

ROTAX ENGINE



Rotax 914 turbo(115Hp)



Rotax 912 ULS(100Hp)



Rotax 912 UL(80Hp)



Rotax 582 UL



Rotax 503



ROTAX 914 / 115HP



DESCRIPTION

- 4-cylinder
- 4-stroke liquid/air-cooled engine with opposed cylinders
- with turbo charger
- with automatic waste gate control
- dry sump forced lubrication with separate oil tank
- automatic adjustment by hydraulic valve tappet
- 2 carburetors
- dual electronic ignition
- electric starter
- propeller speed reduction unit
- engine mount assembly
- air intake system
- exhaust system

FACTS

The turbo charged Rotax 914 series offers more performance at high altitudes while keeping weight at a low level. This series offers a time between overhauls of 2.000 hrs and is available as certified (Rotax 914 F) according to FAR 33 and JAR-E and non-certified version (Rotax 914 UL).

ENGINE DATA

WEIGHT	kg	lb
engine with propeller speed reduction unit i = 2,43	64.0	140.8
exhaust system	4.0	8.8
engine suspension frame	2.0	3.7
overload clutch	1.7	3.7
external alternator	3.0	6.6
air guide hood	0.8	1.8

VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	ft. lb.	1/min	Nm	ft. lb.	1/min	1/min
914 UL ¹⁾ /F ²⁾	84.5	115	5800	144	106	4900	5800

Limited for max. 5 min.

BORE		STROKE		DISPLACEMENT		FUEL
79.5 mm	3.13 in	61 mm	2.4 in	1211.2 cm ³	73.91 cu. in.	min. MON 85 RON 95* min. AKI 91*

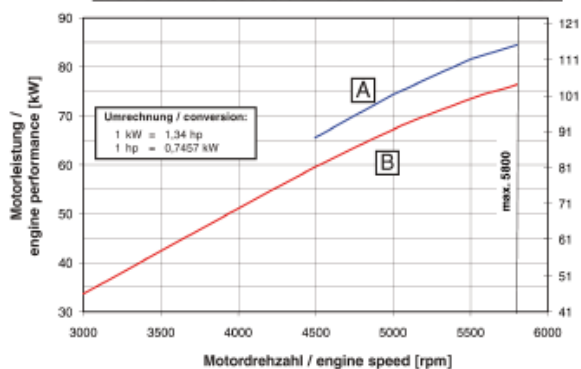
* leaded or unleaded or AVGAS 100LL

1) UL = non certified

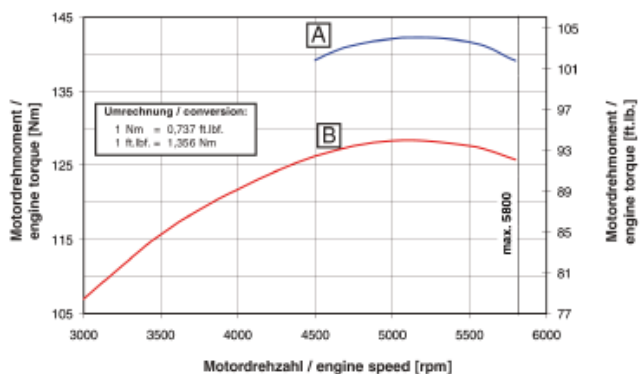
2) F = certified acc. to FAR 33 and JAR-E

Picture: 914 UL - DCDI with options

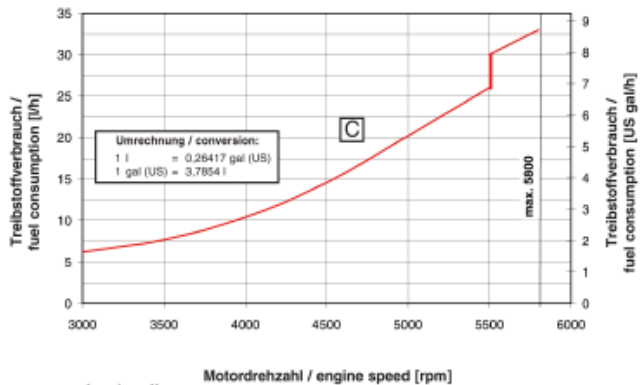
MOTORLEISTUNG / ENGINE PERFORMANCE



MOTORDREHMOMENT/ ENGINE TORQUE



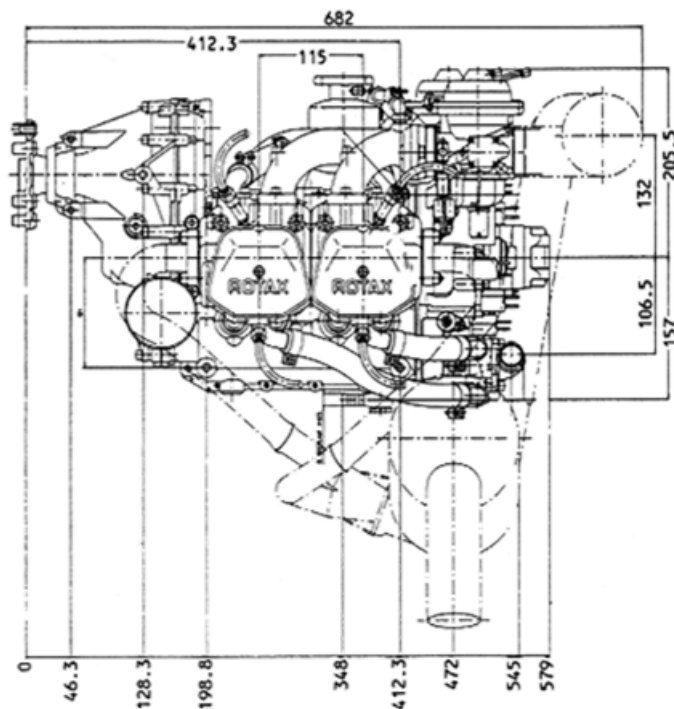
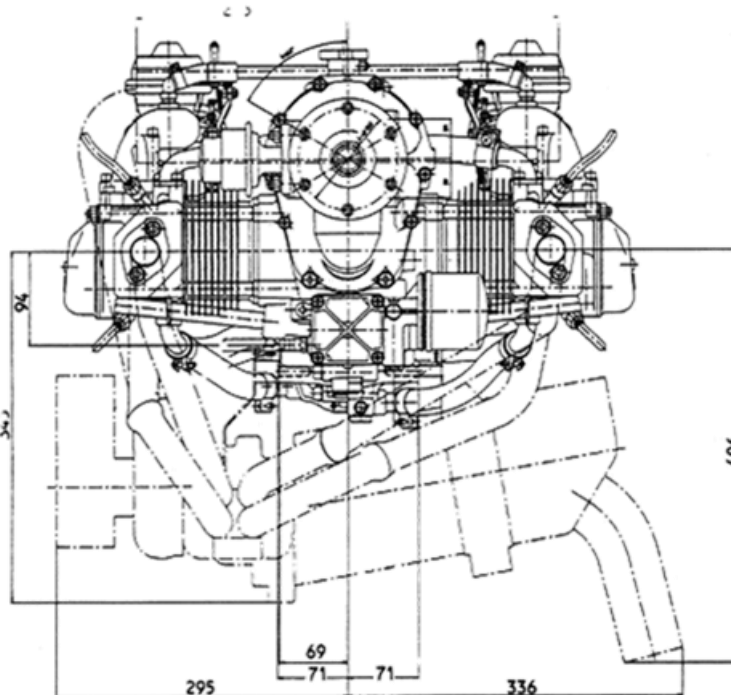
TREIBSTOFFVERBRAUCH / FUEL CONSUMPTION



- A: take off
B: max continue
C: propeller curve

ultralight uncertified aircraft only and only in circumstances in which an engine failure will not compromise safety.
*s manual. Information is available from your local authorized ROTAX®-distributor.

owertrain GmbH & Co. KG reserves the right at anytime to discontinue or change specifications, prices, designs, featur
gine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.



ROTAX 912 (ULS/S) /100hp



DESCRIPTION

- 4-cylinder
- 4-stroke liquid/air-cooled engine with opposed cylinders
- dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappet
- 2 carburetors
- mechanical fuel pump
- dual-electronic ignition
- electric starter
- propeller speed reduction unit
- air intake system

FACTS

In comparison to the 80 hp version of the Rotax 912 series the 100 hp product line offers more power while keeping the weight. This engine series offers a time between overhauls of 2.000 hrs and the best power to weight ratio in its class - no surprise that this engine is the best selling 4-stroke engine. This series is available as non-certified (Rotax 912 ULS) and certified engine (Rotax 912 S) according to FAR33.

ENGINE DATA

WEIGHT	kg	lb
engine with propeller speed reduction unit i = 2.43	56.6	124.5
overload clutch	1.7	3.7
exhaust system	4.0	8.8
external alternator	3.0	6.6
engine suspension frame	2.0	4.4
air guide hood	0.8	1.8
airbox	1.3	2.8

VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	ft. lb.	1/min	Nm	ft. lb.	1/min	1/min
912 ULS ¹⁾ /S ²⁾	73.5	100	5800	128	94	5100	5800

Limited for max. 5 min.

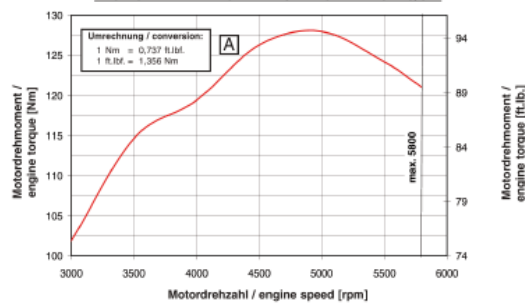
BORE		STROKE		DISPLACEMENT		FUEL
84 mm	3.31 in	61 mm	2.4 in	1352 cm ³	82.6 cu. in.	min. MON 85 RON 95* min. AKI 91*

* leaded, unleaded, AVGAS 100LL or Ethanol 10

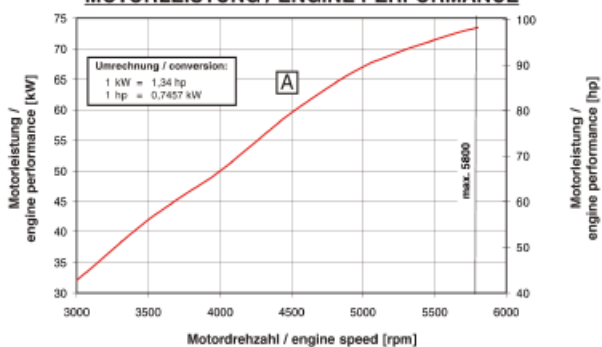
- 1) ULS = non certified
- 2) S = certified acc. to FAR 33

Picture: 912 ULS - DCDI with options

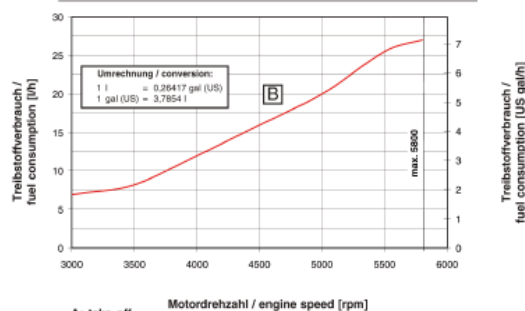
MOTORDREHMOMENT/ ENGINE TORQUE



MOTORLEISTUNG / ENGINE PERFORMANCE



TREIBSTOFFVERBRAUCH / FUEL CONSUMPTION



A: take off
B: propeller curve

ROTAX 912 (UL/A/F) /80hp



DESCRIPTION

- 4-cylinder
- 4-stroke liquid/air-cooled engine with opposed cylinders
- dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappet
- 2 carburetors
- mechanical fuel pump
- dual electronic ignition
- electric starter
- propeller speed reduction unit

FACTS

This series was BRP's first Rotax engine dedicated for aircraft application only. The Rotax 912 series is well regarded for its reliability and efficiency and is primarily targeted as the entry level engine in the light aviation industry. The 80 hp version of the Rotax 912 series offers a time between overhauls of 2.000 hours and is available as non-certified (Rotax 912 UL) as well as certified version according to FAR 33 (Rotax 912 F) and JAR 22 (Rotax 912 A).

ENGINE DATA

WEIGHT	kg	lb
engine with propeller speed reduction unit i = 2.27 (opt i = 2.43)	55.4	122.0
overload clutch	1.7	3.7
exhaust system	4.0	8.8
external alternator	3.0	6.6
engine suspension frame	2.0	4.4
air guide hood	0.8	1.8
airbox	1.3	2.8

VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	ft. lb.	1/min	Nm	ft. lb.	1/min	1/min
912 UL ¹⁾ /F ²⁾ /A ³⁾	59.6	80	5800	103	75.9	4800	5800

Limited for max. 5 min.

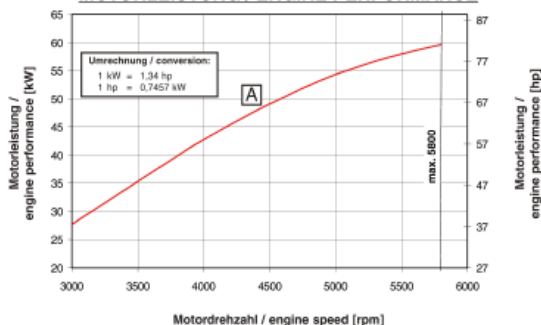
BORE		STROKE		DISPLACEMENT		FUEL
79.5 mm	3.13 in	61 mm	2.4 in	1211.2 cm ³	73.91 cu. in.	min. MON 83 RON 91* min. AKI 87*

* leaded, unleaded, AVGAS 100LL or Ethanol 10

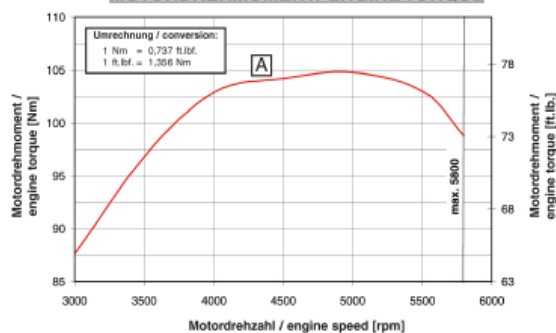
- 1) UL = non certified
- 2) F = certified acc. to FAR 33,
- 3) A = certified acc. to JAR 22

Picture: 912 UL - DCDI with options

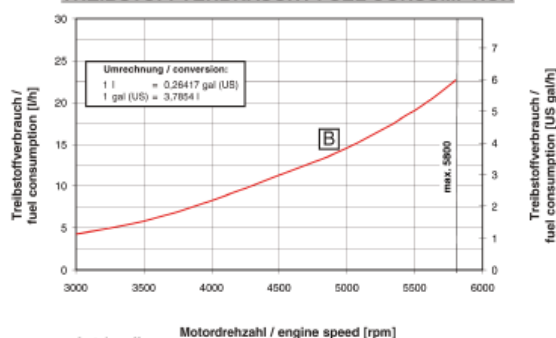
MOTORLEISTUNG / ENGINE PERFORMANCE



MOTORDREHMOMENT/ ENGINE TORQUE



TREIBSTOFFVERBRAUCH / FUEL CONSUMPTION



A: take off
B: propeller curve

ROTAX 912 (iS/iSc Sport) /100hp



Picture: 912 iS Sport with options

DESCRIPTION

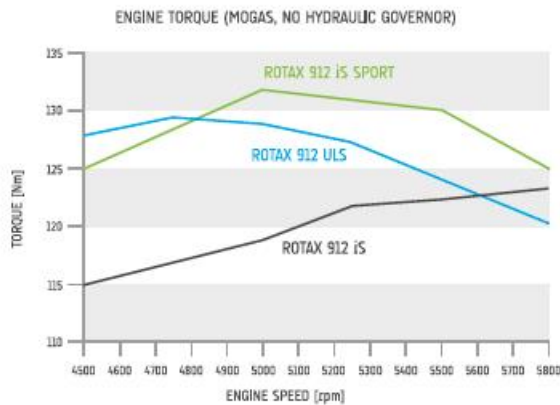
- 4-cylinder
- 4-stroke liquid-/air-cooled engine with opposed cylinders
- Dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappets
- Redundant electronic fuel injection
- Engine management system
- Electric starter
- Propeller speed reduction gearbox
- Air intake system

FACTS

Based on the proven concept of the Rotax 912 S/ULS engine, the new 912 iS Sport engine offers all well known advantages of the Rotax 4-stroke engine series complemented by additional features, for example, the engine management system. The complete package presents the latest technology in the aircraft engine industry and will enhance the flying and ownership experience of pilots.

The Rotax 912 iS Sport engine offers a TBO (time between overhauls) of 2,000 hrs.

ENGINE DATA



WEIGHT	kg	lb
Engine with propeller speed reduction unit i = 2.43 with overload clutch	63.6	140.2
Exhaust system	4.8	10.5
Air guide hood	0.4	0.8
External alternator	3.0	6.6
Fuel pumps assy	1.6	3.5
Engine mount	2.0	4.4

VERSION 912 iS¹⁾ / iSc²⁾ Sport

PERFORMANCE		
73.5 kW	100 hp	5800 1/min
72.0 kW**	98 hp	5500 1/min
68.0 kW	92.5 hp	5000 1/min
TORQUE		
121 Nm	89 ft. lb.	5800 1/min
125 Nm	92 ft. lb.	5500 1/min
132 Nm***	97 ft. lb.	5000 1/min
MAX RPM*		5800 1/min

* Limited for max. 5 min.

** Max. continuous power at 5500 1/min

*** MOGAS, no hydraulic governor

BORE		STROKE	
84.0 mm	3.31 in	61.0 mm	2.4 in
DISPLACEMENT		FUEL	
1352 cm ³	82.6 cu in	min. MON 85 RON 95* min. AKI 91*	

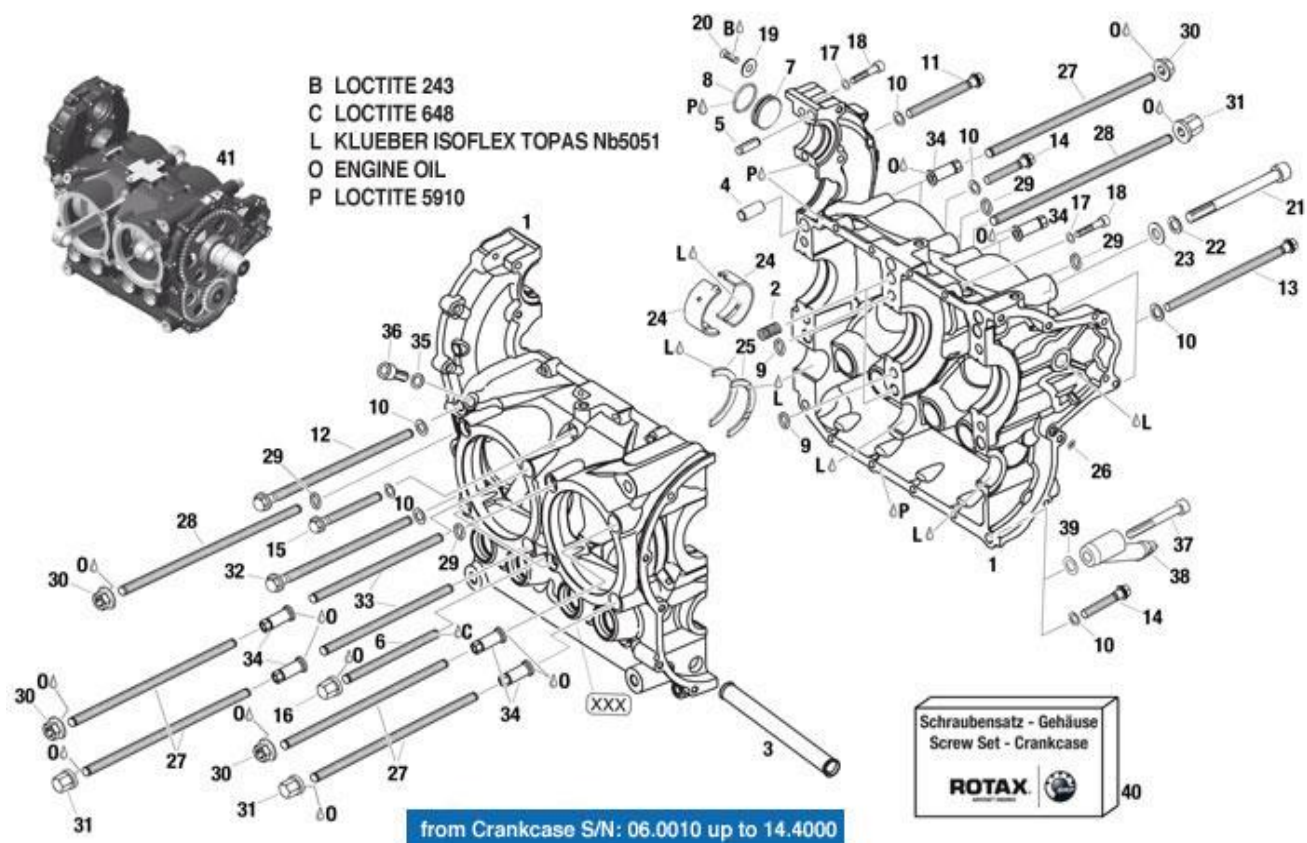
* leaded, unleaded, AVGAS 100LL or E10

1) iS = non-certified

2) iSc = certified acc. to CS-E
available after receipt of type certificate

☆ROTAX 912. 914 4Cycle Parts

★CRANKCASE PARTS 06.0010 UP TO 14.4000



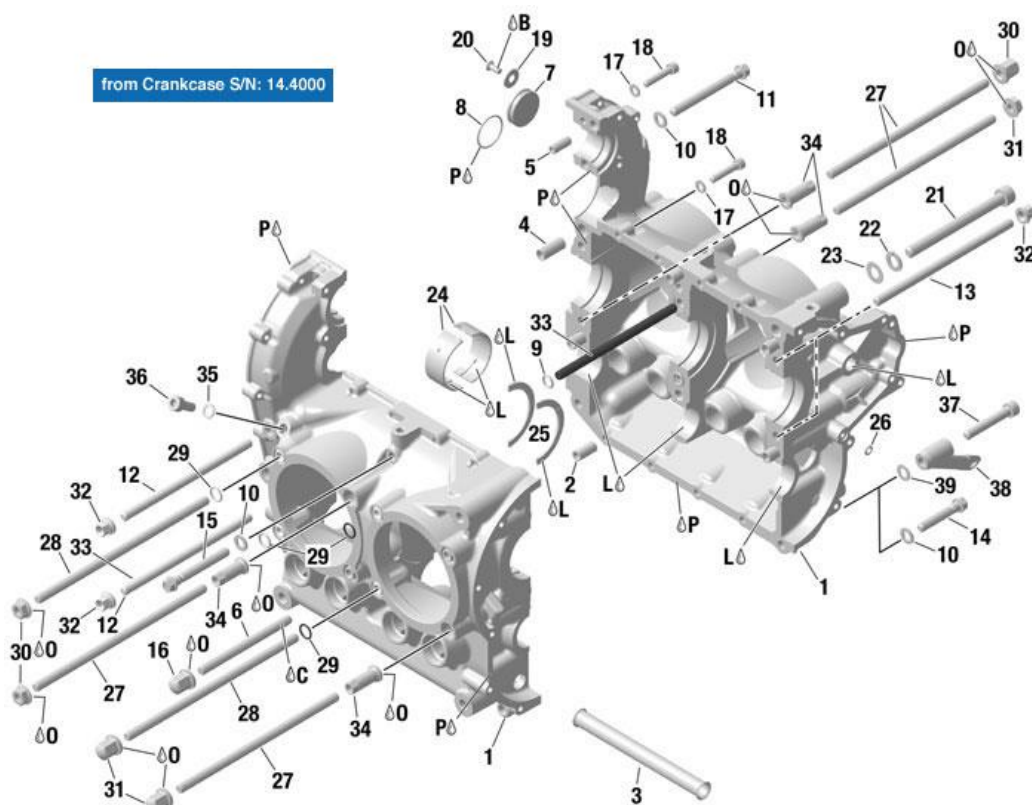
No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		892-653	CRANKCASE SET	1hf	1hf	1hf
3		924-451	OIL TUBE	1	1	1
4		929-951	DOWEL 10.8X25	5	5	5
5		929-845	PIN D8X20	1	1	1
6		840-191	STUD M8X105 / TORQUE: 8 NM / 70 IN.LB.	1	1	1
7		944-222	1 BLINDING SHIM	1b	1b	1b
8		430-061	O-RING 26.7x1.8	1b	1b	1b
9		850-902	O-RING 9X2	2i	2i	2i
10		944-131	WASHER 8	8f	8f	8f
11		840-061	ALLEN SCREW M8X80	1	1	1
12		840-091	HEX. COLLAR SCREW M8X140 / TORQUE: 15 NM +270° / 135 IN.LB. +270°	1	1	1
13		840-101	HEX. COLLAR SCREW M8X150	2	2	2
14		940-071	HEX. SCREW M8X45 / TORQUE: 30 NM / 22 FT.LB. (SEE NOTE BELOW)	2	2	2
15		440-406	HEX. COLLAR SCREW M8X65	1	1	1
16		842-471	COLLAR CAP NUT M8	1	1	1
17	s.v.	945-751	LOCK WASHER A6	9	9	9
17	N	827-961	WASHER 6.4	9	9	9
18		840-887	9 ALLEN SCREW M6X30 / TORQUE: 12 NM / 105 IN.LB.	9	9	9
19		227-280	THRUST WASHER	1	1	1
20		940-315	COUNTERSUNK SCREW M5X12	1	1	1
21		941-487	ALLEN SCREW M10X110 / TORQUE: 35 NM / 26 FT.LB.	1	1	1
21		941-557	ALLEN SCREW M10X150 / TORQUE: 40 NM / 30 FT.LB.	(1)	(1)	
22		945-753	LOCK WASHER A10	1	1	1
23		927-410	WASHER 10,5	1	1	1
24	N	933-870	PLAIN BEARING "C"	6cf	6cf	6cf
24	N	933-871	PLAIN BEARING "D"	6df	6df	6df
25	N	933-335	RING HALF	2	2	2
26		831-929	O-RING 5X2	1	1	1
27		840-141	STUD M8X186 / 26 IN.LB.	8	8	8
28		840-171	STUD M8X200 / 26 IN.LB.	8	8	8

FOR CHART BELOW:

- Items not illustrated
- a Marked with S/N
- b Only for model 2 and 4
- c Tolerance group „C“ 1.820 - 1.829 mm
- d Tolerance group „D“ 1.830 - 1.839 mm
- e depending on configuration use 14 studs part no. 840752 M8x201 or 8 studs M8x201 and 6 studs part no. 840754 M8x210.
- f see Overhaul Manual of the respective engine type, current issue.
- g only for use with new cylinders 913221 with countersunk.
- B With the cylinder 913225 the countersunk was already introduced starting from beginning of the production
- h following Service Instruction has to be noticed:
SI-912-019 / current issue
SI-914-021
- i without O-Ring from S/N 06.0010 to 07.5000
2x O-Ring starting with S/N 07.5001
- j 431570 introduced sas per engine S/N as follows:
912 UL: S/N 06.770.893
914 UL: S/N 07.682.596
912 A: S/N 04.410.977
912 S: S/N 04.924.497
912 F: S/N 04.413.018
912 ULS: S/N 06.781.191
914 F: S/N 04.421.170
- k Wrench size A/F 11

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
29		431-570	O-RING 10.82X1.78	8j	8j	8j
29		431-411	GASKET	ARh	ARh	ARh
30	s.v.	842-610	HEX. NUT M8 / TORQUE: 10 NM +180° / 90 IN.LB +120°	8	8	8
32		440-686	HEX. COLLAR SCREW M8X130	1	1	1
33		840-131	STUD M8X138	2	2	2
34		929-116	THREAD SLEEVE M8	8	8	8
35		950-141	GASKET RING A 8x13	1	1	1
36		240-071	ALLEN SCREW M8X20 / TORQUE: 15 NM / 22 FT.LB.	1	1	1
37		440-107	ALLEN SCREW M8X50 / TORQUE: 30 NM / 22 FT.LB.			1f
39		926-400	WASHER 8.4/15/0.5			AR
39		926-401	WASHER 8.4/15/1			AR
39		926-402	WASHER 8.4/15/1.5			AR
40		881-120	SCREW SET-CRANKCASE	1f	1f	1f

from Crankcase S/N: 14.4000



FOR CHART BELOW:
- Items not illustrated
a Only for model 2 and 4
b Tolerance group "C" 1.820 -1.829 mm

B LOCTITE 243
C LOCTITE 648
L KLUEBER ISOFLEX TOPAS Nb5051
O ENGINE OIL
P LOCTITE 5910

current issue



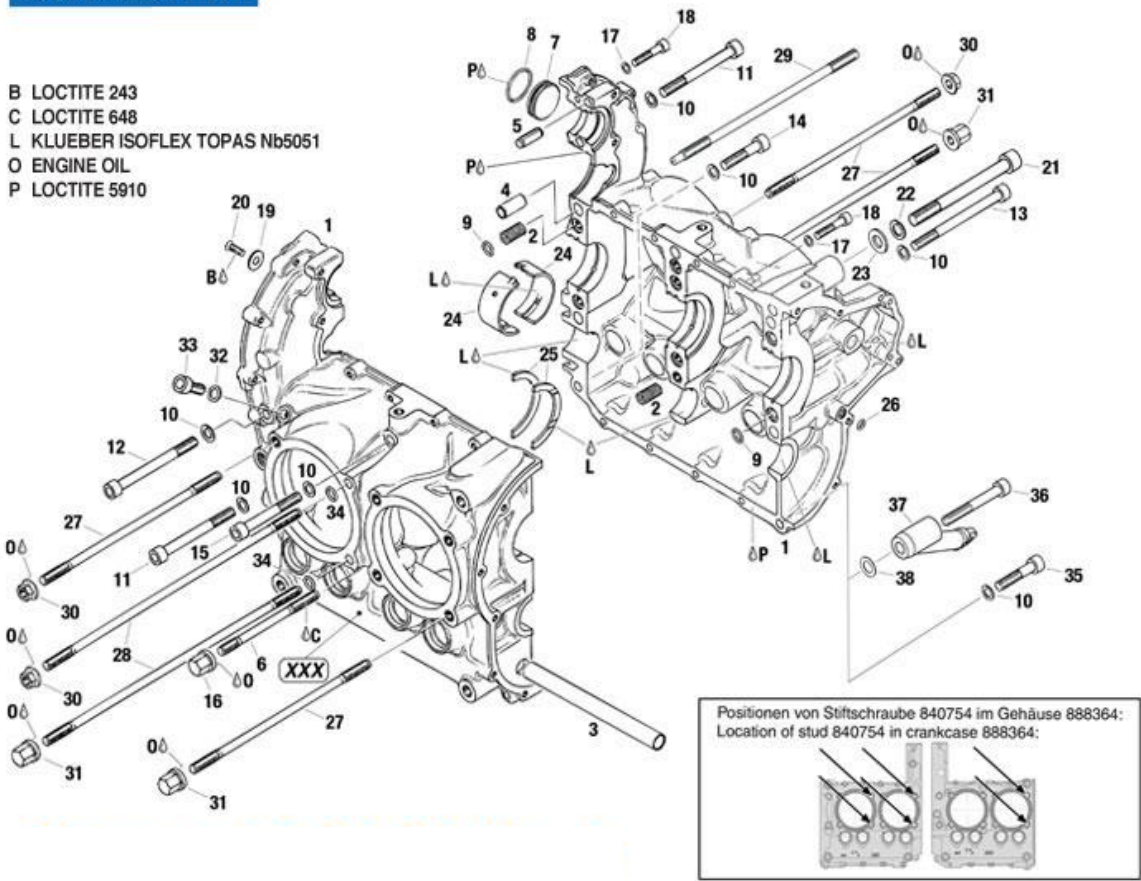
No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
3		924-451	OIL TUBE	1	1	1
4		929-951	DOWEL 10.8X25	5	5	5
5		929-845	PIN D8X20	1	1	1
6		840-191	STUD M8X105 / TORQUE: 8 NM / 70 IN.LB.	1	1	1
7		944-222	1 BLINDING SHIM	1a	1a	1a
8		430-061	O-RING 26.7X1.8	1a	1a	1a
9		850-902	O-RING 9X2	2	2	2
10		944-131	WASHER 8	4d	4d	4d
11		840-061	ALLEN SCREW M8X80	1	1	1
14		940-071	HEX. SCREW M8X45 / TORQUE: 30 NM / 22 FT.LB. (SEE NOTE BELOW)	2	2	2
15		440-406	HEX. COLLAR SCREW M8X65	1	1	1
16		842-471	COLLAR CAP NUT M8	1	1	1
17	s.v.	945-751	LOCK WASHER A6	9	9	9
17	N	827-961	WASHER 6.4	9	9	9
18		840-887	9 ALLEN SCREW M6X30 / TORQUE: 12 NM / 105 IN.LB.	9	9	9
19		227-280	THRUST WASHER	1	1	1
20		940-315	COUNTERSUNK SCREW M5X12	1	1	1

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
21		941-487	ALLEN SCREW M10X110 / TORQUE: 35 NM / 26 FT.LB.	1	1	1
21		941-557	ALLEN SCREW M10X150 / TORQUE: 40 NM / 30 FT.LB.	(1)	(1)	
22		945-753	LOCK WASHER A10	1	1	1
23		927-410	WASHER 10.5	1	1	1
24	N	933-870	PLAIN BEARING "C"	6bd	6bd	6bd
24	N	933-871	PLAIN BEARING "D"	6cd	6cd	6cd
25	N	933-335	RING HALF	2	2	2
26		831-929	O-RING 5X2	1	1	1
27		840-141	STUD M8X186 / 26 IN.LB.	8	8	8
28		840-171	STUD M8X200 / 26 IN.LB.	8	8	8
29		431-570	O-RING 10.82X1.78	8	8	8
30		842-610	HEX. NUT M8 / TORQUE: 10 NM +180° / 90 IN.LB +120°	8	8	8
35		950-141	GASKET RING A 8X13			
36		240-071	ALLEN SCREW M8X20 / TORQUE: 15 NM / 135 IN.LB.	1	1	1
37		440-107	ALLEN SCREW M8X50 / TORQUE: 30 NM / 22 FT.LB.	1	1	1
39		926-400	WASHER 8.4/15/0.5			AR
39		926-401	WASHER 8.4/15/1			AR
39		926-402	WASHER 8.4/15/1.5			AR
40		881-120	SCREW SET-CRANKCASE	1d	1d	1d

★CRANKCASE,CAMSHAFT HYDRAULIC VALVE TAPPETS PARTS

up to crankcase S/N: 27.811

B LOCTITE 243
C LOCTITE 648
L KLUEBER ISOFLEX TOPAS Nb5051
O ENGINE OIL
P LOCTITE 5910

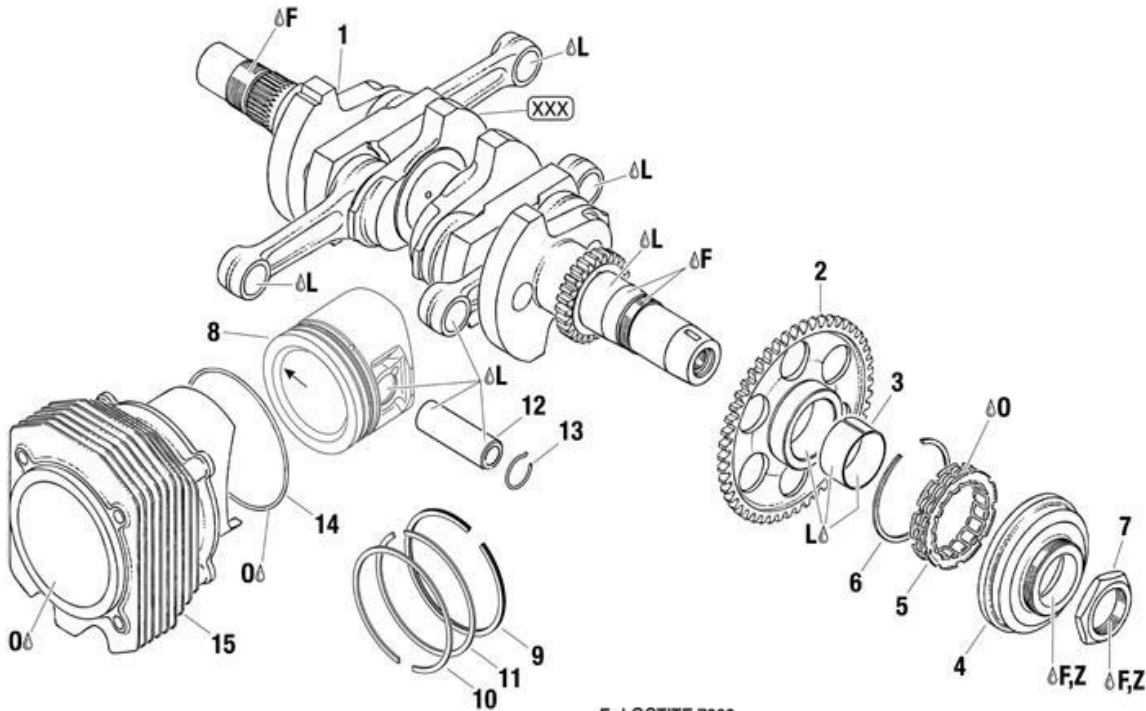


No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
3		924-451	1 OIL TUBE	1	1	1
4		929-951	DOWEL 10.8X25	5	5	5
5		929-845	PIN D8X20	1	1	1
6		840-191	STUD M8X105 / TORQUE: 8 NM / 70 IN.LB.	1f	1f	1f
7		944-222	BLINDING SHIM	1b	1b	1b
8		430-061	O-RING 26.7X1.8	1b	1b	1b
9		850-902	O-RING 9X2	7	7	7
10		945-752	LOCK WASHER A8	8	8	7
12		640-932	ALLEN SCREW M8X90 / TORQUE: 30 NM / 22 FT.LB.	1	1	1
13		440-427	ALLEN SCREW M8X100 / TORQUE: 30 NM / 22 FT.LB.	2	2	2
16		842-471	COLLAR CAP NUT M8 / TORQUE: 30 NM / 22 FT.LB.	1	1	1
17	N	827-961	WASHER 6.4	9	9	9
17	s.v.	945-751	LOCK WASHER A6	9	9	9
18		840-887	9 ALLEN SCREW M6X30 / TORQUE: 12 NM / 105 IN.LB.	9	9	9
19		227-280	THRUST WASHER	1	1	1
20		940-315	COUNTERSUNK SCREW M5X12	1	1	1

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
21		941-487	ALLEN SCREW M10X110 / TORQUE: 35 NM / 26 FT.LB.	1	1	1
21		941-557	ALLEN SCREW M10X150 / TORQUE: 40 NM / 30 FT.LB.	(1)	(1)	
22		945-753	LOCK WASHER A10	1	1	1
23		927-410	WASHER 10,5	1	1	1
24	N	933-327	PLAIN BEARING "C"	6c	6c	6c
24	N	933-871	PLAIN BEARING "D"	6d	6d	6d
25	N	933-335	RING HALF	2	2	2
26		831-929	O-RING 5X2	1	1	1
27		840-752	STUD M8X201 / TORQUE: 3 NM / 26 IN.LB.	14e	14e	14e
28		840-757	STUD M8X291 / TORQUE: 3 NM / 26 IN.LB.	2	2	2
29		840-754	STUD M8X210 / TORQUE: 3 NM / 26 IN.LB.	6e	6e	6e
30	s.v.	842-610	HEX. NUT M8 / TORQUE: 22 NM / 195 IN.LB.	8	8	8
32		950-141	GASKET RING A 8X13	1	1	1
33		240-071	ALLEN SCREW M8X20 / TORQUE: 15 NM / 135 IN.LB.	1	1	1
34		830-415	2G O-RING 7X2	2g	2	2g
36		440-107	ALLEN SCREW M8X50 / TORQUE: 30 NM / 22 FT.LB.			1
38		926-400	WASHER 8.4/15/0.5			AR
38		926-401	WASHER 8.4/15/1			AR
38		926-402	WASHER 8.4/15/1.5			AR

★
ROTAX
912. 914 4Cycle Parts

★
CRANKSHAFT,PISTON,CYLINDER,SPRAG CLUTCH



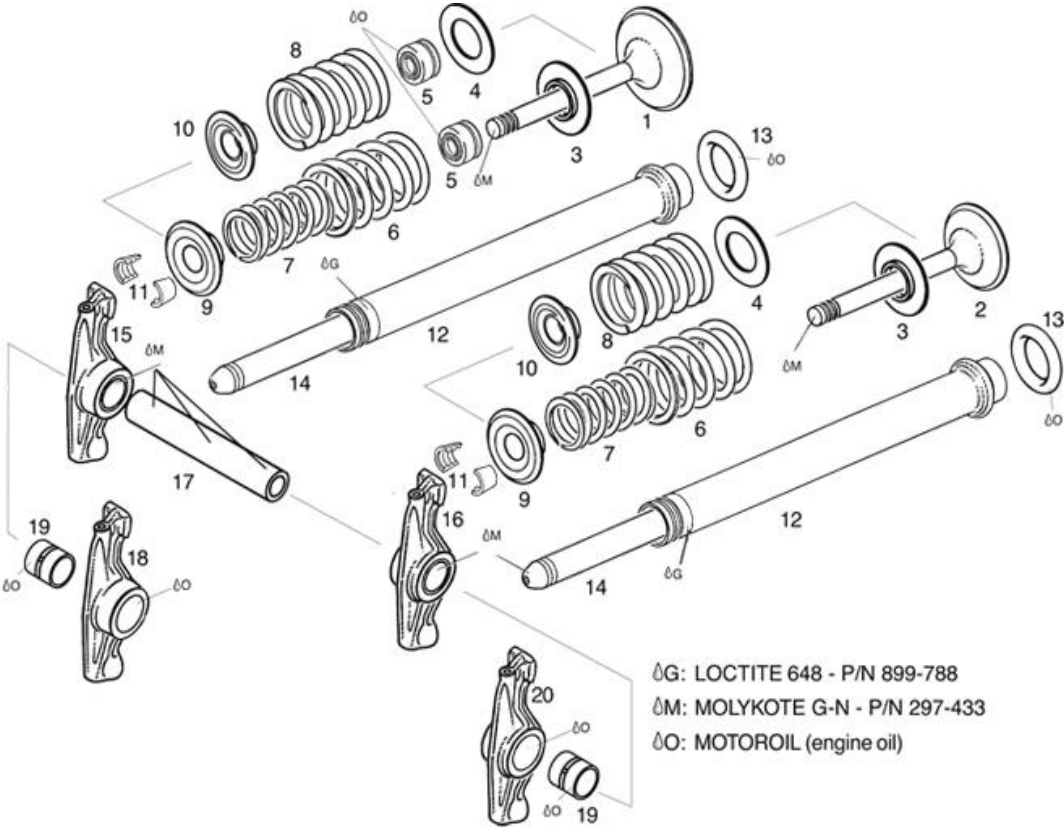
FOR CHART BELOW:

- Items not illustrated
- a red 79.50 mm, green 79.51 mm
- b red 84 mm, green 84.01 mm
- c A 79.50 - 79.512, B 79.513 - 79.524
- d A 84.00 - 84.012, B 84.012 - 84.024
- e at 912 ULS the complete piston with rings has to be exchanged up to S/N 4.425.123
- f "with countersunk for O-ring 830415, introduced as per following engine S/N:
912 UL: 4.403.679
912 ULS: starting with serial production
914 UL: 4.417.868"
- g following Service Letter has to be noticed. SL-912-002/SL-914-002 current issue
- h "introduced as per following engine S/N:
912 UL: 4.409.089
912 ULS: 5.650.835
914 UL: 6.772.727"
- i Balanced piston set, max. differenz 3 g

F . LOCTITE 7063
L . KLUEBER ISOFLEX TOPAS Nb5051
O . ENGINE OIL
Z . LOCTITE 5910

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
4 1	s.v.	996-583	CRANKSHAFT SET	1g		1g
1		888-164	CRANKSHAFT SET	1g	1g	1g
2		834-122	FREE WHEEL GEAR 50 T.	1	1	1
3		933-311	BEARING BUSHING	1	1	1
4		852-405	SPRAG CLUTCH HOUSING	1h	1h	1h
5		958-856	SPRAG CLUTCH 51.710X68.377X13	1	1	1
6		845-425	CIRCLIP 70	1	1	1
7		842-574	HEX. NUT M34X1,5 LH / TORQUE: 150 NM / 111 FT.LB.	1	1	1
8-11		996-549	PISTON ASSEMBLY 79.50/79.51 MM	4a		4a
8-11		888-382	PISTON ASSEMBLY 84/84.01 MM		4b	
9		215-400	OIL SCRAPER RING 79.5 MM	4		4
9		815-230	OIL SCRAPER RING		4g	
10		215-420	TAPERED COMPRESSION RING 79.5 MM	4		4
10		815-280	TAPERED COMPRESSION RING		4e	
11		215-590	RECTANGULAR RING 79.5/72.9X1.5	4		4
11		815-251	RECTANGULAR RING 84/77X1.5		4e	
12		916-420	PISTON PIN 20X12X56			4g
12		916-356	PISTON PIN 20X12X55.3	4g	4g	4g
13		845-106	MONOHOOK CIRCLIP 20	8	8	8
14		250-510	O-RING 87X2	4	4	4
15		913-222	CYLINDER	4cf		4cf
15		913-226	CYLINDER		4df	

★VALVE TRAIN



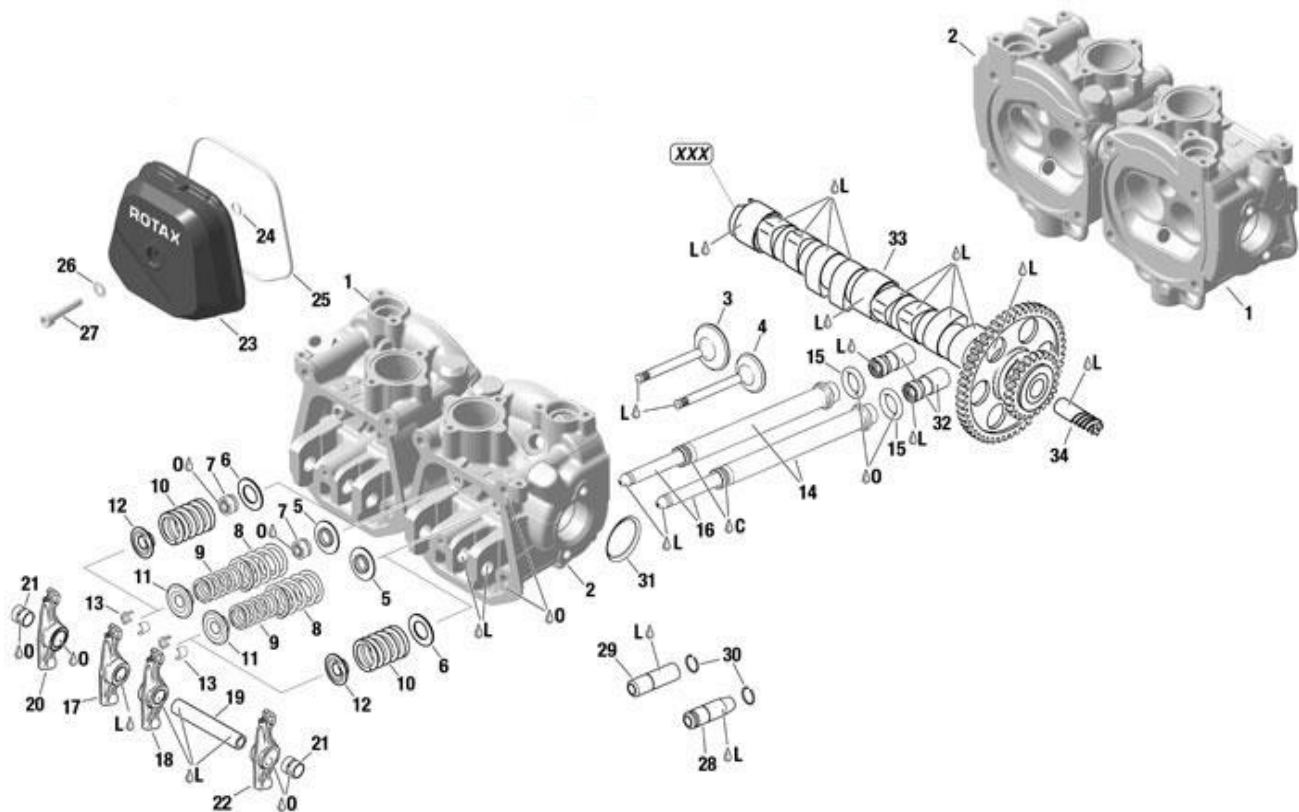
FOR CHART BELOW:

a	UP TO ENGINE S/N	c	WITH SINTERED BRONZE BUSHING
912 UL:	4,401.879	d	OVERSIZE + 0,2 MMB
914 UL:	4,417.597	e	ROCKER ARM VERSION WITH VESPEL BUSHING FROM ENGINE S/N
SINGLE VALVE SPRINGS AND DOUBLE VALVE SPRINGS IF REQUIRED ARE ALLOWED TO BE MOUNTED IN ONE ENGINE;		912 UL:	4,404.621
b	FROM ENGINE S/N	912 ULS:	4,427.487
912 UL:	4,401		
914 UL:	4,417		

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		854-106	INTAKE VALVE 38 MM	4	4	4
2		854-116	EXHAUST VALVE 32 MM	4	4	4
4		926-210	SHIM 16/27.4/1	8b	8	8b
5		230-810	VALVE STEM SEAL	4	4	4
8		838-155	VALVE SPRING	8b	8	8b
10		854-186	VALVE SPRING RETAINER	8	8	8
11		253-090	VALVE COTTER	16	16	16
12		924-440	OIL RETURN TUBE	8	8	8
13		850-930	O-RING 16X5	8	8	8
14		854-861	VALVE PUSH-ROD ASSY.	8	8	8
15	N.A.	854-385	ROCKER ARM LEFT ASSY.	4c	4c	4c
16	N.A.	854-395	ROCKER ARM RIGHT ASSY.	4c	4c	4c
17	S.V.	854-193	ROCKER ARM SHAFT	4	4	4
17		854-197	ROCKER ARM SHAFT	(4)d	(4)d	(4)d
18		854-383	ROCKER ARM LEFT ASSY.	4e	4e	4e
19		933-396	BUSHING VESPEL	8e	8e	8e
19		933-397	BUSHING VESPEL	(8)d	(8)d	(8)d
20		854-393	ROCKER ARM RIGHT ASSY.	4e	4e	4e

☆ROTAX 912. 914 4Cycle Parts

★CYLINDER HEAD,VALVE COVER,INTAKE MANIFOLD



- FOR CHART BELOW:

 - Items not illustrated
 - a For cylinder 2 and 3
 - b Cylinder 1 and 4
 - c Up to engine S/N 912 A: 4,410.203 912 F: 4,412.756 912 UL: 4,401.679 914 F: 4,420.038 914 UL: 4,417.597

Single valve springs and double valve springs if required are allowed to be mounted in one engine.
- d From engine S/N 912 A: 4,410.204 912 F: 4,412.757 912 UL: 4,401.880 914 F: 4,420.039 914 UL: 4,417.596
 - e With sintered bronze bushing
 - f Oversize +0.2 mm (0.008 in.)
 - g Rocker arm version with vespel bushing

From engine S/N 912 A: 4,410.472 912 F: 4,412.817 912 S: 4,922.768 912 UL: 4,404.621 912 ULs: 4,427.487 914 F: 4,420.314 914 UL: 4,418.104
- h For inlet valve, chafe up to new measurement
 - i For outlet valve, chafe up to new measurement

NOTICE Use only once!

 - k For rework of exhaust port See Overhaul Manual of the respective engine type, current issue.
 - l Marked with S/N
 - m Without worm gear
 - n 8 parts per set
 - o Cylinder heads where the cylinder heads temperature is measured.
 - p Cylinder heads where the coolant temperature is measured.

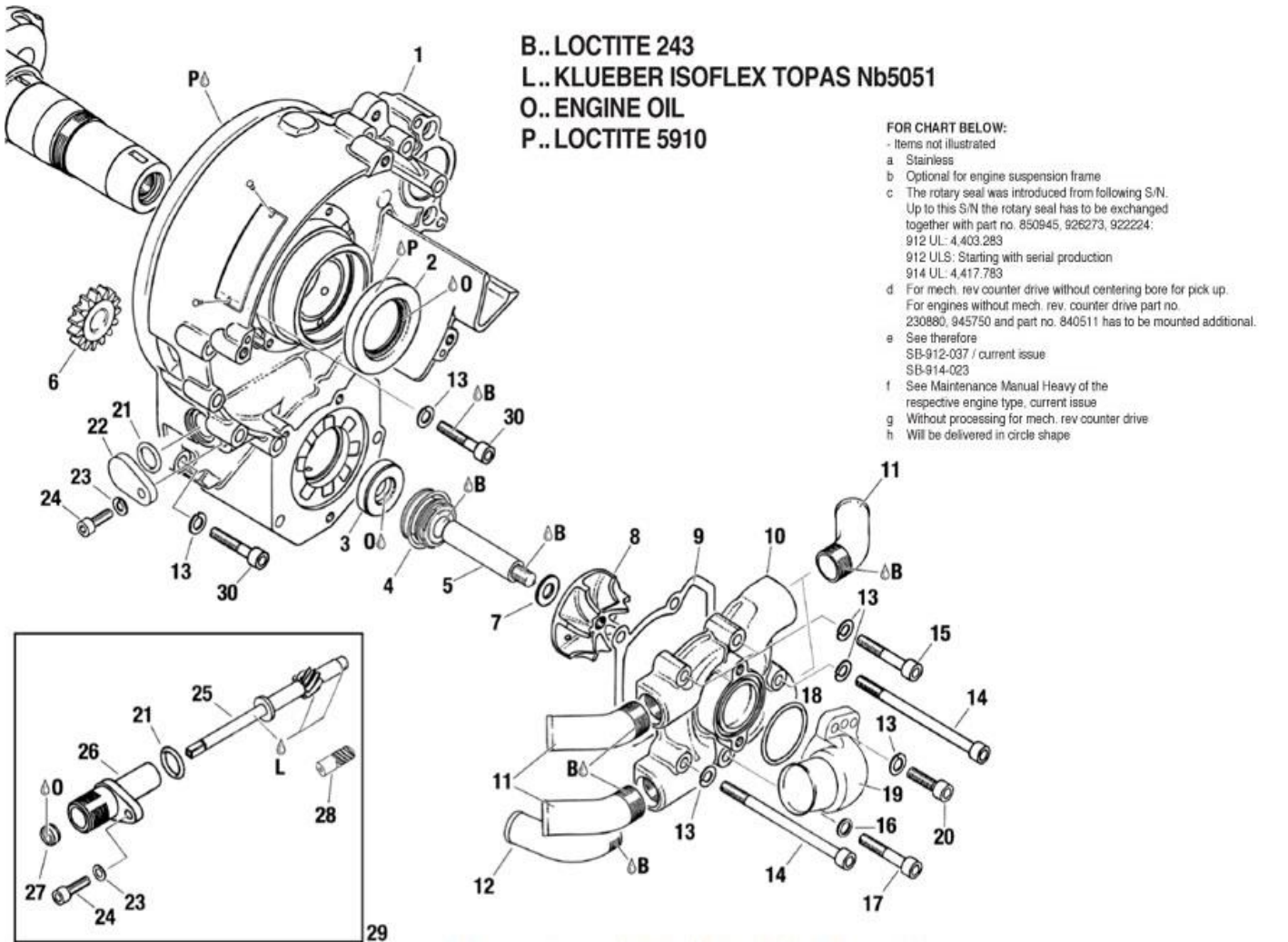
* CALL FOR PRICING!

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULs	Qty 914 UL
1	s.v.	623-682	CYLINDER HEAD 2/3 ASSEMBLY	1a		1a
1	N	413-235	CYLINDER HEAD 2/3 ASSEMBLY	2a		2a
1	s.v.	623-697	CYLINDER HEAD 1/4 ASSEMBLY		2b	
1	N	413-195	CYLINDER HEAD 1/4 ASSEMBLY		2b	
2	s.v.	623-692	CYLINDER HEAD 1/4 ASSEMBLY	2b		2b
2	N	413-245	CYLINDER HEAD 1/4 ASSEMBLY	2b		2b
	s.v.	623-687	CYLINDER HEAD 2/3 ASSY.		2a	
3	N	854-108	INTAKE VALVE 38 MM	4	4	4
4	N	854-118	EXHAUST VALVE 32 M	4	4	4
6		926-210	SHIM 16/27.9/1	8d	8	8d
7		230-810	VALVE STEM SEAL	4	4	4
10		838-155	VALVE SPRING	8d		8d
12		854-186	VALVE SPRING RETAINER	8	8	8
13		253-090	VALVE COTTER	16	16	16
14		924-440]	OIL RETURN TUBE	8	8	8
15		850-930	O-RING 16x5	8	8	8
16		854-861	VALVE PUSH-ROD ASSEMBLY	8	8	8
19		854-193	ROCKER ARM SHAFT	4	4	4
19		854-197	ROCKER ARM SHAFT	(4)f	(4)f	(4)f
20		854-383	ROCKER ARM LEFT ASSEMBLY	4g	4g	4g

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULs	Qty 914 UL
21		933-396	BUSHING VESPEL	8g	8g	8g
22		854-393	ROCKER ARM RIGHT ASSEMBLY	4g	4g	4g
23		612-263	VALVE COVER BLACK	4		
23		612-262	VALVE COVER RED			4
23		612-260	VALVE COVER GREEN		4	
23	s.v.	612-180	VALVE COVER BLUE		4	
24+25		881-920	O-RING SET	1	1	1
24		430-205	O-RING 6.4X1.8	4	4	4
25		250-285	O-RING 105X2.5	4	4	4
26		927-941	WASHER 6.0/12/1	4	4	4
27		840-887	ALLEN SCREW M6x30	4	4	4
28		253-114	INLET VALVE GUIDE	4h	4h	4h
29	N	854-224	INLET VALVE GUIDE	4i	4i	4i
30		245-440	RETAINING RING	8j	8j	8j
31		931-920	GASKET RING	ARk	ARnARk	ARk
32		881-832	HYDRAULIC VALVE	1n	1n	1n
33		837-196	TAPPET SET TAPPET SET	1lm		1lm
		837-418	CAMSHAFT 227° ASSEMBLY		1lm	

★ROTAX 912. 914 4Cycle Parts

★IGNITION HOUSING,WATER PUMP WITH DRIVE

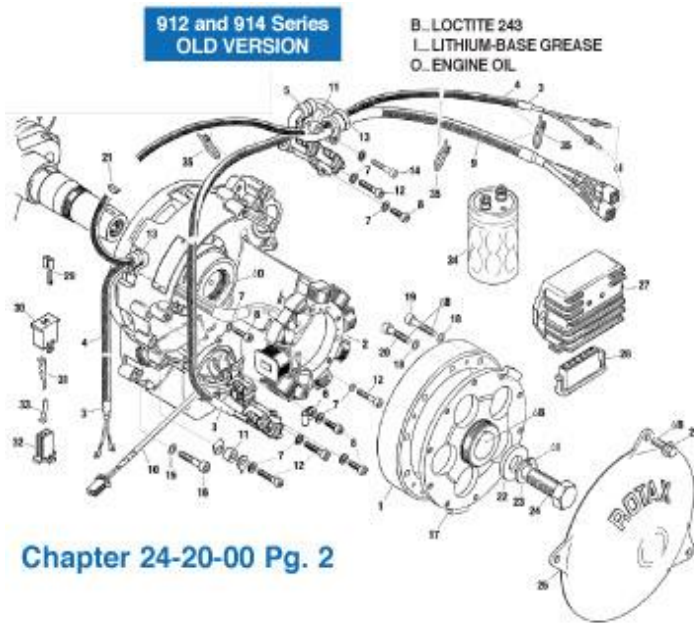


No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1 1		612-047	IGNITION HOUSING ASSY.	1d	1d	1d
1		612-046	IGNITION HOUSING ASSY.	1g	1g	1g
2		850-965	OIL SEAL 32X52X7	1	1	1
3		850-977	OIL SEAL A 12X30X7 FPM	1	1	1
4		850-945	ROTARY SEAL	1c	1c	1c
5		837-111	PUMP SHAFT	1	1	1
6		834-135	WATER PUMP GEAR 15 T	1	1	1
7		926-274	WASHER 8.2/12.5/1.5	1ac	1ac	1ac
8		922-224	IMPELLER / TORQUE: 15 NM /135 IN.LB.	1	1	1
9		850-981	GASKET	1	1	1
10		922-202	WATER PUMP HOUSING	1	1	1
11		922-233	45 GRAD	3	3	3
12		922-231	BENT SOCKET 80 DEGREES	1b	1b	1b
13	s.v.	945-751	LOCK WASHER A6	13	13	13
13	N	827-961	WASHER 6.4	13	13	13
14		241-481	ALLEN SCREW M6X90	2	2	2
15		241-811	ALLEN SCREW M6X35	2	2	2

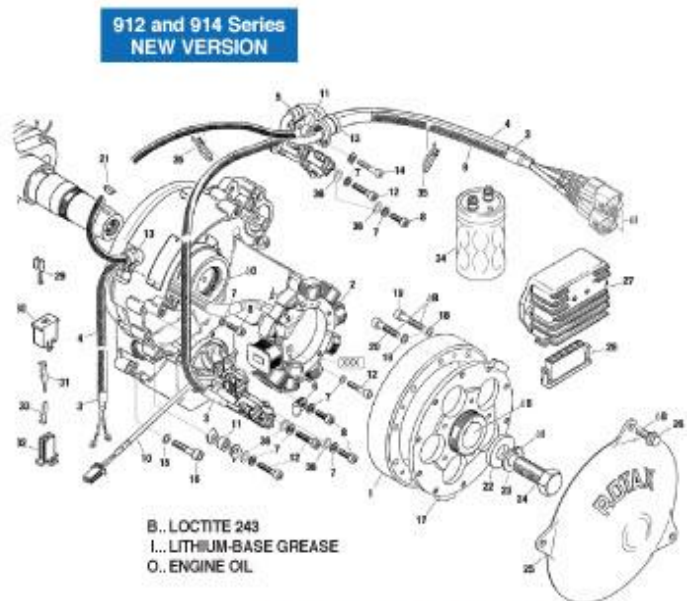
No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
16		230-415	GASKET RING A 6X10	1	1	1
17		241-813	ALLEN SCREW M6X35, STAINLESS	1a	1a	1a
18		230-020	O-RING 32X2	1	1	1
19		922-218	WATER INLET ELBOW	1	1	1
20		241-930	ALLEN SCREW M6X20	2	2	2
21		230-880	O-RING 13.3-2.4	1	1	1
22		810-620	COVER PLATE	1	1	1
23		945-750	LOCK WASHER A5	1	1	1
24		840-511	ALLEN SCREW MSX16	1	1	1
25		837-150	REV COUNTER SHAFT	1	1	1
26		912-191	REV COUNTER HOUSING	1h	1h	1h
27		930-500	OIL SEAL 6X11X3/4.5	1	1	1
28		834-181	WORM GEAR 5 T.	1f	1f	1f
29+1-8, 13, 28		881-692	MECH.REV COUNTER DRIVE RETROFIT KIT	(1f)	(1f)	(1f)
30		840-880	ALLEN SCREW M6X30	7	7	7

★ROTAX 912. 914 4Cycle Parts

★MAGNETO-GENERATOR,PICK UP,RECTIFIER REGULATOR PARTS



Chapter 24-20-00 Pg. 2



Chapter 24-20-00 Pg. 3

FOR CHART BELOW:

- Items not illustrated

a Stator Retrofit Kits / See Also

SB-912-026 / Current Issue

SB-914-014

b With modified trigger, instead of 4° before top dead center → -3° after top dead center

c SI-912-013 / SI-914-016 standardization of the ignition unit

d Trigger coil kit with elongated hole for adjustment and 6-pole connector incl.

7 Stk. part no. 827800

e 4-pole connector and trigger coil without alignment incl.

7 Stk. part no. 827800.

Replaced trigger coil kit part no. 965177.

See Maintenance Manual Heavy of the respective engine type, current issue.

↑ Trigger coil for rev. counter to part no. 965176 and part no. 965179

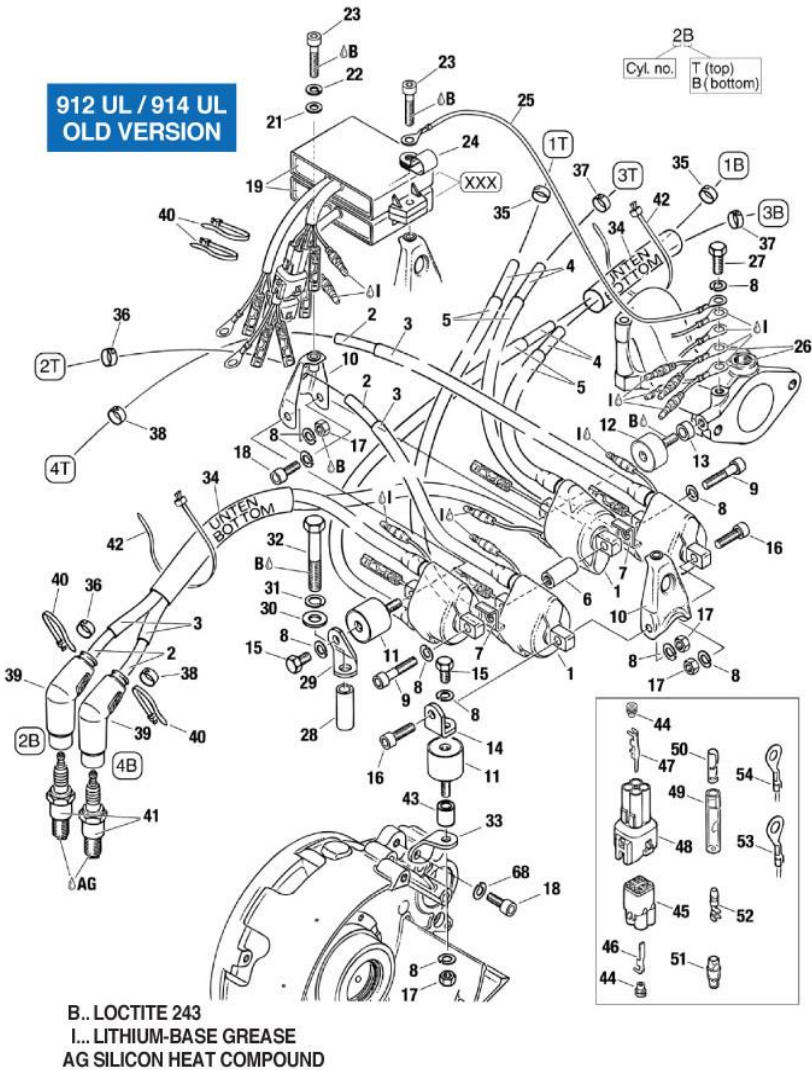
g At all trigger coils with longhole

No.	Status	Part Number	Description/Torque	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1, 2		965-192	MAGNETO RING	1	1	1
2-6		888-671	STATOR ASSEMBLY		1	
2-6		888-675	STATOR ASSEMBLY	1a		1a
2-6		891-095	STATOR ASSEMBLY	1c	1c	1c
3		860-530	SHRINK HOSE	AR	AR	AR
4		965-623	SCREENING METAL BRAID	AR	AR	AR
5		851-111	CABLE CLAMP 8/M5	1	1	1
6		851-565	CABLE CLAMP 7/M5	1	1	1
7		945-750	LOCK WASHER A5.	12	12	12
8		840-511	DREHMOMENT/TORQUE: 5 NM/44 IN.LB.	4	4	4
9		965-176	TRIGGER COIL KIT	1e	1e	1e
9		965-179	TRIGGER COIL KIT	1d	1d	1d
10		264-087	TRIGGER COIL ASSEMBLY	1f	1f	1f
11		847-660	SPACER 5.2/12/7.4	4	4	4
12		240-186	DREHMOMENT/TORQUE: 5 NM/ 40 IN.LB	7	7	7
13		851-250	CABLE CLAMP 15/M5	2	2	2
14		940-881	ALLEN SCREW M5x30	1	1	1
15	N	827-961	WASHER 6.4	7	7	7
15	s.v.	945-751	LOCK WASHER A6	7	7	7
17		966-872	FLY WHEEL HUB	1b	1b	
17		966-877	FLY WHEEL HUB			-

No.	Status	Part Number	Description/Torque	Qty 912 UL	Qty 912 ULS	Qty 914 UL
18		845-381	LOCK WASHER A6	10	10	10
19		840-883	ALLEN SCREW M6x30	5	5	5
20		840-863	ALLEN SCREW M6x25	5	5	5
21		246-570	WOODRUFF KEY 4x5	1	1	1
22		944-072	WASHER 17/36/5	1	1	1
23		945-768	LOCK WASHER 16	1	1	1
24		841-601	DREHMOMENT: 45 NM +180° TORQUE: 33 FT.LB. +180°	1	1	1
25		810-980	IGNITION COVER	(1)	1	1
26		640-171	DREHMOMENT/TORQUE: 5 NM/44 IN.LB.	(3)	3	3
27-28		965-349	RECTIFIER REGULATOR	1	1	1
28		965-335	CONNECTOR HOUSING	1	1	1
29		864-011	FASTON CONNECTOR 6.3x0.8	AR	AR	AR
30		265-252	CONNECTOR HOUSING, TWOPOLE	AR	AR	AR
31		265-272	FASTON CONNECTOR	AR	AR	AR
32		265-250	CONNECTOR HOUSING, TWOPOLE	AR	AR	AR
33		265-270	FASTON CONNECTOR	AR	AR	AR
34		966-590	CAPACITOR, 22000 MYF 25 V	1	1	1
35		866-710	CLAMP 142x2.5 MM	3	3	3
36		827-800	WASHER A 5,5	5g	5g	5

★ROTAX 912. 914 4Cycle Parts

★ROTAX 912 UL AND 914 UL DOUBLE IGNITION COIL ASSEMBLY
SMD – ELECTRONIC MODULE – OLD VERSION



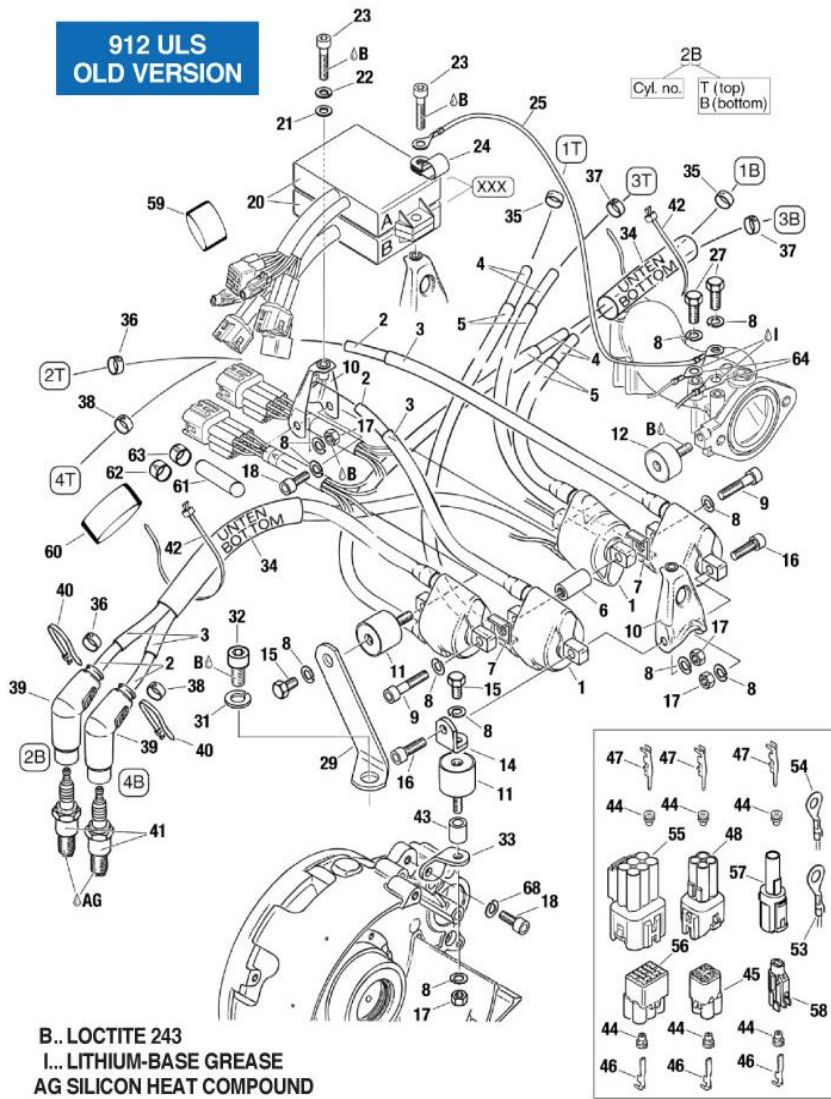
FOR CHART BELOW:
- Items not illustrated
a In a roll, Ignition cable 620 mm;
b In a roll, Protection hose 500 mm
c In a roll, Protection hose 500 mm
d In a roll, Protection hose 450 mm
e Not necessary at intake manifold part no. 867888;
f *Marked with S/N: Introduced as per S/N as follows:
04.0388 with altered insulation only for spare parts
g Not suitable for crankcase part no. 866354,
part no. 866358 and older;
h All crankcase part no. 866354 or newer crankcase;
i Not suitable for intake manifold part no. 867888;
j Necessary at version with ring mount;
k In a roll
l Use part no. 842742 and 953990 only together;
m *SI-912-013 / SI-914-016 current issue. See Maintenance Manual Heavy of the respective engine type, current issue.
From engine S/N:
912 UL: 4.406.291
912 UL: 5.643.680
914 UL: 4.418.712
n In a roll, silicone hose 120 mm
o SI-912-020 / SI-914-022 current issue
p 1x lock washer A5 part no. 945751 is not needed after production-year 2010 on position between the bracket
2 part no. 851267 and the hex. nut M6
q Without magnets wheel consisting of 20, 21, 22, 23, 44, 46

No.	Status	Part Number	Description	Qty 912 UL	Qty 914 UL
56		265-265	CONNECTOR HOUSING 6-POLE	AR	AR
57		265-204	CONNECTOR HOUSING 1-POLE	AR	AR
58		265-207	CONNECTOR HOUSING 1-POLE	AR	AR
59		960-260	SHRINK TUBE COATED		
60		960-300	SHRINK TUBE COATED 48/16		
62		960-010	SHRINKABLE HOSE IMPRINTED A	1	1
63		960-015	SHRINKABLE HOSE IMPRINTED B	1	1
64		965-782	MASS CABLE ASSEMBLY	2	2
64		965-784	MASS CABLE ASSEMBLY	2m	2m
65		853-125	CONNECTOR BRACKET	1m	1m
66		260-135	DUMMY PLUG	1m	1m
68	N	827-961	WASHER 6.4	1	1
69		866-714	MASS CABLE ASSEMBLY	2	2

No.	Status	Part Number	Description	Qty 912 UL	Qty 914 UL
1-5		966-215	DOUBLE IGNITION COIL	4	4
1-5		966-218	DOUBLE IGNITION COIL ASSY.	4M	4M
2		865-710	IGNITION CABLE 7 MM (SEE NOTES)	ARa	ARa
3		860-990	PROTECTION HOSE 8X1 (SEE NOTES)	ARb	ARb
6		842-740	DISTANCE NUT M6X24	1	
6		842-742	DISTANCE NUT M6X22.5	(1)L	1
7		953-390	SEPARATING PLATE	(2)L	2
8		945-751	LOCK WASHER A6	10P	10P
9		840-883	ALLEN SCREW M6X30	2	2
10		953-127	IGNITION COIL BRACKET ASSY.	2	2
11		860-710	RUBBER BUFFER 25X19XM6 (SEE NOTES)	2	2
12		960-060	RUBBER BUFFER 25X15XM6	1	1
13		247-700	SPACER 6.4/10/5	ARe	ARe
14		851-260	IGNITION COIL BRACKET 1	1	1
15		240-771	HEX.SCREW M6X10	2	2
16		241-930	ALLEN SCREW M6X20	2	2
17		242-211	HEX. NUT M6	4	4
18		241-236	ALLEN SCREW M6X16	2	2
19		965-359	SMD-ELECTRONIC MODULE	2	2
20		966-724	SMD-ELECTRONIC MODULE		
20		966-728	SMD-ELECTRONIC MODULE	2m	2m
21		827-800	WASHER A 5,5	1	1
22		945-750	LOCK WASHER A5	1	1
23		240-186	ALLEN SCREW M5X25 / TORQUE: 2.5 NM / 22 IN.LB.	2	2
24		851-118	CABLE CLAMP 11.3/M5	1	1
25		965-788	MASS CABLE ASSY.	1	1
26		965-781	MASS CABLE ASSY.	2	2
27		241-186	HEX.SCREW M6X16	1	1
28		847-792	SPACER 8.4/12/30	1g	1g
29		851-266	BRACKET	1g	1g
29		851-481	BRACKET	1h	1h
30		250-311	WASHER 8.4	1g	1g
31		945-752	LOCK WASHER A8	1g	1g
32		240-281	HEX. SCREW M8X50	1g	1g
32		440-191	ALLEN SCREW M8X16	1h	1h
33		851-267	BRACKET	1	1
34		860-734	GLASS FIBER-SILICON SHEATING 120	2	2
35		860-741	MARKING SLEEVE 1	2	2
36		860-742	MARKING SLEEVE 2	2	2
37		860-743	MARKING SLEEVE 3	2	2
38		860-744	MARKING SLEEVE 4	2	2
39		265-248	SUPRESSED SPARK PLUG CONNECTOR	8	8
40		866-710	CLAMP 142X2.5 MM	8	8
41		897-255	SPARK PLUG 12 MM / TORQUE: 20 NM / 180 IN.LB.		
42		251-920	CLAMP 279X3.6 MM	2	2
43		847-701	SPACER 6.5/10/11	(1j)	1
44		260-130	CABLE GROMMET	AR	AR
45		265-260	CONNECTOR HOUSING 4-POLE	AR	AR
46		265-275	FASTON CONNECTOR	AR	AR
47		265-210	FLAT PIN TERMINAL	AR	AR
48		265-262	CONNECTOR HOUSING 4-POLE	AR	AR
49		964-072	INSULATION SHEATH	AR	AR
50		964-067	FASTON CONNECTOR 3.96	AR	AR
51		964-077	INSULATION SHEATH	AR	AR
52		964-062	FASTON CONNECTOR 3.96	AR	AR
53		964-059	CABLE SHOE M6	AR	AR
54		964-055	CABLE TERMINAL M5	AR	AR
55		265-269	CONNECTOR HOUSING 6-POLE	AR	AR

★ROTAX 912 ULS DOUBLE IGNITION COIL ASSEMBLY SMD – ELECTRONIC MODULE – OLD VERSION

912 ULS OLD VERSION



B.. LOCTITE 243
I... LITHIUM-BASE GREASE
AG SILICON HEAT COMPOUND

FOR CHART BELOW:

- items not illustrated

- a In a roll, Ignition cable 620 mm;
- b In a roll, Protection hose 500 mm;
- c In a roll, Protection hose 500 mm;
- d In a roll, Protection hose 450 mm;
- e Not necessary at intake manifold part no. 867688;
- f "Marked with S/N: Introduced as per S/N as follows:
04.0388 with altered insulation only for spare parts"
- g Not suitable for crankcase part no. 886354,
part no. 886358 and older;
- h At crankcase part no. 888364 or newer crankcase;
- i Not suitable for intake manifold part no. 867688;

j Necessary at version with ring mount;

k In a roll

l Use part no. 842742 and 953390 only together;

m SI-912-013 / SI-914-016 current issue. See Maintenance Manual Heavy of the respective engine type, current issue.

From engine S/N:

912 ULS: 4.406.291

912 ULS: 5.643.680

914 ULS: 4.418.712"

n In a roll, silicone hose 120 mm

o SI-912-020 / SI-914-022 current issue

p 1x lock washer A6 part no. 945751 is not needed after production year 2010 on position between the bracket

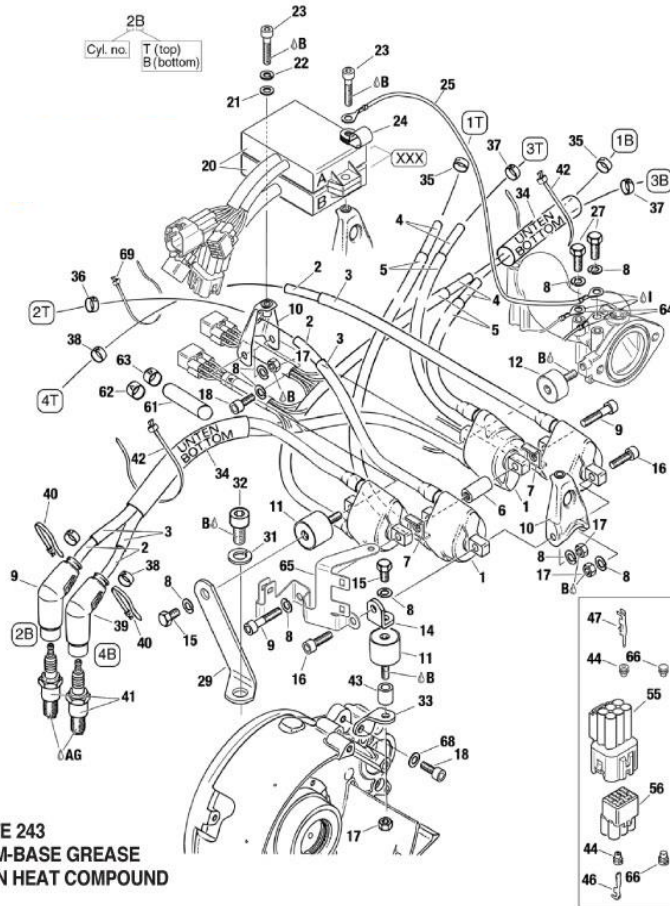
q 2 part no. 851267 and the hex. nut M6

r Without magneto wheel consisting of 20, 21, 22, 23, 44, 46

No.	Status	Part Number	Description	Qty 912 ULS
56		265-265	CONNECTOR HOUSING 6-POLE	AR
57		265-204	CONNECTOR HOUSING 1-POLE	AR
58		265-207	CONNECTOR HOUSING 1-POLE	AR
59		960-260	SHRINK TUBE COATED	ARj
60		960-300	SHRINK TUBE COATED 48/16	ARk
62		960-010	SHRINKABLE HOSE IMPRINTED A	1
63		960-015	SHRINKABLE HOSE IMPRINTED B	1
64		965-782	MASS CABLE ASSEMBLY	2
64		965-784	MASS CABLE ASSEMBLY	2m
65		853-125	CONNECTOR BRACKET	1m
66		260-135	DUMMY PLUG	1m
68	N	827-961	WASHER 6.4	1
69		866-714	MASS CABLE ASSEMBLY	2

No.	Status	Part Number	Description	Qty 912 ULS
1-5		966-215	DOUBLE IGNITION COIL	
1-5		966-218	DOUBLE IGNITION COIL ASSY.	4M
2		865-710	IGNITION CABLE 7 MM (SEE NOTES)	ARa
3		860-990	PROTECTION HOSE 8X1 (SEE NOTES)	ARb
6		842-740	DISTANCE NUT M6X24	
6		842-742	DISTANCE NUT M6X22.5	1
7		953-390	SEPARATING PLATE	2
8		945-751	LOCK WASHER A6	11P
9		840-883	ALLEN SCREW M6X30	2
10		953-127	IGNITION COIL BRACKET ASSY.	2
11		860-710	RUBBER BUFFER 25X19XM6 (SEE NOTES)	2
12		960-060	RUBBER BUFFER 25X15XM6	1
13		247-700	SPACER 6.4/10/5	ARc
14		851-260	IGNITION COIL BRACKET 1	1
15		240-771	HEX. SCREW M6X10	2
16		241-930	ALLEN SCREW M6X20	2
17		242-211	HEX. NUT M6	4
18		241-236	ALLEN SCREW M6X16	2
19		965-359	SMD-ELECTRONIC MODULE	2
20		966-724	SMD-ELECTRONIC MODULE	2f
20		966-728	SMD-ELECTRONIC MODULE	2m
21		827-800	WASHER A 5.5	1
22		945-750	LOCK WASHER A5	1
23		240-186	ALLEN SCREW M5X25 / TORQUE: 2.5 NM / 22 IN.LB.	2
24		851-118	CABLE CLAMP 11.3/M5	1
25		965-788	MASS CABLE ASSY.	1
26		965-781	MASS CABLE ASSY.	
27		241-186	HEX. SCREW M6X16	2
28		847-792	SPACER 8.4/12/30	1g
29		851-266	BRACKET	1g
29		851-481	BRACKET	1h
30		250-311	WASHER 8.4	1g
31		945-752	LOCK WASHER A8	1g
32		240-281	HEX. SCREW M8X50	1g
32		440-191	ALLEN SCREW M8X16	1h
33		851-267	BRACKET	1
34		860-734	GLASS FIBER-SILICON SHEATING 120	2
35		860-741	MARKING SLEEVE 1	2
36		860-742	MARKING SLEEVE 2	2
37		860-743	MARKING SLEEVE 3	2
38		860-744	MARKING SLEEVE 4	2
39		265-248	SUPPRESSED SPARK PLUG CONNECTOR	8
40		866-710	CLAMP 14X2.5 MM	8
41		897-255	SPARK PLUG 12 MM / TORQUE: 20 NM / 180 IN.LB.	8
42		251-920	CLAMP 27X3.6 MM	2
43		847-701	SPACER 6.5/10/11	(1j)
44		260-130	CABLE GROMMET	AR
45		265-260	CONNECTOR HOUSING 4-POLE	AR
46		265-275	FASTON CONNECTOR	AR
47		265-210	FLAT PIN TERMINAL	AR
48		265-262	CONNECTOR HOUSING 4-POLE	AR
49		964-072	INSULATION SHEATH	
50		964-067	FASTON CONNECTOR 3.96	
51		964-077	INSULATION SHEATH	
52		964-062	FASTON CONNECTOR 3.96	
53		964-059	CABLE SHOE M6	AR
54		964-055	CABLE TERMINAL M5	AR
55		265-269	CONNECTOR HOUSING 6-POLE	AR

★ROTAX 912 UL AND 914 UL DOUBLE IGNITION COIL ASSEMBLY SMD – ELECTRONIC MODULE – NEW VERSION



FOR CHART BELOW:

- Items not illustrated

a In a roll, Ignition cable 620 mm;

b In a roll, Protection hose 560 mm

c In a roll, Protection hose 500 mm

d In a roll, Protection hose 450 mm

e Not necessary at intake manifold part no. 867688;

f *Marked with S/N, introduced as per S/N as follows:

04.0388 with altered insulation only for spare parts

g Not suitable for crankcase part no. 866354,

part no. 866358 and older;

h At crankcase part no. 866364 or newer crankcase;

i Not suitable for intake manifold part no. 867688;

j Necessary at version with ring mount;

k In a roll

l Use part no. 842742 and 953390 only together;

m *SI-912-013 / SI-914-016 current issue. See Maintenance Manual Heavy of the respective engine type, current issue.

From engine S/N:

912 UL: 4.406.291

912 UL: 5.643.680

914 UL: 4.418.712

n In a roll, silicone hose 120 mm

o SI-912-020 / SI-914-022 current issue

p 1x lock washer A6 part no. 945751 is not needed after production-year 2010 on position between the bracket

2 part no. 851267 and the hex. nut M6.

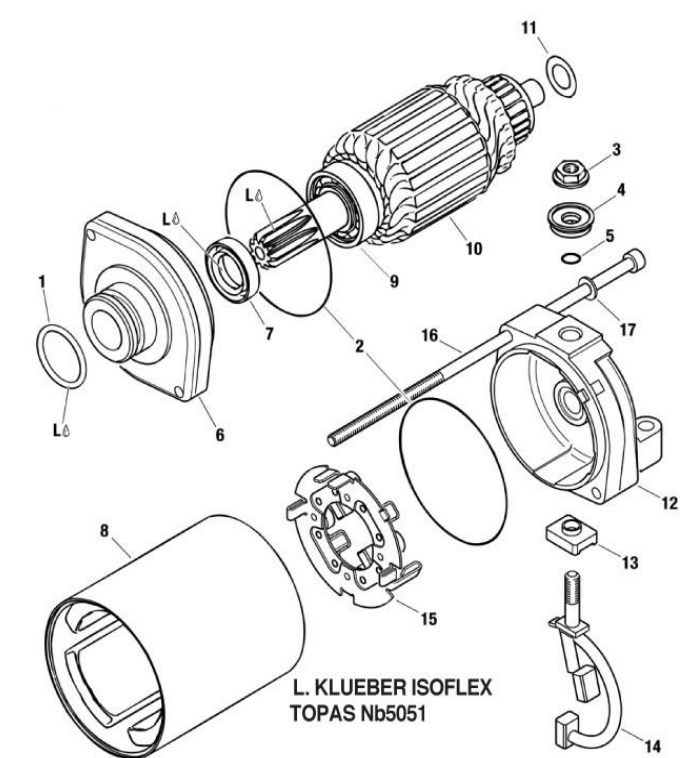
q Without magneto wheel consisting of 20, 21, 22, 23, 44, 46

No.	Status	Part Number	Description	Qty 912 UL	Qty 914 UL
54		964-055	CABLE TERMINAL M5	AR	AR
55		265-269	CONNECTOR HOUSING 6-POLE	AR	AR
56		265-265	CONNECTOR HOUSING 6-POLE	AR	AR
57		265-204	CONNECTOR HOUSING 1-POLE	AR	AR
58		265-207	CONNECTOR HOUSING 1-POLE	AR	AR
59		960-260	SHRINK TUBE COATED		
60		960-300	SHRINK TUBE COATED 48/16		
62		960-010	SHRINKABLE HOSE IMPRINTED A	1	1
63		960-015	SHRINKABLE HOSE IMPRINTED B	1	1
64		965-782	MASS CABLE ASSEMBLY	2	2
64		965-784	MASS CABLE ASSEMBLY	2m	2m
65		853-125	CONNECTOR BRACKET	1m	1m
66		260-135	DUMMY PLUG	1m	1m
68	N	827-961	WASHER 6.4	1	1
69		866-714	MASS CABLE ASSEMBLY	2	2

No.	Status	Part Number	Description	Qty 912 UL	Qty 914 UL
1-5		966-215	DOUBLE IGNITION COIL	4	4
1-5		966-218	DOUBLE IGNITION COIL ASSY.	4M	4M
2		865-710	IGNITION CABLE 7 MM (SEE NOTES)	ARa	ARa
3		860-990	PROTECTION HOSE 8X1 (SEE NOTES)	ARb	ARb
6		842-740	DISTANCE NUT M6X24	1	
6		842-742	DISTANCE NUT M6X22.5	(1)L	1
7		953-390	SEPARATING PLATE	(2)L	2
8		945-751	LOCK WASHER A6	10P	10P
9		840-883	ALLEN SCREW M6X30	2	2
10		953-127	IGNITION COIL BRACKET ASSY.	2	2
11		860-710	RUBBER BUFFER 25X19X6 (SEE NOTES)	2	2
12		960-060	RUBBER BUFFER 25X15X6	1	1
13		247-700	SPACER 6.4/10/5	ARc	ARc
14		851-260	IGNITION COIL BRACKET 1	1	1
15		240-771	HEX.SCREW M6X10	2	2
16		241-930	ALLEN SCREW M6X20	2	2
17		242-211	HEX. NUT M6	4	4
18		241-236	ALLEN SCREW M6X16	2	2
19		965-359	SMD-ELECTRONIC MODULE	2	2
20		966-724	SMD-ELECTRONIC MODULE		
20		966-728	SMD-ELECTRONIC MODULE	2m	2m
21		827-800	WASHER A 5.5	1	1
22		945-750	LOCK WASHER A5	1	1
23		240-186	ALLEN SCREW M5X25 / TORQUE: 2.5 NM / 22 IN.LB.	2	2
24		851-118	CABLE CLAMP 11.3/M5	1	1
25		965-788	MASS CABLE ASSY.	1	1
26		965-781	MASS CABLE ASSY.	2	2
27		241-186	HEX.SCREW M6X16	1	1
28		847-792	SPACER 8.4/12/30	1g	1g
29		851-266	BRACKET	1g	1g
29		851-481	BRACKET	1h	1h
30		250-311	WASHER 8.4	1g	1g
31		945-752	LOCK WASHER A8	1g	1g
32		240-281	HEX. SCREW M8X50	1g	1g
32		440-191	ALLEN SCREW M8X16	1h	1h
33		851-267	BRACKET	1	1
34		860-734	GLASS FIBER-SILICON SHEATING 120	2	2
35		860-741	MARKING SLEEVE 1	2	2
36		860-742	MARKING SLEEVE 2	2	2
37		860-743	MARKING SLEEVE 3	2	2
38		860-744	MARKING SLEEVE 4	2	2
39		265-248	SUPPRESSED SPARK PLUG CONNECTOR	8	8
40		866-710	CLAMP 142X2.5 MM	8	8
41		897-255	SPARK PLUG 12 MM / TORQUE: 20 NM / 180 IN.LB.		
42		251-920	CLAMP 279X3.6 MM	2	2
43		847-701	SPACER 6.5/10/11	(1)J	1
44		260-130	CABLE GROMMET	AR	AR
45		265-260	CONNECTOR HOUSING 4-POLE	AR	AR
46		265-275	FASTON CONNECTOR	AR	AR
47		265-210	FLAT PIN TERMINAL	AR	AR
48		265-262	CONNECTOR HOUSING 4-POLE	AR	AR
49		964-072	INSULATION SHEATH	AR	AR
50		964-067	FASTON CONNECTOR 3.96	AR	AR
51		964-077	INSULATION SHEATH	AR	AR
52		964-062	FASTON CONNECTOR 3.96	AR	AR
53		964-059	CABLE SHOE M6	AR	AR

★ROTAX 912. 914 4Cycle Parts

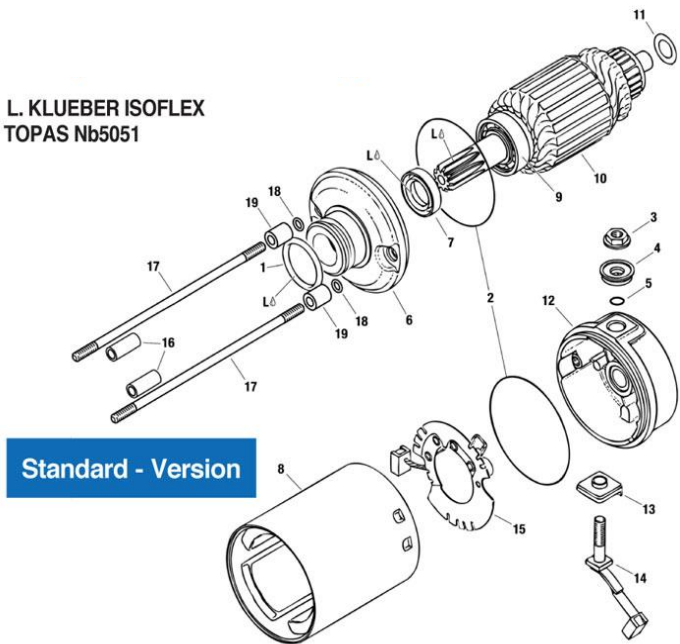
★ROTAX 912,914 UL ELECTRIC STARTER SINGLE PARTS



No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		250-140	O-RING 24.4X3.1	1	1	1
2		850-500	O-RING 62-1.5	2	2	2
3		242-780	COMBINED NUT M6 / TORQUE: 4 NM / 35 IN.LB.	1	1	1
4		260-800	CONNECTOR SHEATH	1	1	1
5		230-530	O-RING 6X1.7	1	1	1
7		250-130	OIL SEAL 15X24X5	1	1	1
9		232-260	BALL BEARING 6002 Z / 15-32-9	1	1	1
11		827-600	SHIM	AR	AR	AR
12-15		294-354	ELECTRIC STARTER REPAIR KIT	1	1	1
16		440-586	ALLEN SCREW M5X180	2	2	2
17		927-571	WASHER 5.3	2	2	2

FOR CHART BELOW:
- Items not illustrated
a Not available as single spare part. Use electric starter kit part no. 294354.

★ROTAX 912,914 UL ELECTRIC STARTER
STARTER RELAY SINGLE STANDARD VERSION PARTS



No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		250-140	O-RING 24.4X3.1	1	1	1
2		850-500	O-RING 62-1.5	2	2	2
3		242-780	COMBINED NUT M6 / TORQUE: 4 NM / 35 IN.LB.	1	1	1
4		260-800	CONNECTOR SHEATH	1	1	1
5		230-530	O-RING 6X1.7	1	1	1
7		250-130	OIL SEAL 15X24X5	1	1	1
9		232-260	BALL BEARING 6002 Z / 15-32-9	1	1	1
11		827-600	SHIM	AR	AR	AR
13		260-810	CONNECTOR SHEATH	1	1	1
14		264-180	CARBON BRUSH ASSY.	1	1	1
15		866-890	BRUSH HOLDER WITH SPRINGS	1	1	1

FOR CHART BELOW:
- Items not illustrated
a Only for transport

★ROTX912,914 UL EXTERNAL ALTWRNATOR



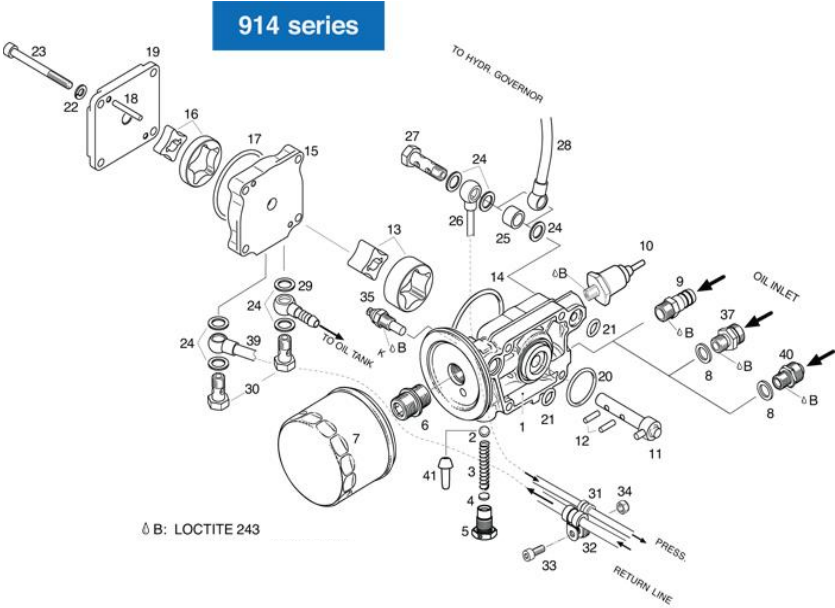
Chapter 24-30-00 Pg. 2

FOR CHA
- Items not
a. Marked

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		887-254	ALTERNATOR SET	1	1	1
1-21						
1		980-590	V-BELT PULLEY	1	1	1
2		980-400	V-BELT 9.5X675	1	1	1
3		980-605	PAIR OF PULLEY CARRIERS	2	2	2
4		840-511	ALLEN SCREW M5X16	8	8	8
5		945-750	LOCK WASHER A5	8	8	8
6		953-222	ALTERNATOR BRACKET ASSY.	1	1	1
7		240-071	ALLEN SCREW M8X20	2	2	2
8		845-310	LOCK WASHER VH2 8	2	2	2
9		953-232	ALTERNATOR SUPPORT ASSY.	1	1	1
10		241-761	ALLEN SCREW M6X50	2	2	2
12		827-961	WASHER 6.4	2	2	2
11		945-751	LOCK WASHER A6	2	2	2
13		887-251	ALTERNATOR F3A	1a	1a	1a
14		927-952	THRUST WASHER 10.1/20/0.5	1	1	1
15		941-636	HEX. SCREW M10X45 / TORQUE: 40 NM / 30 FT.LB.	1	1	1
16		953-240	TENSION BAR	1	1	1
17		940-596	HEX. SCREW M8X20 / TORQUE: 22 NM / 195 IN.LB.	2	2	2
18		945-752	LOCK WASHER A8	2	2	2
19		227-935	WASHER 8.4	2	2	2
20		864-011	FASTON CONNECTOR 6.3X0.8	2	2	2
21		265-255	CONNECTOR HOUSING 2-POLE	1	1	1

★ROTAX 912. 914 4Cycle Parts

★ROTAX 914 UL OIL PUMP,OIL FILTER,OIL PRESSURE SENSOR PARTS



FOR CHART BELOW:

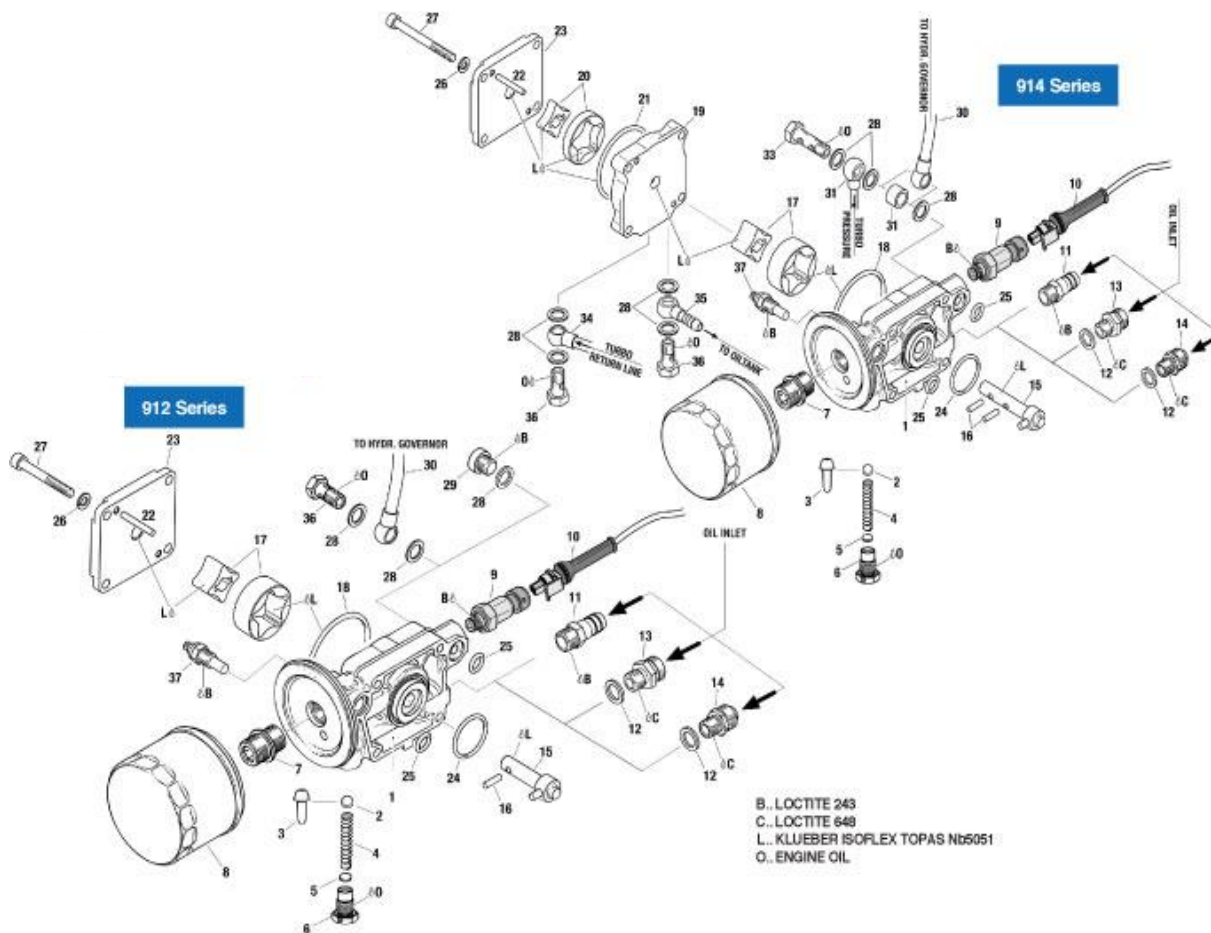
a THREAD 3/4-16 UNF FOR OIL FILTER 3 MM EXTENDED. INTRODUCED AS PER ENGINE SN AS FOLLOWS:

912 A: 4,410.660	912 ULS: 5,644.742
912 F: 4,412.888	912 ULSFR: 4,430.116
912 S: 4,923.163	914 F: 4,420.471
912 UL: 4,407.160	914 UL: 4,419.026

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		911-815	OIL PUMP HOUSING ASSY.	1	1	1
2		432-680	BALL 8.5 MM	1	1	1
3		838-122	PRESSURE SPRING DM 7.1 D 0.9 L 39.5	1	1	1
4		227-055	SHIM 8.2X1.5	AR	AR	AR
5		841-983	PLUG SCREW M12X1 / TORQUE: 25 NM / 18 FT.LB. THREAD: 15 NM / 135 IN.LB.	1b	1b	1b
7		825-012	OIL FILTER	1	1	1
8		230-387	GASKET RING 14.2/18/2	1	1	1
11		837-127	OIL PUMP SHAFT ASSY.			1
11		837-129	OIL PUMP SHAFT ASSY.	1	1	1
12		232-730	NEEDLE PIN 4X15.8 G3	1	1	2
14		430-405	O-RING 57X3	1	1	1
15		810-592	OIL PUMP HOUSING			1
16		256-345	PRESSURE INNER AND OUTER ROTOR			1
17		430-175	O-RING 46X3			1
18		232-430	NEEDLE PIN B 4X29.8 G5			2
19		911-711	OIL PUMP COVER	1	1	1
20		950-410	O-RING 30X2.5	1	1	1
21		250-460	O-RING 11-2.7	2	2	2
22		945-751	LOCK WASHER A6	4	4	4

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
23		241-261	ALLEN SCREW M6X65			4
23		241-761	ALLEN SCREW M6X50	4	4	
24		230-150	GASKET RING 10X14	2	2	7
25		847-227	SPACER 10.5/15/10			1
26		956-476	TURBO PRESSURE OIL LINE			1
27		940-873	BANDJO BOLT M10X1X30 / TORQUE: 17 NM / 150 IN.LB. THREAD: 12 NM / 105 IN.LB.			1
28		956-460	PRESSURE OIL LINE ASSY.	1	1	1
29		956-314	HOSE NIPPLE 4/6			1
30, 38		940-874	BANDJO BOLT M10X1X19 / TORQUE: 12 NM / 105 IN.LB.	1	1	2
31		851-111	CABLE CLAMP 8/M5			2
32		851-116	CABLE CLAMP 5/M5			2
33		241-841	ALLEN SCREW M5X12			2
34		942-020	LOCK NUT M5			2
35		965-531	TEMPERATURE SENSOR / TORQUE: 7 NM / 62 IN.LB.	1	1	1
36		641-733	PLUG SCREW M10X1 / TORQUE: 10 NM / 90 IN.LB.	1	1	1
37		956-577	ADAPTOR M18X1.5/M14X1.5 / TORQUE: 25 NM / 18 FT.LB.	(1)	(1)	(1)
39		956-470	TURBO OIL SUCTION LINE			1
40		956-641	ADAPTOR 3/4-16 UNF/ M14 X 1.5 / TORQUE: 25 NM / 18 FT.LB.	1	1	1
41	N	857-230	VALVE PISTON	1d	1d	1d

★ROTAX 912 UL OIL PUMP ASSEMBLY/OIL FILTER/OIL TEMPRATURE SENSOR



FOR CHART BELOW:

- Items not illustrated

a thread 3/4-16 UNF for oil filter 3 mm extended.

Introduced as per following engine S/N:

912 UL-4 407.160

912 ULS: 5,644,742

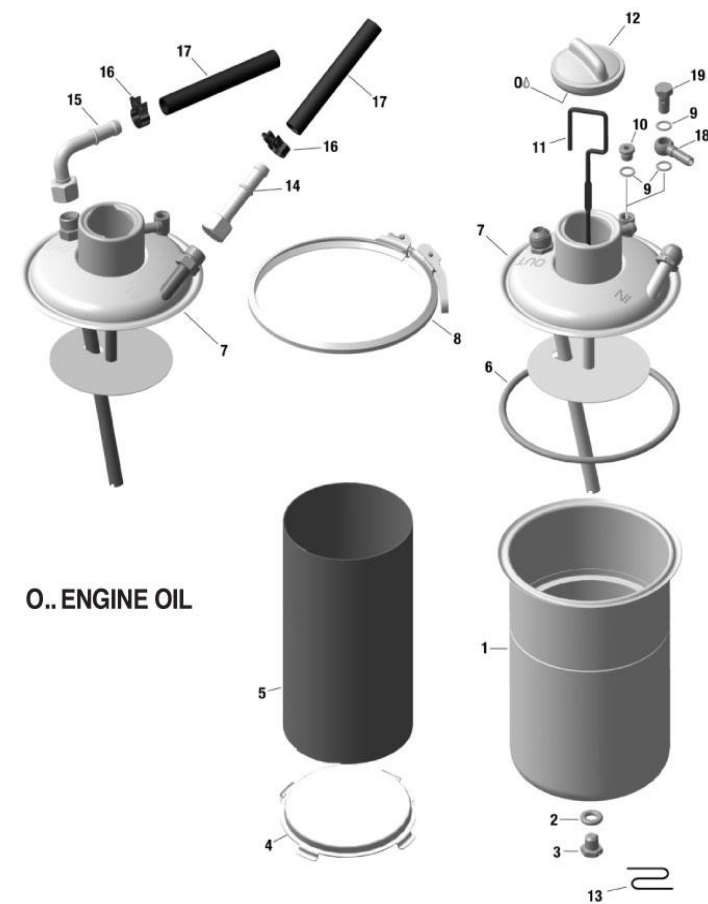
914 UL: 4.419.026

b With optimized spring routing

c see SI 912-020/914-022

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL	No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
2,3 1		911-815	OIL PUMP HOUSING ASSY.	1	1	1	18		430-405	O-RING 57X3	1	1	1
2		432-680	BALL 8.5 MM	1	1	1	19		810-592	OIL PUMP HOUSING			1
3		857-230	VALVE PISTON	(1)	(1)	(1)	20		256-346	PRESSURE INNER AND OUTER ROTOR			1
4		838-122	PRESSURE SPRING DM 7.1 D 0.9 L 39.5	1	1	1	21		430-175	O-RING 46X3			1
5		227-055	SHIM 8.2X1.5	AR	AR	AR	22		232-431	NEEDLE PIN B 4x29.8 G5	2	2	
6		841-983	PLUG SCREW M12X1 / TORQUE: 15 NM / 135 IN.LB.	1b	1b	1b	22		232-731	NEEDLE PIN B 4x15.8 G3	1	1	1
7		924-424	OIL FILTER NIPPLE / TORQUE: 60 NM / 44 FT.LB.	1a	1a	1a	23		911-711	OIL PUMP COVER	1	1	1
8		825-012	OIL FILTER	1	1	1	24		950-410	O-RING 30X2.5	1	1	1
9	N	456-180	OIL PRESSURE SENSOR ASSEMBLY / TORQUE: 25 NM / 18 FT.LB. THREAD: 10 NM / 90 IN.LB.	1c	1c	1c	25		250-460	O-RING 11-2.7	2	2	2
10	N	864-250	OIL PRESSURE SENSOR WIRE ASSEMBLY	1c	1c	1c	26	s.v.	945-751	LOCK WASHER A6	4	4	4
2,3 11		840-461	13.2/9.5-M14x1.5 / TORQUE: 15 NM / 135 IN.LB.	1	1	1	26	N	827-961	WASHER 6.4	4	4	4
12		230-387	GASKET RING 14.2/18/2	1	1	1	27		241-261	ALLEN SCREW M6X65 / TORQUE: 10 NM / 90 FT.LB.			4
13		956-577	ADAPTOR M18X1.5/M14X1.5 / TORQUE: 25 NM / 19 FT.LB.	(1)	(1)	(1)	27		241-761	ALLEN SCREW M6X50 / TORQUE: 10 NM / 90 FT.LB.	4	4	
14		956-641	ADAPTOR 3/4-16 UNF/ M14 X 1.5 / TORQUE: 25 NM / 19 FT.LB.	(1)	(1)	(1)	28		230-150	GASKET RING 10X14	2	2	7
15		837-127	OIL PUMP SHAFT ASSEMBLY			1	29		641-733	PLUG SCREW M10X1 / TORQUE: 10 NM / 90 IN.LB.	1	1	1
15		837-129	OIL PUMP SHAFT ASSEMBLY	1	1		31	N	847-228	SPACER 10.5/15/10			1
16		232-730	NEEDLE PIN 4X15.8 G3	1	1	2	35		956-314	HOSE NIPPLE 4/6			1
17		956-278	SUCTION INNER AND OUTER ROTOR ASSEMBLY	1	1	1	37		965-531	TEMPERATURE SENSOR / TORQUE: 7 NM / 62 IN.LB.	1	1	1

★ROTAX 912,914 UL OIL TANK PARTS

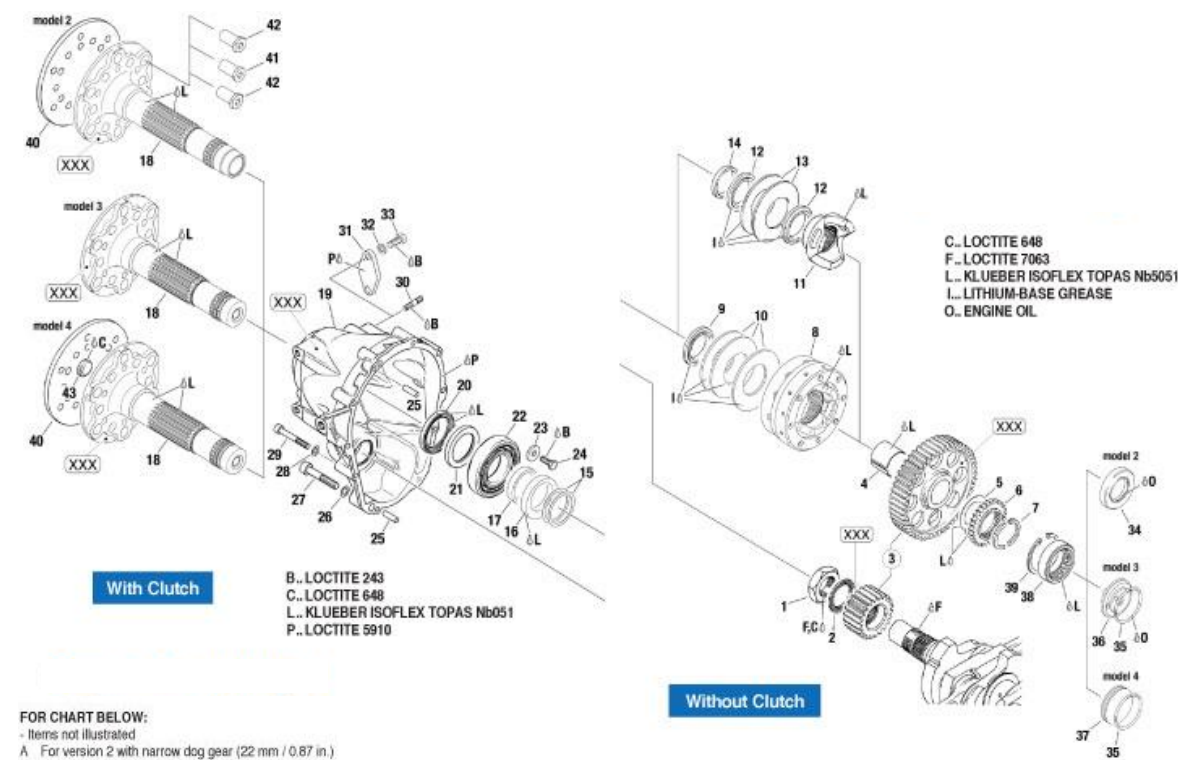


FOR CHART BELOW:
- Items not illustrated
a See SS-912-040, SS-914-026 current issue
b In a roll
c With metric connection thread M18x1.5

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1 - 12	s.v.	956-503	OIL TANK ASSEMBLY METRIC M18x1.5	1	1	1
1 - 12	N	656-865	OIL TANK ASSEMBLY METRIC M18x1.5	1	1	1
1 - 12	s.v.	956-508	OIL TANK ASSEMBLY UNF 3/4-16	1	1	1
1-12	N	656-860	OIL TANK ASSEMBLY UNF 3/4-16	1	1	1
2		250-010	GASKET RING C 12X18	1	1	1
3		241-403	HEX. SCREW M12X12 / TORQUE: 25 NM / 18 FT.LB.	1	1	1
5		956-204	BAFFLE INSERT	1	1	1
6		850-491	O-RING 145X6	1	1	1
8		951-817	PROFILE CLAMP 163	1	1	1
9		230-150	GASKET RING 10X14	1	1	1
10		641-733	PLUG SCREW M10X1 / TORQUE: 17 NM / 150 IN.LB.	1		
11		956-151	OIL DIPSTICK	1a	1a	1a
12		974-647	OIL TANK COVER, WITHOUT VENTING	1	1	1
13		297-555	SAFETY WIRE 0.8	AR	AR	AR
14		956-610	HOSE NIPPLE WITH UNION NUT / TORQUE: 25 NM / 18 FT.LB.	1c	1c	1c
15		956-580	BENT SOCKET	1c	1c	1c
16		853-726	CLAMP SP 17/9	4	4	4
17		956-390	OIL TUBE	ARb	ARb	ARb
18		956-314	HOSE NIPPLE 4/6			1

★ROTAX 912. 914 4Cycle Parts

★ROTAX 912,914 UL GEARBOX & GEARBOX ASSEMBLY PARTS



FOR CHART BELOW:

- Items not illustrated

- A For version 2 with narrow dog gear (22 mm / 0.87 in.)
B For version 3 with narrow dog gear (22 mm / 0.87 in.)
C For version 4 with narrow dog gear (22 mm / 0.87 in.)
D For version 2 with wide dog gear (27 mm / 1.06 in.);
For 914 use only from following engine S/N:
914 F: 4,420,164 / 914 UL: 4,417,791
E For version 3 with wide dog gear (27 mm / 1.06 in.);
For 914 use only from following engine S/N:
For version 4 with wide dog gear (27 mm / 1.06 in.);
For 914 use only from following engine S/N:
914 F: 4,420,164 / 914 UL: 4,417,791
G Replacement for 887701 with wide dog gear
H Replacement for 887706 with wide dog gear
I Replacement for 887711 with wide dog gear
J Replacement for 887680 with wide dog gear
K Replacement for 888565 with wide dog gear

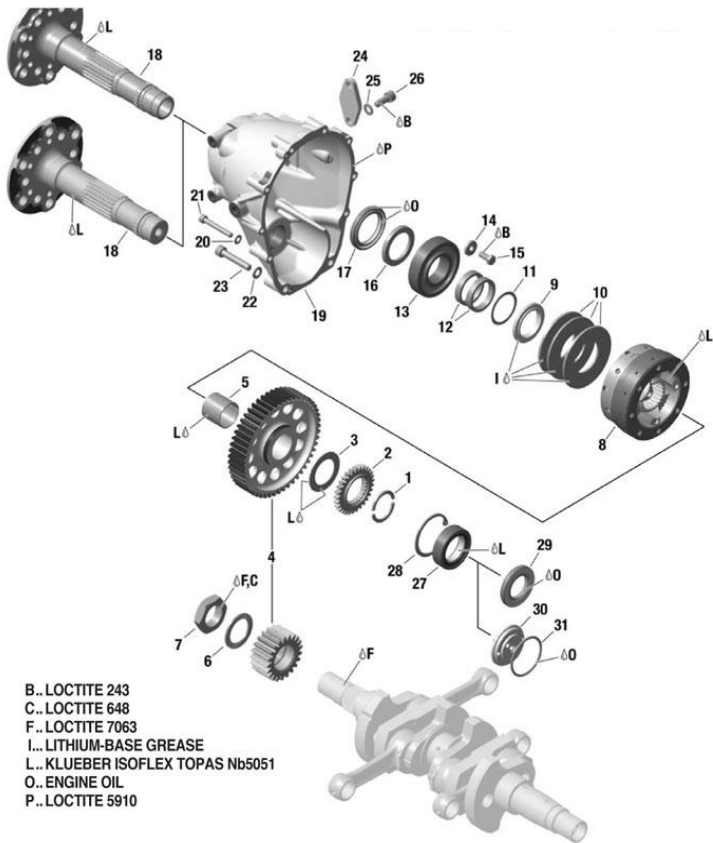
- a Drive gear 22 T. and reduction gear 50 T. are paired and must be replaced together and marked with S/N.
See SL-912-002 resp. SL-914-002.
b Drive gear 21 T. and reduction gear 51 T. are paired and must be replaced together and marked with S/N.
With wide dog gear (27 mm / 1.06 in.).
See SL-912-002 resp. SL-914-002. For 914 use only from following engine S/N:
912 S: ab Serienbeginn / starting with serial production
912 ULS: ab Serienbeginn / starting with serial production
914 F: 4,420,164
914 UL: 4,417,791

- c For model 2 marked with S/N
d For model 3 marked with S/N
e For model 4 marked with S/N
f For gear sets part no. 886125 and 886517; (narrow versions)
g For gear set part no. 886518; (wide version)
h Drive gear 21 T. and reduction gear 51 T. are paired and must be replaced together and marked with S/N.
With thin dog gear (22 mm / 0.87 in.);
See SL-912-002 resp. SL-014-002. For 914 use only up to S/N:
914 F: 4,420,163
914 UL: 4,417,790
i Do not use at version with auxiliary alternator;
only available as a set (includes 6 pieces).
j Only when a governor is used;
k Version without governor: 2x940,591; with governor:
see chart. 61-20-00
l Dog hub with extended hub
m With additional bores to drain lead
n Increased support bearing diameter
o see SL-912-002 current issue

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		842-579	HEX. NUT M30X1.5 12MM, LH / TORQUE: 200 NM/148 FT.LB	1	1	1
2		845-430	FRICTION WASHER VS30	1	1	1
3		886-125	GEAR SET 1 2.27 NARROW	1a		
3		886-517	GEAR SET 1 2.43 NARROW	(1)h		1h
3		886-518	GEAR SET 1 2.43 WIDE, 7°		1b	1b
4		933-362	BUSHING 31X33X29.8	1	1	1
5		827-992	THRUST WASHER 33.2/51/1.2	1	1	1
6		834-232	DRIVE GEAR 29 T.	1	1	1
7-10		996-888	CLUTCH ASSY. RETROFIT KIT NARROW	1f		1fh
7-10		996-889	CLUTCH ASSY RETROFIT KIT WIDE, 7°		1g	1gb
7		926-035	RING HALF	2	2	2
8		996-885	OVERLOAD CLUTCH ASSY. NARROW	(1)m		1fhm
8		996-910	OVERLOAD CLUTCH ASSY WIDE, 7°		(1)gm	(1)gm
9, 12		847-785	STEP COLLAR	1	1	1
10, 13		838-215	DISK SPRING B80, 80X41X3	3	3	3
11		958-891	DOG HUB NARROW	1fi		1fi
11		958-893	DOG HUB WIDE, 7°		1gl	1gl
14		847-689	SPACER 35.2/42/6	1	1	1
15		927-401	SHIM 35.4/43/0.2	AR	AR	AR
15		927-402	SHIM 35.4/43/0.5	AR	AR	AR
15		927-403	SHIM 35.4/43/1.0	AR	AR	AR
16		848-225	ECCENTER	1	1	1
17		847-687	SPACER 35.2/42/8	1	1	1
18		837-289	PROPELLER SHAFT SEALED	1e	1e	1e
18		837-285	PROPELLER SHAFT	1c	1c	1c
19		811-956	GEAR COVER ASSEMBLY	1n	1n	1n
20		950-470	OIL SEAL AS 40X55X7	1	1	1
21		926-021	SPACER RING 36/50/5.5 1 2.27	1		
21		926-022	SPACER RING 36/50/5.5			

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
22		832-578	BALL BEARING 6207E TNH, 35-72-17	1	1	1
23		944-320	WASHER 7.2/18.8/3	4	4	4
24		941-760	HEX. SCREW M7X16 / TORQUE: 15 NM / 135 IN.LB.	4	4	4
25		429-230	DOWEL 6X20	2	2	2
26		944-131	WASHER 8	2	2	2
27		841-561	ALLEN SCREW M8X45	2	2	2
28	N	827-961	WASHER 6.4	8	8	8
28	s.v.	945-751	LOCK WASHER A6	8	8	8
29		241-821	ALLEN SCREW M6X45	8	8	8
30		940-361	STUD M8X23/14	2	2	
31		926-151	COVER			1
32		945-752	WASHER A8	2	2	2
33		940-591	HEX. SCREW M8X20 / TORQUE: 15 NM / 135 IN.LB.			2k
34		950-200	OIL SEAL 30X52X7	1	1	1
35		430-175	O-RING 46X3	1	1	1
36		810-301	OIL INLET FLANGE	1	1	1
37		810-306	OIL INLET COVER	1	1	1
38		232-241	ROLLER BEARING NJ 205 ECP C3	1	1	1
39		945-820	RETAINING RING 52X2	1	1	1
40		827-837	COVER DISK	AR	AR	AR
41		842-634	ROUND-NECK NUT SET M8	1i	1i	1i
42		842-638	ROUND-NECK NUT SET 5/16-24 UNF	1i	1i	1i
42		842-639	HEX.NECK NUT SET 5/16-20UNF	1i	1i	1i
		244-980	SEALING COVER	1	1	1

★ROTAX 912iS PROPELLER GEAR ASSEMBLY WITH OVERLOAD CLUTCH

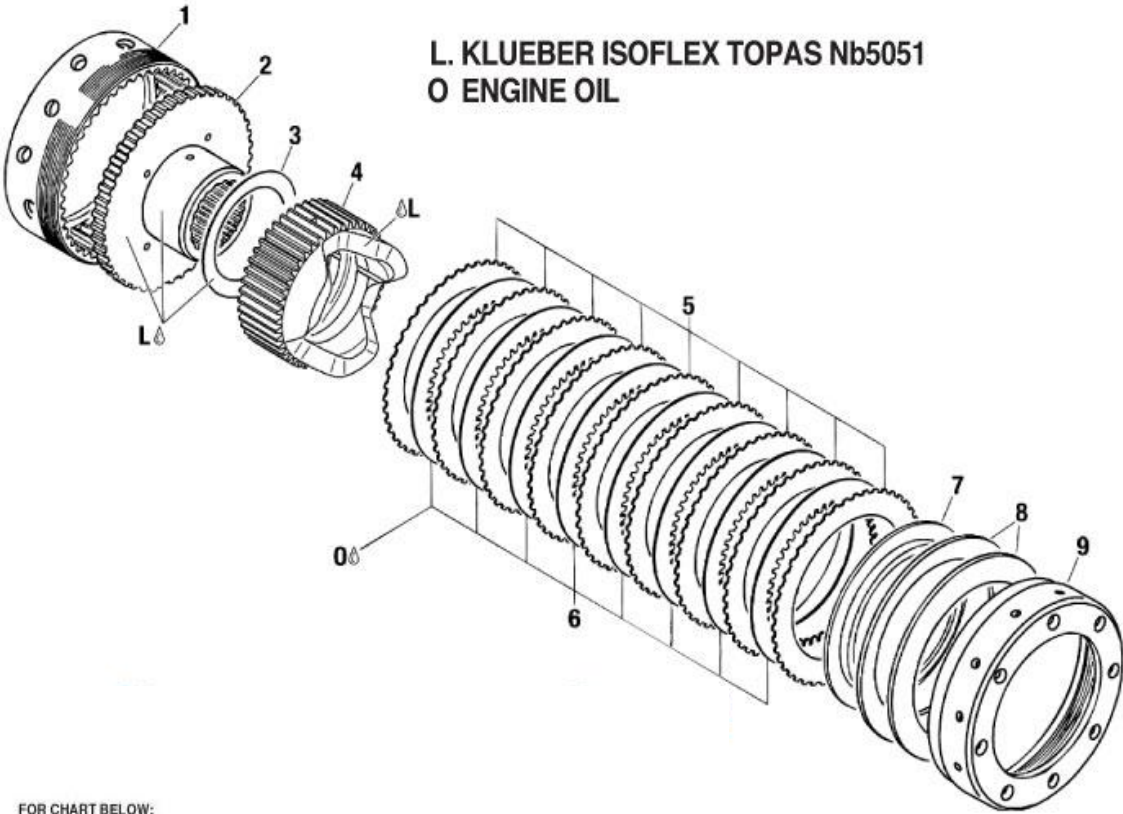


FOR CHART BELOW:
- Items not illustrated
a Break away torque 700-900 Nm/516.2 ft.lb - 693.8 ft.lb
b Break away torque 600-800 Nm/442.5 ft.lb - 590 ft.lb

No.	Status	Part Number	Description	Qty 912 iS	Qty 912 iS Sport	No.	Status	Part Number	Description	Qty 912 iS	Qty 912 iS Sport
1		893-340	GEARBOX WITH CLUTCH I 2.43-2 version 2	1b	1b	15		941-760	HEX. SCREW M7X16 / TORQUE: 15 NM / 135 IN.LB.	4	4
1-28		893-345	GEARBOX WITH CLUTCH I 2.43-3 version 3	1b	1b	16		926-022	SPACER RING 36/50/5.5	1	1
1		926-035	RING HALF	2	2	17		950-470	OIL SEAL AS 40X55X7	1	1
2		834-232	DRIVE GEAR 29 T.,	1	1	18		837-285	PROPELLER SHAFT	1	1
3		827-992	THRUST WASHER 33.2/51/1.2	1	1	19		811-958	GEAR COVER ASSY.	1	1
4		886-518	GEAR SET I 2.43 WIDE, 7°	1	1	20		827-961	WASHER 6.4	8	8
5		933-362	BUSHING 31X33X29.8	1	1	21		241-821	ALLEN SCREW M6X45	8	8
6		845-431	FRICTION WASHER VS30	1	1	22		944-131	WASHER 8	2	2
7		842-579	HEX. NUT M30X1.5 12MM, LH / TORQUE: 200 NM/148 FT.LB	1	1	23		841-561	ALLEN SCREW M8X45	2	2
8		996-915	OVERLOAD CLUTCH ASSY.	1b	1b	24		926-151	COVER	1	1
8		996-916	OVERLOAD CLUTCH ASSY.	1a	1a	25		945-752	WASHER A8	2	2
9		847-786	STEP COLLAR	1	1	26		940-591	HEX. SCREW M8X20 / TORQUE: 15 NM / 135 IN.LB.	2	2
10		838-216	DISK SPRING B80 80x41x3	3	3	27		232-241	ROLLER BEARING N2 205 ECP C3	1	1
11		927-401	SHIM 35.4/43/0.2	AR	AR	28		945-820	RETAINING RING 52X2	1	1
11		927-402	SHIM 35.4/43/0.5	AR	AR	29		950-200	OIL SEAL 30X52X7	1	1
11		927-403	SHIM 35.4/43/1.0	AR	AR	30		810-301	OIL INLET FLANGE	1	1
12		847-687	SPACER 35.2/42/8	2	2	31		430-175	O-RING 46X3	1	1
13		832-578	BALL BEARING 6207E TNH, 35-72-17	1	1						
14		944-320	WASHER 7.2/18.8/3	4	4						

☆ROTAX 912. 914 4Cycle Parts

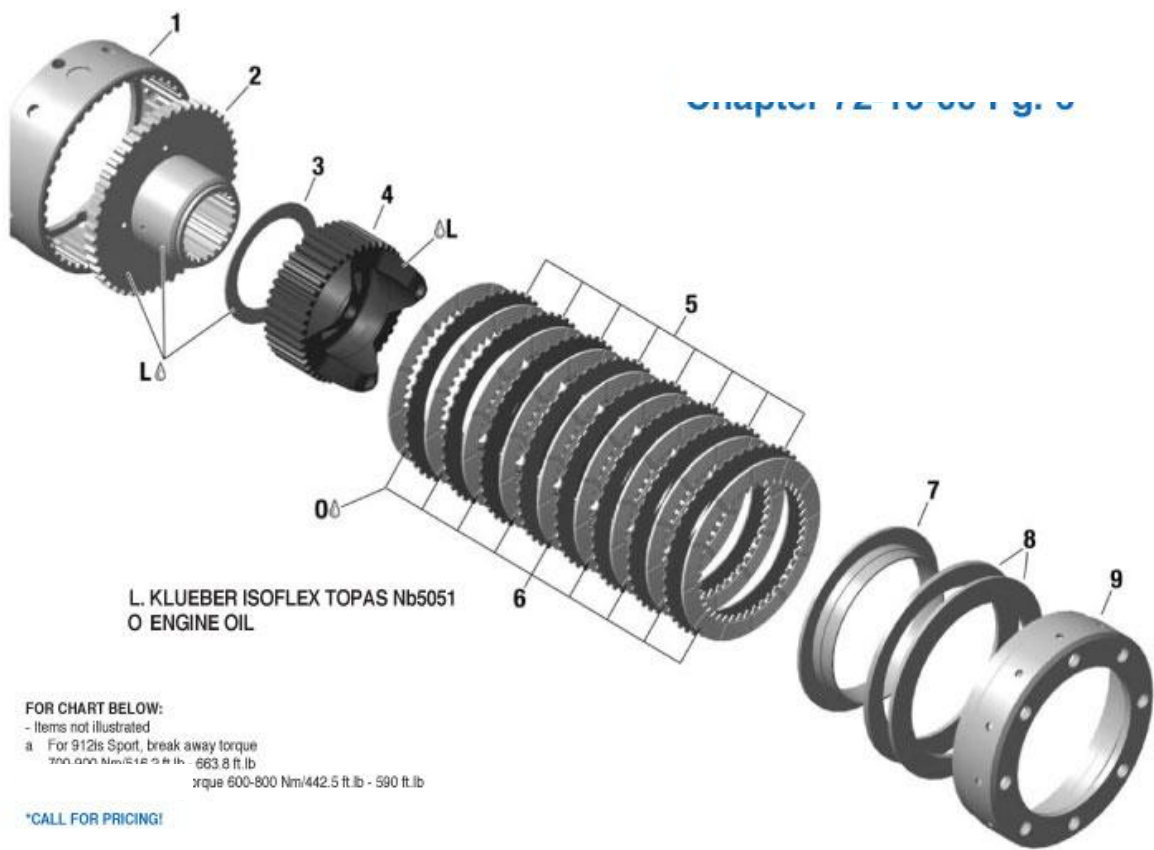
★ROTAX 912,914 UL OVERLOAD CLUTCH PARTS



FOR CHART BELOW:
- Items not illustrated
a For gear sets part no. 886125, 886517; thin dog gear (22 mm / 0.87 in.)
b For gear set part no. 886518; wide dog gear (27 mm / 1.06 in.)
c With additional bores to drain lead

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		958-912	CLUTCH DRUM	1c	1c	1c
2		958-905	CLUTCH HUB	1	1	1
3		944-080	THRUST WASHER 45.2/60/1	1	1	1
4		958-920	DOG HUB NARROW	1a		1a
4		958-924	DOG HUB WIDE, 7°		1b	1b
5		958-931	STEEL FRICTION PLATE 1.0 MM	9	9	9
6		958-944	SINTER FRICTION PLATE 1.8 MM	8	8	8
7		958-951	SUPPORT RING	1	1	1
8		838-161	DISK SPRING 100X76X2.7	2	2	2
9		842-643	COLLAR NUT M102X1.5	1c	1c	1c

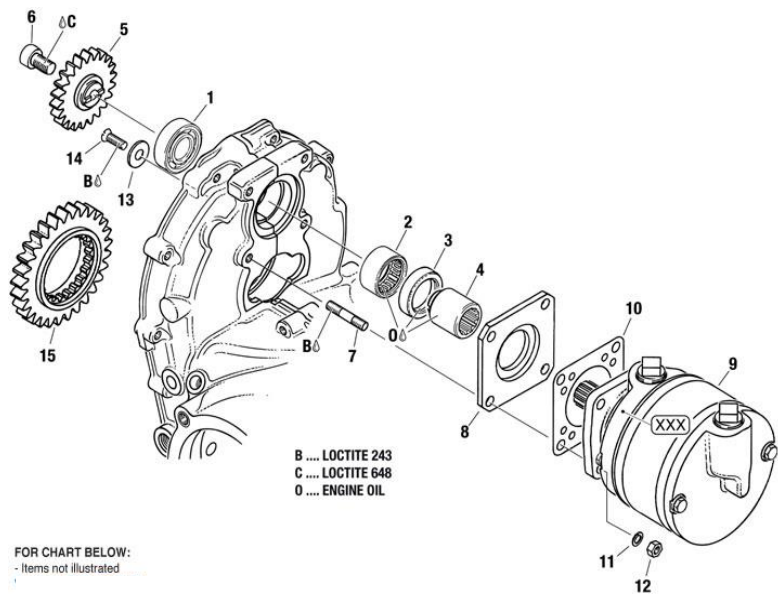
★ROTAX 912iS OVER LOAD CLUTCH PARTS



No.	Status	Part Number	Description	Qty 912 iS	Qty 912 iS Sport
1-9		996-915	OVERLOAD CLUTCH ASSEMBLY	1b	
1-9		996-916	OVERLOAD CLUTCH ASSEMBLY		1a
1		958-912	CLUTCH DRUM	1	1
2		958-905	CLUTCH HUB	1	1
3		944-080	THRUST WASHER 45.2/60/1	1	1
4		958-926	DOG HUB	1	1
7		958-951	SUPPORT RING	1	1
8		838-161	DISK SPRING 100X76X2.7	2	2
9		842-643	COLLAR NUT M102X1.5	1	1

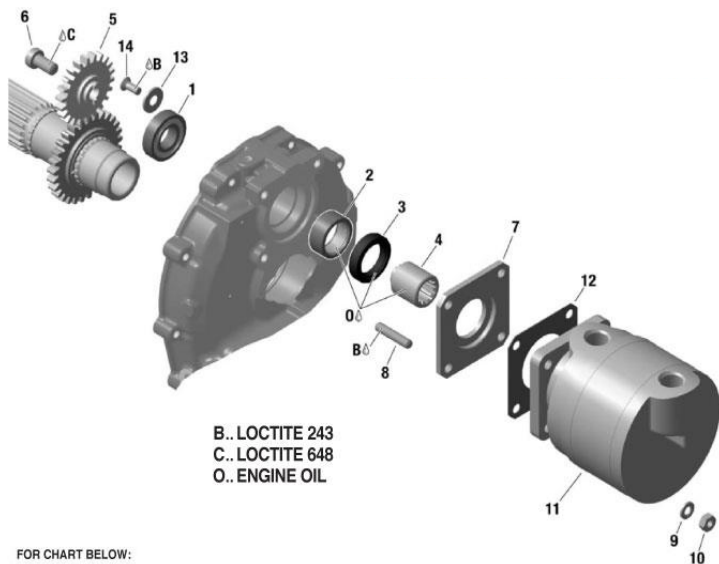
★ROTAX 912. 914 4Cycle Parts

★ROTAX 912,914 UL VACUUM PUMP WITH DRIVE



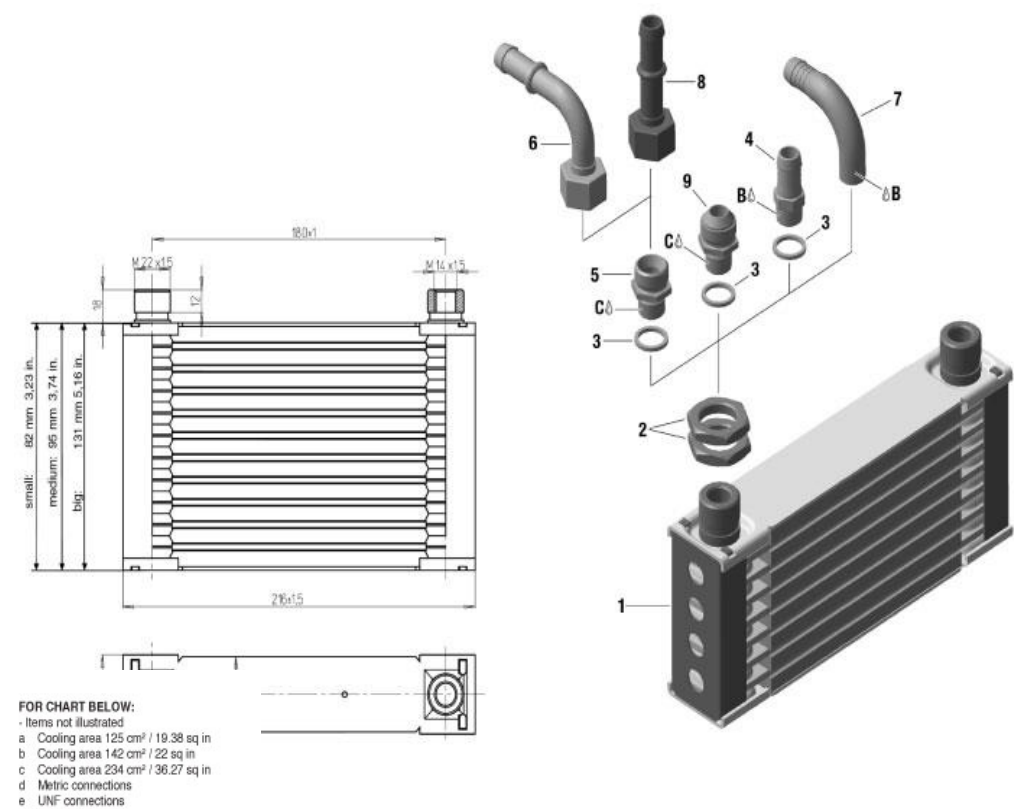
No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1 1-8		881-690	VACUUM PUMP DRIVE RETROFIT KIT	AR	AR	AR
1		832-360	BALL BEARING 16002	1	1	1
2		232-925	NEEDLE SLEEVE 22X28X12	1	1	1
3		831-265	OIL SEAL AS 22X32X7	1	1	1
4		847-776	DRIVE SLEEVE, SHORT	1	1	1
5		834-245	VACUUM PUMP GEAR 22 T.,	1	1	1
6		941-527	ALLEN SCREW M8X14	1	1	1
7		941-080	STUD M6X20/10 / TORQUE: 5 NM / 45 IN.LB.	4	4	4
8		810-170	ATTACHMENT FLANGE	1	1	1
11		827-961	WASHER 6.4	4	4	4
11		945-751	LOCK WASHER A6	4	4	4
12		242-211	HEX.NUT M6	4	4	4

★ROTAX 912iS SERIES VACUUM PUMP WITH DRIVE



No.	Status	Part Number	Description	Qty 912iS	Qty 912iS Sport
1 1-8		881-690	VACUUM PUMP DRIVE RETROFIT KIT	AR	AR
1		832-362	BALL BEARING 16002	1	1
2		232-925	NEEDLE SLEEVE 22X28X12	1	1
3		831-265	OIL SEAL AS 22X32X7	1	1
5		834-245	VACUUM PUMP GEAR 22 T.,	1	1
6		941-527	ALLEN SCREW M8X14/ TORQUE: 25 NM / 19 FT. LB.	1	1
7		810-170	ATTACHMENT FLANGE	1	1
8		941-080	STUD M6X20/10 / TORQUE: 5 NM / 45 IN.LB.	4	4
9		945-751	LOCK WASHER A6	4	4
10		242-211	HEX.NUT M6 / TORQUE: 10 NM / 90 IN.LB.	4	4

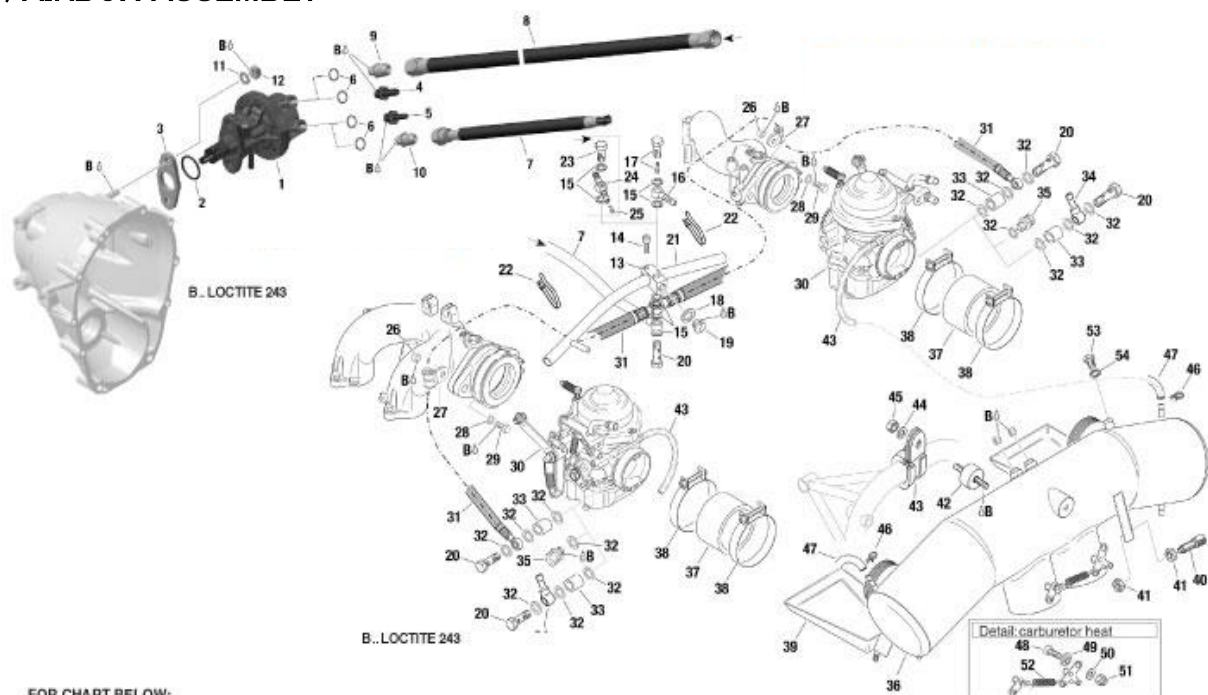
★ROTAX 912,914 UL OIL RADIATOR PARTS



No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1-4		886-033	OIL RADIATOR-SET	(1bd)		(1)
1,2,3,9		886-036	OIL RADIATOR-SET	(1)c	(1)c	(1)c
1	N	886-024	OIL RADIATOR	(1cd)	(1cd)	(1cd)
2	N	242-879	HEX NUT M22x1.5	(4)	(4)	(4)
3		230-387	GASKET RING A 14.2/18/2	(2)	(2)	(2)
4		840-461	NIPPLE 13.2/9.5-M14x1.5	(2)	(2)	(2)
5		956-577	M18x1.5/M14x1.5	(2)	(2)	(2)
6		956-580	BENT SOCKET ASSEMBLY	AR	AR	AR
7		924-585	ANGULAR TUBE M14X1.5 / TORQUE: 22 NM / 195 IN.LB.	AR	AR	AR
8		956-610	HOSE NIPPLE WITH UNION NUT / TORQUE: 25 NM / 18 FT.LB.	AR	AR	AR
9		956-643	ADAPTOR 3/4-16 UNF/ M14 X 1.5 / TORQUE: 35 NM / 26 FT.LB.	(2)	(2)	(2)
3,5,8		956-615	SCREW CONNECTION SET STRAIGHT	(1)	(1)	(1)
3,5,6		956-585	SCREW CONNECTION SET BENT	(1)	(1)	(1)
2,3,9		956-645	SCREW CONNECTION SET UNF	(1)	(1)	(1)

★ROTAX 912. 914 4Cycle Parts

★ROTAX 912 UL FUEL PUMP ASSEMBLY/FUEL HOSE ASSEMBLY /AIRBOX ASSEMBLY



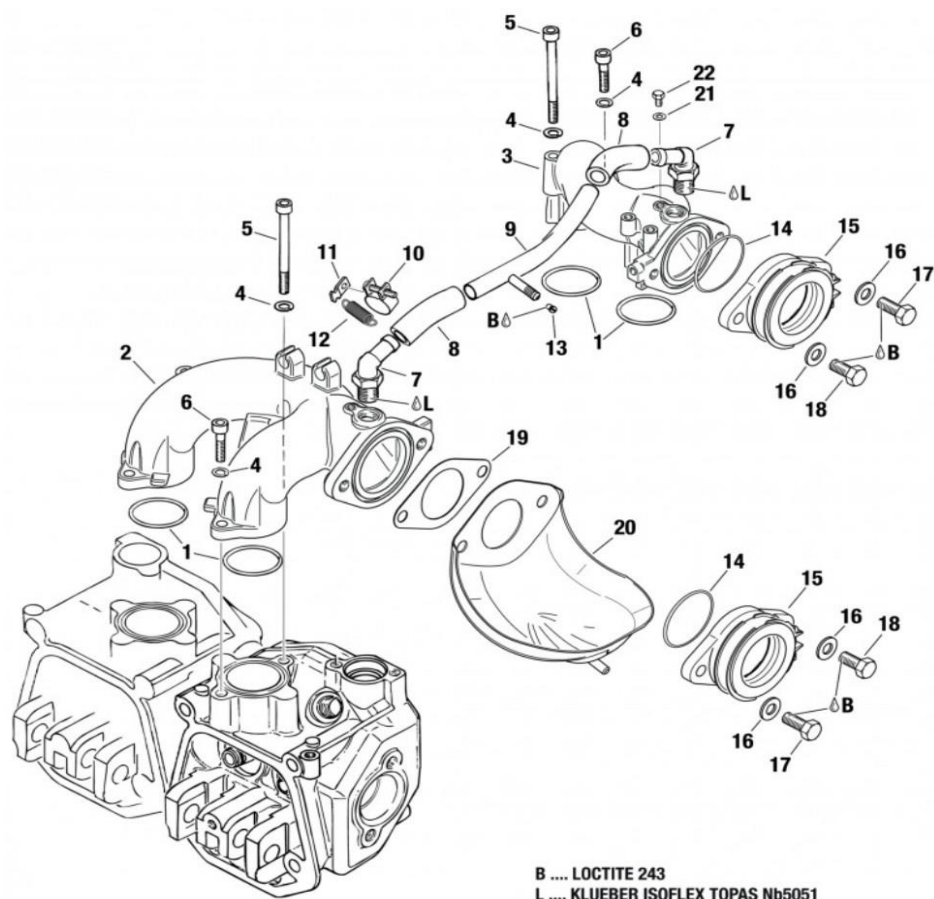
FOR CHART BELOW:

- Items not illustrated
- a Marked with S/N. Inclusive suction- and pressure line;
- b Marked with S/N.
- c With fuel pressure gauge connection; At conversion from 956312 to 956602 remove jet 963820 from banjo bolt.
- d Marked with yellow dot ;
- e Drip tray for airbox part no. 867758, 867162 and 667167
- f Drip tray for airbox part no. 867758
- g For retrofitting following Service Bulletin has to be noticed SB-912-044 current issue
- h Optional with connection flexible fuel lines;
- i See S1 912-020 current issue
- j For steel pipe

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS
1-3		893-115	FUEL PUMP ASSEMBLY	1	1
2		631-870	O-RING 23.47X2.62	1	1
3		950-227	ISOLATING FLANGE	1	1
4		840-745	NIPPLE 9/5.7	1i	1i
6		250-425	GASKET RING 10.2X15X1.5	2i	2i
7		874-337	FUEL HOSE ASSEMBLY	1i	1i
8		874-347	FUEL HOSE ASSEMBLY	1i	1i
9		840-770	18 UNF, M10X1	1i	1i
10		840-775	M10X1	1i	1i
11		945-752	LOCK WASHER A8	2	2
12		942-674	HEX. NUT M8 SW11	2	2
13		851-327	CLAMP BLOCK	(1)	(1)
14		840-518	ALLEN SCREW MSX16 / TORQUE: 6 NM / 55 IN.LB.	(1)	(1)
15		950-143	GASKET RING A 8X13	(5)	(5)
16		956-312	HOSE NIPPLE 3/4	(1)	(1)
17		840-737	BANDJO BOLT ASSEMBLY / TORQUE: 10 NM / 90 IN.LB.	(1)d	(1)d
18		230-150	SEALING RING 10X14	(1)	(1)
19		641-733	SLOTTED HEAD SCREW M10X1X8 / TORQUE: 15 NM / 135 IN.LB.	(1)	(1)
20		940-872	BANDJO BOLT MSX1X27 / TORQUE: 10 NM / 90 IN.LB.	(3)	(3)
22		866-716	CABLE TIE 550X8.0	(2)	(2)
23		941-780	BANDJO BOLT MSX1X17 / TORQUE: 10 NM / 90 IN.LB.	(1)	(1)
24-25		956-602	DOUBLE HOSE NIPPLE ASSY.	(1)c	(1)c
25		963-820	PILOT JET 35	(1)	(1)

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS
26		942-671	HEX. NUT M8	2	2
27		651-430	CABLE CLAMP 12/M8	(2)	(2)
31		874-911	FUEL HOSE ASSY.	(1)	(1)
32		950-141	GASKET RING A 8X13	(6)	(6)
33		847-796	DISTANCE SLEEVE 8.4/12/7.5	(2)	(2)
35		941-853	FUEL LINE CONNECTOR	1j	1j
36-52		667-355	AIRBOX ASSEMBLY	(1)bg	(1)bg
37		860-985	35 MM	(2)	(2)
38		853-595	CLAMP 59	(4)	(4)
39		874-680	DRIP TRAY SET	(1)e	(1)e
41		241-440	ADJUSTMENT SCREW M6X0.75	(2)	(2)
42		960-151	RUBBER PUFFER 20X15XM6	(1)	(1)
43		853-010	CABLE CLAMP 32/M6	(1)	(1)
44		927-941	WASHER 6.0/12/1	(1)	(1)
46		851-370	CLAMP 8	(4)	(4)
47		860-660	HOSE 4X7	(2)	(2)
48		241-847	ALLEN SCREW MSX12	(1)	(1)
49		847-741	GRADUATED SLEEVE	(1)	(1)
-		881-980	RETROFIT KIT FLEX. FUEL LINES	1i	1i
50		827-800	WASHER A 5.5	(1)	(1)
51		842-030	LOCK NUT M5	(1)	(1)
52		938-030	SPRING	(1)	(1)
53		240-771	HEX.SCREW M6X10	(1)	(1)
54		230-415	SEALING RING A 6X10	(1)	(1)

RUBBER FLANGE ASSY

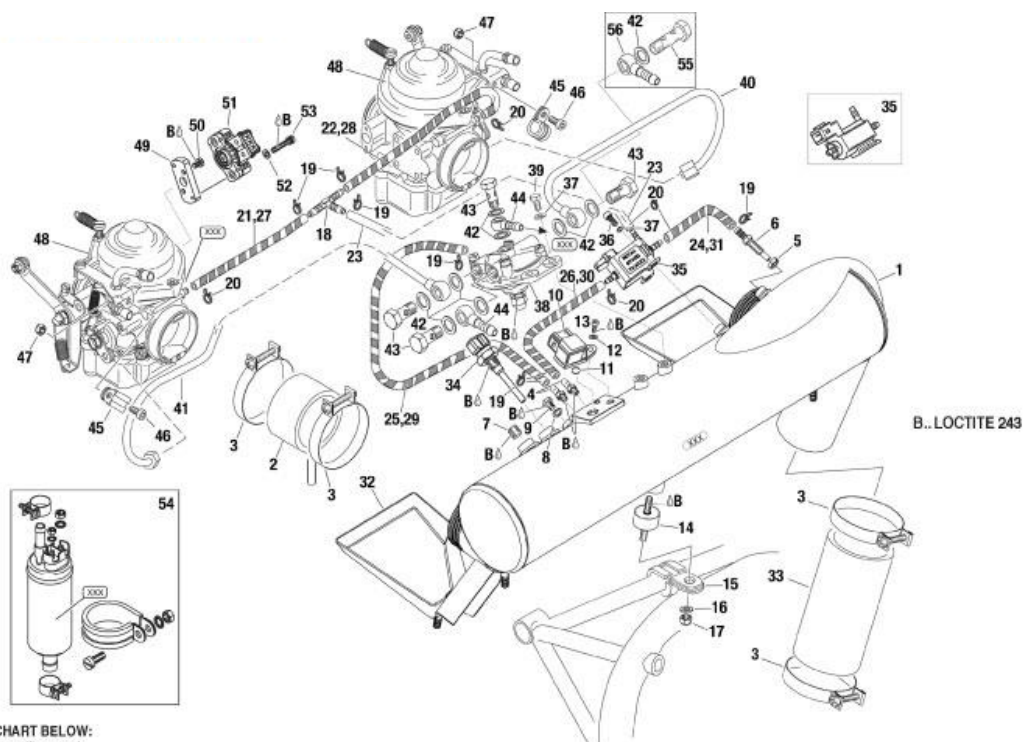


B LOCTITE 243
L KLUEBER ISOFLEX TOPAS Nb5051

Fig.No.	Part No.	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1	230 910	O-Ring 34x2	4	4	4
2	867 932	Intake Manifold Assembly 2/4	1al	1al	1al
3	867 935	Intake Manifold	1kl	1kl	1kl
4	827 961	USE 827-962	8	8	8
4	827 962	Washer 6,4 DIN 125	8	8	8
4	945 751	USE 945-831	8	8	8
5	240 533	Allen Screw M6x70	4c	4c	4c
5	241 871	Allen Screw M6x70	4d	-	4d
5	240 531	USE 240 533 Allen Screw M6x75	4c	4	4c
6	840 861	USE 840-866	4	4	4
7	922 242	Angular Tube 1/4-18NPT	2	2	2
8	956 141	Tube 81 MM	2	2	2
9	924 541	Compensating Tube Assembly	1j	1j	1j
10	853 515	Clamp 16/9	2	2	2
11	953 400	Bracket	2	2	2

Fig.No.	Part No.	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
12	xxx xxx	See 914 Carburetor Single Parts	1	1	1
13	940 980	Screw M3.5	1j	1j	1j
14	230 290	O-Ring 44x2	2b	-	2b
14	230 300	O-Ring 47x2	2c	2	2c
15	267 789	Carburetor Socket Assembly	2f	2f	2f
16	250 311	USE 250-315	4	4	4
16	250 315	Washer 8,4, DIN 125	4	4	4
17	940 481	USE 940 483 Hex Screw M8x30 / Torque: 15 Nm / 135 in. lb.	2j	2j	-
17	940 483	Hex Screw M8x30	2j	2j	
18	240 276	USE 240-277	2j	2j	4
18	240 277	Hex Screw M8x25	2j	2j	4
19	931 640	Gasket	2e	-	2e
20	874 300	Drip Tray	(2g)	(2g)	2
21	230 415	Gasket Ring A6x10 DIN 7603	2	2	2
22	641 071	Hex Screw ISO 4017 M6x6 8.8	2	2	2

★ROTAX 914 UL AIRBOX ASSEMBLY / 3-WAY SOLENOID VALVE ASSEMBLY /FUEL PRESSURE REGULATOR ASSEMBLY



FOR CHART BELOW:

- Items not illustrated
- a Marked with S/N.
- b Only for TCU part no. 966470;
- c For cylinder 2/4
- d For cylinder 1/3
- e Used as water trap
- f Also included in carburetor for 914 Cyl. 2/4.
- g Drip tray for airbox part no. 867758, 867162 and 867167
- h For use of airbox part no. 867162. See therefore SI-914-013 current issue
- i For use of airbox part no. 867167. See therefore SI-914-015 current issue
- j For use of airbox part no. 867753
- k New adapter flange use only together with throttle valve position sensor. See therefore SI-25-1997
- l See Service Instruction SI-914-022 current issue
- m Optional for fuel pressure gauge connection
- n Not for TCU - part no. 966470

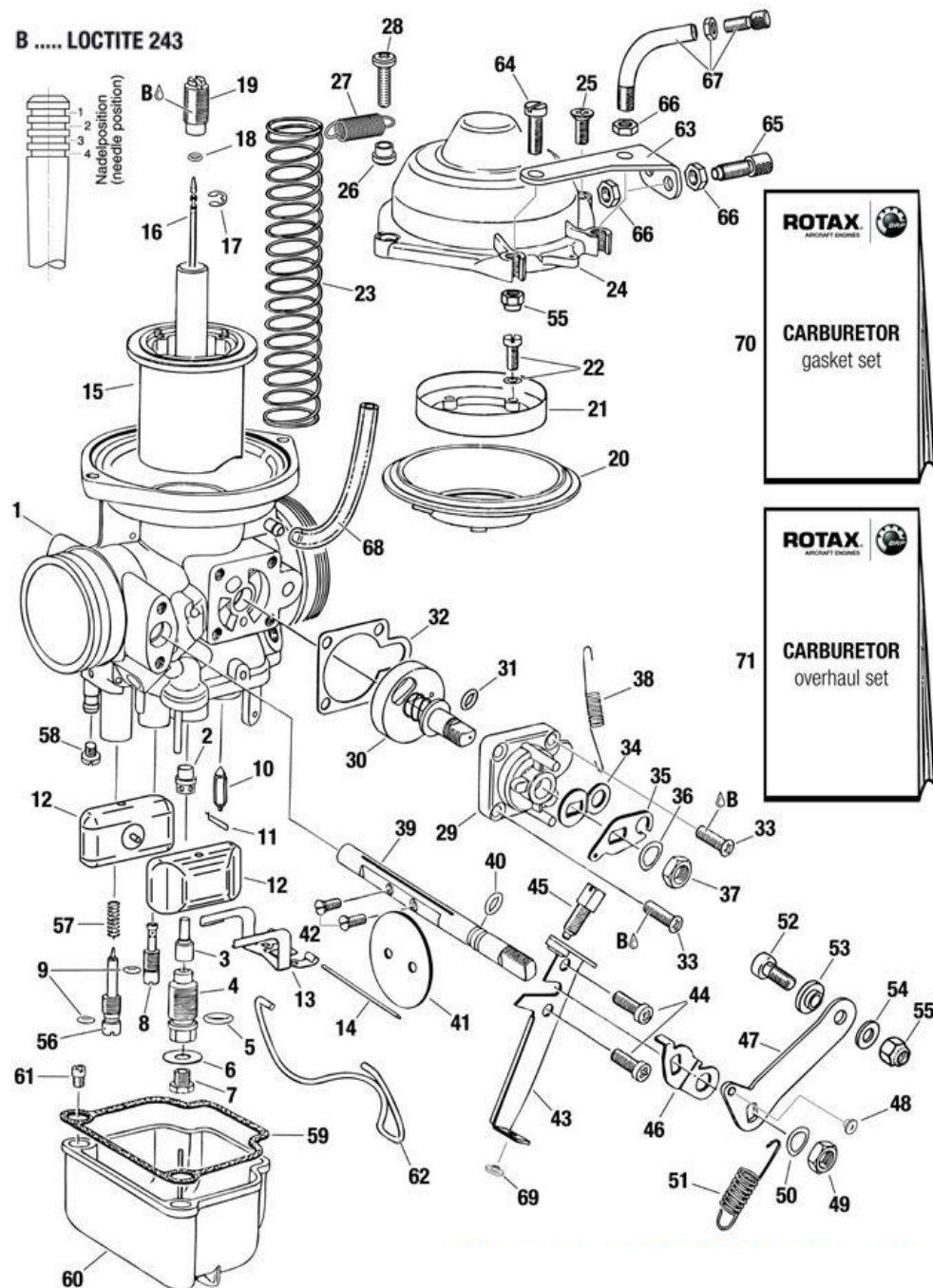
*CALL FOR PRICING!

No.	Status	Part Number	Description	Qty 914 UL
3		667-574	AIRBOX ASSEMBLY	1a
1-33				
2		860-985	CONNECTING HOSE 35 MM	(2)
2		860-982	CONNECTINGHOSE 35 MM	(2)
3		853-595	CLAMP 59	6
4		940-551	HOSE NIPPLE M6 / TORQUE: 3 NM / 26 IN.LB.	2
5		242-031	HEX.NUT BM6	1
6	N	940-555	HOSE NIPPLE M6 / TORQUE: 3 NM / 26 IN.LB.	1
7		240-480	PLUG SCREW 1/8-27NPT	1
8		230-415	SEALING RING A 6X10	1
9		641-071	HEX.SCREW M6X6-8.8	1
11		430-205	O-RING 6.4X1.8	1
12		244-216	WASHER 6.2/14/1	1
13		840-391	ALLEN SCREW M6X14	1
14		960-151	RUBBER PUFFER 20X15XM6	1
15		853-010	CABLE CLAMP 32/M6	1
16		927-941	WASHER 6.0/12/1	3
18		874-270	T-PEACE 6-6-6	2
19		851-370	CLAMP 8	7
20		951-595	CLAMP 7.3	5
21-28		860-660	HOSE 4X7	AR
27-31		966-060	SPIRAL HOSE 6.5X8.5X0.6	AR
32		874-680	DRIP TRAY SET	(1g)
33		860-984	AIR INTAKE HOSE ± 3 mm	1

No.	Status	Part Number	Description	Qty 914 UL
34		966-435	RESISTANCE THERMOMETER / TORQUE: 15 NM / 135 IN.LB. TORQUE: 15 NM / 135 IN.LB.	1n
34		966-430	RESISTANCE THERMOMETER / TORQUE: 15 NM / 135 IN.LB.	1b
35		874-310	3-WAY SOLENOID VALVE 12V	1l
35		874-313	3-WAY SOLENOID VALVE ASSY.	1l
35		881-040	3-WAY SOLENOID VALVE RETROFIT KIT	1l
37		945-751	LOCK WASHER A6	4
38		887-130	FUEL PRESSURE REGULATOR ASSY.	1
39		241-186	HEX.SCREW M6X16 / TORQUE: 8 NM / 70 IN.LB.	2
40		874-290	FUEL HOSE ASSY. 1/3	1d
41		874-280	FUEL HOSE ASSY. 2/4	1c
42		230-150	GASKET RING 10X14	9
43		940-874	BANJO BOLT M10X1X19 / TORQUE: 15 NM / 135 IN.LB.	4
44		956-314	HOSE NIPPLE 4/6	2
45		851-115	CABLE CLAMP 5/M5	2
46		241-841	ALLEN SCREW M5X12	2
47		842-030	LOCK NUT M5	2
49		861-931	ADAPTOR	1k
50		640-181	SLOTTED HEAD SCREW M4X7	2f
51		966-482	THROTTLE VALVE POSITION SENSOR	1k
52		244-073	WASHER 4.3	2f
53		841-030	COMBINED SCREW M4X22	2f
54		996-738	FUEL PUMP	2
55	N	940-873	BANJO BOLT M10X1X30	(1m)

☆ROTAX 912. 914 4Cycle Parts

★ROTAX 912,914 UL CARB - SINGLE PARTS



FOR CHART BELOW:

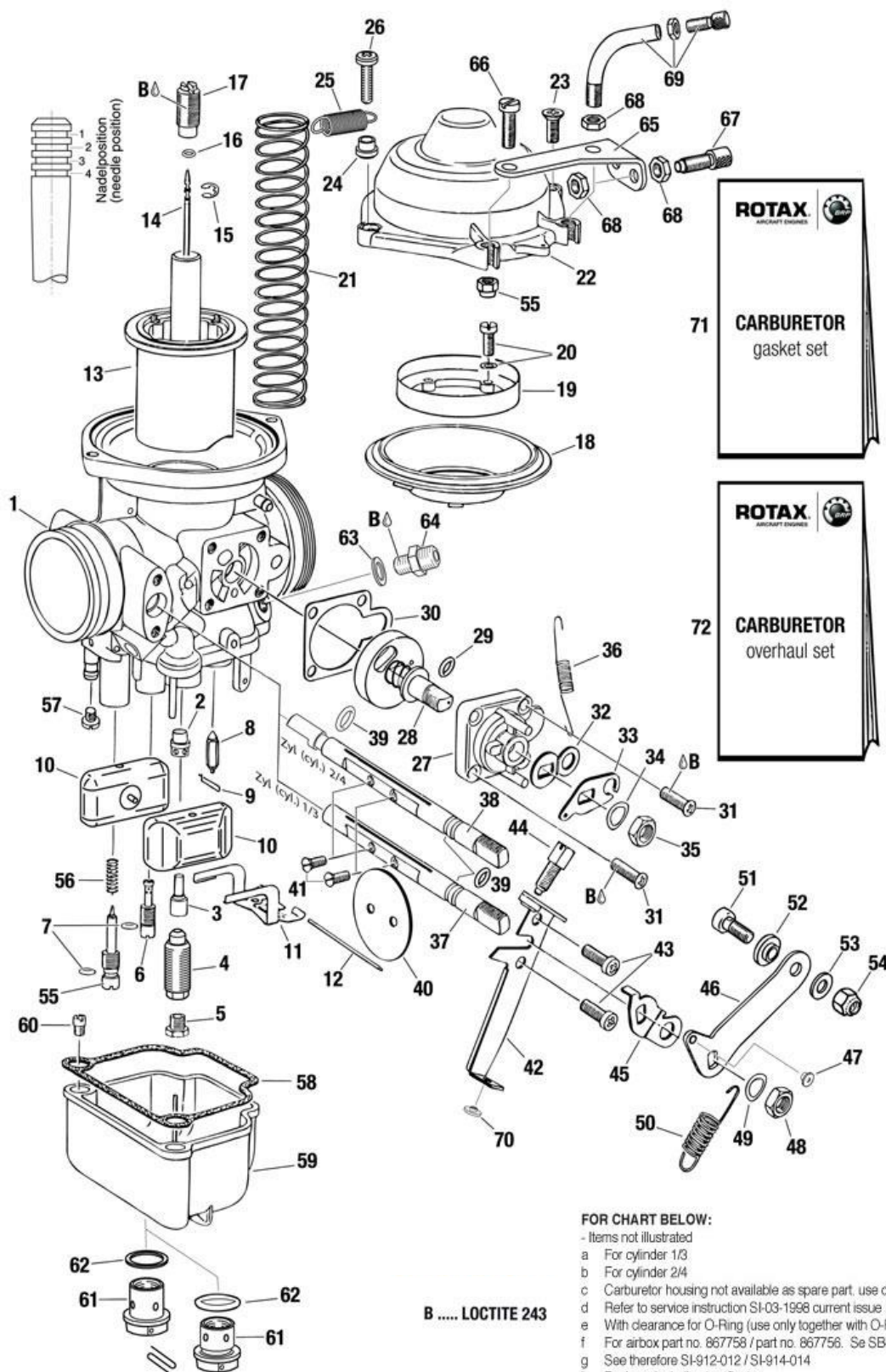
- Items not illustrated
- a For cylinder 1/3
- b For cylinder 2/4
- c Carburetor housing not available as spare part, use carburetor ASSEMBLY;
- d Refer to service instruction SI-03-1998 current issue
- e With clearance for O-Ring (use only together with O-Ring Pos. 18 (part no. 950430));
- f For airbox part no. 867758 / part no. 867756. Se SB-912-044
- g See therefore SI-912-012 / SI-914-014
- h Package including two floats
- i Special jetting according to instructions of the manufacturer
- j Contain parts requirement for 2 carburetors
- k Overhaul-kit for 1 carburetor

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS
2		961-200	DIFFUSER	1	
2		961-202	DIFFUSER		1
3		261-607	NEEDLE JET 2.72	1	
3		261-608	NEEDLE JET 2.70		1
4		963-130	MIXING TUBE	1	1
5		430-800	O-RING 8X2	1	1
6		827-160	SHIM	1	1
7		268-985	MAIN JET 160		1i
7		268-984	MAIN JET 155	(1)f	1
7		268-996	MAIN JET 158	1	
8		963-143	IDLE JET 35	1	1
9		831-713	O-RING 3.2X1.8	2g	2g
10		261-708	FLOAT NEEDLE VALVE W. VITON TIP	1g	1g
11		261-710	FLOAT NEEDLE CLIP	1	1
12		861-184	FLOATS PAIR	1h	1h
13		861-192	FLOAT BRACKET	1	1
14		929-702	PIN	1	1
15		961-230	CARBURETOR PISTON	1	1
16		961-215	JET NEEDLE	1	1
17		945-785	CIRCLIP	1	1
18		950-430	O-RING 2.5X1.5-N	1	1
19		961-293	FIXATION SCREW	1e	1e
20	N	861-116	DIAPHRAGM	1	1
21		961-240	RETAINING RING	1	1
22		841-210	COMBINED SCREW M4X12	4	4
23		938-365	THROTTLE VALVE SPRING	1	1
24		961-250	CHAMBER TOP	1	1
26		847-910	DISTANCE SLEEVE	1	1
27		838-242	SPRING	1	1
28		640-251	PHILLIPS PAN-HEAD SCREW M5x20	1	1
29		961-280	CHOKE HOUSING	1	1
30		961-273	CHOKE VALVE ASSEMBLY 1/3	1a,g	1a,g
30		961-278	CHOKE VALVE ASSEMBLY 2/4	1b,g	1b,g
31		950-420	O-RING 5X1.5	1	1
32		950-030	GASKET	1	1
33		841-360	PHILLIPS HEAD SCREW M4X14	4	4
34		848-241	CHOKE LEVER INSIDE	1	1
35		848-245	CHOKE LEVER OUTSIDE	1	1
36		845-035	SPRING WASHER 8.3/13.6/0.4	2	2
37		942-290	HEX.NUT M8X1 / TORQUE: 6-7 NM / 55-62 IN.LB.	2	2

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS
38		938-287	RETURN SPRING	1	1
39		963-992	THROTTLE SHAFT	1	1
40		950-020	O-RING 6X1.9	1	1
41		963-666	THROTTLE VALVE	1	1
42		941-200	SLOTTED HEAD SCREW M3X6	2	2
43		961-262	CABLE SUPPORT 1/3	1a,j	1a,j
43		961-267	CABLE SUPPORT 2/4	1b,j	1b,j
44	N	240-357	OVAL HEAD SCREW M4x10	2	2
45		963-162	THROTTLE VALVE STOP SCREW	1	1
46		848-232	STOP LEVER 2/4	1b	1b
46		848-230	STOP LEVER 1/3	1a	1a
47-48		963-026	THROTTLE VALVE LEVER 1/3	1a,g	1a,g
47-48		963-021	THROTTLE VALVE LEVER 2/4	1b,g	1b,g
48		963-015	SLEEVE	1	1
51		938-289	RETURN SPRING	1	1
52		241-847	ALLEN SCREW M5X12	1	1
53		847-740	GRADUATED SLEEVE	1	1
54		827-800	WASHER A 5.5	1	1
55		842-030	LOCK NUT M5	2	2
56		961-222	IDLE MIXTURE SCREW	1	1
57		239-463	COMPRESSION SPRING	1g	1g
58		941-740	SLOTTED HEAD SCREW M3.5X5	1	1
59		830-727	GASKET	1	1
60-61		963-230	FLOAT CHAMBER ASSY. 1/3	1	1
60-61		963-232	FLOAT CHAMBER ASSY. 2/4	1	1
61		268-758	JET 85	1	1
61		268-762	JET 105	(1)d	(1)d
61		268-763	JET 130	(1)d	(1)d
61		268-765	JET 140	(1)d	(1)d
62		963-180	SPRING CLIP	1	1
64		240-761	SLOTTED HEAD SCREW M5x16	1	1
65		241-440	SLOTTED HEAD SCREW M5x16	1	1
66		942-541	HEX. NUT M6x0.75 HIGHT 3 MM	3	3
67		861-640	BENT TUBE ASSEMBLY	1	1
68		256-035	AIR VENT LINE 120 MM	1	1
69		963-010	SLEEVE	1	1
70		996-947	GASKET SET CARBURETOR	1j	1j
71	N	889-536	OVERHAUL KIT CARBURETOR	1k	1k

★ROTAX 912. 914 4Cycle Parts

★ROTAX 914 UL CARB – SINGLE PARTS



FOR CHART BELOW:

- Items not illustrated
- a For cylinder 1/3
- b For cylinder 2/4
- c Carburetor housing not available as spare part, use carburetor ASSEMBLY;
- d Refer to service instruction SI-03-1998 current issue
- e With clearance for O-Ring (use only together with O-Ring Pos. 18 (part no. 950430));
- f For airbox part no. 867758 / part no. 867756. Se SB-912-044
- g See therefore SI-912-012 / SI-914-014
- h Package including two floats
- i Special jetting according to instructions of the manufacturer
- j Contain parts requirement for 2 carburetors
- k Overhaul-kit for 1 carburetor 1/3 only 1 piece

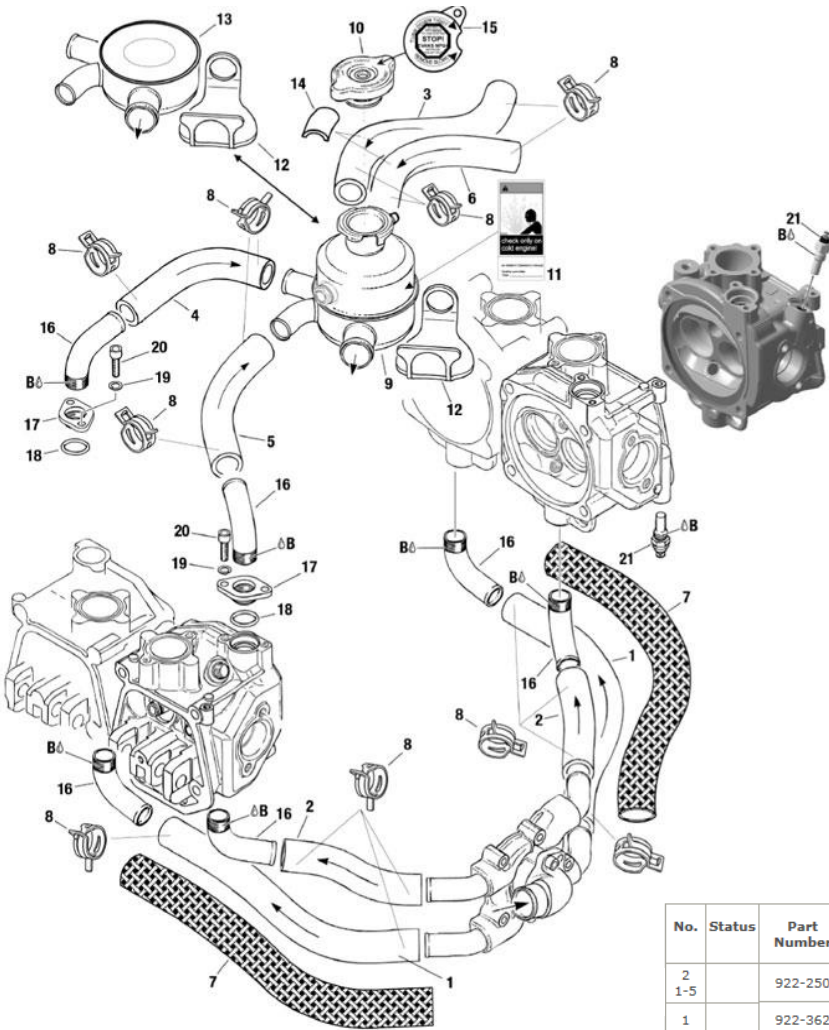
B LOCTITE 243

No.	Status	Part Number	Description	Qty 914 UL
2		961-200	DIFFUSER	1
3		261-607	NEEDLE JET 2.72	1
4		963-135	MIXING TUBE	1
5		268-997	MAIN JET 156	1g
5		268-996	MAIN JET 158	1b,g
5		268-985	MAIN JET 160	1h
5		268-993	MAIN JET 164	1b,h
6		963-143	IDLE JET 35	1
7		831-713	O-RING 3.2X1.8	2f
8		261-708	FLOAT NEEDLE VALVE W. VITON TIP	1f
10		861-184	FLOATS PAIR	1i
11		861-192	FLOAT BRACKET	1
12		929-702	PIN	1
13		961-230	CARBURETOR PISTON	1
14		961-215	JET NEEDLE	1
15		945-785	CIRCLIP	1
16		950-430	O-RING 2.5X1.5-N	1
17		961-293	FIXATION SCREW	1e
18		861-116	DIAPHRAGM	1
19		961-240	RETAINING RING	1
20		841-210	COMBINED SCREW M4X12	4
21		938-365	THROTTLE VALVE SPRING	1
22		961-250	CHAMBER TOP	1
23		841-340	COUNTERSUNK SCREW M5x12	1
24		847-910	DISTANCE SLEEVE	1
25		838-242	SPRING	1
26		640-250	PHILLIPS PAN-HEAD SCREW M5x20	1
27		961-280	CHOKE HOUSING	1
28	N	961-273	CHOKE VALVE ASSEMBLY 1/3	1a,f
29		950-420	O-RING 5X1.5	1
30		950-030	GASKET	1
31		841-360	PHILLIPS HEAD SCREW M4x14	4
32		848-240	CHOKE LEVER INSIDE	1
33		848-245	CHOKE LEVER OUTSIDE	1
34		845-035	SPRING WASHER 8.3/13.6/0.4	2
35		942-290	HEX.NUT M8X1 / TORQUE: 6-7 NM / 55-62 IN.LB.	2
36		938-287	RETURN SPRING	1
37		963-992	THROTTLE SHAFT	1a
38		963-994	THROTTLE SHAFT (long)	1b

No.	Status	Part Number	Description	Qty 914 UL
39		950-020	O-RING 6X1.9	2j
40		963-666	THROTTLE VALVE	1
41		941-200	SLOTTED HEAD SCREW M3X6	2
42		961-262	CABLE SUPPORT 1/3	1a,f
42		961-267	CABLE SUPPORT 2/4	1b,f
43		241-212	SLOTTED HEAD SCREW M4x10	2
44		963-162	THROTTLE VALVE STOP SCREW	1
45		848-232	STOP LEVER 2/4	1b
45		848-230	STOP LEVER 1/3	1a
46-47		963-026	THROTTLE VALVE LEVER 1/3	1a,f
46-47		963-021	THROTTLE VALVE LEVER 2/4	1b,f
47		963-015	SLEEVE	1
50		938-289	RETURN SPRING	1
51		241-847	ALLEN SCREW M5x12	1
52		847-740	GRADUATED SLEEV	1
53		827-800	WASHER A5.5	1
54		842-030	LOCK NUT M5	2
55		961-222	IDLE MIXTURE SCREW	1
56		239-463	COMPRESSION SPRING	1f
57		941-0740	SLOTTED HEAD SCREW M3.5x5	1
58		830-727	GASKET	1
59-60		963-235	FLOAT CHAMBER ASSEMBLY 1/3	1
59-60		963-237	FLOAT CHAMBER ASSEMBLY 2/4	1
60		268-758	JET 85	1
60		268-762	JET 105	(1)d
60		268-763	JET 130	(1)d
60		268-765	JET 140	(1)d
61-62		963-281	ATTACHMENT SCREW ASSY. DREHMOMENT/TORQUE: 5,5 NM / 48 IN.LB.	1f
62		631-771	O-RING 15.6x1.78	1f
63		950-141	GASKET RING A 8x13	1
64		941-853	FUEL LINE CONNECTOR	1
66		240-761	ZYL. SCHRAUBE M5x16 SLOTTED HEAD SCREW M5x16	1
67		241-440	ADJUSTMENT SCREW M6x0.75	1
68		942-541	HEX. NUT M6x0.75 HIGHT 3 MM	3
69		861-640	BENT TUBE ASSEMBLY	1
70		963-010	BUNDBUECHSE SLEEVE	1
71	N	996-947	GASKET SET CARBURETOR	1k
72	N	889-536	OVERHAUL-KIT CARBURETOR	1

☆ROTAX 912. 914 4Cycle Parts

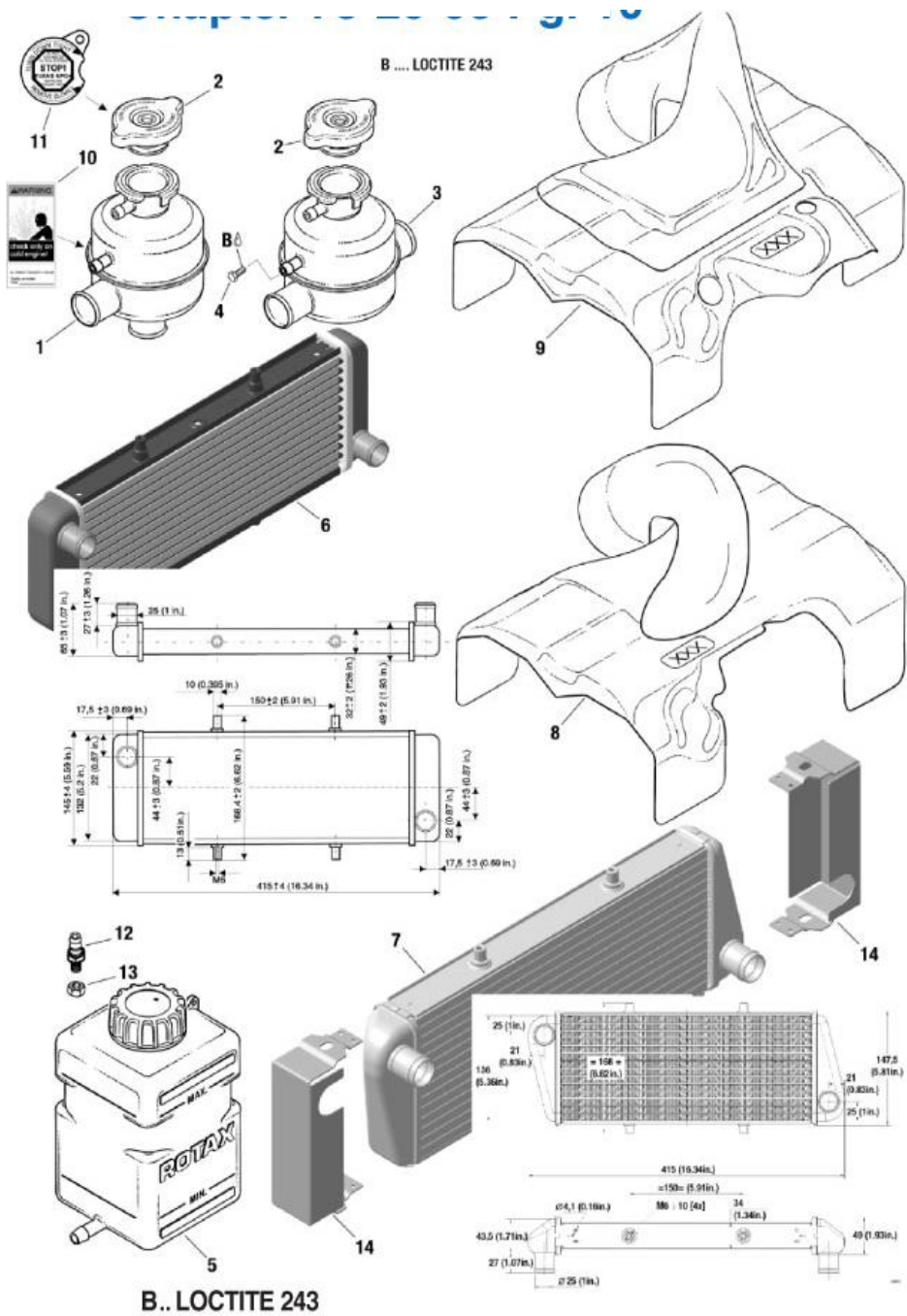
★ROTAX 912,914 UL EXPANSION TANK WITH HOSES AND CONNECTIONS



B..LOCTITE 243

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
2		922-250	WATER TUBE	ARh	ARh	ARh
1-5						
1		922-362	WATER TUBE 280 MM	2a	2a	2a
2		922-360	WATER TUBE 180 MM	2b	2b	2b
3		922-361	285 MM	1c	1c	1c
4		922-363	WATER TUBE 200 MM	1f	1f	1f
5		922-364	WATER TUBE 85 MM	1g	1g	1g
6		922-192	FORM HOSE 90	1e	1e	1e
7		860-650	PROTECTION TUBE (HEAT RESISTANT)			ARh
8		851-645	SPRING TYPE CLAMP 25	16j	16j	16j
9-12	N	851-645	SPRING TYPE CLAMP 25 922-665 EXPANSION TANK ASSY.	1j	1j	1j
10		922-070	RADIATOR CAP WITH GASKET 1.2 BAR	1j	1j	1j
11		897-506	WARNING LABEL	1	1	1
12		860-826	RUBBER PLATE	1	1	1
13		922-263	WATER DISTRIBUTOR ASSEMBLY	(1i)	(1i)	(1i)
14		922-543	PROTECTION HOSE 30 MM	1d	1d	1d
15		898-490	WARNING LABEL EVANS	ARk	ARk	ARk
16		922-231	BENT SOCKET 80 DEGREES	8	8	8
16		922-233	BENT SOCKET 45 DEGREES	(8)	(8)	(8)
17		922-303	FLANGE	4	4	4
18		950-180	O-RING 19x2	4	4	4
19	N	827-961	WASHER 6.4	8	8	8
19	s.v.	945-751	LOCK WASHER A6	8	8	8
20		241-930	ALLEN SCREW M6x20	8	8	8
21		965-531	TEMPERATURE SENSOR	2j	2j	2j

★ROTAX912,914 UL RADIATOR,EXPANSION TANK,OVERFLOW BOTTLE,



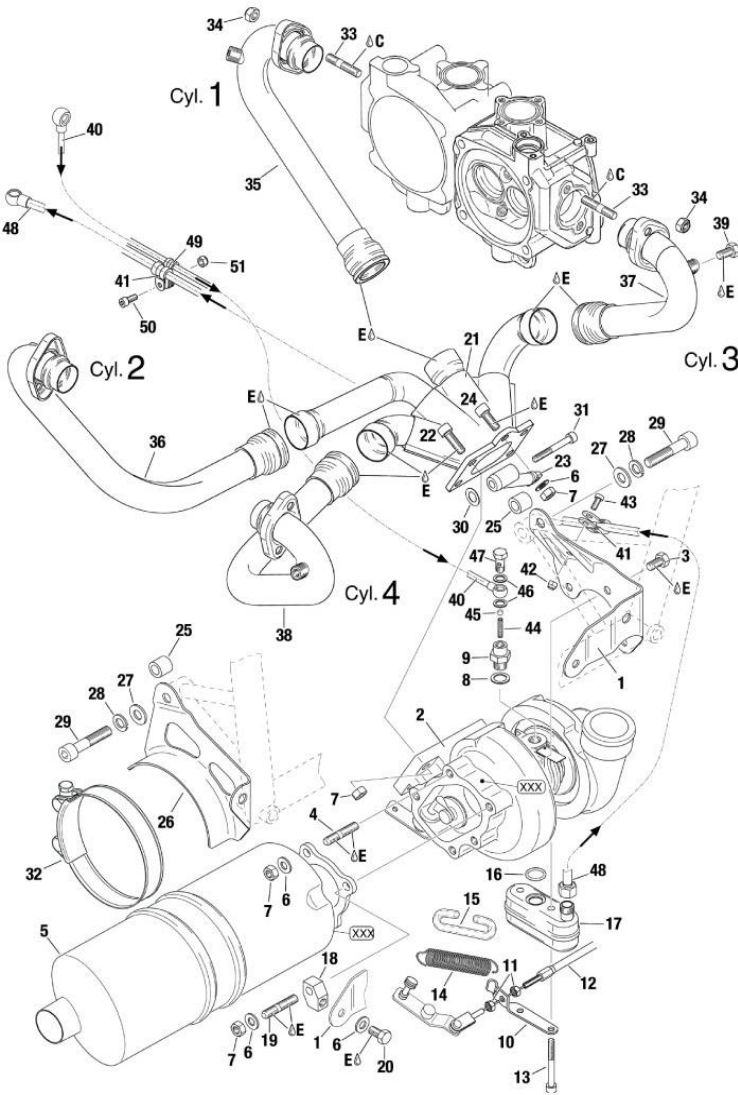
FOR CHART BELOW:

- Items not illustrated
- a Short version; marked with S/N;
- b Edition Diamond
Marked with S/N;
- c See Service Instruction SI-912-020 / SI-914-022 current issue
- d See Service Bulletin SB-912-039 / SB-914-029 current issue
- e See Service Bulletin SB-912-043 / SB-914-029 current issue
- f Same outline dimensions and brackets as TNR. 995609,
but with improved cooling performance (18 % bigger cooling surface)
- g Use together with part no. 997083
For retrofit instead of radiator part no. 997082

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
3	s.v.	922-312	EXPANSION TANK ASSY. 90 DEGR.,	(1)	(1)	(1)
1-2	s.v.	922-317	EXPANSION TANK ASSY. 180 DEGR.,	(1)	(1)	(1)
2-3	N	922-318	EXPANSION TANK ASSEMBLY	(1)	(1)	(1)
2		922-070	RADIATOR CAP WITH GASKET 1.2 BAR	1c	1c	1c
4		641-071	HEX.SCREW ISO M6X6	AR	AR	AR
5		922-327	OVERFLOW BOTTLE WITH CAP	(1)d	(1)d	[(1)d
7		997-083	RADIATOR - STANDARD	(1)f	(1)f	(1)f
8		975-795	COOLING AIR BAFFLE	(1)a	(1)a	(1)a
10		897-506	WARNING LABEL	1	1	1
11		898-490	WARNING LABEL EVANS	(AR)	(AR)	(AR)
13		242-213	HEX. NUT M6	1d	1d	1d

★ROTAX 912. 914 4Cycle Parts

★ROTAX 912,914 UL EXHAUST SYSTEM

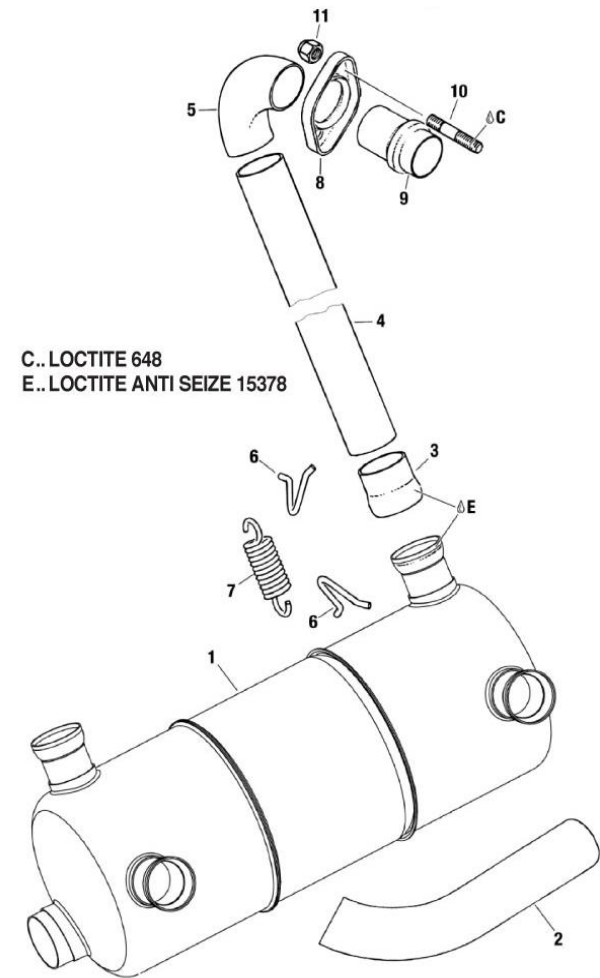


C.. LOCTITE 648
E.. LOCTITE ANTI SEIZE 15378

FOR CHART BELOW:
- Items not illustrated
a Marked with S/N;
b Stainless
c In a roll, Tube 125 mm (4.92 in.)
d With imprinting „oil“;
e See Service INstruction SI-914-022 current issue
f With additional internal bracket from engine S/N 914 F: 4,420.437
g With lubrication hole for waste gate shaft

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		851-293	TURBO BRACKET			1
2-5		887-129	TURBOCHARGER ASSEMBLY / TORQUE: 25 NM / 19 FT.LB.			1agh
3		940-583	HEX. SCREW M8x16 STAINLESS TORQUE: 25 NM/19 FT.LB.			4
4		940-173	STUD M8x19.5/13			4b
5		979-406	MUFFLER ASSY. STAINLESS			1af
6		250-313	WASHER 8.4 STAINLESS			7
7		242-203	HEX. NUT M8 STAINLESS			10
8		250-640	GASKET A 12x18-CU			1
9		956-486	VALVE HOUSING TORQUE: 25 NM/19 FT.LB.			1
10		851-392	CABLE SUPPORT			1
11		242-211	HEX. NUT M6			2
13		640-600	HEX. SCREW M6x55			2
14		838-232	TENSION SPRING STAINLESS			1
15		960-080	SILICONE TUBE 5x8			AR c
16		430-225	O-RING 15.9-2.3			1
17		956-495	OIL SUMP ASSEMBLY			1
18		953-280	SUPPORT PLATE			1
19		641-343	STUD M8x30/13			1a
21		979-414	EXHAUST MANIFOLD ASSEMBLY			1f
22		240-083	ALLEN SCREW M8x25 STAINLESS			4
23		953-303	KPL. ROSTFREI			1
24		240-073	ALLEN SCREW M8x20 STAINLESS TORQUE: 25 NM/19 FT.LB.			1
25		847-841	SPACER 10.5/17/15			2
26		851-302	EXHAUST BRACKET			1
27		927-410	WASHER 10.5			2
28		945-753	LOCK WASHER A10			2
29		640-572	ALLEN SCREW M10x50 TORQUE: 40 NM/30 FT.LB.			2
32		851-311	CLAMP 120 TORQUE: 15 NM/135 IN.LB.			1
35		979-426	EXHAUST BEND CYLINDER 1 STAINLESS	1e		1e
36		979-436	EXHAUST BEND CYLINDER 2 STAINLESS	1e		1e
37		979-446	EXHAUST BEND CYLINDER 3 STAINLESS	1e		1e
38		979-456	EXHAUST BEND CYLINDER 4 STAINLESS	1e		1e
40		956-476	TURBO PRESSURE OIL LINE			1
41		851-111	CABLE CLAMP 8/M5			2
42		942-020	LOCK NUT M5			1
43		241-841	ALLEN SCREW M5x12			1
44		239-130	COMPRESSION SPRING 22,0			1
45		232-440	BALL 5.556 MM			1
46		950-141	GASKET RING A 8x13			2
47		840-730	BANDO BOLT M8x1x17 TORQUE: 8 NM/71 IN.LB.			1d
48		956-470	TURBO OIL SUCTION LINE			1
49		851-116	CABLE CLAMP 5/M5			2

★ROTAX 912,914 UL EXHAUST SYSTEM



C..LOCTITE 648
E..LOCTITE ANTI SEIZE 15378

FOR CHART BELOW:
- Items not illustrated
a Certified part
b 360° anular ring (torus-shaped)

No.	Status	Part Number	Description	Qty 912 UL	Qty 912 ULS	Qty 914 UL
1		978-489	EXHAUST ASSORTMENT STAINLESS STEEL	(1)		
1-7		973-676	EXHAUST ASSORTMENT STAINLESS STEEL	(1)	(1)	
1		978-060	MUFFLER ASSY STANDARD	(1)		
1		973-674	MUFFLER ASSY. STAINLESS	(1)	(1)	
2		978-600	EXHAUST ELBOW, STANDARD	(1)	(1)	
2		978-601	EXHAUST ELBOW, STAINLESS	(1)	(1)	
3		978-520	BALL JOINT, MALE	(4)		
3		978-521	BALL JOINT, MALE STAINLESS	(4)	(4)	
4		978-997	EXHAUST TUBE 800 MM	(2)		
4		978-998	EXHAUST TUBE 800 MM, STAINLESS	(2)	(2)	
5		978-496	EXHAUST ELBOW ASSY. 1.5 MM, STAINL.	(2)b	(2)b	
6		853-355	HOOK	(16)		
6		853-356	HOOK, STAINLESS	(16)	(16)	
7		938-795	SPRING 66 MM	(8)	(8)	
8		978-243	EXHAUST FLANGE	4	4	
9		978-252	EXHAUST SOCKET	4	4	
10		940-366	STUD M8X23/20 / TORQUE: 8 NM / 71 IN.LB.	8	8	8
11		842-950	LOCK NUT M8 / TORQUE: 12 NM / 110 IN.LB.	8	8	8