

Confidential

JAPAN ENGINE CORPORATION

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(1/3)

Subject : Japan Engine Corporation Available technical service of each Authorized Repair Agent (ARA)	Application	UEC Diesel Engine
	Type	All UEC
	No.	USI-10016E Rev.9
		If necessary

Japan Engine Corporation (J-Eng) has ARAs worldwide in order to carry out on board maintenance work and main engine parts repair & reconditioning work correctly & properly for UEC Diesel Engines.

However, since each ARA has different activity field and it is difficult to notify each ARA's speciality, J-ENG has categorized and provided the technical service map of ARA based on the contract with them.

The available technical service/support of ARAs are shown on the attached tables as general work items except turbocharger (Please refer to the following items). Therefore, as for the detailed available services, please contact an ARA directly.

In case of ordering from ARA for parts repair, please confirm the availability of the repair in advance. Because the special technique and knowledge is necessary for the main engine parts repair job, and the available parts of repair are different according to each ARA's ability.

This table shows ARA availability as of Oct. 2021. The table could be revised according to each ARA's availability hereafter without any notice. As for the latest information, please contact J-Eng.

- ① Overhauling, inspection and maintenance work on board
 - Overhauling parts related combustion chamber and the concerning works
 - Overhauling all kinds of bearing and the concerning works
 - Overhauling fuel pumps and adjustment works
 - Other general works
- ② Main engine parts repair
 - Maintenance for fuel injection valve (nozzle tip)
 - Maintenance for cylinder lubricating stud (cylinder lubricating oil valves)
 - Maintenance for fuel pump (lapping of holder seat)
 - Repair for exhaust valves (spindle and seat)
 - Repair for cylinder cover
 - Repair for piston head
 - Repair for other general parts

As for the piston head Inconel coating (anti-corrosion material) and piston rod repair, please contact us (J-Eng).

As for the ARA contact address, please refer to the following home page (link to ARA).

Home Page : <https://www.j-eng.co.jp/en/afterservice/ara/index.html>

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Plan record	Newly issued 9th Mar. 2018 T.Y, D.Y, N.J MSI-1455 Rev.8 (24th Jan.2017) Rev.5 1st Mar. 2021 K.Y, H.H, D.Y Rev.6 31st Mar. 2021 K.Y, H.H, D.Y Rev.7 20th May 2021 K.Y, H.K, D.Y Rev.8 7th Jul. 2021 K.Y, H.K, D.Y Rev.9 29th Oct. 2021 K.Y, H.H, H.K	Approved	<i>K. Yoshida</i>	SERVICE ENGINEERING DEPARTMENT
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		Designed	<i>H. Katayama</i>	DATE OF REVISED: 29th Oct. 2021

Available Technical Service/Support by Authorized Repair Agent (ARA) (1/2)

29th Oct. 2021

	On Board Work	Parts Repair and Reconditioning Work					
		Fuel Nozzle Tip	Cyl. Lub. Oil Valve	Fuel Pump (Holder seat)	Exh. Valve	Cyl. Cover	Piston Head
Europe							
Bulgaria							
	ReTech SD Ltd.	—	—	—	○	○	○
Germany							
	Scan Motoren Handels und Service GmbH	○	—	—	—	—	—
Greece							
	Metlokast Hellas L.T.D	○	○	—	○	○	○
Italy							
	La Meccanica Turbo Diesel S.r.l.	—	—	○	—	—	—
Netherlands							
	Fuji Trading (Marine) B.V.	○	—	—	—	—	—
	Goltens Rotterdam B.V.	○	—	—	○	○	○
Poland							
	Cassiopeia Ltd.	○	—	—	—	—	—
Turkey							
	Master Makina Ltd.	○ * *	○	○	○	○	○
Middle East							
United Arab Emirates							
	Albwady Marine Engineering (LLC)	○	—	—	—	—	—
	Diesel Marine International Dubai (LLC)	—	—	—	○	○	○
	Goltens Co. Ltd. Dubai Branch	○	○	—	○	○	○
	Nico International U.A.E.	○	—	—	—	—	—
Asia							
China							
	Azuma Engineering (Shanghai) Co., Ltd.	—	—	—	—	—	○
	Diesel Marine Dalian Ltd Nantong Branch	—	—	—	○	○	○
	Fischer Engineering Co., Ltd.	○	—	—	—	—	—
	Goltens Shanghai Co., Ltd.	○	○	—	○	○ seat only	○
	Ningbo Diesel Marine Services Co., Ltd.	—	—	—	○	○	○
	Shanghai Henry Marine Service Co.,Ltd.	○	—	—	—	—	—
	Toei Engineering (Shanghai) Co., Ltd.	—	—	—	○	○	○
	WinKong Marine Engineering Co., Ltd.	○	—	○	○	○	○

○ : Available

— : Not available

○ * : Helical & Roll process available for Piston thread part

○ * * : Dock S/V available

Available Technical Service/Support by Authorized Repair Agent (ARA) (2/2)

29th Oct. 2021

	On Board Work	Parts Repair and Reconditioning Work					
		Fuel Nozzle Tip	Cyl. Lub. Oil Valve	Fuel Pump (Holder seat)	Exh. Valve	Cyl. Cover	Piston Head
Asia							
Japan							
Azuma Machinery Co.,Ltd.	—	○	—	○	—	—	—
Azuma Kako Co., Ltd.	—	○ [#]	—	○ [#]	○	○	○
Hakuyo Seiko Co., Ltd.	—	○	○	○	—	—	—
Polestar Marine Engineering Co. Ltd.	—	—	—	—	○	○	○
Spindle Giken Co., Ltd.	—	○	○	○	—	—	—
Toei Engineering Co., Ltd.	○ * *	—	—	—	○	○	○
Singapore							
AC Marine Pte Ltd.	○ * *	—	—	—	—	—	—
Azuma Engineering (S) Pte. Ltd.	—	○	—	○	○	○	○*
Brightsun Marine Pte Ltd.	—	—	—	—	○	○	○
Daikai Engineering Pte. Ltd.	○	—	—	—	—	—	—
Goltens Singapore Pte. Ltd.	○	—	—	○	—	—	—
Goltens Toei Singapore Pte. Ltd.	—	—	—	—	○	○	○
Spindle Giken (S) Pte. Ltd.	○	○	○	○	—	—	—
South Korea							
Jonghap Polestar Engineering Co. Ltd.	—	—	—	—	○	○	○
Taiwan							
Azuma Engineering Ltd.	—	○	—	—	○	○	○
North America							
Canada							
Marine Tech Industries Ltd.	○	—	—	—	○	—	○
United States of America							
Goltens Service Co., Inc. Miami	○	○	○	—	○	○	○
Motor-Services Hugo Stamp, Inc.	○	—	—	—	○	○	—
United World Enterprise, Inc.	○ * *	—	—	—	—	—	—
South America							
Brazil							
Metalock Brasil Ltda.	○	—	—	—	○	○	○

○ : Available

— : Not available

○* : Helical & Roll process available for Piston thread part

○* * : Dock S/V available

 ○[#] : Under application