

2 Stroke Engine Services

Engine section	Engine type	Ref.	Date	Issue	Document no.	Page
	RTA and RT-flex engines	2-stroke	24.03.2022	2	RT-210_A1 Appendix 1	1(10)

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1 Introduction

This Appendix 1 is part of the Spare Parts Notice (SPN) RT-210 entitled “Piston head retrofit and remanufacturing”.

2 Ordering information for tensioning device**Table 1: Order number for the new piston ring tensioning device**

SPC Number	Part Name
94338B	Piston ring tensioning device (for straight-cut and gas-tight piston rings)

3 Ordering information

3.1 Ordering information for RTA96 and RT-flex96 engines

Table 2: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA96C RTA96C-B	D 34450	new piston head, top piston ring, piston rings
RTA96C RTA96C-B	D 34453	remanufactured piston head, top piston ring, piston rings
RTA96C RTA96C-B	D 34451	new piston head, top piston ring, piston rings, new piston ring tensioning device
RTA96C RTA96C-B	D 34452	remanufactured piston head, top piston ring, piston rings, new piston ring tensioning device

Table 3: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA96C RTA96C-B	D 34070	D 34071	D 34436	D 34428

Table 4: Order numbers for available spare part kits

Engine type	SPC Number	Description
RT-flex96C-B	DF 34450	new piston head, top piston ring, piston rings
RT-flex96C-B	DF 34453	remanufactured piston head, top piston ring, piston rings
RT-flex96C-B	DF 34451	new piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex96C-B	DF 34452	remanufactured piston head, top piston ring, piston rings, new piston ring tensioning device

Table 5: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RT-flex96C-B	DF 34070	DF 34071	DF 34436	DF 34428

3.2 Ordering information RTA84T and RT-flex84T engines

Table 6: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA84T	SPW 34101	remanufactured piston head, top piston ring, piston rings, tensioning device
RTA84T-B RTA84T-D	SPB 34101	
RT-flex84T-D	SPBF 34101	
RTA84T	SPW 34100	remanufactured piston head, top piston ring, piston rings
RTA84T-B RTA84T-D	SPB 34100	
RT-flex84T-D	SPBF 34100	

Table 7: Order numbers for available single spare parts

Engine type	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA84T	SPW 34102	SPW 34103	SPW 34104
RTA84T-B RTA84T-D	SPB 34102	SPB 34103	SPB 34104
RT-flex84T-D	SPBF 34102	SPBF 34103	SPBF 34104

3.3 Ordering information RTA84C and RTA84C-U engines

Table 8: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA84C RTA84C-U	SPC 34101	remanufactured piston head, top piston ring, piston rings, tensioning device
RTA84C *RTA84C-U	SPC 34100	remanufactured piston head, top piston ring, piston rings

Table 9: Order numbers for available single spare parts

Engine type	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA84C *RTA84C-U	SPC 34102	SPC 34103	SPC 34104

*RTA84C-U => Due to different versions, please check for correct amount of cooling bores

3.4 Ordering information RTA72 engines

Table 10: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA72U-B	SPA 34301	remanufactured piston head, top piston ring, piston rings, tensioning device
RTA72U-B	SPA 34302	remanufactured piston head, top piston ring, piston rings
RTA72 RTA72U	SPZ 34101	remanufactured piston head, top piston ring, piston rings, tensioning device
RTA72 RTA72U	SPZ 34100	remanufactured piston head, top piston ring, piston rings

Table 11: Order numbers for available single spare parts

Engine type	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA72U-B	SPA 34300	SPA 34103	SPA 34104
RTA72 RTA72U	SPZ 34102	SPZ 34103	SPZ 34104

3.6 Ordering information for RTA68 and RT-flex68 engines

Table 12: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA68-B	Q 34455	new piston head, top piston ring, piston rings
RT-flex68-B	MF 34451	
RT-flex68-D_V0	MF 34451	
RT-flex68-D_V1	PF 34451	
RT-flex68-D_L	SPUF 34100	
RTA68-B	Q 34457	remanufactured piston head, top piston ring, piston rings
RT-flex68-B	MF 34453	
RT-flex68-D_V0	MF 34453	
RT-flex68-D_V1	PF 34453	
RT-flex68-D_L	SPUF 34105	
RTA68-B	Q 34454	new piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex68-B	MF 34450	
RT-flex68-D_V0	MF 34450	
RT-flex68-D_V1	PF 34450	
RT-flex68-D_L	SPUF 34101	
RTA68-B	Q 34456	remanufactured piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex68-B	MF 34452	
RT-flex68-D_V0	MF 34452	
RT-flex68-D_V1	PF 34452	
RT-flex68-D_L	SPUF 34106	

Table 13: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA68-B	Q 34065	Q 34071	Q 34431	Q 34428
RT-flex68-B	MF 34065	MF 34071	MF 34428	MF 34427
RT-flex68-D_V0	MF 34065	MF 34071	MF 34428	MF 34427
RT-flex68-D_V1	PF 34065	PF 34071	PF 34428	PF 34427
RT-flex68-D_L	UF 34065	UF 34071	UF 34428	UF 34427

3.7 Ordering information RTA62 engines

Table 14: Order numbers for available spare part kits

Engine type	SPC Number	Description
RTA62	SPZ 34111	remanufactured piston head, top piston ring, piston rings, tensioning device
RTA62U	SPZ 34111	
RTA62U-B	SPA 34111	
RTA62	SPZ 34110	remanufactured piston head, top piston ring, piston rings
RTA62U	SPZ 34110	
RTA62U-B	SPA 34110	

Table 15: Order numbers for available single spare parts

Engine type	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA62	SPZ 34112	SPZ 34113	SPZ 34114
RTA62U	SPZ 34112	SPZ 34113	SPZ 34114
RTA62U-B	SPA 34112	SPA 34113	SPA 34114

3.8 Ordering information RT-flex60 engines

Table 16: Order numbers for available spare part kits

Engine type	SPC Number	Description
RT-flex60C RT-flex60C-B	SPNF 34101	remanufactured piston head, top piston ring, piston rings, tensioning device
RT-flex60C RT-flex60C-B	SPNF 34100	remanufactured piston head, top piston ring, piston rings

Table 17: Order numbers for available single spare parts

Engine type	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RT-flex60C RT-flex60C-B	SPNF 34102	SPNF 34103	SPNF 34104

3.9 Ordering information for RTA58 and RT-flex58 engines

Table 18: Order numbers for available spare part kits

Engine type	SPC Number	Description
RT-flex58T-B	OF 34451	new piston head, top piston ring, piston rings
RT-flex58T-D_V0	OF 34451	
RT-flex58T-D_V1	OF 34451	
RT-flex58T-D_V2	SPGF 34100	
RT-flex58T-E	SPCF 34100	
RTA58T	SPW 34300	
RTA58T-B	SPQ 34100	
RTA58T-D	SPQ 34100	
RT-flex58T-B	OF 34453	remanufactured piston head, top piston ring, piston rings
RT-flex58T-D_V0	OF 34453	
RT-flex58T-D_V1	OF 34453	
RT-flex58T-D_V2	SPGF 34105	
RT-flex58T-E	SPCF 34105	
RTA58T	SPW 34305	
RTA58T-B	SPQ 34105	
RTA58T-D	SPQ 34105	
RT-flex58T-B	OF 34450	new piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex58T-D_V0	OF 34450	
RT-flex58T-D_V1	OF 34450	
RT-flex58T-D_V2	SPGF 34101	
RT-flex58T-E	SPCF 34101	
RTA58T	SPW 34301	
RTA58T-B	SPQ 34101	
RTA58T-D	SPQ 34101	
RT-flex58T-B	OF 34452	remanufactured piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex58T-D_V0	OF 34452	
RT-flex58T-D_V1	OF 34452	
RT-flex58T-D_V2	SPGF 34106	
RT-flex58T-E	SPCF 34106	
RTA58T	SPW 34306	
RTA58T-B	SPQ 34106	
RTA58T-D	SPQ 34106	

Table 19: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RT-flex58T-B	OF 34065	OF 34071	OF 34422	OF 34423
RT-flex58T-D_V0	OF 34065	OF 34071	OF 34422	OF 34423
RT-flex58T-D_V1	OF 34065	OF 34071	OF 34422	OF 34423
RT-flex58T-D_V2	SPGF 34102	SPGF 34107	GF 34422	GF 34423
RT-flex58T-E	SPCF 34102	SPCF 34107	CF 34422	CF 34423
RTA58T	SPW 34302	SPW 34307	SPW 34303	SPW 34304
RTA58T-B	SPQ 34102	SPQ 34107	SPQ 34103	SPQ 34104
RTA58T-D	SPQ 34102	SPQ 34107	SPQ 34103	SPQ 34104

3.10 Ordering information RT-flex50 engines

Table 20: Order numbers for available spare part kits

Engine type	SPC Number	Description
RT-flex50 RT-flex50-B RT-flex50-D	IF 34450	new piston head, top piston ring, piston rings
RT-flex50 RT-flex50-B RT-flex50-D	IF 34451	new piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex50 RT-flex50-B RT-flex50-D	IF 34452	remanufactured piston head, top piston ring, piston rings, new piston ring tensioning device
RT-flex50 RT-flex50-B RT-flex50-D	IF 34453	remanufactured piston head, top piston ring, piston rings

Table 21: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RT-flex50 RT-flex50-B RT-flex50-D	IF 34070	IF 34066	IF 34424	IF 34423

3.11 Ordering information RTA48T-B, RTA48T-D and RT-flex48T-D engines

Table 22: Order numbers for available single spare parts

Engine type	New Piston Head	Remanufactured Piston Head	Top Piston Ring	Piston Rings
RTA48T-B	Q 34065	SPQ 34207	Q 34427	Q 34426
RTA48T-D	Q 34065	SPQ 34207	Q 34427	Q 34426
RT-flex48T-D	EF 34060	SPEF 34207	EF 34426	EF 34427

4 Ordering piston rings – additional information

For every unit conversion, the spare parts package/kit needs to be ordered, except the piston ring tensioning device, which is to be ordered once only.

It contains: piston head (new or remanufactured), top piston ring, piston rings and a new piston ring tensioning device.

5 Contacts

5.1 How to contact Wärtsilä

For services, spare parts and/or tools, please contact your nearest Wärtsilä representative or log in to Wärtsilä Online: wartsila.com/wartsila-online.

If you do not have the contact details at hand, please follow the link: wartsila.com/contact.

5.2 Contact details for emergency issues

For emergency issues, please use the following phone number:

24hrs phone number: +41 52 550 01 11.

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