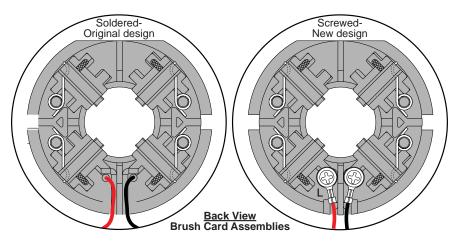


37 Assemble Ball Bearing with seal towards Pinion and shield towards Armature.



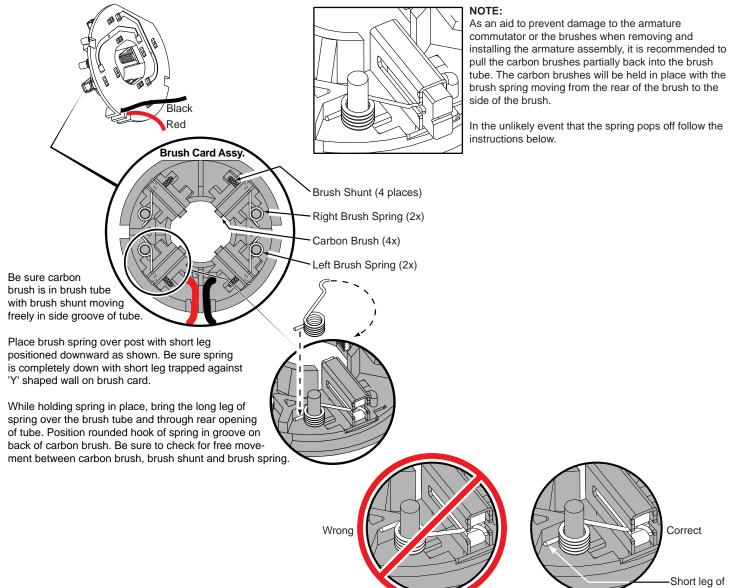
## NOTE:

There are two Brush Card Assembly designs.

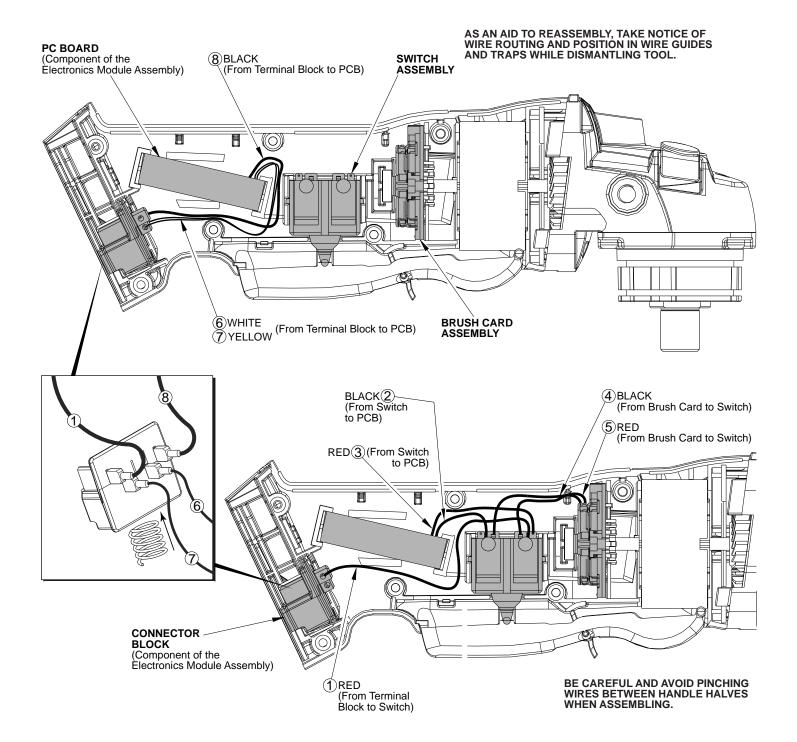
On the original brush card design the red and black wires that go to the switch are soldered on the brush card.

On the new brush card design the red and black wires that go to the switch are secured to the brush card with spring washers and screws.

The new brush card design is **<u>directly interchangeable</u>** in tools that have the old brush card design.

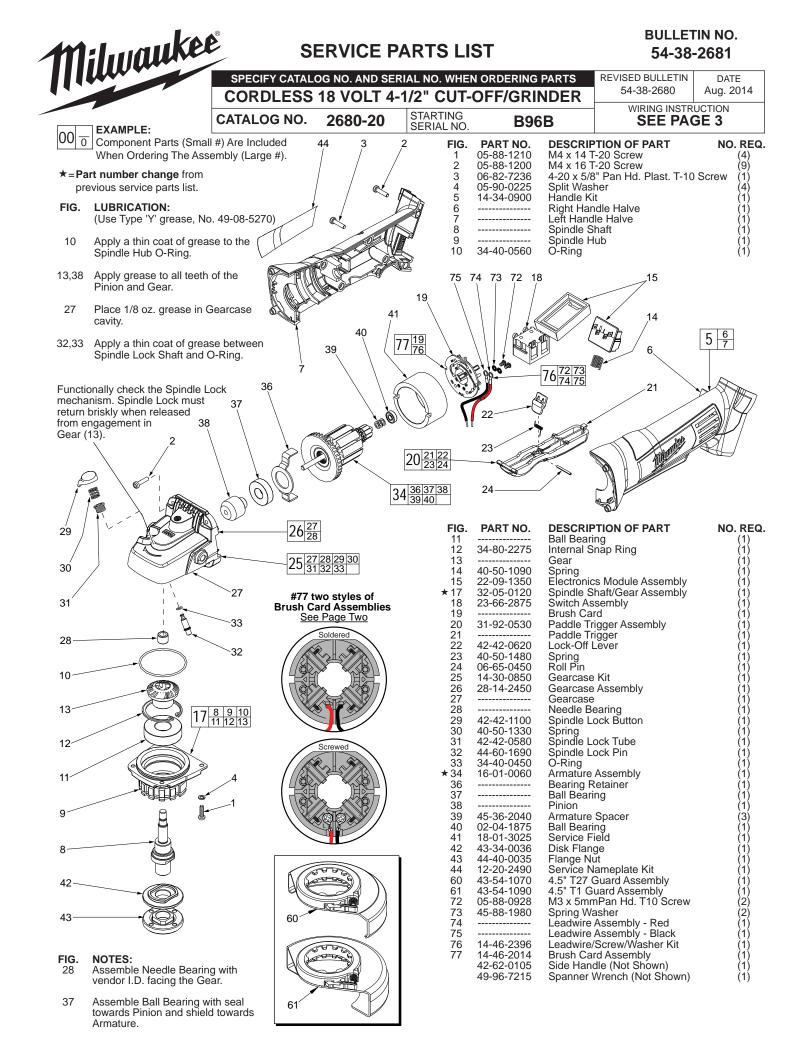


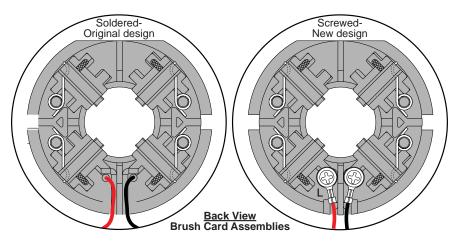
spring to the bottom



	SPECIFICATIONS	WIRING			
	Terminals, Connectors and 1 or 2 End Wire Preparation	Length	Origin or Gauge	Wire Color	Wire No.
	Component of the Electronics Module Assembly.		14	Red	1
I OF	Component of the Electronics Module Assembly.		14	Black	2
	Component of the Electronics Module Assembly.		18	Red	3
	Component of the Brush Card Assembly.		15	Black	4
I L	Component of the Brush Card Assembly.		15	Red	5
	Component of the Electronics Module Assembly.		24	White	6
	Component of the Electronics Module Assembly.		24	Yellow	7
	Component of the Electronics Module Assembly.		14	Black	8
	IRE - BULLETIN NO. 58-01-0003	K LEAD W	BUL		







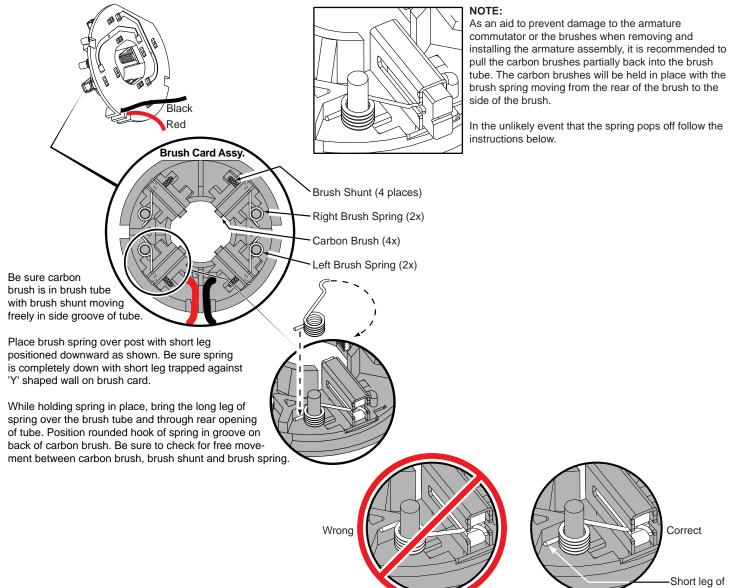
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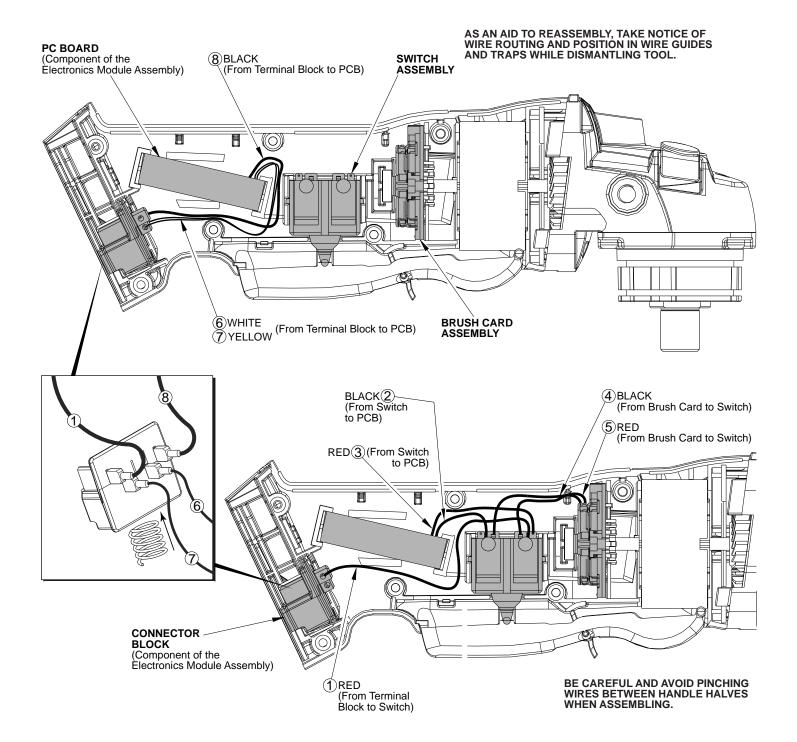
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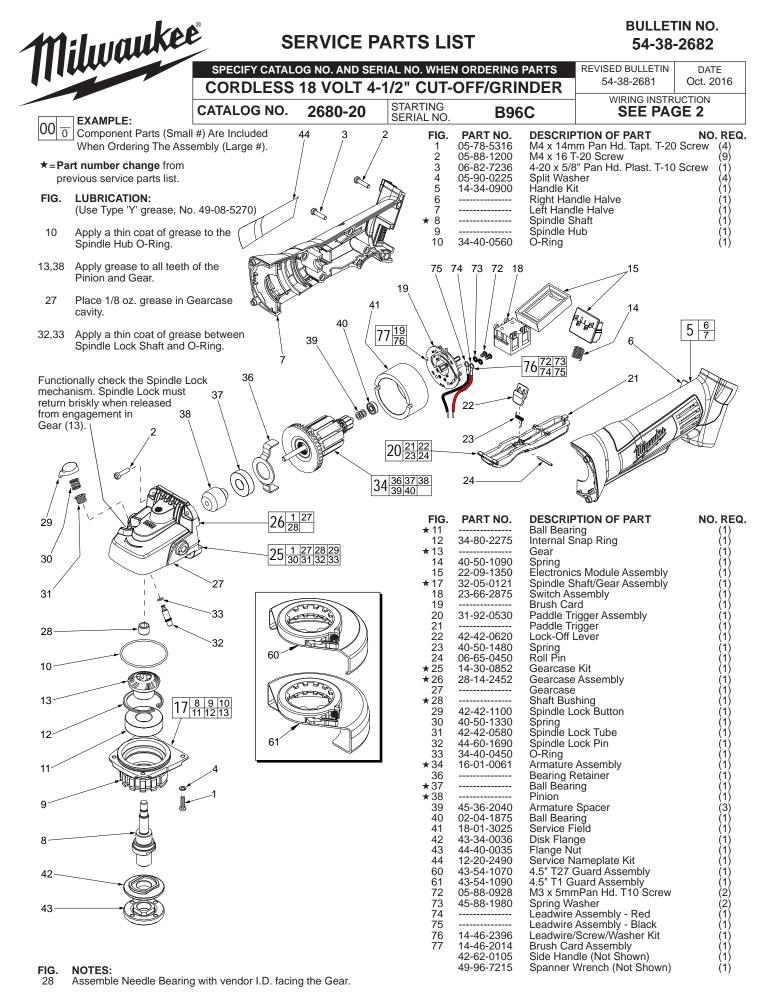


spring to the bottom

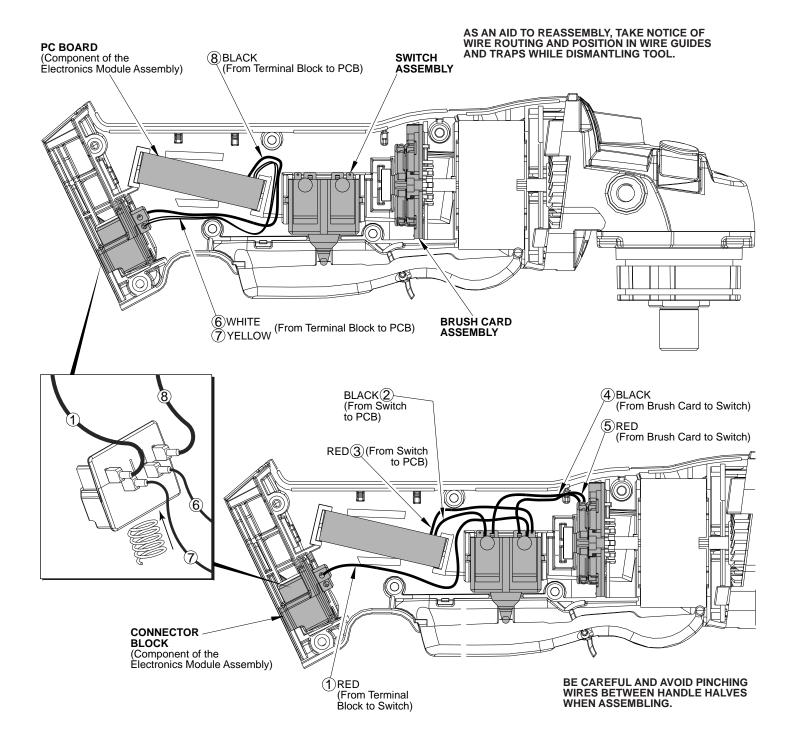


	SPECIFICATIONS	WIRING			
	Terminals, Connectors and 1 or 2 End Wire Preparation	Length	Origin or Gauge	Wire Color	Wire No.
	Component of the Electronics Module Assembly.		14	Red	1
I OE	Component of the Electronics Module Assembly.		14	Black	2
	Component of the Electronics Module Assembly.		18	Red	3
	Component of the Brush Card Assembly.		15	Black	4
I L	Component of the Brush Card Assembly.		15	Red	5
	Component of the Electronics Module Assembly.		24	White	6
	Component of the Electronics Module Assembly.		24	Yellow	7
	Component of the Electronics Module Assembly.		14	Black	8
	IRE - BULLETIN NO. 58-01-0003	K LEAD W	BUL		





<sup>37</sup> Assemble Ball Bearing with seal towards Pinion and shield towards Armature.



			WIRING	SPECIFICATIONS	
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation	1
1	Red	14		Component of the Electronics Module Assembly.	
2	Black	14		Component of the Electronics Module Assembly.	
3	Red	18		Component of the Electronics Module Assembly.	1
4	Black	15		Component of the Brush Card Assembly.	1
5	Red	15		Component of the Brush Card Assembly.	] L
6	White	24		Component of the Electronics Module Assembly.	]
7	Yellow	24		Component of the Electronics Module Assembly.	
8	Black	14		Component of the Electronics Module Assembly.	
					1
		BUI		/ /IRE - BULLETIN NO. 58-01-0003	



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