevel gear assembly
[29,30,31,32 & 33] with a clean,
dry cloth. **DO NOT** wash up.

Lock Pin (14) to be
coated with graphite
prior to assembly.

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-82-2395	M2.6 x 10 Pan Hd. T-9 Screw	(3)
2	06-82-2385	M2.6 x 14 Pan Hd. T-9 Screw	(5)
3	06-82-2380	8-32 x 1/2" Pan Hd. Tapt. T-20 Screw	(2)
4	10-20-0304	Fuel Gauge Label	(1)
5	10-15-0955	Warning Label	(1)
6	12-20-2421	Service Nameplate Kit	(1)
7	14-46-1011	Steel Quik-Lok Blade Clamp	(1)
8	31-15-0511	Spring Cover	(1)
9	42-50-0076	Front Cam	(1)
10	42-50-0077	Rear Cam	(1)
11	45-22-0081	Sleeve	(1)
12	34-60-3680	Retaining Ring	(1)
13	40-50-0161	Torsion Spring	(1)
14	44-60-0626	Lock Pin	(1)
★ 15	23-30-0380	Motor Assembly	(1)
16	-----	Motor	(1)
17	-----	Motor Mounting Plate	(1)
18	-----	Ball Bearing	(1)
★ 19	-----	Pinion	(1)
20	23-66-0318	Switch & PCB Assembly	(1)
21	-----	Terminal Block	(1)
22	-----	Switch	(1)
23	-----	PCB Assembly	(1)
★ 25	28-14-2095	Gearcase Assembly	(1)
★ 26	14-30-1150	Gearcase Set	(1)
27	-----	Left Gearcase	(1)
★ 28	14-30-0830	Right Gearcase Kit	(1)
29	-----	Right Gearcase	(1)
30	-----	6-32 x 1/4" Pan Hd. Slit. T-15 Screw	(3)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
31	-----	Ball Bearing	(1)
★ 32	-----	Bevel Gear	(1)
33	-----	Drive Pin	(1)
34	44-86-0085	Bearing Sleeve	(1)
36	06-82-5320	8-32 x 5/8" Pan Hd Slit. T-20 Screw	(6)
37	38-50-0015	Spindle	(1)
38	06-65-0070	Spindle Guide Pin	(1)
39	42-40-0120	Bushing	(1)
40	45-06-0035	Felt	(1)
41	44-86-0095	Cap	(1)
43	31-44-0115	Handle Set	(1)
44	-----	Right Handle Halve	(1)
45	-----	Left Handle Halve	(1)
46	-----	Fuel Gauge LED	(1)
47	45-16-0040	Shoe	(1)
48	45-24-0150	Shuttle	(1)
49	42-70-0055	Housing Connection Clip	(1)
50	42-55-2420	Carrying Case, Optional	(1)

*** LUBRICATION NOTE:** When servicing the Gears (19 & 32) or the Gearcase Assembly (25), 90-95% of the old grease must be removed prior to new 'J' grease being added.

FIG. LUBRICATION (*See lubrication note above)
(Type 'J' Grease, No. 49-08-4220):
19,32 Completely coat all of the teeth of the Pinion (19) and Bevel Gear (32) with grease.
27,29 Place a small amount of grease in Gearcase cavities.
33,34 Lightly coat the Drive Pin (33) and I.D. and O.D. of Bearing Sleeve (34) with grease.
37 Place a dab of grease in the side slot and the rear pocket of Spindle (37).
37,39 Lightly coat the O.D. of Spindle (37) and I.D. of Bushing (39) with grease.
40,41 Saturate Felt (40) with lightweight oil prior to assembly with Cap (41) onto Bushing (39) and Spindle (37).