

Technical Information

DG534

1 Outline

Title	Change of Stator and Controller etc.
Model	DDA460, DDG460, DHS660, DHS661, DRT50, XAD03, XAD04, XGD01, XSH04, XSH05, XTR01
Country	All countries
Description	Stator and Controller etc. will be changed to improve repairability and productivity.

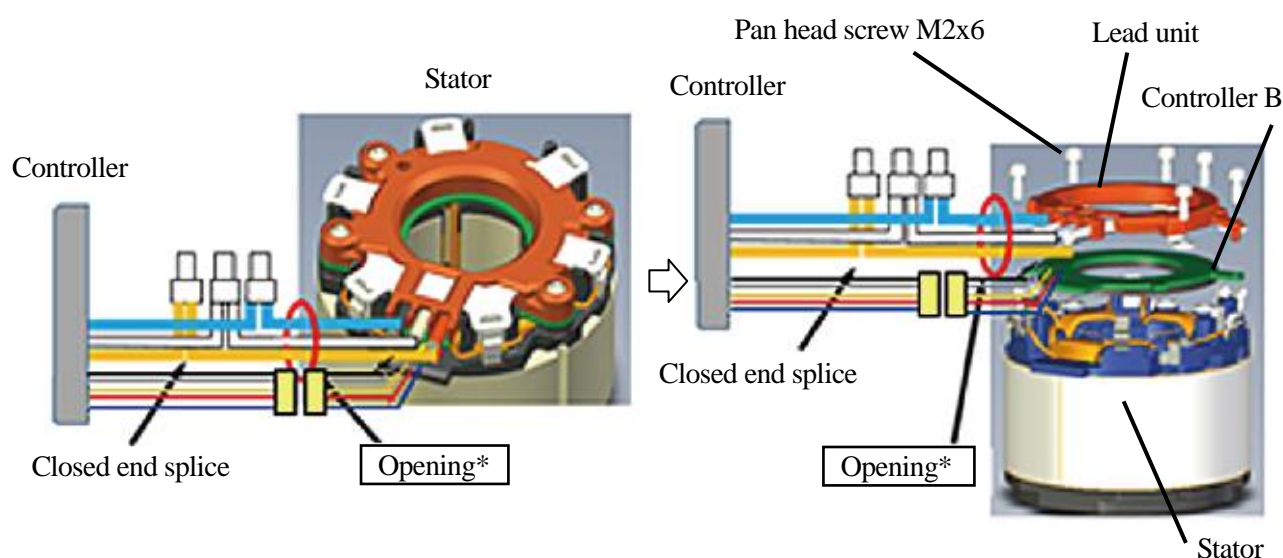
2 Detailed information

[1]-[4] DDA460, DDG460, XAD03, XAD04, XGD01

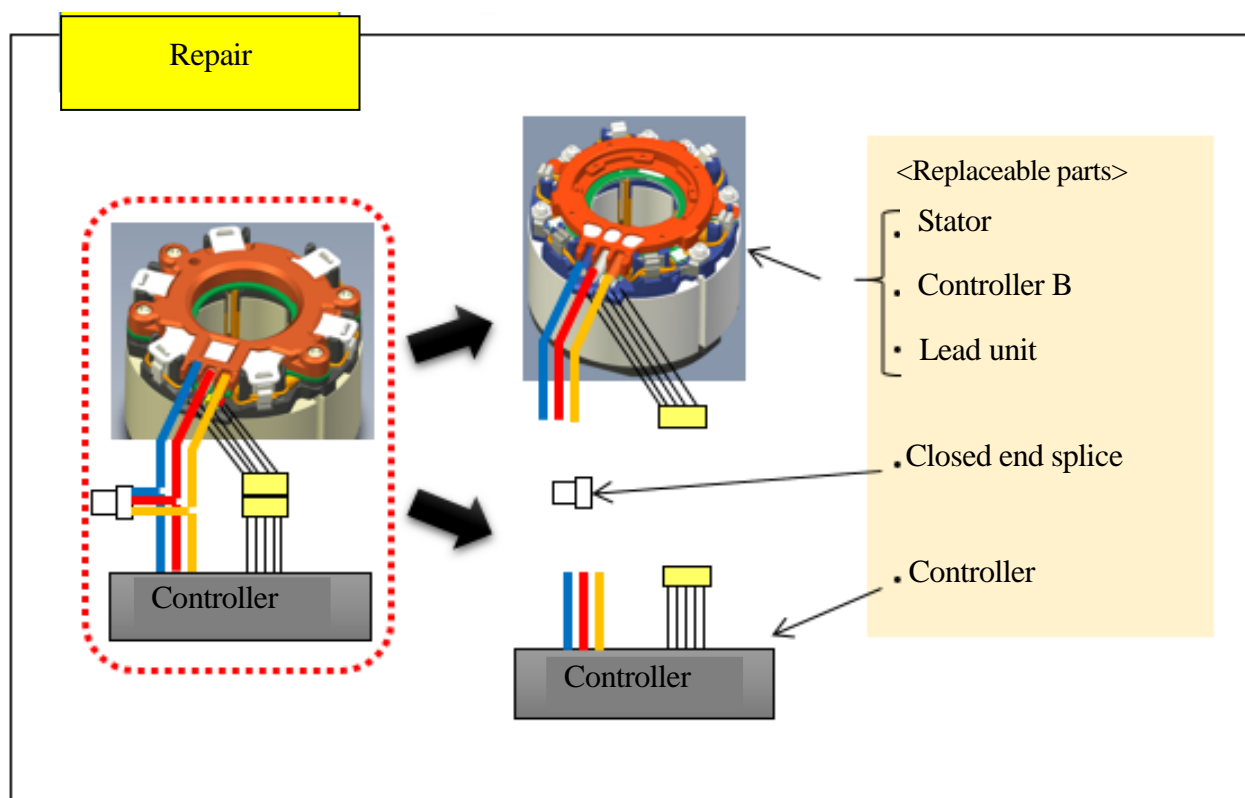
Stator will be changed to Stator, Controller B and Lead unit.

Terminal unit (a component part of Stator) and Stator are assembled by soldering, therefore, inseparable.

Lead unit and Stator are assembled with Screws, therefore, separable.



*Some models need to be wired through the opening of Motor housing. Therefore Closed end splices are required.



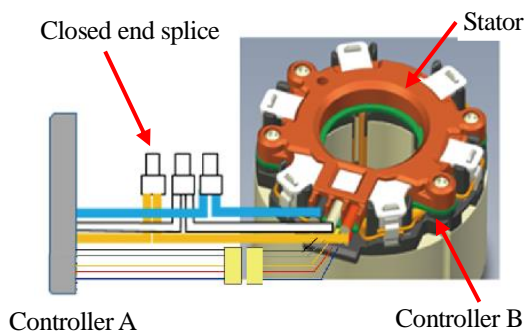
[5]-[9] DRT50, XTR01

Stator and Controller A will be changed to Stator, Controller A and Controller B.

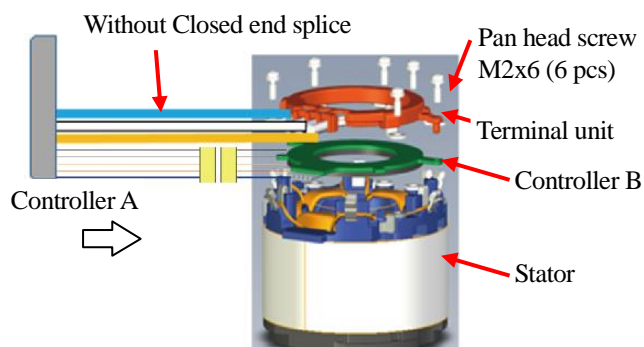
Terminal unit (a component part of Stator) and Stator are assembled by soldering, therefore, inseparable.

Terminal unit (a component part of Controller A) and Stator are assembled with Pan head screws M2x6, therefore, separable.

Note: Tightening torque must be 0.12 to 0.22 N•m.

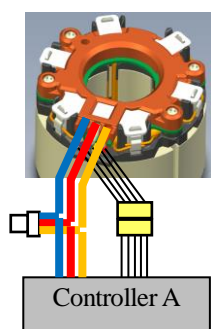


Controllers and Stator can be replaced by removing, Closed end splices.

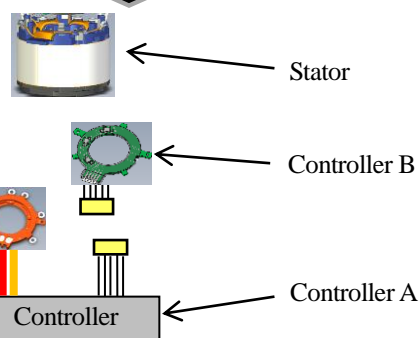
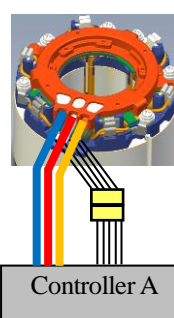


Controllers and Stator can be replaced by removing, Terminal unit.

How to repair Current parts



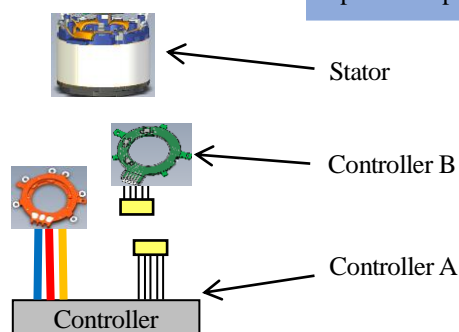
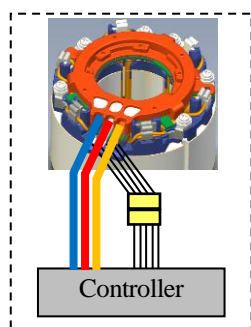
How to repair New parts



<First repair>
Replacing Controller and Stator as a set is required.

<The second repair or after>
Each part is individually replaceable.

Replaceable parts



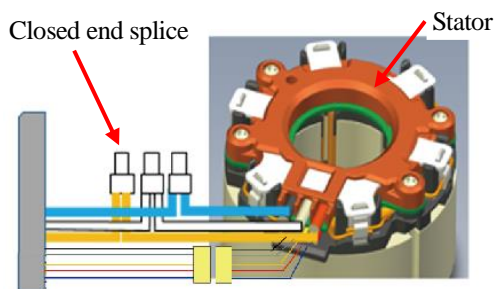
[10]-[18] DHS660, DHS661, XSH04, XSH05

Stator and Controller will be changed to Stator, Controller and Controller B.

Terminal unit (a component part of Stator) and Stator are assembled by soldering, therefore, inseparable.

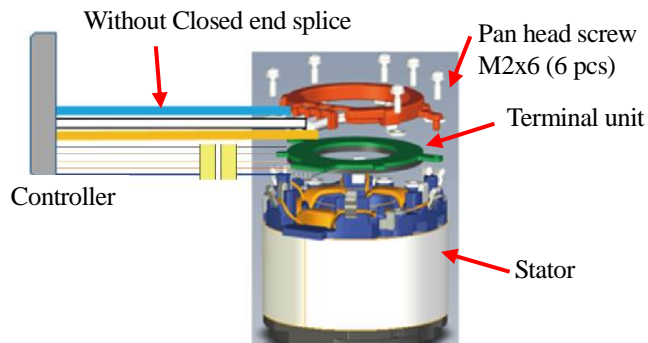
Terminal unit (a component part of Controller) and Stator are assembled with Pan head screws M2x6, therefore, separable.

Note: Tightening torque must be 0.12 to 0.22 N·m.



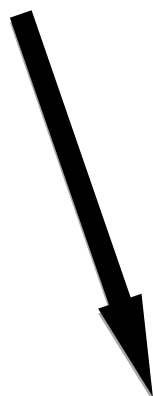
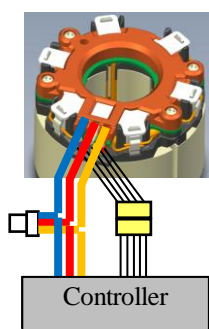
Controller

Controller and Stator can be replaced by removing Closed end splices.

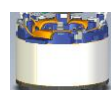
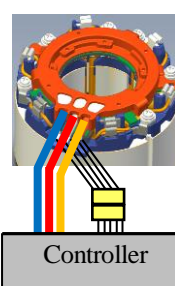


Controllers and Stator can be replaced by removing Terminal unit.

How to repair Current parts



How to repair New parts



Stator



Controller B



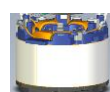
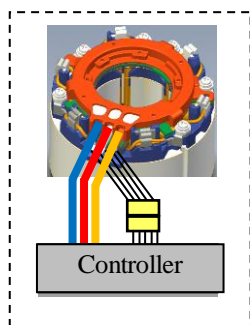
Controller



<First repair>
Replacing Controller and Stator as a set is required.

<The second repair or after>
Each part is individually replaceable.

Replaceable parts



Stator



Controller B

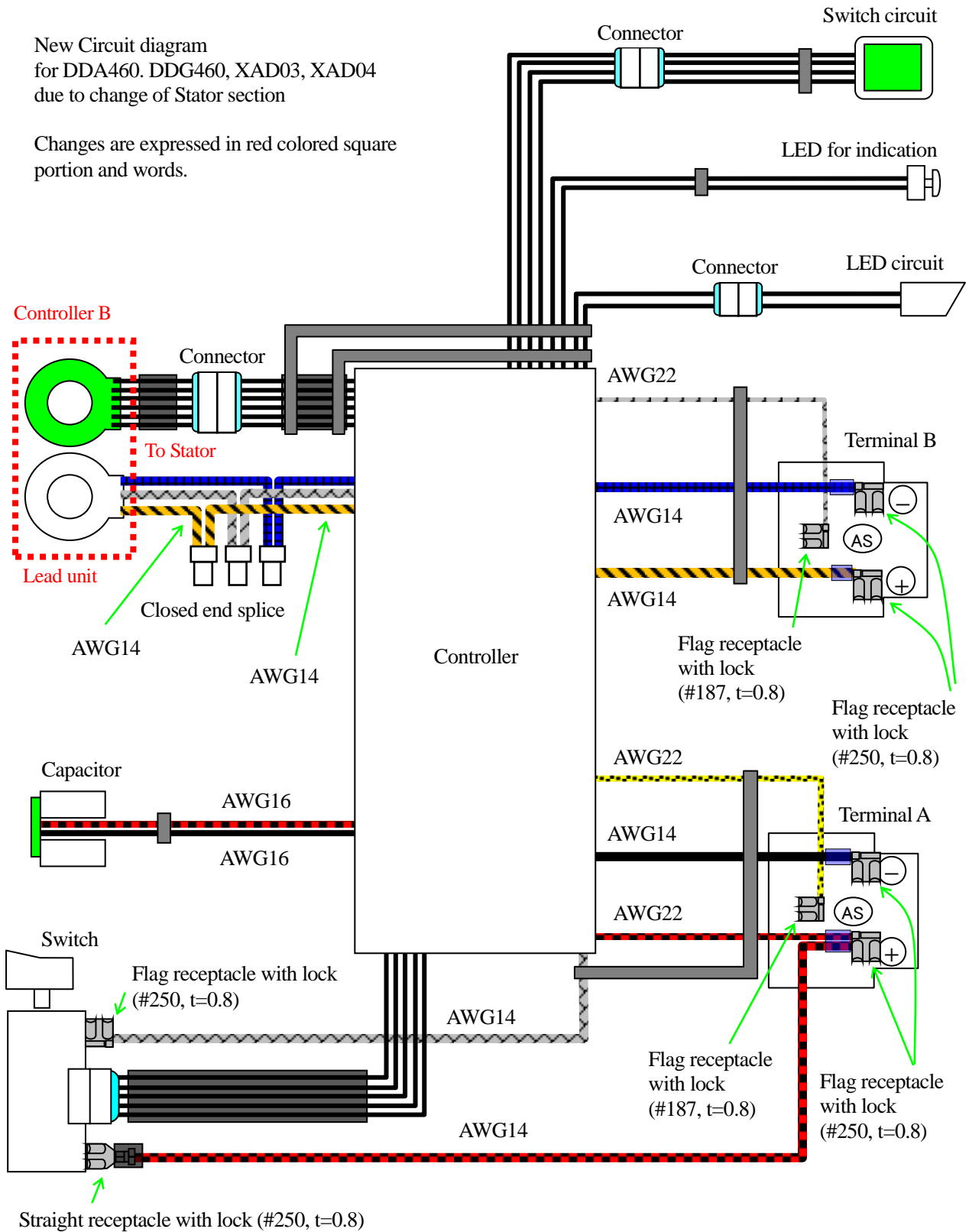


Controller



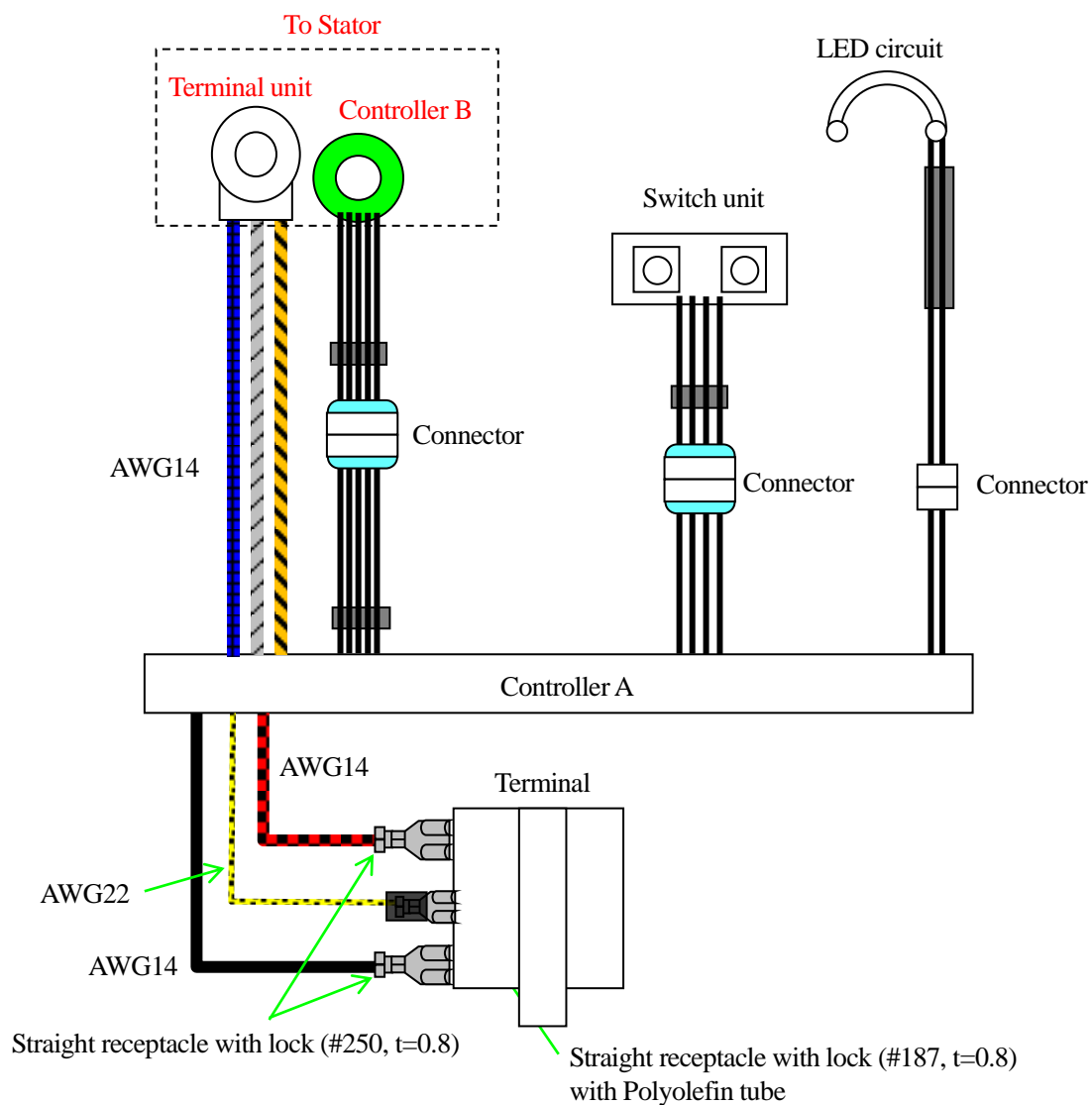
New Circuit diagram
for DDA460, DDG460, XAD03, XAD04
due to change of Stator section

Changes are expressed in red colored square
portion and words.



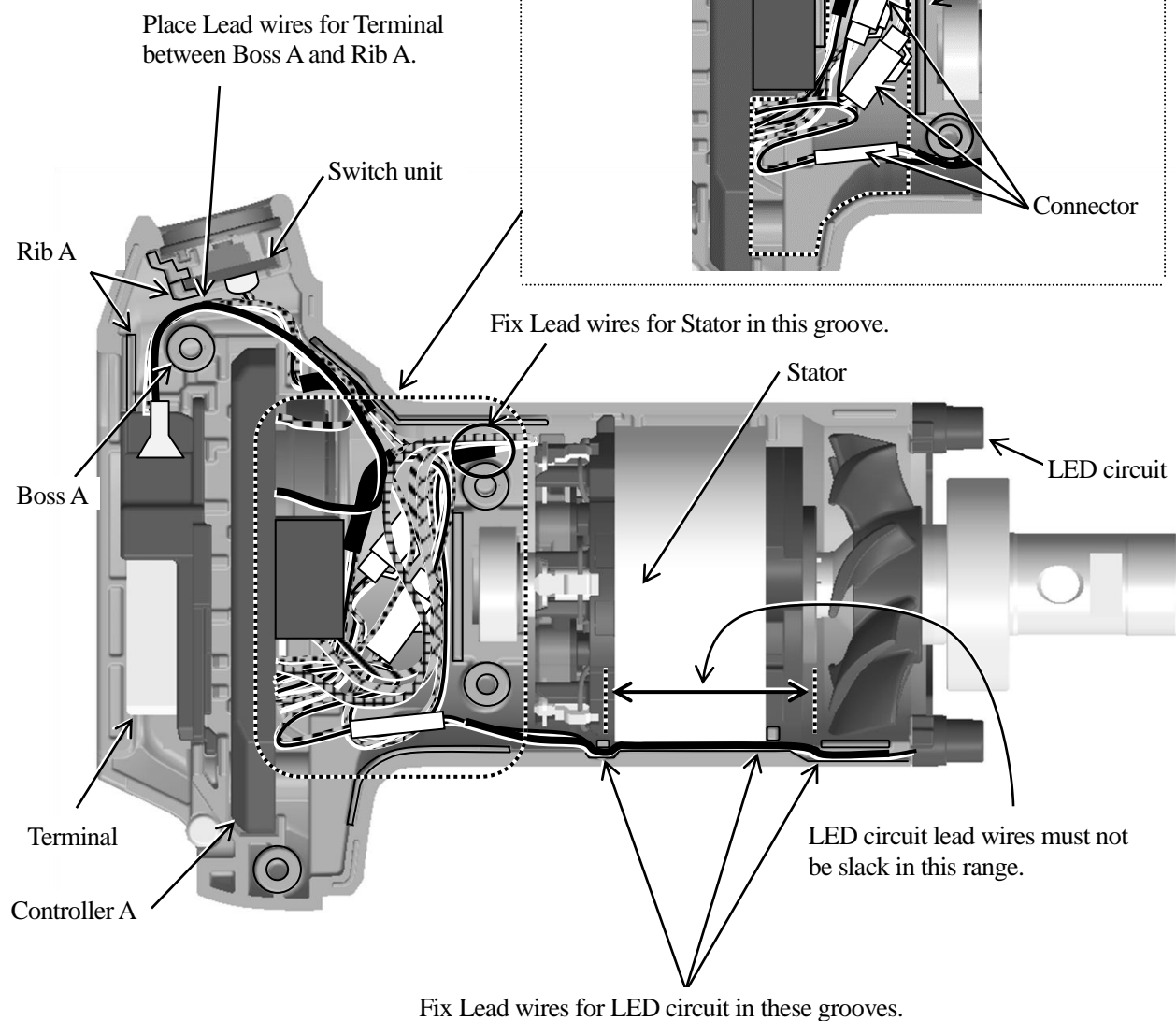
New Circuit diagram
for DRT50, XTR01

Changes are expressed in red colored words.



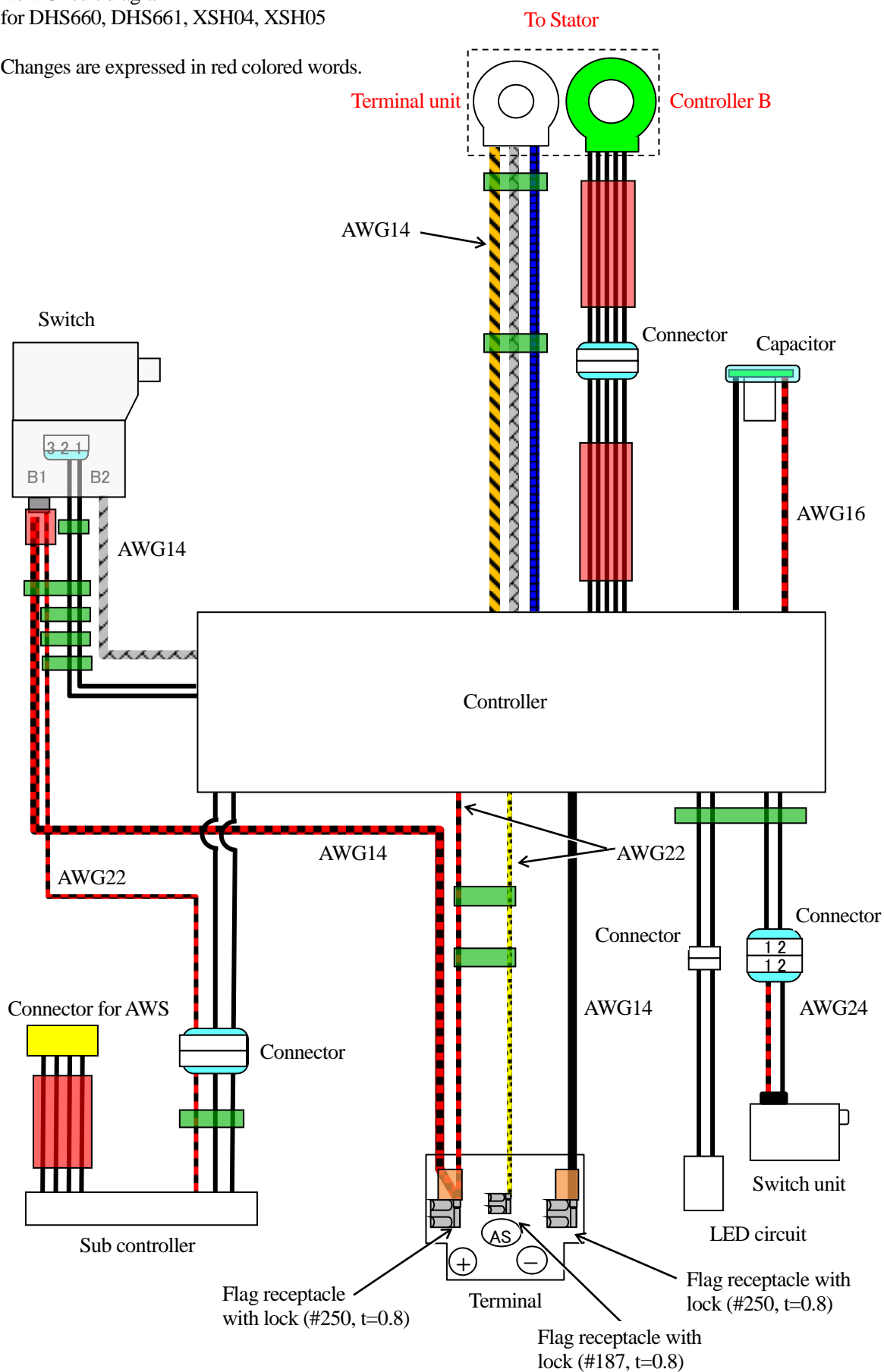
New Wiring diagram
for DRT50, XTR01

See below and follow the instructions
when New Stator is used.



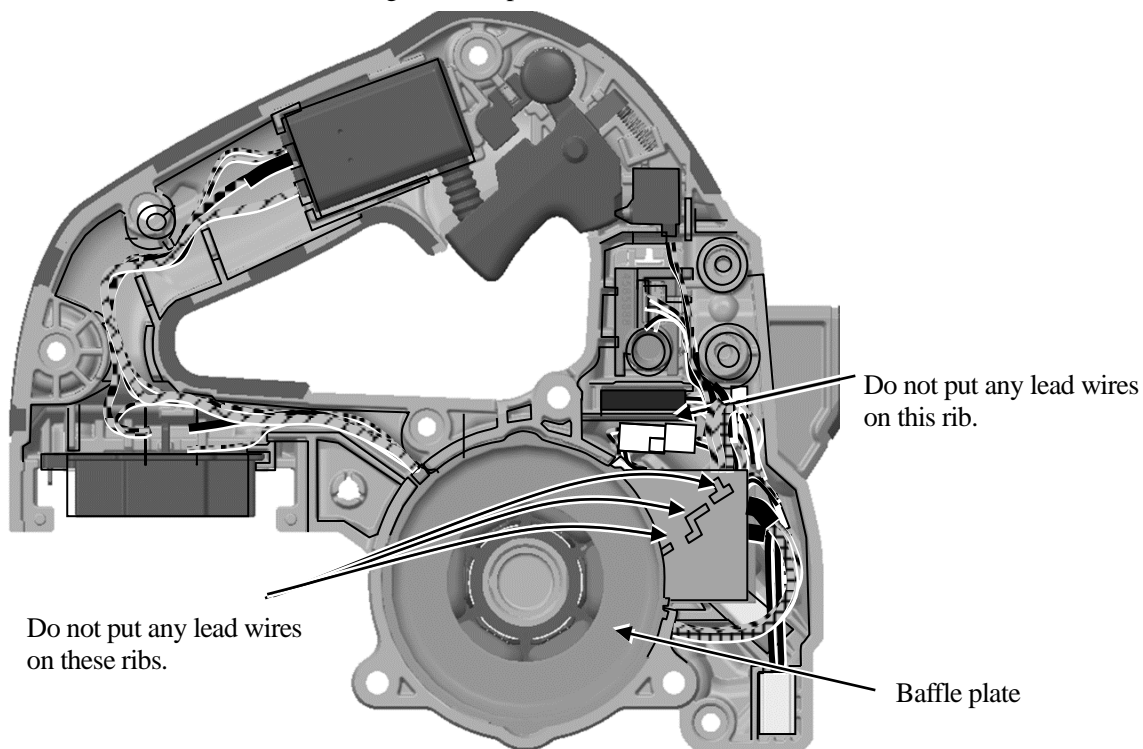
New Circuit diagram
for DHS660, DHS661, XSH04, XSH05

Changes are expressed in red colored words.



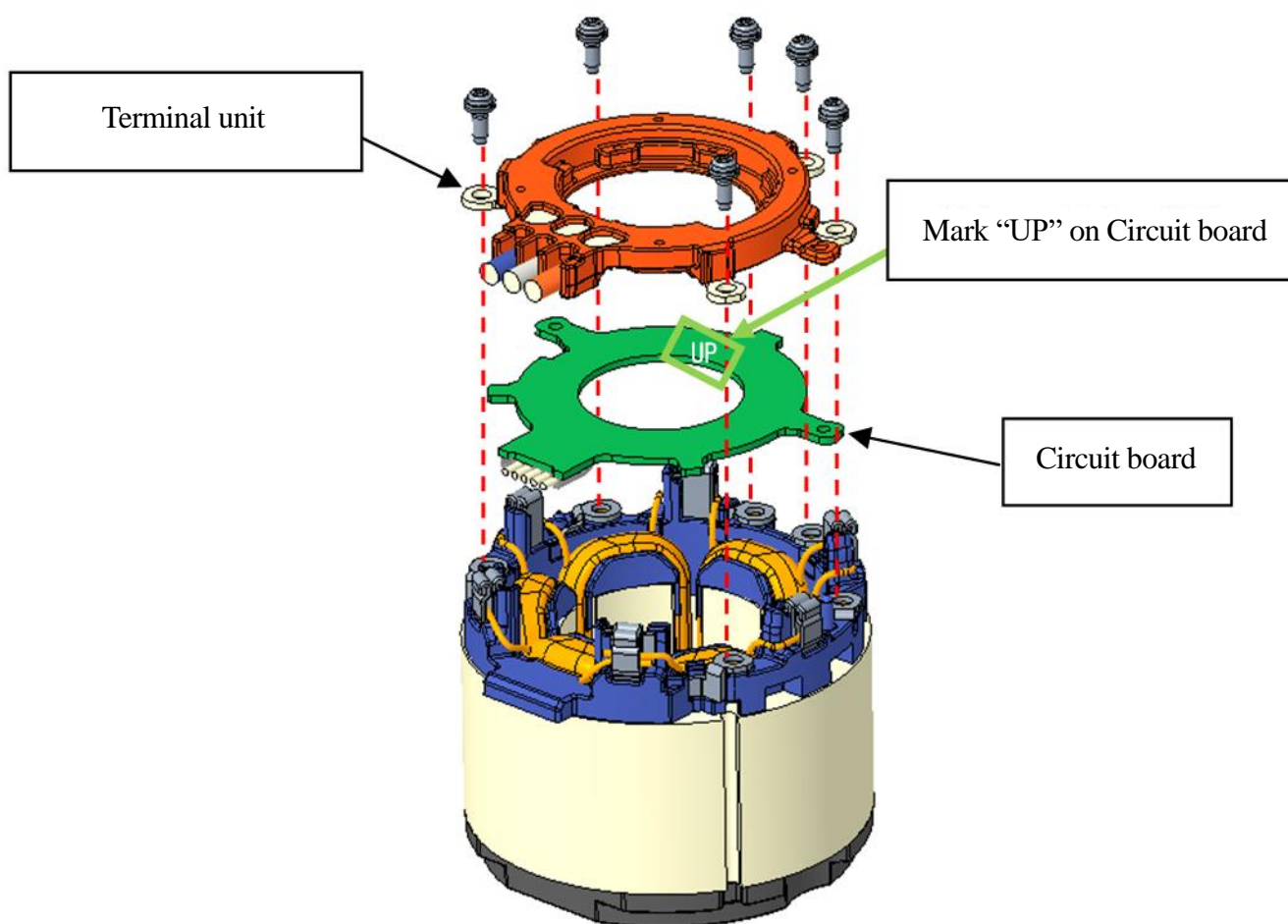
New Wiring diagram
for DHS660, DHS661, XSH04, XSH05

Instructions are added when Closed end splices are not used for connecting Controller and Stator section.
See below for the instructions after assembling of Baffle plate.



Note the following points how to assemble Circuit board.

- Face the mark “UP” on Circuit board upward.
- Be careful not to twist lead wires during assembly.



3 Parts information

	Item No.	Current part	Q'ty	I/C	H/S	S/P	New part	Q'ty	Note
[1]	060	STATOR 629356-8	1	S	OK	D	STATOR 629B69-3	1	DDA460, DDG460, XAD03, XAD04, XGD01 Interchangeable as a set
[2]	076 084			S			CONTROLLER B 620K74-7	1	
[3]	077 085			S			PAN HEAD SCREW M2X6 652119-7	6	
[4]	078 086			S			LEAD UNIT 638A31-1	1	
[5]	010	STATOR 629280-5	1	S	OK	A	STATOR 629B72-4	1	DRT50, XTR01 Interchangeable as a set
[6]	006	CONTROLLER A 620F52-7	1	S	OK	A	CONTROLLER A 620L08-6	1	
[7]	039			S			CONTROLLER B 620L09-4	1	
[8]	040			S			PAN HEAD SCREW M2X6 652119-7	6	
[9]	D01	INSULATED CONNECTOR 5.5-SD 654510-5	3		OK	L			
[10]	021	STATOR 629362-3	1	S	OK	A	STATOR 629B61-9	1	DHS661, XSH05 Interchangeable as a set
[11]	024	CONTROLLER 620A73-9	1	S	OK	A	CONTROLLER 620L11-7	1	
[12]	086			S			CONTROLLER B 620K37-3	1	
[13]	087			S			PAN HEAD SCREW M2X6 652119-7	6	
[14]	D01	INSULATED CONNECTOR 5.5-SD 654510-5	3		OK	L			
[15]	021	STATOR 629362-3	1	S	OK	A	STATOR 629B61-9	1	DHS660, XSH04 Interchangeable as a set
[16]	024	CONTROLLER 620A72-1	1	S	OK	A	CONTROLLER 620K98-3	1	
[17]	086			S			CONTROLLER B 620K37-3	1	
[18]	087			S			PAN HEAD SCREW M2X6 652119-7	6	
[19]	D01	INSULATED CONNECTOR 5.5-SD 654510-5	3		OK	L			

3-1 Marks of Interchangeability (I/C), Handling (H/S), Supplying (S/P)

I/C (Interchangeability)	Yes	The new part can be substituted for the current and the current part can be substituted for the new.
	No	The new part cannot be substituted for the current and the current part cannot be substituted for the new.
	←	The new part can be substituted for the current.
	→	The current part can be substituted for the new.
	S	Interchangeable as a set.
H/S (Handling for plants, agents, and distributors stock of the current parts)	OK	The current parts can be used for the subject item No(s). of the subject model(s).
	NOK	The current parts cannot be used for the subject item No(s). of the subject model(s), but can be used for the other item No(s) or the other models.
	T	The current parts in stock must be thrown away due to the technical reason.
S/P (Supplying the current parts for repair from plants)	L	The plants stop supplying the current parts under the above conditions [Model(s), Countries, Item No(s).]. However, they can supply the current parts under other conditions.
	D	The plants stop supplying the current parts.
	C	The plants continue to supply the current parts.
	Z	The plants continue supplying only for a certain period or amount.
	A	After the current parts in plant stock are cleared, they will be discontinued.

4 Implementation

MCA products

DDA460, XAD03, XAD04: At the same time when our technical information No. DL006 will be implemented.

MJ products

DDA460, DDG460, XGD01: From September 2022 production

MKC products

DHS660, DHS661, DRT50, XSH04, XSH05, XTR01: After the current Stators in plant stock are cleared.

After the current parts in stock are cleared.

MMR products

DHS660, DHS661, DRT50: Immediately upon completion of preparation