SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

M12 BRUSHLESS COMPACT 2 SPEED SCREWDRIVER

REVISED BULLETIN	DATE
54-42-3300	Feb. 2014

WIRING INSTRUCTION

CATALOG NO.	2402-20	STARTING SERIAL NO.	E26B

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

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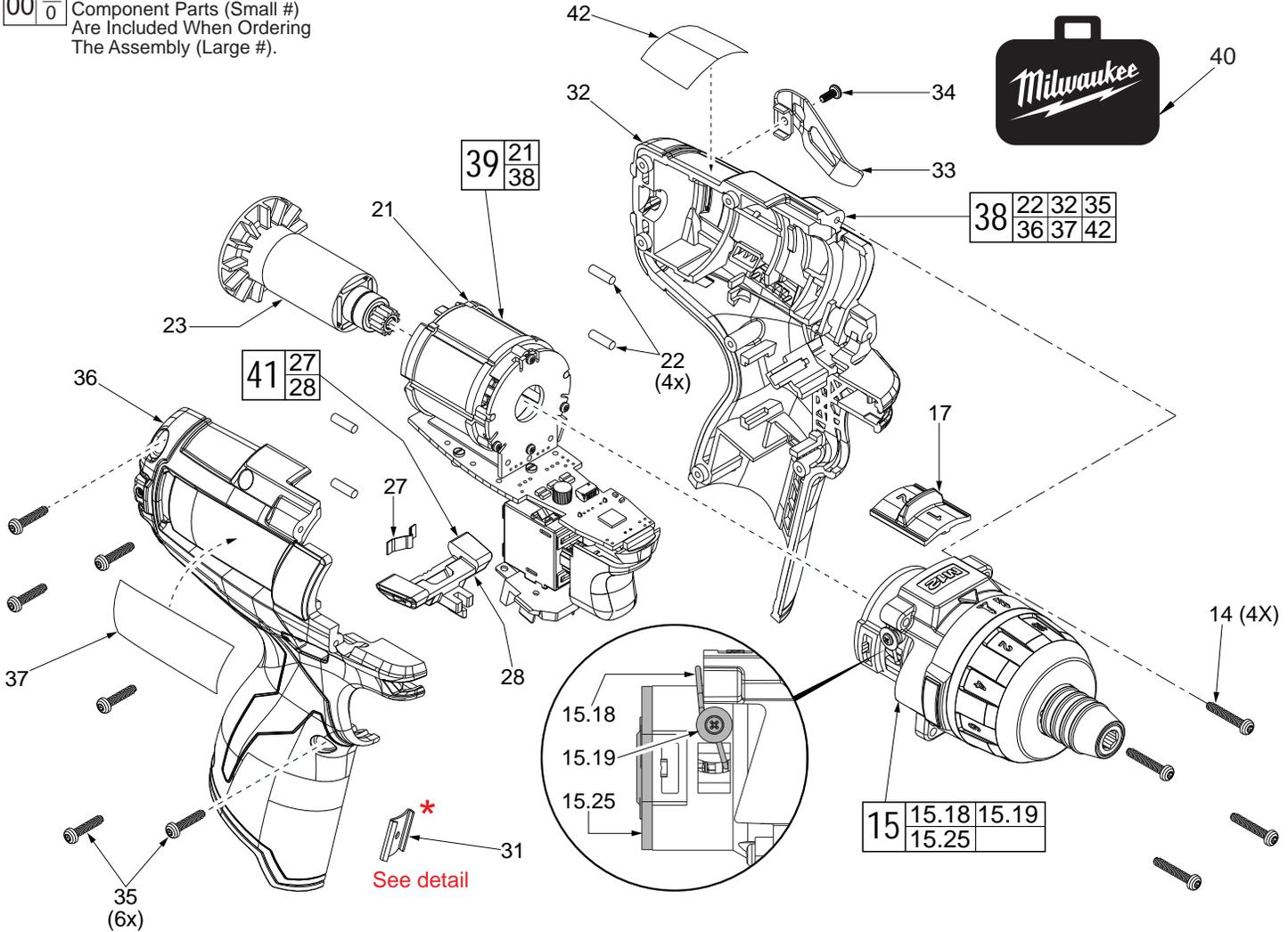
| FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
14	05-88-0780	M3 x 18mm T-10 ST Screw (Gearcase)	(4)
15	14-29-0570	Gearcase Assembly	(1)
15.18	44-10-0710	Speed Selector Lever	(1)
15.19	05-81-0542	M2.3 x 4.5mm ST Screw	(2)
15.25	---------------	Motor Mounting Plate	(1)
17	45-24-0325	Speed Selector Button	(1)
★ 21	---------------	Motor / Switch / PCBA Assembly	(1)
22	45-30-0270	Rubber Pin	(4)
23	16-07-0400	Service Rotor	(1)
27	40-50-1135	Shuttle Spring	(1)
28	42-42-0610	Forward / Reverse Shuttle	(1)
31	42-70-1150	Housing Connection Clip	(1)
32	---------------	Left Housing Halve	(1)
33	42-70-0580	Belt Clip	(1)
34	05-88-1010	M2.5 x 6mm Screw	(1)
35	06-82-1080	M3 x 14mm T-10 ST Scr (Handle Halves)	(6)
36	---------------	Right Housing Halve	(1)
37	12-20-2402	Service Nameplate	(1)
38	31-44-2025	Housing Kit	(1)
39	14-20-1130	Housing / Electronics Kit	(1)
40	42-55-2100	Blow Molded Carrying Case	(1)
41	42-42-1120	Forward / Reverse Shuttle Kit	(1)
42	10-20-2399	Warning Label (French & Spanish)	(1)

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Original Design
42-70-0055

42-70-0058
Improved Design

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

SCREW TORQUE SPECIFICATION CHART			
FIG.	PART NO.	DESCRIPTION	SEATING TORQUE (IN-LBS)
15.19	05-81-0542	Speed Selector Lever Screw	3.5±1
14	05-88-0780	Gearcase Assembly Screw	7.0±2.5
35	06-82-1080	Right Housing Halve Screw	7.0±2.5
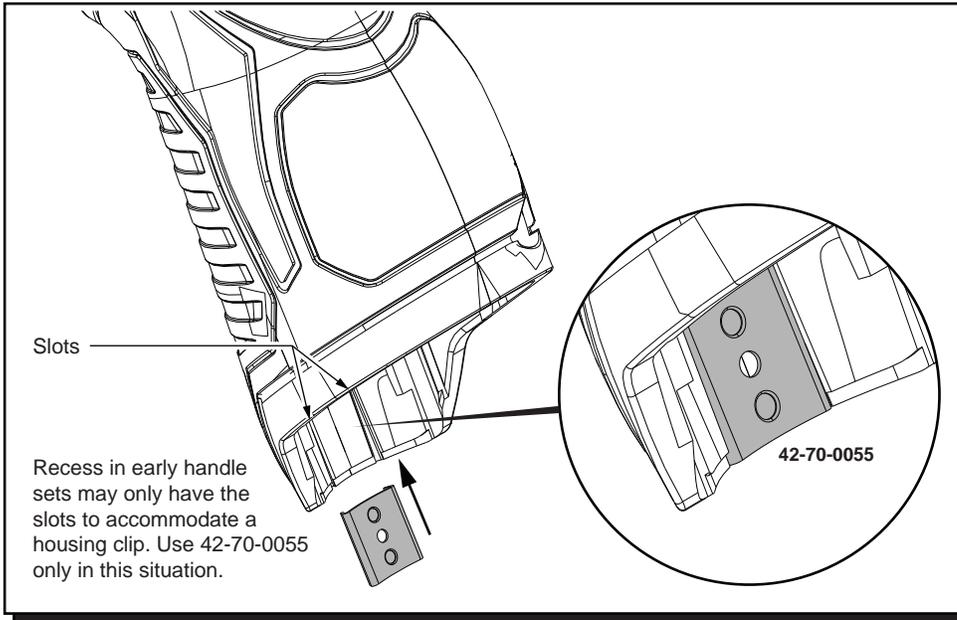
Early M12™ Handle Sets utilize **Housing Connection Clip No. 42-70-0055.** Install this clip design by aligning the side rails of the clip with the two slots in the handle set. Gently push into place with the aid of a small flat blade screwdriver or a similar instrument. Be sure that the clip is properly seated in both slots and that the clip is flush to sub-flush to the end of the handle set. To remove the clip, use the same small flat blade screwdriver or a similar instrument and push the clip out of the handle set. If the clip is loose or will not stay in place, a needle nose pliers can be used to gently bend/pinch the side rails of the clip. If the clip is damaged do not use, replace with a new 42-70-0055 housing clip.

Slots

Recess in early handle sets may only have the slots to accommodate a housing clip. Use 42-70-0055 only in this situation.
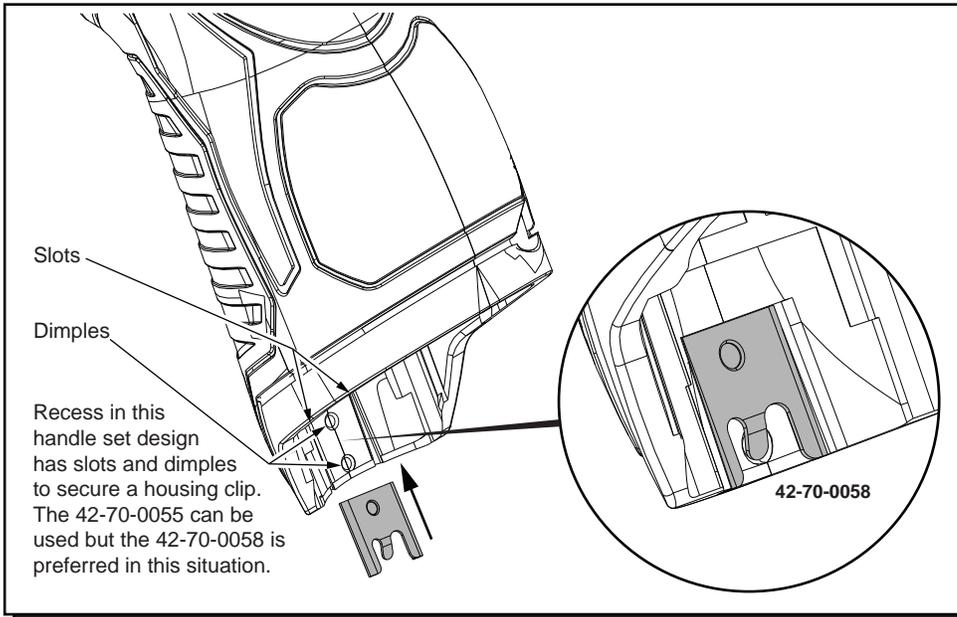
42-70-0055

Updated M12™ Handle Sets utilize **Housing Connection Clips No. 42-70-0055 and 42-70-0058. (The 42-70-0058 is a preferred upgrade).** Install this clip design by aligning the side rails of the clip with the two slots in the handle set. Gently push into place with the aid of a small flat blade screwdriver or a similar instrument. Be sure that the clip is properly seated in both slots and that the tab of the clip snaps down in the round dimpled cavity of the handle set. Be sure that the clip is flush to sub-flush to the end of the handle set. To remove the clip, use the same small flat blade screwdriver or a similar instrument and lift up on the clip tab while pushing the clip out of the handle set. Use a needle nose pliers to gently rebend the clip tab if necessary. If the tab on the clip is damaged during this process and is loose or will not stay in place, replace with a new 42-70-0058 clip.

Slots

Dimples

Recess in this handle set design has slots and dimples to secure a housing clip. The 42-70-0055 can be used but the 42-70-0058 is preferred in this situation.
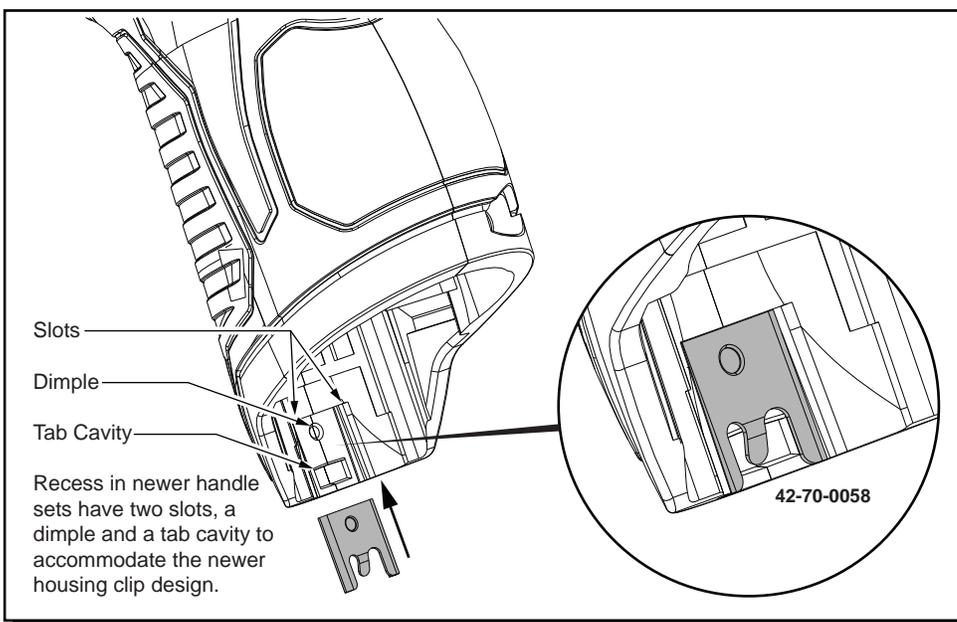
42-70-0058

Newer M12™ Handle Sets utilize **Housing Connection Clip No. 42-70-0058.** Install this clip design by aligning the side rails of the clip with the two slots in the handle set. Gently push into place with the aid of a small flat blade screwdriver or a similar instrument. Be sure that the clip is properly seated in both slots and that the tab of the clip snaps down in the rectangular cavity of the handle set. Be sure that the clip is flush to sub-flush to the end of the handle set. To remove the clip, use the same small flat blade screwdriver or a similar instrument and lift the clip tab out of the cavity while pushing the clip out of the handle set. Use a needle nose pliers to gently rebend the clip tab if necessary. If the tab on the clip is damaged during this process and is loose or will not stay in place, replace with a new 42-70-0058 clip.

Slots

Dimple

Tab Cavity

Recess in newer handle sets have two slots, a dimple and a tab cavity to accommodate the newer housing clip design.

42-70-0058