

TC-X031V
TC-X051A TC-X051S TC-X051P TC-X051V
Series Pumps

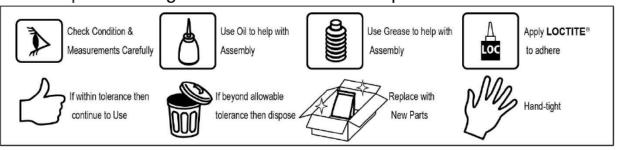
HOW TO USE THE PUMP SERVICE BOOK TC-X031 TC-X051 Series Pumps

The servicing method for each pump can be different depending on the model and size. Please refer
to the "Model Name" noted on the Pump Identification Plate and use the below table as a page
number and diagram reference guide.

D253(AT 1H00005MP XXXXXX Serial No. 製造編号 XXXXXX 2013-09 0~700 **©SERVICE CODE** ◎ (When you order) C SPOOL Exploded View ※ 1 · CENTRE DISK · AIR CHAMBER · FLAT VALVE · DIAPHRAGM ASSEMBLY · Assembly torque DIAPHRAGM SPOOL · VALVE SEAT · CENTRE ROD values / · PILOT VALVE Mounting Direction ASSEMBLY Re-torque values **Pump Model Code** Page Number & Diagram Reference Numbers 6-(1) 1-① 2-(1) 5 AT ST 3-(1) 4 6-(4) 6-(2) 1-(2) 2-(2) 3-(2) 4 5 VT 6-(4) 6-3 PT 2-(2) 3-(2) 5 1-(2) 6-(4)

X1) Before operating the pump for the first time please re-torque all bolts. Also re-torque bolts if leaks are discovered as part of the daily inspection regime.

Description of Diagrams used within the Pump Service Book



riangle warning

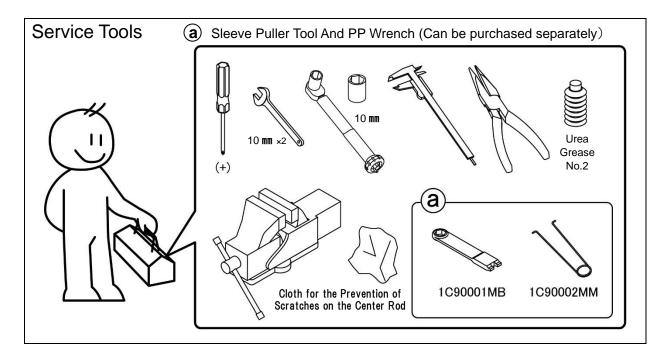


For your own safety and the safety of the people around you, be sure to read the procedures noted within carefully before performing maintenance on this product. After reading this document, be sure to keep it handy for future reference.

WARNING



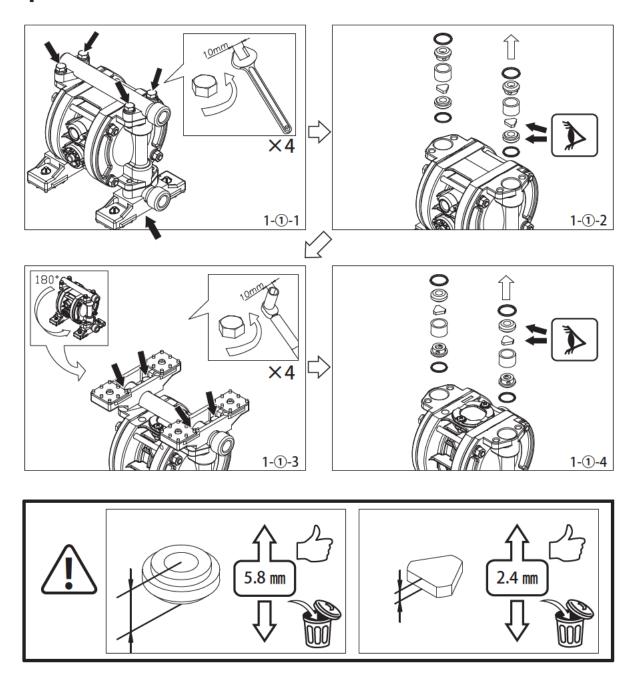
Before commencing any maintenance work, Disconnect the compressed air supply and remove and clean any remaining liquids contained on around or within the pump. If liquids are not removed or neutralized then there is a possibility of a serious injury such as burns, blindness, poisoning or even death if chemicals adhere to the skin eyes or are accidentally inhaled or swallowed. If residual air pressure is present within the pump there could be a danger of sudden decompression or explosion resulting in severe injury or even death. In case of disassembling, be sure to wear protective equipment, such as face mask, gloves, etc. When replacing spare parts, be sure to use genuine YTS parts. The installation and use of non-specified parts may cause a malfunction or damage to the product.



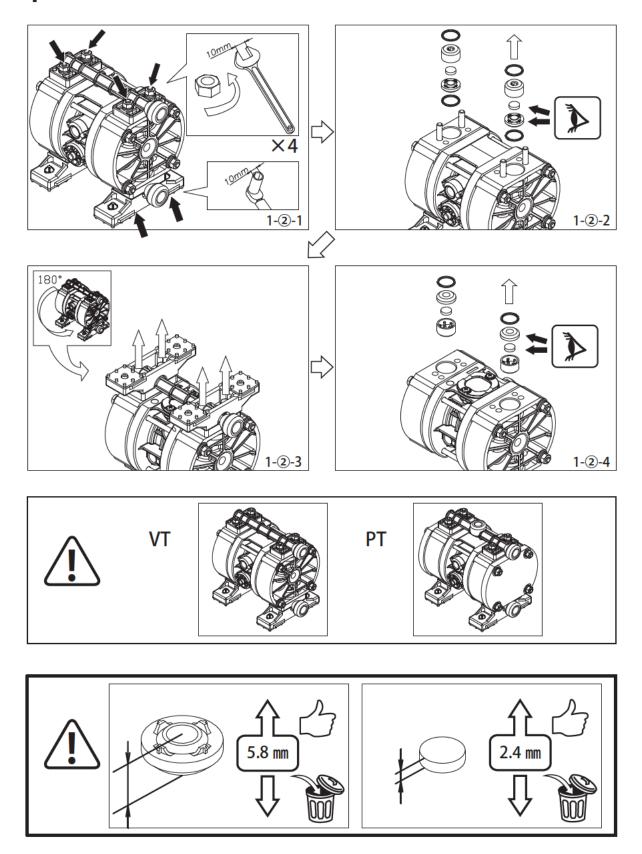
Recommended Changeover Time for the Replacement of Diaphragms 💥

PTFE 30 million cycles X Conditions; with fresh water at room temperature and 0 head Conditions such as over pressurization, dry running high or low temperatures, If you have any Chemical attack or Abrasion etc. can drastically shorten diaphragm life. questions, please ※ O-rings and packing should be replaced during service. contact your local * When reassembling the pump please follow the disassembly Distributor or YTS Procedure in reverse. For all torque values refer to the Exploded directly view on article 6. When ordering spare parts, please refer to the pump "SERVICE CODE". As stated on the Identification plate.

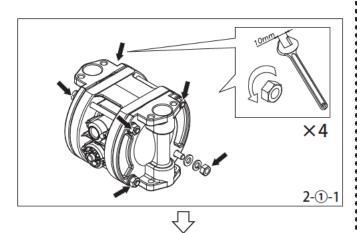
-① AT ST

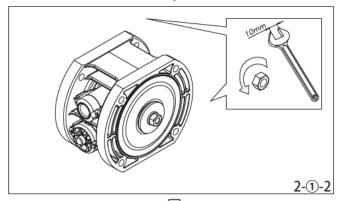


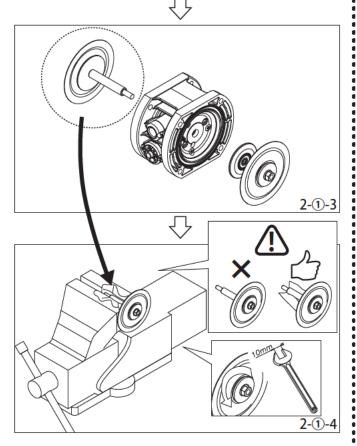
-② PT VT



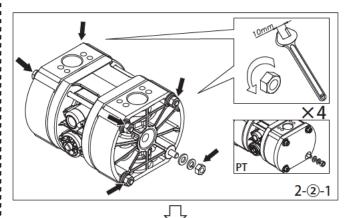
2-① AT ST

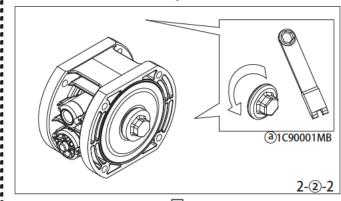


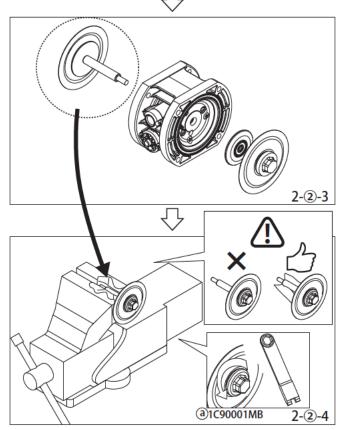




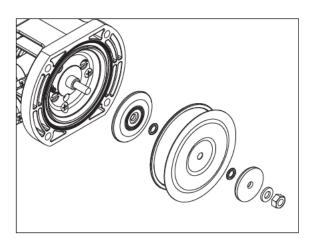
2-2 PT VT



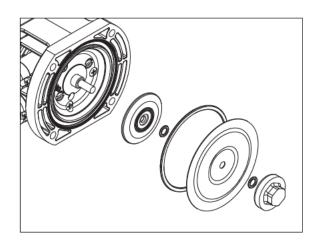


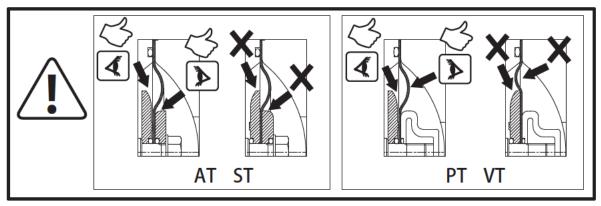


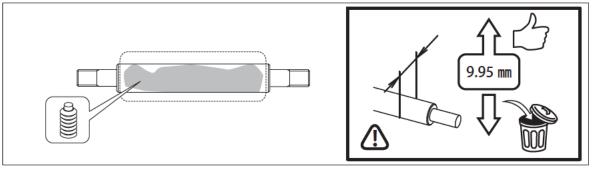
3-①
AT
ST

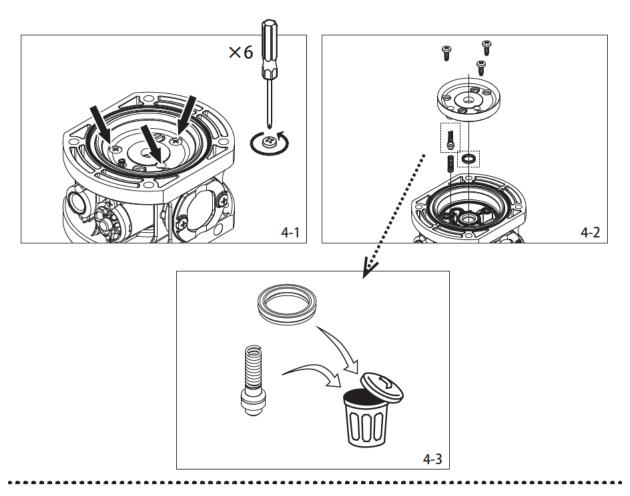


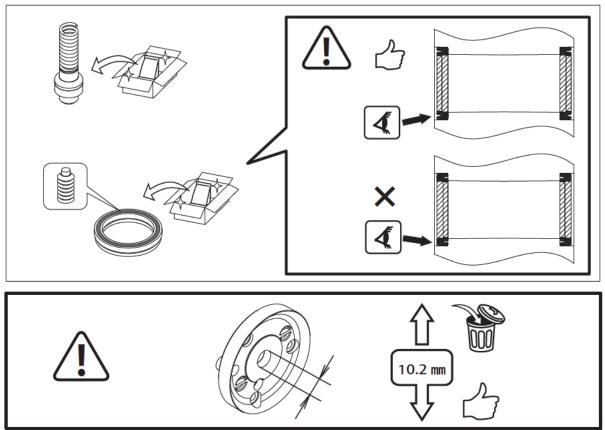
3-2 PT VT

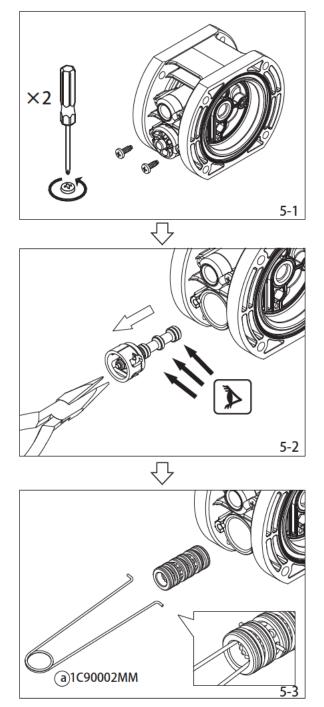


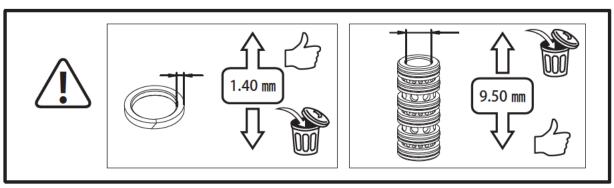


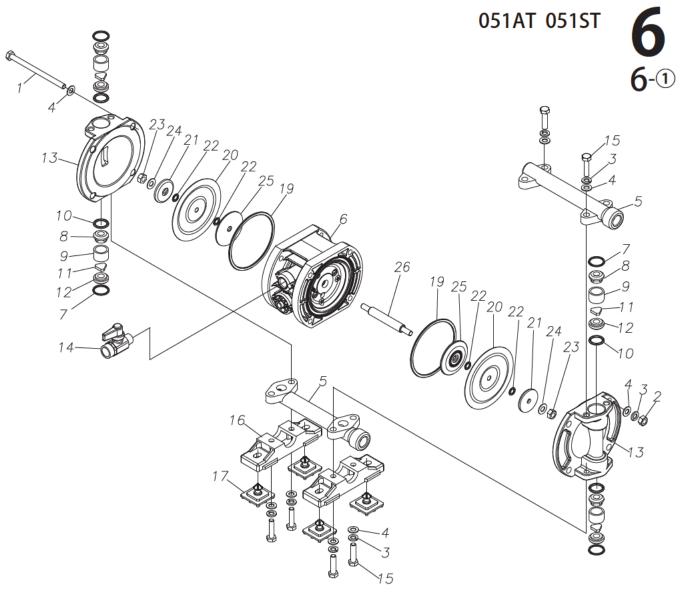


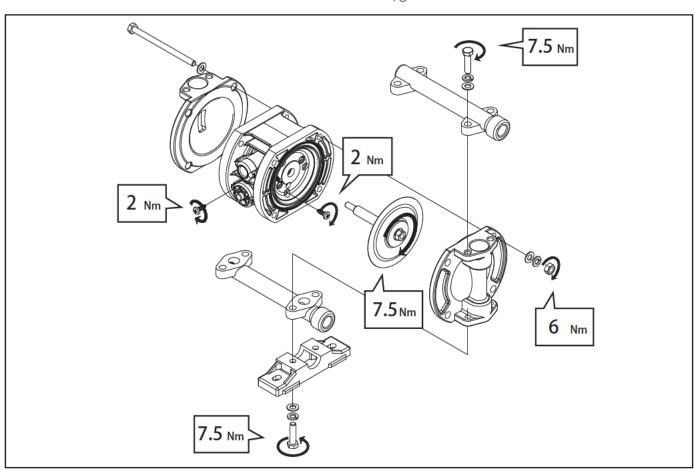


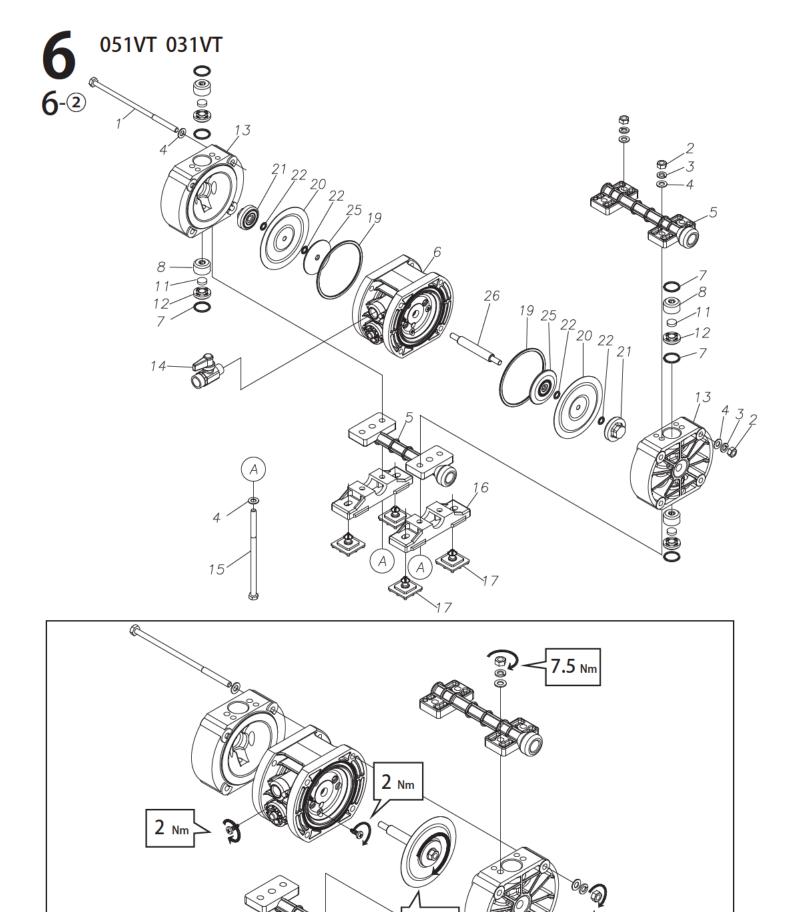












7.5_{Nm}

6 Nm

