

RMI replacement cover instructions



SAFETY

The main power supply to the machine must be switched off before working on the RMI.



WARNING

Only qualified persons should dismantle this equipment.
Faulty workmanship will invalidate the warranty.



KEEP CLEAN

Liquids and solid particles must NOT be allowed to enter the RMI body.

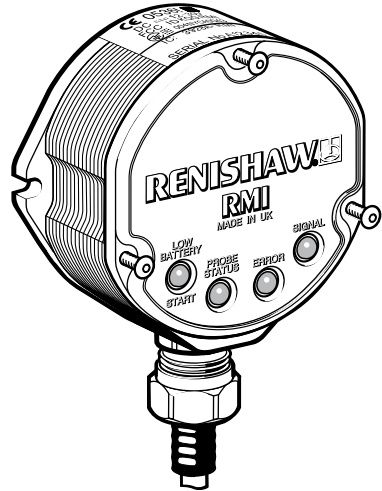
RMI cover

It is not necessary to remove the RMI from the machine when installing new parts.

Removing the RMI cover

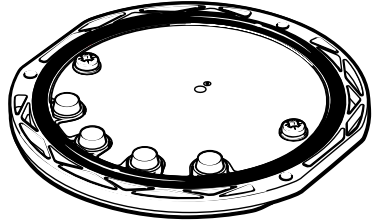
1. Clean the RMI thoroughly before servicing to ensure no debris or coolant enters the unit.
2. Unscrew, (but do not remove) each captive screw and washer, evenly from the cover, using the T10 tamper proof key (provided).
3. When removing cover, do not twist or rotate by hand.

Note : Refer to the RMI installation and user's guide, H-2000-5220 for removing the PCB.



Fitting the RMI cover

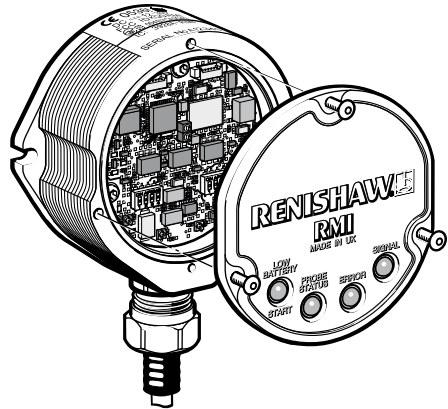
1. Remove O-ring from the cover, ensure that the O-ring, the O-ring groove and the cover sealing face are clean. Lubricate O-ring with silicone grease and refit to cover.
2. Ensure that the O-ring seating on the RMI body is clean, and there are no scratch marks which could prevent complete sealing.
3. Ensure that the antenna contacts are clean.
4. Place cover complete with O-ring onto the RMI body.



Note : Do not get any grease on the antenna contacts.

IMPORTANT: Do not overtighten cover as distortion could occur.

5. Tighten each captive screw and washer, using the T10 tamper proof key (provided) a few turns at a time, to pull the cover down evenly. Fully tighten each captive screw to 1.0 Nm (0.74 lbf.ft.).



Renishaw plc
New Mills, Wotton-under-Edge,
Gloucestershire, GL12 8JR
United Kingdom

T +44 (0)1453 524524
F +44 (0)1453 524901
E uk@renishaw.com
www.renishaw.com

RENISHAW 
apply innovation™

Parts list

Please quote the Part No. when ordering equipment

Part no.	Description	Quantity
A-4113-0305	RMI cover assembly kit comprising:	
	RMI cover assembly	1
	T10 tamper proof wrench	1
	RMI cover replacement guide	1

**For worldwide contact details,
please visit our main website at
www.renishaw.com/contact**



H - 4 1 1 3 - 8 5 0 6 - 0 1