IMPORTANT NOTE: Gearcase end cap #25 is LEFT HAND THREAD!

As an aid to assembly, carefully lower the complete front end of tool (gearcase / impacting system) onto the gearcase end cap. Gently hand tighten front end assembly onto gearcase end cap. Be careful not to cross-thread! Once installed by hand, seat gearcase end cap with a good adjustable wrench using light pressure. Do not over tighten!

NOTE: Components of the impacting assembly (61) can drop out of the gearcase (57). Care must be taken to hold those elements in place when assembling onto the gearcase end cap (25).

FIG. | PART NO. | DESCRIPTION OF PART | NO. REQ.
--- | -------- | -------------------- | ---
1   | 31-12-2653 | Rubber Cap | (1)
2   | 45-22-0012 | Sleeve | (1)
3   | 34-60-0005 | Retaining Ring | (1)
4   | 45-88-0022 | Washer | (1)
5   | 40-50-0056 | Spring | (1)
9   | 45-88-2653 | Plastic Washer | (1)
10  | 02-02-1100 | 4.0mm Steel Ball | (1)
11a | 1/4” Hex Anvil | (1)
12  | 02-02-1300 | 5mm Steel Ball | (1)
19  | 02-02-0180 | 4.7mm Steel Ball | (1)
24  | | Ring Gear | (1)
25  | 44-66-2653 | Gearcase End Cap with Ball Bearing | (1)
27  | | Stator Assembly | (1)
28  | 45-30-2653 | Rubber Slug | (1)
34  | | PCBA | (1)
35  | 23-66-2653 | On-Off Switch | (1)
36  | | Terminal Block Assembly | (1)
37  | 45-24-2653 | Fwd/Rev Shuttle | (1)
38  | 40-50-1135 | Spring | (1)
40  | | 5-10mm Spring | (1)
42  | 40-50-1090 | Right Handle Halve | (1)
43  | | Left Handle Halve | (1)
44  | | Belt Hook | (1)
45  | 06-82-0130 | 6-32 x 5/16” Pan Hd. T-15 Machine Scr | (1)
46  | 06-82-2653 | M3.5 x 8mm Pan Hd. Plasticite Screw | (2)
47  | | Right Handle Halve | (1)
48  | 12-20-2653 | Service Nameplate (Not Shown) | (1)
49  | 42-55-2653 | Carrying Case | (1)

FIG. | PART NO. | DESCRIPTION OF PART | NO. REQ.
--- | -------- | -------------------- | ---
50  | 06-82-7236 | 4-20 x 5/8” Pan Hd. Plastite T-10 Scr | (9)
51  | 40-50-0018 | Anvil Spring | (1)
56  | 14-30-2653 | Gearcase Assembly | (1)
57  | 28-50-2653 | Front Gearcase | (1)
58  | 42-70-2653 | Belt Clip Assembly | (1)
59  | | Rotor Assembly | (1)
60  | | Handle Assembly | (1)
61  | 14-30-2655 | Impacting Assembly | (1)
62  | 14-20-2653 | Electronics Assembly | (1)
63  | 45-24-2655 | Speed Selector | (1)
64  | 42-06-0020 | 1/4” Hex Anvil Assembly | (1)
65  | 14-46-2653 | Rotor/Handle Kit | (1)

FIG. | PART NO. | DESCRIPTION OF PART | NO. REQ.
--- | -------- | -------------------- | ---
10,11a | | Lightly coat front washer surface of anvil (11a) with grease, place a dab in the ball slot of anvil and in needle bearing inside the anvil. | |
24,61 | | Lightly coat the I.D. of the ring gear (24) and the center of the planet gears of impacting assembly with grease. | |
57 | | Coat inside of bushing inside front gearcase with grease. | |
59 | | Coat pinion of rotor assembly (59) with grease. | |

IMPORTANT NOTICE!
The original design for the Anvil Assembly (and corresponding components) are no longer available. Tools manufactured prior to the serial number E42AD124901722 cannot order individual parts (2, 3, 4, 5, 10, 11a or 51). Hex Anvil Assembly 42-06-0020 must be ordered. For proper servicing in the future, it is recommended that the nameplate be marked with a ‘*’ at the end of the serial number, using an indelible marker to document this upgrade*. Tools manufactured after serial number E42AD124901722 can order all individual anvil parts listed.

It is recommended to order service nameplate 12-20-2653 to record the new serial number E42AD124901722.

*Assembly going obsolete. Replaced by: 14-20-2654 Electronics Assy.
THIS SLEEVE IS ROUTED OVER THE RIGHT SIDE OF SWITCH AS SHOWN. THIS SLEEVE AND WIRES ARE ROUTED UNDER THE LEFT SIDE OF SWITCH AS SHOWN.

AS AN AID TO REASSEMBLY, TAKE NOTICE OF WIRE ROUTING AND POSITION IN WIRE GUIDES AND TRAPS WHILE DISMANTLING TOOL.

BE CAREFUL AND AVOID PINCHING WIRES BETWEEN HANDLE HALVES WHEN ASSEMBLING.