

SPARES AND SERVICE KIT

On-the-go servicing to keep you operational and ensure mission success

PREPARE FOR THE UNPREDICTABLE

Product reliability in field, particularly in harsh environments, is paramount to the success of critical missions. That's why we made on-the-go serviceability a priority when designing and developing the Reach X. In the event of a joint failure a single spare can be used to swap out the broken module in a matter of minutes without special tools or training. Common joint architecture along the Reach X manipulator mean all joints are replaceable with just a few different spares on hand.

The Reach X Spares and Service Kit includes both high-speed and high-torque joints, as well as the tools and accessories required to make repairs and rapid configuration changes as necessary. Reduce costs associated with holding a full system spare and increase your operational efficiency today.



• Vacuum Items:

(Spare valves and tools to help pull vacuum on the joint if it lost any pressure during the module swap)

- ① YT-0673 Yato Vacuum Pump x 1
- ① Vacuum Hose (10mmx395mm) x 1
- ① RS1J-201 (Vacuum Port Hose Connection) x 1
- ⑧ RS1-319 (Sealing Screw) x 5
- ⑧ 9452K110 (Vacuum Port O-Ring) x 5
- ⑧ Alpha Duckbill Valve Assembly x 5

• Parts:

(Spare components if any are lost)

- ⑤ RR USB w/ module swap documentation
- ⑪ Jaw Bayonet Piston Ring
- ⑫ Interconnect O-rings
- ⑬ Spare module connection Bolts x 6

• Tools:

(All the drivers and tools needed to swap a joint and perform basic maintenance)

- ④ Wera Torque Driver x 1
- ⑥ Wera Hex Key 2.5mm 118094 (Hex Driver) x 1
- ⑦ Wera Torx bit (Alpha vac screw) x 1
- ⑭ RS2J-1028 (Bravo Piston Ring Tool) x 1

• Greases:

(Can be applied to bolts and O-rings if they need to be replaced)

- ⑨ Silicon Grease Tube x 1
- ⑩ Marine Grease Tube x 1

• Joints:

(One spare high torque joint, and one spare high speed)

- ② 14-1001 HT Joint x 1
- ③ 14-1002 HS Joint x 1