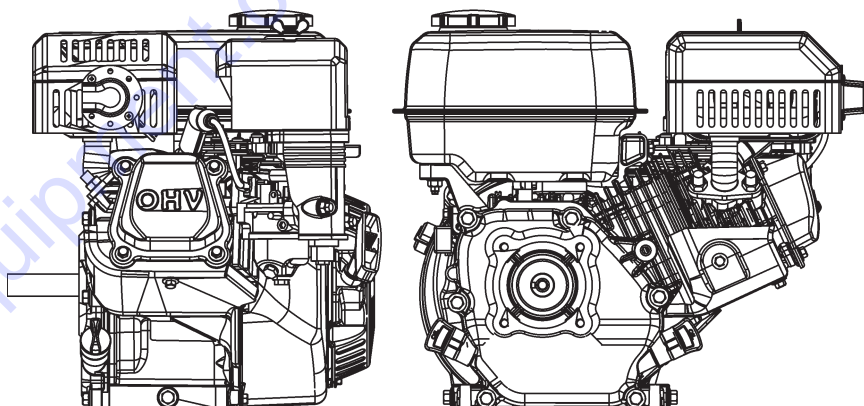


RATO R180

PETROL ENGINE
BENZINMOTOR
MOTEUR À ESSENCE



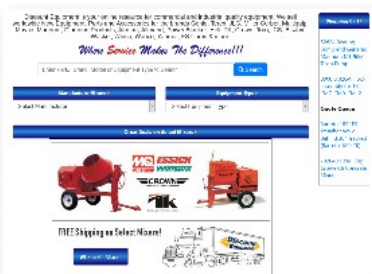
SPARE PARTS CATALOGUE ERSATZTEILKATALOG CATALOGUE DE PIÈCES DÉTACHÉES

EDITION 08/2021 ML
From Engine No. 3000001

AMMANN

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter the serial number or part number to search for parts.

* Part #

* Model

Serial

Part Number

Submit

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information:

Manufacturer:

Model:

Description:

Part Number:

Quantity:

Unit Price:

Total Price:

Customer Name:

Address:

City:

State:

Zip:

Phone:

Fax:

Email:

Comments:

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

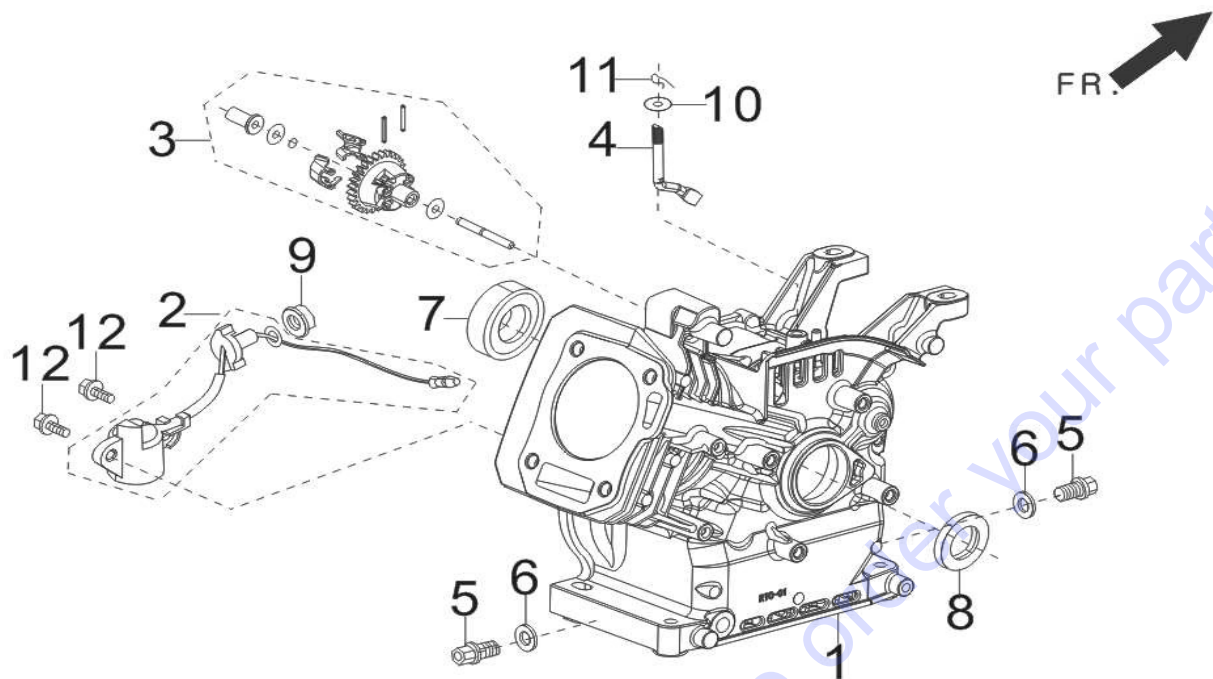
Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

SPARE PARTS RATO R180

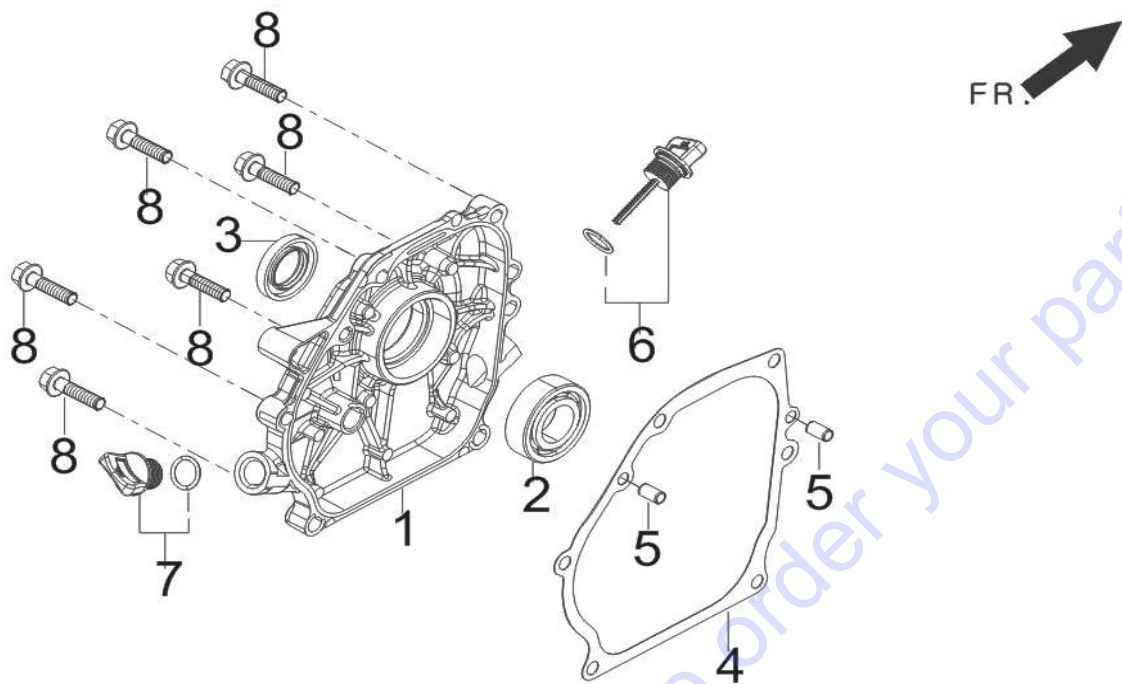
PAGE SEITE	ASSEMBLY	BAUGRUPPE
100	CRANKCASE. / GEAR ASSY, GOVERNOR.	KURBELGEHÄUSE. / ZAHNRAD ZSB., REGLER
200	COVER SUBASSEMBLY, CRANKCASE	ABDECKUNG UNTERBAUGRUPPE, KURBELGEHÄUSE
300	HEAD SUBASSEMBLY, CYLINDER / PLUG, SPARK	KOPFBAUGRUPPE, ZYLINDER / ZÜNDKERZE
400	ROD, CRANKSHAFT CONNETING	STAB, KURBELWELLE ANSCHLUSS
500	RING SET, OIL / ROD, CRANKSHAFT CONNETING	RINGSATZ, ÖL / STANGE, KURBELWELLE ANSCHLUSS
600	TRAIN, VALVE / CAMSHAFT SUBASSEMBLY	ZUG, VENTIL- / NOCKENWELLEN-UNTERBAUGRUPPE
700	STARTER, RECOIL	ANLASSER, RÜCKLAUF
800	SHROUD / SHIELD, LOWER	SCHUTZ / SCHILD, UNTEN
900	CARBURETOR ASSY.	VERGASER ZSB.
1000	FLYWHEEL / IMPELLER / STARTER PULLEY / IGNITION COIL	SCHWUNGRAD / LAUFRAD / ANLASSERSCHEIBE / ZÜNDSPULE
1100	CONTROL ASSY, THROTTLE	STEUERUNG, GAS
1200	CLEANER, AIR	LUFTFILTER
1300	MUFFLER ASSY.	SCHALLDÄMPFER ZSB.
1400	TANK ASSY, FUEL	TANK-ZSB., KRAFTSTOFF

RATO R180 — 100

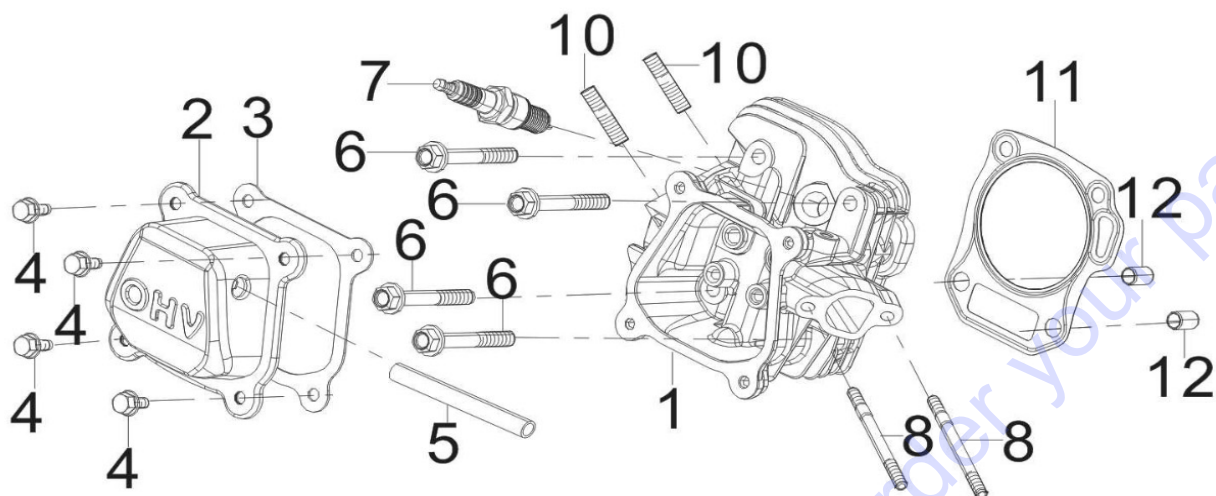


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	11310-Z440520-00A0	1	CRANKCASE SUBASSEMBLY.	KURBELGEHÄUSEEINHEIT.	
2	37060-Z010120-00A0	1	SENSOR, ENGINE OIL	SENSOR, MOTORÖL	
3	16400-Z010110-00A0	1	GEAR ASSY, GOVERNOR	ZAHNRAD-ZUSAMMENSETZUNG, REGLER	
4	16061-Z010110-00A0	1	ARM, GOVERNOR	ARM, GOUVERNEUR	
5	11007-Z010110-00A0	2	BOLT, DRAIN PLUG	SCHRAUBE, ABLAUFSTECKER	
6	90408-Z010110-00A0	2	WASHER, FLAT	UNTERLEGSCHIEBE, FLAT	
7	90547-0205-CLA0	1	BEARIN, DEEP GROOVE BALL	LAGER, RILLENKUGEL	
8	90682-Z300110-00A0	1	SEAL, OIL	DICHTUNG, ÖL	
9	90305-Z010210-01A0	1	NUT	MUTTER	
10	90408-Z010210-00A0	1	WASHER, FLAT	UNTERLEGSCHIEBE, FLAT	
11	90501-Z010110-00A0	1	PIN	STIFT	
12	90001-0614-01A0	2	BOLT	BOLZEN	

RATO R180 — 200

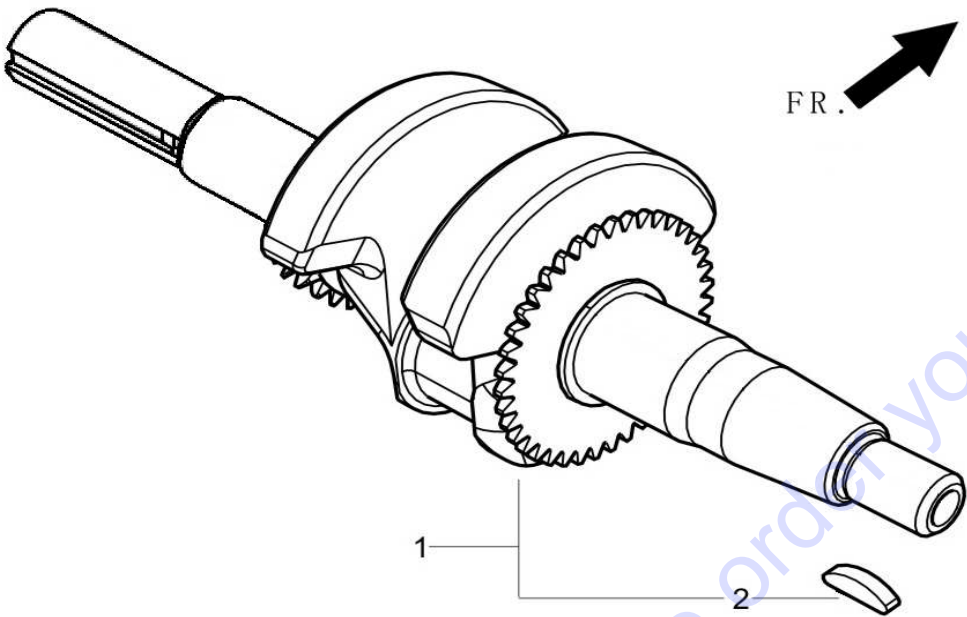


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	11411-Z440210-00A1	1	COVER, CRANKCASE	ABDECKUNG, KURBELGEHÄUSE	
2	90547-0205-CLA0	1	BEARIN, DEEP GROOVE BALL	LAGER, DEEP GROOVE BALL	
3	90682-Z300110-00A0	1	SEAL, OIL	DICHTUNG, ÖL	
4	11001-Z440110-00A0	1	GASKET, CRANKCASE	DICHTUNG, KURBELGEHÄUSE	
5	90502-0912-00A0	2	PIN	STIFT	
6	15010-Z010130-Q5A0	1	DIPSTICK SUBASSEMBLY, OIL	MESSSTAB-UNTERBAU, ÖL	
7	15030-Z010130-Q5A0	1	PLUG SUBASSEMBLY, ENGINE OIL	STECKERBAUGRUPPE, MOTORÖL	
8	90001-0832-01A0	6	BOLT	BOLZEN	

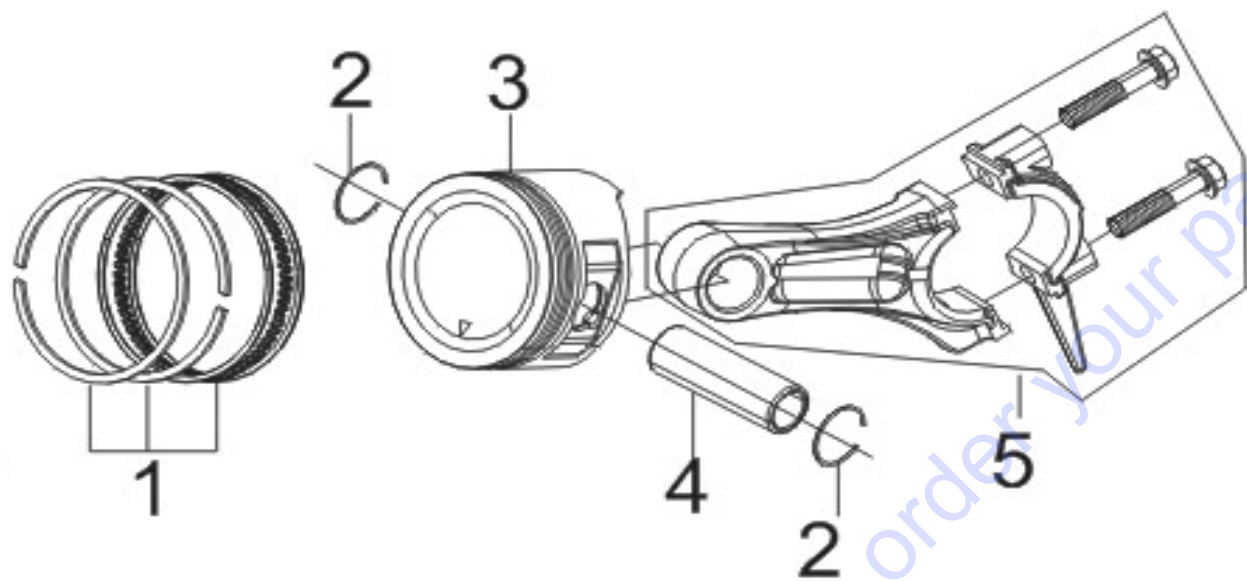


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	12140-Z810210-00A0	1	HEAD SUBASSEMBLY, CYLINDER	KOPFBAUGRUPPE, ZYLINDER	
2	12410-Z300120-00A0	1	COVER SUBASSEMBLY, CYLINDER HEAD	ABDECKUNG, ZYLINDERKOPF	
3	12004-Z010110-00A0	1	GASKET, CYLINDER HEAD COVER	DICHTUNG, ZYLINDERKOPFABDECKUNG	
4	90001-0612-01A0	4	BOLT	BOLZEN	
5	17004-Z050210-00A0	1	TUBE, BREATHER	SCHLAUCH, ENTLÜFTER	
6	12003-Z010110-00A0	4	BOLT, CYLINDER HEAD	BOLZEN, ZYLINDERKOPF	
7	30010-Z010110-00A0	1	PLUG, SPARK	STECKER, ZÜNDKERZE	
8	90204-Z010310-01A0	2	BOLT	BOLZEN	
10	90203-Z010110-01A0	2	BOLT	BOLZEN	
11	12131-Z440320-00A0	1	GASKET, CYLINDER HEAD	ZYLINDERKOPFDICHTUNG	
12	90502-1114-00A0	2	PIN	STIFT	

RATO R180 — 400

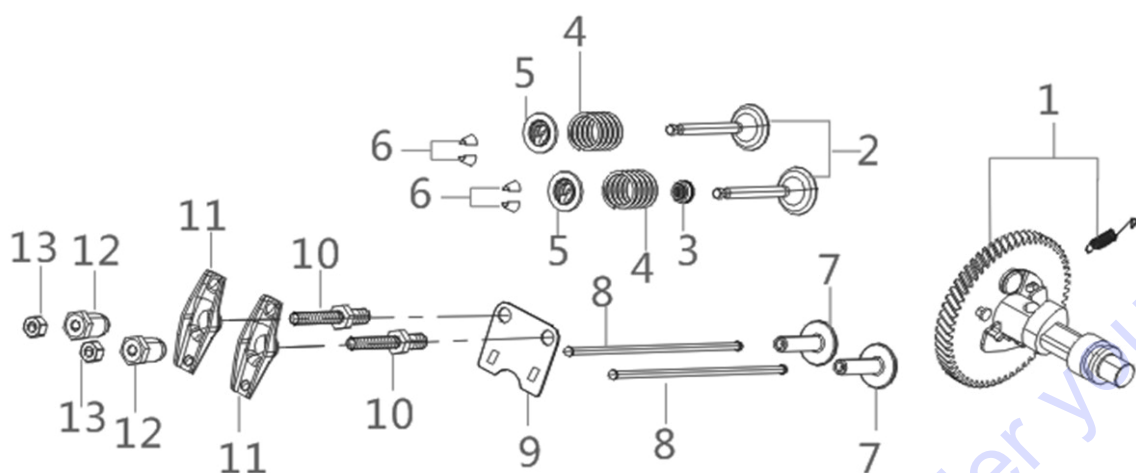


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	13300-Z442010-00A0	1	CRANKSHAFT ASSY.	KURBELWELLE ZSB.	

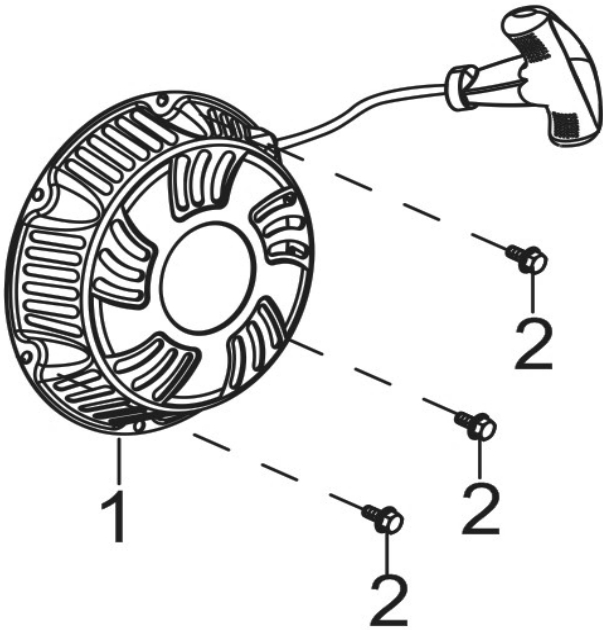


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	13200-Z440110-00A9	1	RING ASSY, PISTON	RINGBAUGRUPPE, KOLBEN	
2	13122-Z350110-00A0	2	CLIP, PISTON PIN	CLIP, KOLBENSTIFTE	
3	13111-Z440220-00A9	1	PISTON	KOLBEN	
4	13121-Z810110-00A0	1	PIN, PISTON	STIFT, KOLBEN	
5	13010-Z810210-00A0	1	ROD, CONNECTING	STAB, VERBINDUNG	

RATO R180 — 600

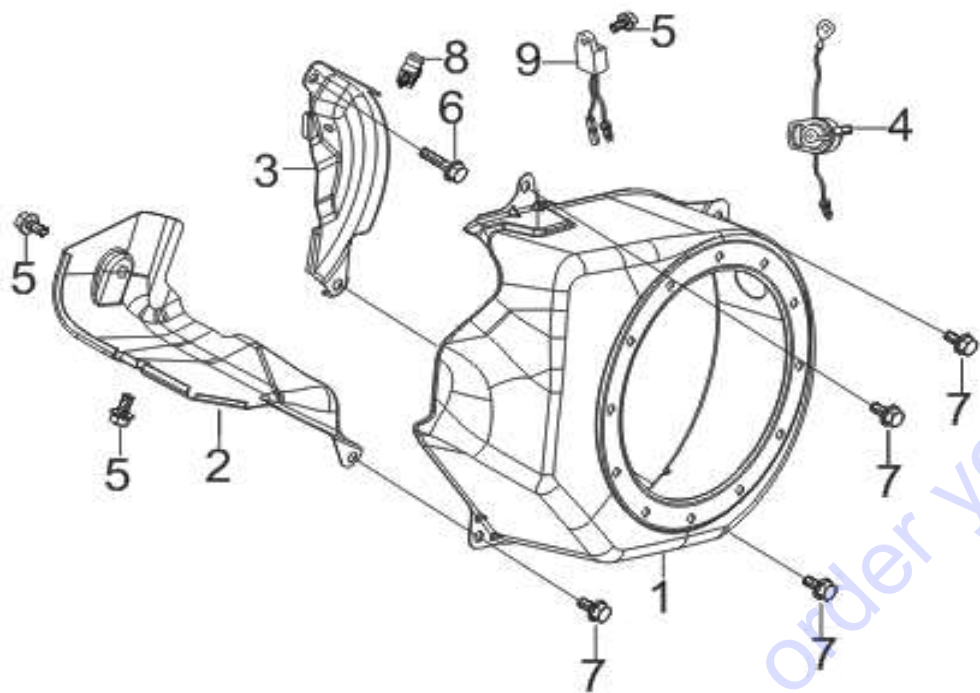


Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	14200-Z440210-00A9	1	CAMSHAFT ASSY.	NOCKENWELLE ZSB.	
2	12110-Z810120-00A9	1	VALVES SET	VENTILE SATZ	
3	12101-Z810210-00A0	1	GUIDE, SEAL	FÜHRUNG, DICHTUNG	
4	12103-Z010110-00A0	2	SPRING, VALVE	FEDER, VENTIL	
5	12112-Z810210-00A0	2	SEAT, VALVE SPRING	SITZ, VENTILFEDER	
6	12109-Z810110-00A0	4	CLAMP, VALVE LOCK	KLEMME, VENTILVERRIEGELUNG	
7	14081-Z040110-00A0	2	TAPPET, VALVE	STÖßEL, VENTIL	
8	14071-Z440110-00A0	2	LIFTER, VALVE	HEBE, VENTIL	
9	14090-Z010110-00A0	1	PLATE SUBASSEMBLY, LIFTER STOPPER	PLATTENUNTERBAU, HEBESTOPPER	
10	14313-Z010110-00A0	2	BOLT, ROCKER SHAFT	SCHRAUBE, KIPPWELLE	
11	14311-Z010110-00A0	2	ROCKER, VALVE	KIPPHABEL, VENTIL	
12	14314-Z010110-00A0	2	NUT, VALVE ADJUSTING	MUTTER, VENTILEINSTELLUNG	
13	14312-Z010110-00A0	2	NUT, VALVE LOCK	MUTTER, VENTILSPERRE	



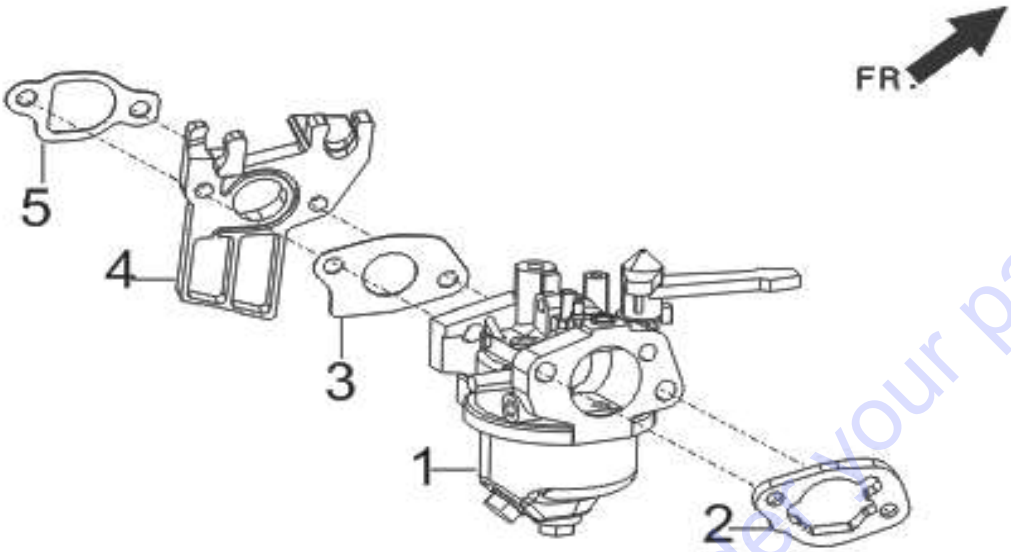
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	28200-Z440110-H300	1	STARTER ASSY, RECOIL	ANLASSER ZSB., RÜCKLAUF	
2	90001-0608-01	3	BOLT	BOLZEN	

RATO R180 — 800



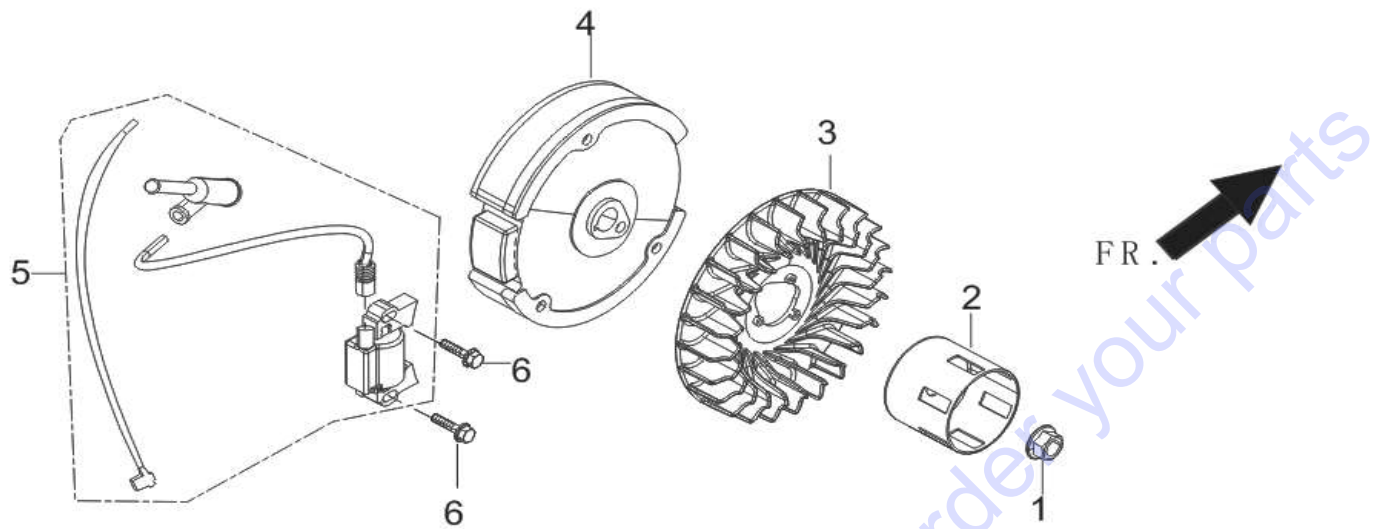
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	28110-Z010410-H300	1	SHROUD	SCHUTZ	
2	19304-Z010610-00A0	1	SHROUD, CYLINDER BODY	HAUBE, ZYLINDERKÖRPER	
3	19340-Z010120-00A0	1	SHIELD, LOWER	SCHILD, UNTEN	
4	35540-Z060140-Q2A0	1	SWITCH SUBASSEMBLY, STOP ENGINE	BAUGRUPPE SCHALTEN, MOTOR ABSTELLEN	
5	90001-0610-01A0	3	BOLT	BOLZEN	
6	90001-0616-01A0	1	BOLT	BOLZEN	
7	90001-0612-01A0	4	BOLT	BOLZEN	
8	90740-Z010110-00A0	1	COLLAR	KRAGEN	
9	37050-Z010210-00A0	1	PROTECTOR, OIL	SCHUTZ, ÖL	

RATO R180 — 900



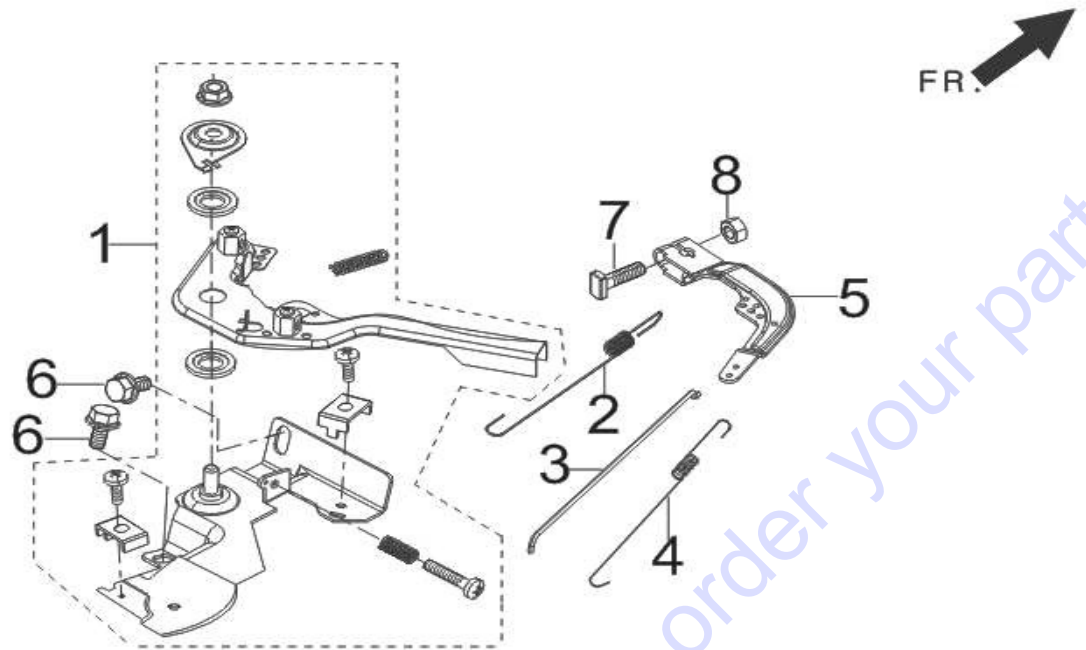
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	16100-Z440610-00A9	1	CARBURETOR ASSY.	VERGASER ZSB.	
2	17001-Z010210-00A0	1	GASKET, AIR CLEANER	DICHTUNG, LUFTFILTER	
3	16001-Z010110-00A0	1	GASKET, CARBURETOR	DICHTUNG, VERGASER	
4	16003-Z010110-00A0	1	PLATE, CARBURETOR INSULATOR	PLATTE, VERGASERISOLATOR	
5	16002-Z050110-00A0	1	GASKET, CARBURETOR INSULATOR	DICHTUNG, VERGASERISOLATOR	

RATO R180 — 1000



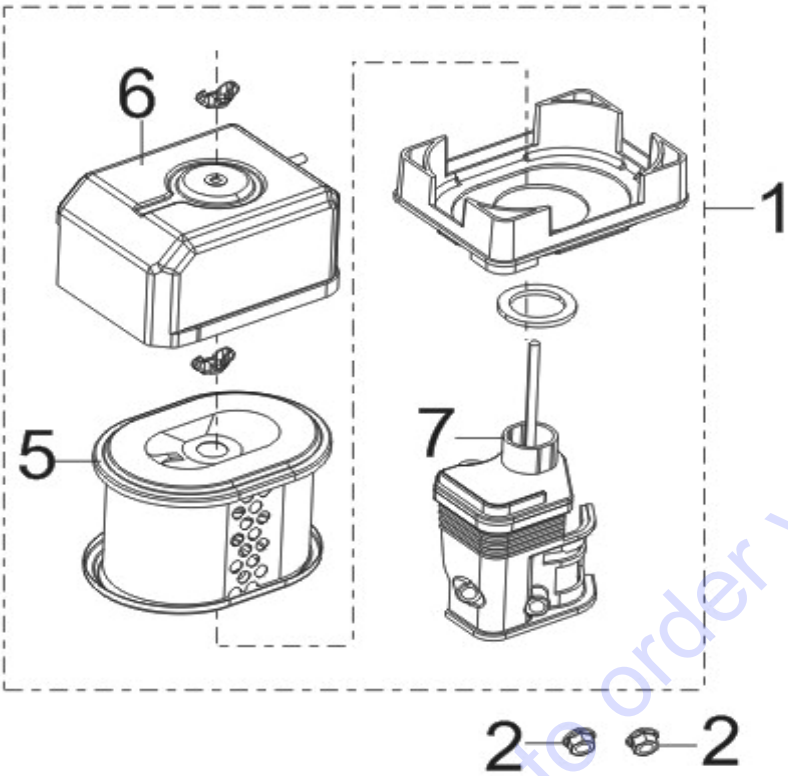
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	13501-Z010110-00A0	1	NUT, FLYWHEEL	MUTTER, SCHWUNGRAD	
2	28002-Z010310-00A0	1	PULLEY, STARTER	RIEMENSCHLEIBE, STARTER	
3	19352-Z440110-00A0	1	IMPELLER	LAUFRAD	
4	13510-Z440410-00A0	1	FLYWHEEL SUBASSEMBLY	SCHWUNGRAD-UNTERBAUGRUPPE	
5	30400-Z440110-01A0	1	COIL, IGNITION	SPULE, ZÜNDUNG	
6	90001-0625-01A0	2	BOLT	BOLZEN	

RATO R180 — 1100



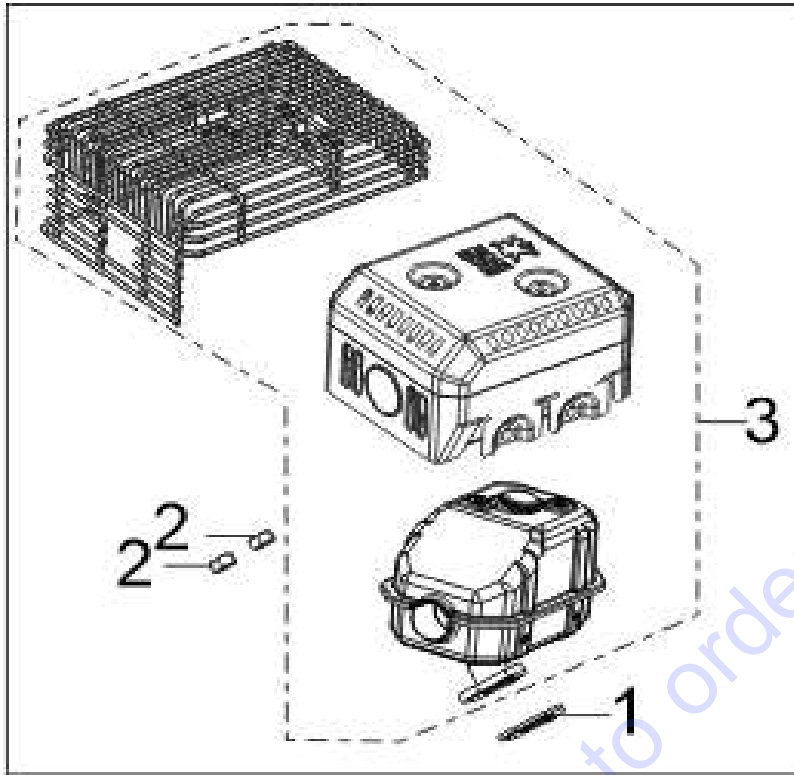
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	16520-Z010430-00A1	1	CONTROL ASSY, THROTTLE	STEUERUNG, GAS	
2	16063-Z050410-00A0	1	SPRING, GOVERNOR	FEDER, REGLER	
3	16062-Z010110-00A0	1	ROD, GOVERNEOR	STANGE, REGLER	
4	16012-Z010110-00A0	1	SPRING, THROTTLE VALVE RETURNING	FEDER, DROSSELKLAPPENRÜCKLAUF	
5	16070-Z010110-00A0	1	SUPPORT SUBASSEMBLY, GOVERNOR	STÜTZE UNTERBAUGRUPPE, REGLER	
6	90001-0610-01A0	2	BOLT	BOLZEN	
7	16072-Z010110-00A0	1	BOLT, GOVERNOR SUPPORT	BOLZEN, REGLERUNTERSTÜTZUNG	
8	90305-0600-31A0	1	NUT	MUTTER	

RATO R180 — 1200



Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	17100-Z010210-00A0	1	CLEANER, AIR	LUFTFILTER	
2	90305-0600-31A0	2	NUT	MUTTER	
5	17150-Z010110-00A0	1	ELEMENT, AIR CLEANER	ELEMENT, LUFTFILTER	

RATO R180 — 1300



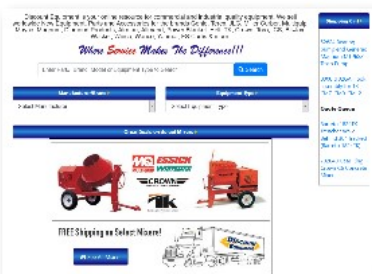
Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	18001-Z440110-00A0	1	GASKET, EXHAUST OUTLET	DICHTUNG, AUSPUFFAUSLASS	
2	90303-0800-31A0	2	NUT	MUTTER	
3	18100-Z441810-H3A0	1	MUFFLER ASSY.	SCHALLDÄMPFER ZSB.	

Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	16620-Z300110-H3AP	1	TANK, FUEL	TANK, KRAFTSTOFF	
2	16652-Z010810-00A0	1	STRAINER, FUEL	SIEB, KRAFTSTOFF	
3	16730-Z300120-00A0	1	COVER, FUEL TANK	ABDECKUNG, KRAFTSTOFFTANK	
4	90001-0630-01A0	1	BOLT	BOLZEN	
5	90305-0600-31A0	2	NUT	MUTTER	
6	16680-Z010110-00A0	1	OUTLET SUBASSEMBLY, FUEL TANK OIL	AUSLASSBAUGRUPPE, KRAFTSTOFFTANKÖL	
7	90740-Z010210-00A0	2	COLLAR	KRAGEN	
8	90686-Z010510-00A0	1	TUBE, FUEL	ROHR, KRAFTSTOFF	
9	30431-Z010110-00A0	1	JACKET, RUBBER	JACKE, GUMMI	

Pos.	Part-No. Artikel-Nr. No. pièce No. Pieza	Qty. Stück Quantité Cantidad	Identification	Bezeichnung	S/N from-to S/N von-bis
1	16620-Z300110-H3AP	1	TANK, FUEL	TANK, KRAFTSTOFF	
2	16652-Z010810-00A0	1	STRAINER, FUEL	SIEB, KRAFTSTOFF	
3	16730-Z300120-00A0	1	COVER, FUEL TANK	ABDECKUNG, KRAFTSTOFFTANK	
4	90001-0630-01A0	1	BOLT	BOLZEN	
5	90305-0600-31A0	2	NUT	MUTTER	
6	16680-Z010110-00A0	1	OUTLET SUBASSEMBLY, FUEL TANK OIL	AUSLASSBAUGRUPPE, KRAFTSTOFFTANKÖL	
7	90740-Z010210-00A0	2	COLLAR	KRAGEN	
8	90686-Z010510-00A0	1	TUBE, FUEL	ROHR, KRAFTSTOFF	
9	30431-Z010110-00A0	1	JACKET, RUBBER	JACKE, GUMMI	

PARTS FINDER

**Search Website
by Part Number**



**Search Manual
Library For Parts
Manual & Lookup Part
Numbers – Purchase
or Request Quote**

Search Manuals

Enter the serial number or part number to search for parts.

* Part #
Serial Number

* Model
Model Number

Serial
Serial Number

Part Number
Part Number

Quantity
Quantity

Submit

**Can't Find Part or
Manual? Request Help
by Manufacturer,
Model & Description**

Parts Order Form

Please fill in the following information:

Manufacturer

Model

Description

Quantity

Part Number

Serial Number

Part Name

Part Description

Part Location

Part Condition

Part Status

Part Notes

Submit

Discount-Equipment.com is your online resource for quality parts & equipment.

Florida: **561-964-4949** Outside Florida TOLL FREE: **877-690-3101**

Need parts?

Click on this link: <http://www.discount-equipment.com/category/5443-parts/> and choose one of the options to help get the right parts and equipment you are looking for. Please have the machine model and serial number available in order to help us get you the correct parts. If you don't find the part on the website or on one of the online manuals, please fill out the request form and one of our experienced staff members will get back to you with a quote for the right part that your machine needs.

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar