Kawasaki

KAWASAKI DECK MACHINERY SERVICE NEWS	Issue : Apr, 22, 2024 Doc. No. : NO-24-009

Subject	Recommended replacement parts of electronic remote controller (Marol)

Kawasaki has selected some electronic parts for electronic remote controller (Marol) for vessels that have been in service for more than 10 years. Please see Table 1. Since the mooring work may be hindered due to the malfunction, please consider replacing the following parts at the time of docking.

Table 1. Recommended replacement parts

Parts	Reasons for selection and examples of defects
Portable controller	Seawater intrusion due to aging of seal parts
Actuator unit	Damage or malfunction of internal components due to seawater intrusion or aging of internal components
Junction Box	
Relay (in relay box)	Malfunction due to aging of electronic components
Circuit board (in control amplifier)	

Additionally, the old model portable controller and control amplifier shown in Table 2 are no longer in production and cannot be repaired or replaced. Therefore, KHI recommend replacing it with the current one.

Table 2. Recommended replacement parts from old to current model

Old model	Delivery date	Current model	Ancillary works
Controller (stand/lever type)	Until 2000 A.D.	Portable controller	Replacement of control amplifier, junction box and storage box Wiring work (Scope of yard)
control amplifier (old model)	Until 2007 A.D.	Control amplifier (current model)	Wiring work (Scope of yard)

Please refer to the attachment for the appearance of each component. Please contact your sales agent for details such as delivery date.

KAWASAKI HEAVY INDUSTRIES, LTD.
PRECISION MACHINERY BUSINESS DEVISION
CUSTOMER SERVICE DEPARTMENT

Portable controller

PT-10N-WP-300

PT-21N-WP-300

PT-31N-WP-300

PT-41N-WP-300

PT-31N-WPSW-300

PT-41N-WPSW-300

Old model controller
(no longer in procution)

Actuator unit

Control amplifier

Current model

CB-201-**

CB-202-**

CB-203-**

CB-204-**

Old model

CB-301-** No longer in procution

CB-302-** No longer in procution

CB-303-** No longer in procution

CB-304-**No longer in procution