



M12 BD

SERVICE PARTS DIAGRAM

TTI Model Number: 018 071 017, 022

M12™ SUB COMPACT DRIVER

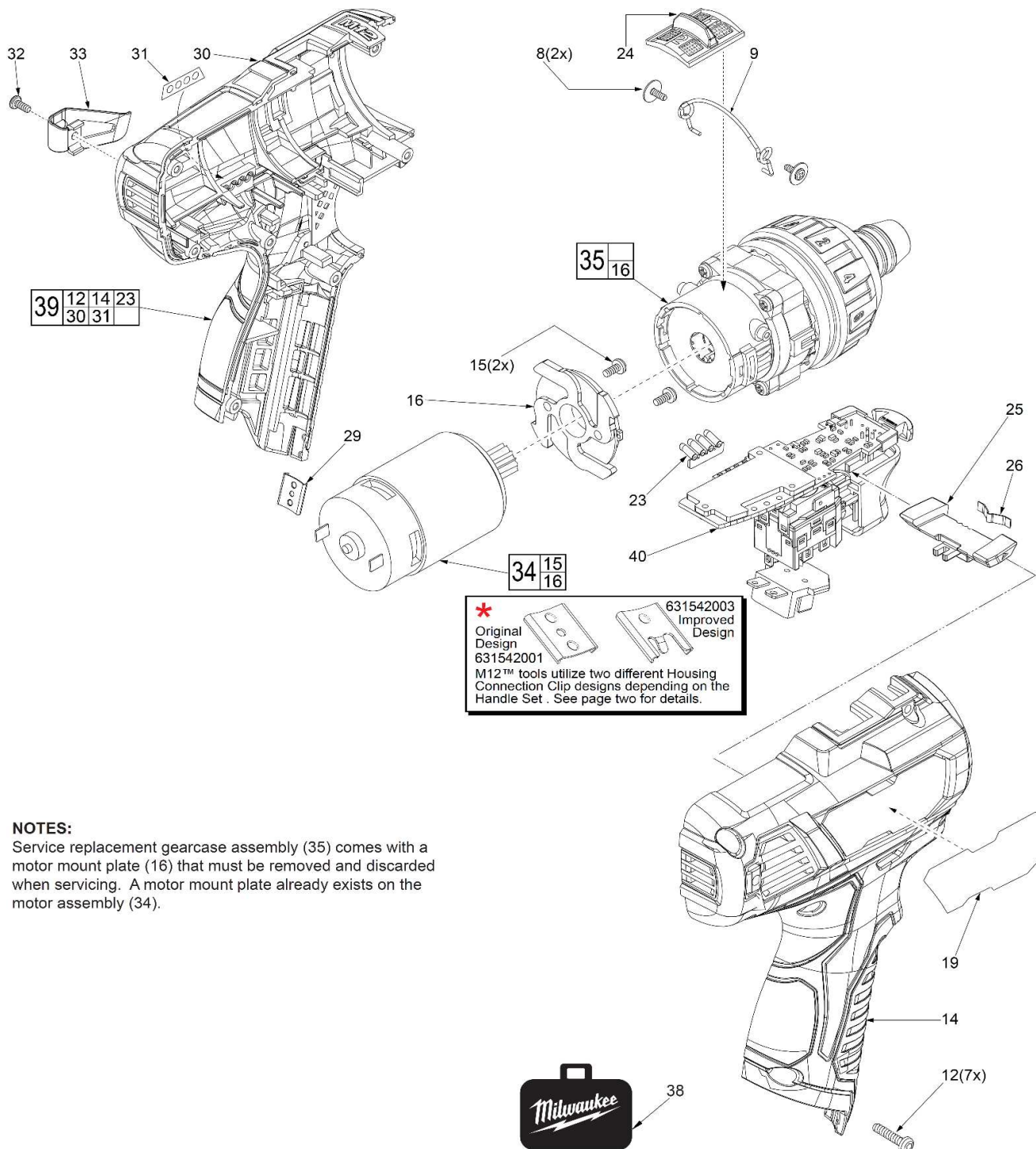
Bulletin Date:

Apr-20

Starting Serial Number:

VERSION A - C2014

EXAMPLE:
00 0 Component Parts (Small #)
Are Included When Ordering
The Assembly (Large #).



NOTES:

Service replacement gearcase assembly (35) comes with a motor mount plate (16) that must be removed and discarded when servicing. A motor mount plate already exists on the motor assembly (34).

	M12 BD SERVICE PARTS LIST	Bulletin Date: Apr-20
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ITEM	PART NUMBER	PART DESCRIPTION	QTY (PCS)
8	661262001	M2.3 X 4.5MM SCREW	2
9	693098001	SPEED SELECTOR LEVER	1
12	660570005	M3.0 X 14MM SCREW	7
14	-	HOUSING COVER (RIGHT HANDLE HALVE)	1
15	-	M3 X 6MM SCREW	2
16	519336003	MOTOR MOUNT PLATE	1
19	941048033	SERVICE NAMEPLATE 018071017 VERSION	1
19	941048126	SERVICE NAMEPLATE 018071022 VERSION	1
20	940221344	WARNING LABEL (NOT SHOWN)	1
23	591339001	LIGHT PIPE	1
24	351179001	SPEED SELECTOR SLIDE BUTTON	1
25	591444001	FORWARD/REVERSE SHUTTLE	1
26	633852003	SHUTTLE SPRING PLATE	1
29	631542003	HOUSING CONNECTION CLIP	1
30	-	HOUSING SUPPORT (LEFT HANDLE HALVE)	1
31	-	FUEL GAUGE LABEL	1
32	661703001	M2.5 X 6MM SCREW	1
33	634097001	BELT CLIP	1
34	201085002	MOTOR ASSEMBLY WITH PINION	1
35	201071003	GEARCASE ASSEMBLY	1
38	204866012	CARRYING CASE	1
39	201086007	HOUSING SET	1
40	201086008	SWITCH/ELECTRONICS ASSEMBLY	1



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SERVICE INSTRUCTION

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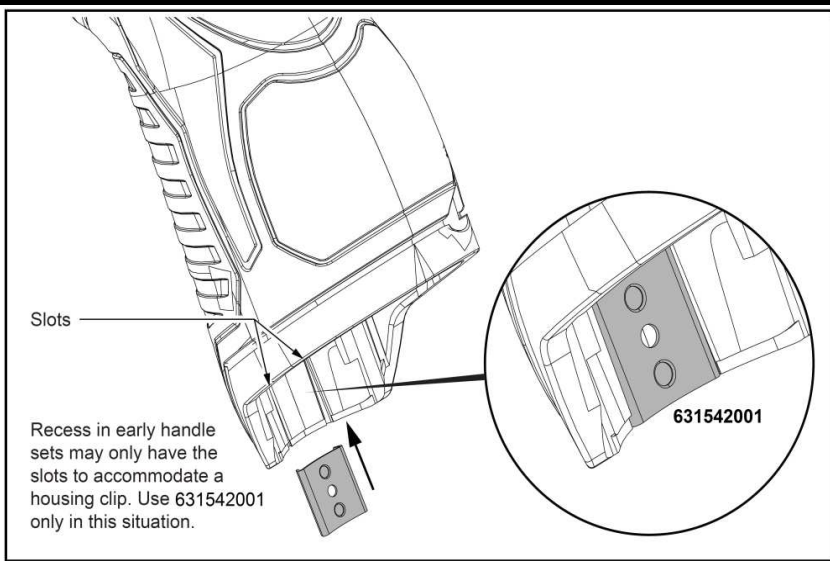
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Bulletin Date:

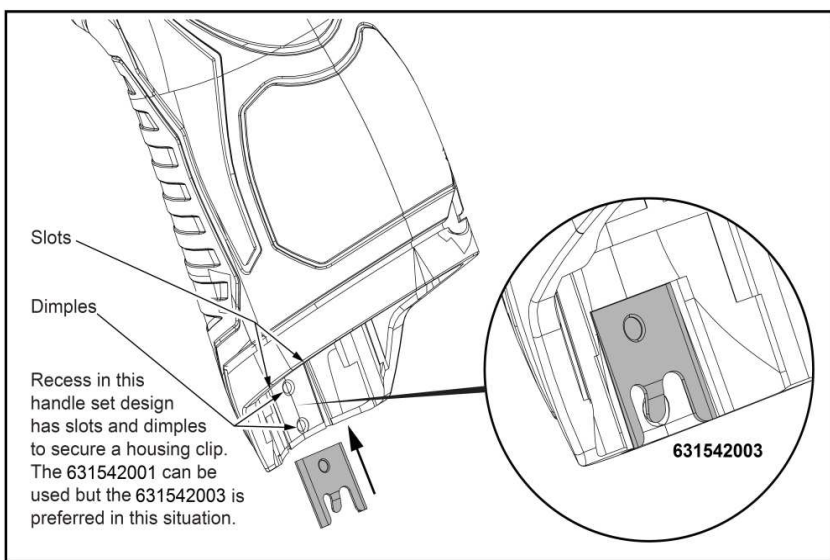
Apr-20

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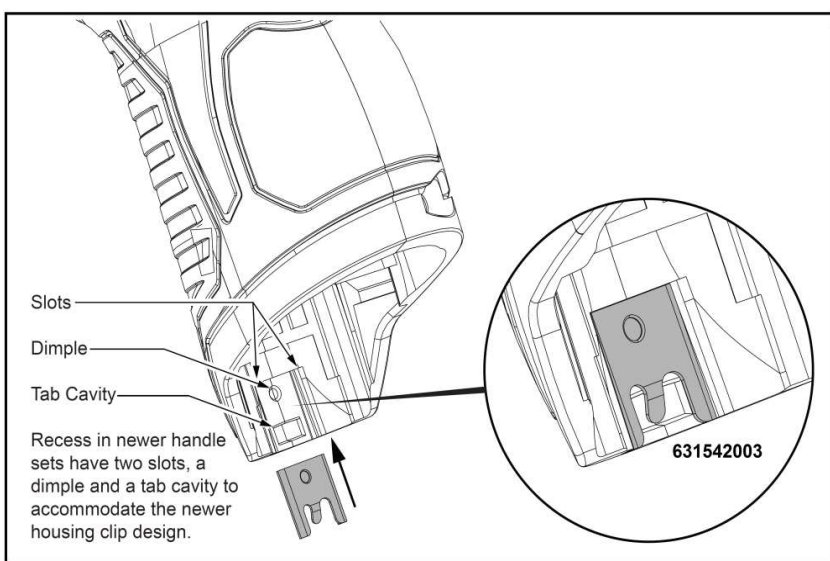
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Early M12™ Handle Sets utilize **Housing Connection Clip No. 631542001**. Install this clip design by aligning the side rails of the clip with the two slots in the handle set. Gently push into place with the aid of a small flat blade screwdriver or 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 631542001 housing clip.



Updated M12™ Handle Sets utilize **Housing Connection Clips No. 631542001 and 631542003. (The 631542003 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 631542003 clip.



Newer M12™ Handle Sets utilize **Housing Connection Clip No. 631542003**. 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 631542003 clip.



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

