

T ECHNICAL INFORMATION

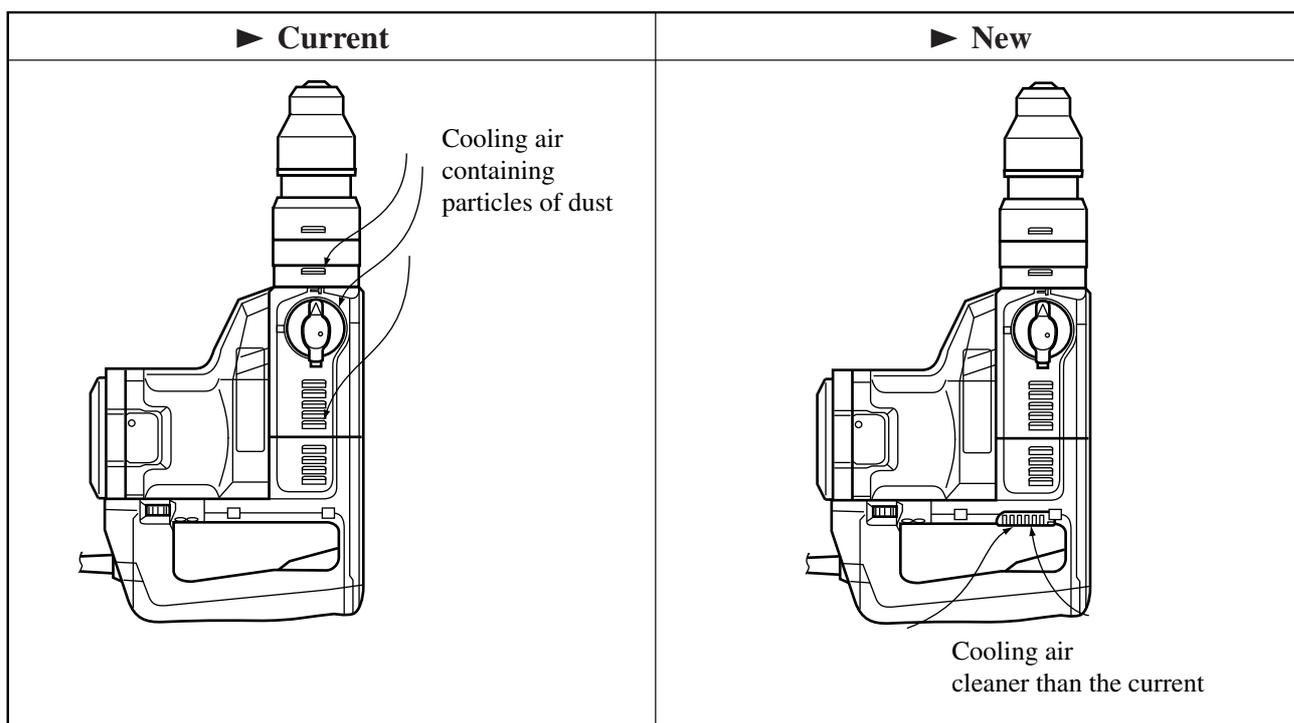
Subject ▶ Changes of Handle, etc. and Addition of Dustproof Washer 55

For Models ▶ HR4000C

Description ▶ In order to prevent particles of dust from coming in through ventilating ducts and locking carbon brushes;

- 1) The position of ventilating ducts has shifted to rear handle from crank housing.
- 2) Baffle Plate has been modified in accordance with the shift of ventilating ducts.
- 3) Dustproof Washer 55 has newly been inserted between Change Lever and Crank Housing Cover.

See page 2 and 3 for the details of these changes and how to disassemble the new type.



Interchangeability(I/C)

Item No.	Current part		Q'ty	I/C	New part		Q'ty	Note
096	Handle 416290-9		1	No	Handle 416985-4		1	For all countries except China and Hong Kong
096	Handle Complete 150858-8		1	No	Handle Complete 151762-4		1	For China and Hong Kong
045	Crank Housing Cover Complete 159967-0		1	No	Crank Housing Cover Complete 151761-6		1	Interchangeable as a set
098	Baffle Plate 416296-7		1	No	Baffle Plate 416987-0		1	
130					Dustproof Washer 55 421698-4		1	

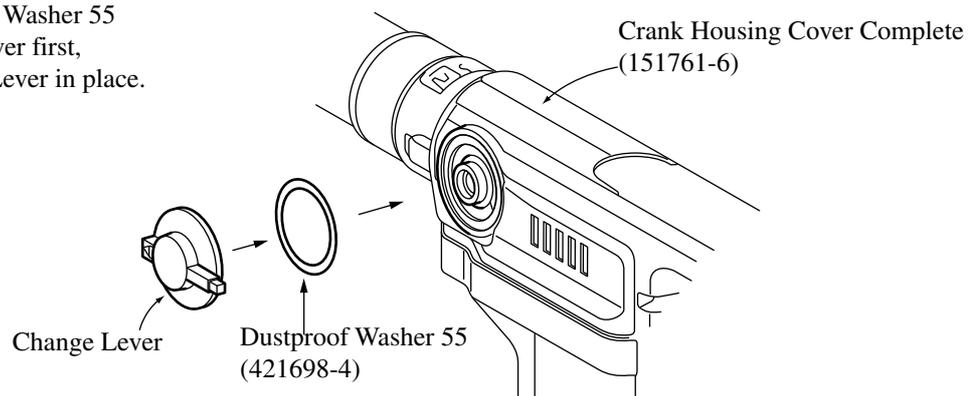
Implementation

From serial No.84737E (Feb.,1999)

	► Current	► New
Crank Housing Cover Complete	(Part No.159967-0) cross section view of Change Lever side	(Part No.151761-6) modified to receive Dustproof Washer 55 Ventilating Ducts have been eliminated.
Handle or Handle Complete	(Part No.416290-9 or 150858-8) 	(Part No.416985-4 or 151762-4) Ventilating Duct
Baffle Plate	(Part No.416296-7) 	(Part No.416987-0)

Dustproof Washer 55
(421698-4)

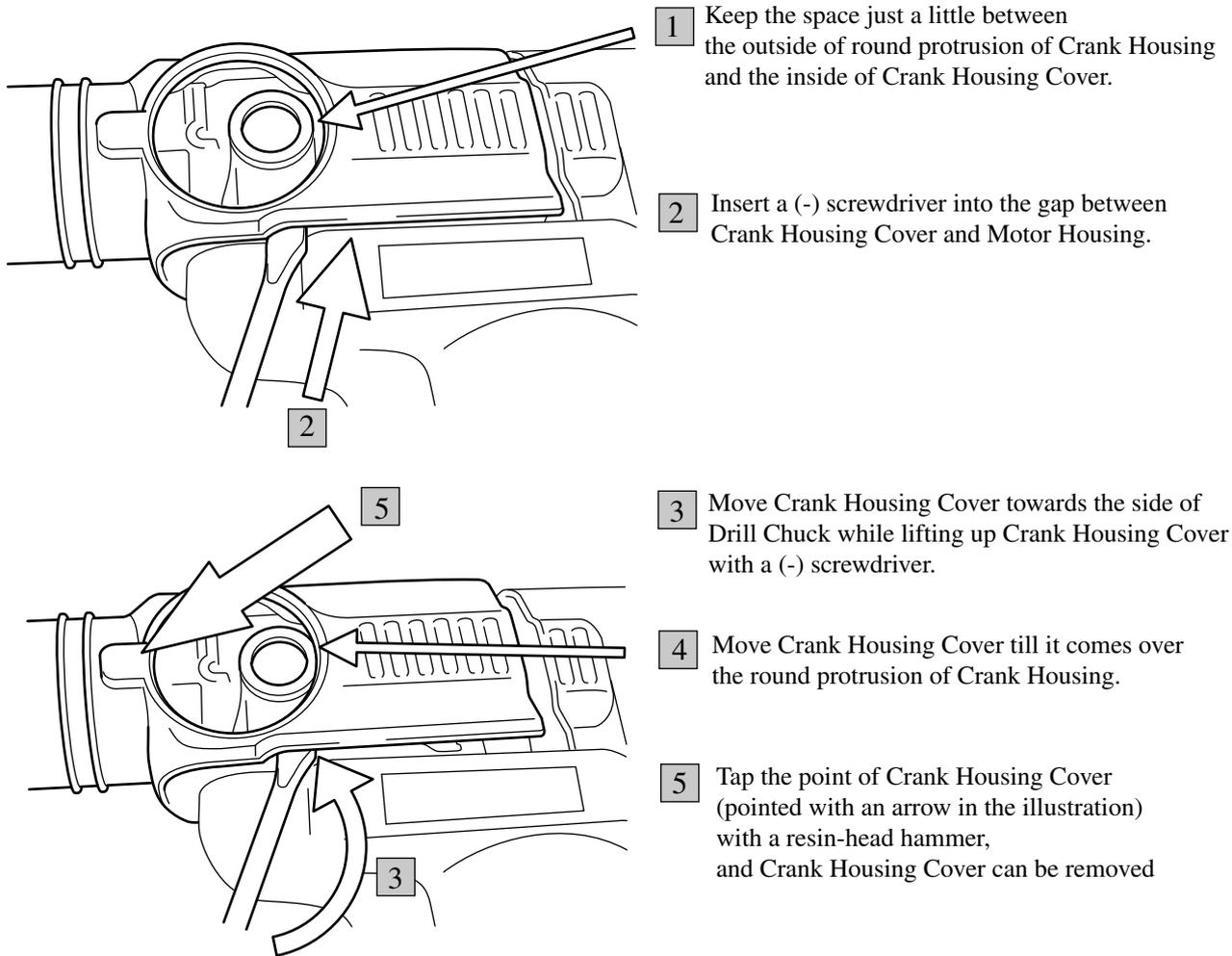
Always set Dustproof Washer 55 to Crank Housing Cover first, and then set Change Lever in place.



How to Disassemble:

1) Crank Housing Cover:

Follow the disassembling steps as described below, and it would be much easier to disassemble the new type machine.



2) Armature Ass'y:

It is recommended to use a repairing tool (Large Gear Extractor/ Part No.1R045) when taking out Armature Ass'y with ease because of the change of Baffle Plate.

