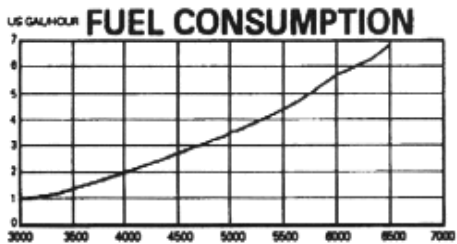
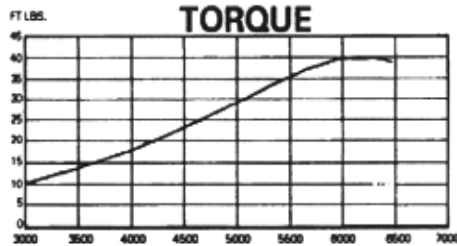
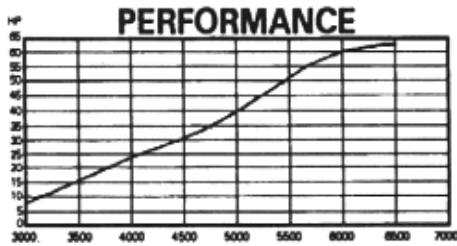


ROTAX 532(64H/P)

ROTAX 532 - 64 hp

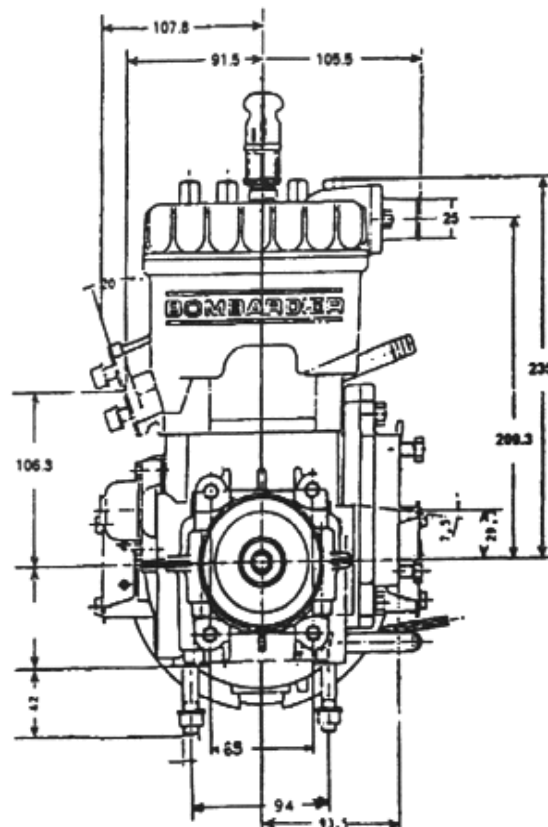
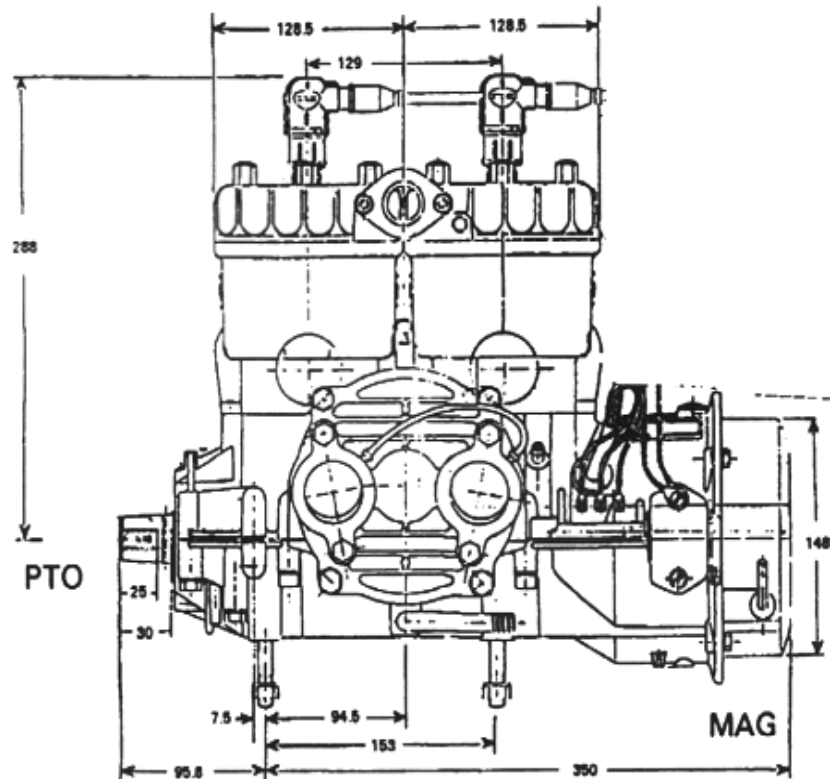


64 hp @ 6500 rpm

2 cylinder / 2 stroke with rotary valve inlet

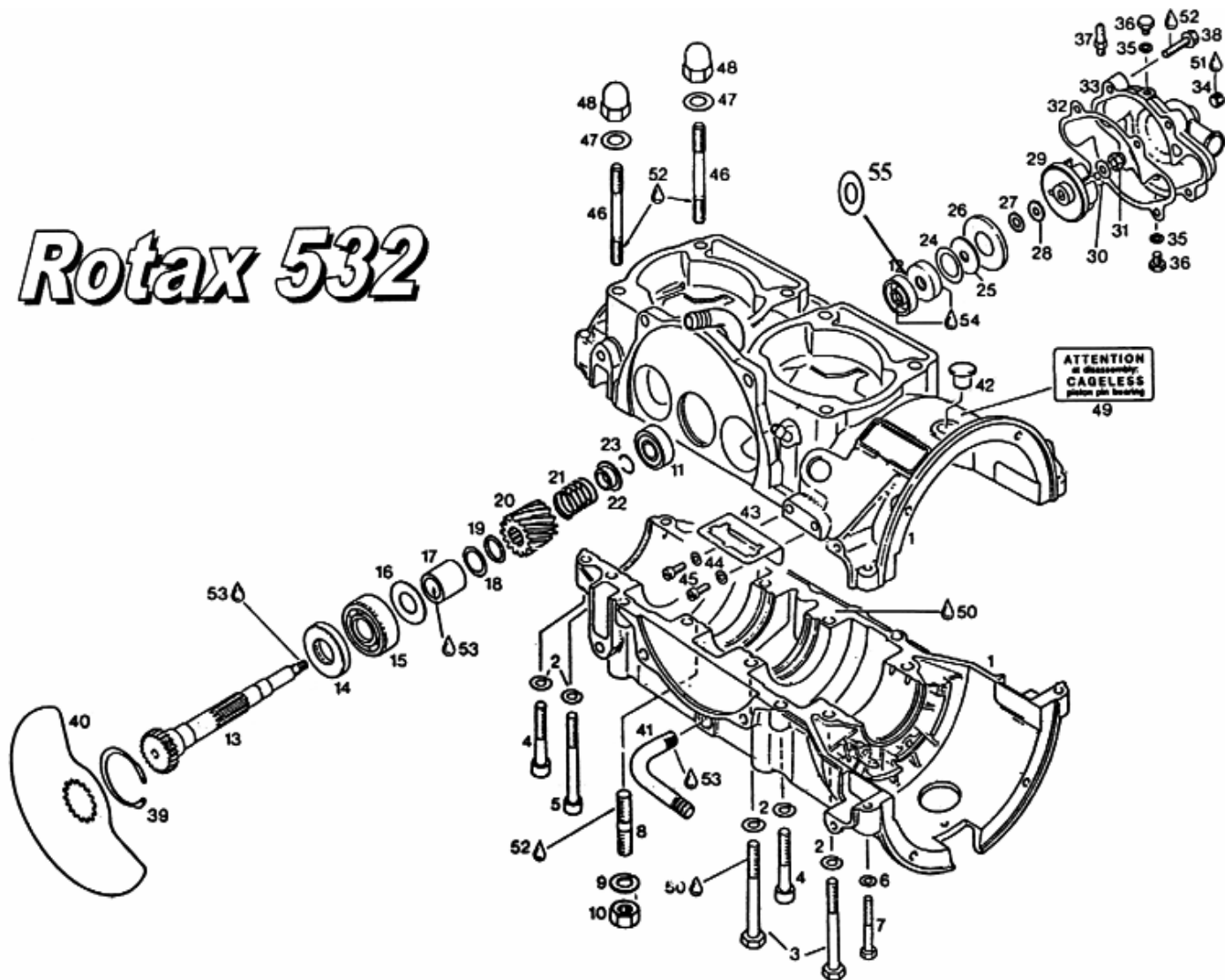
- Bore/Stroke: 72/61mm
- Displacement: 521.2
- Ignition System - BOSCH Flywheel Magneto Generator 12V 75/23W
- Carburetor - 36MM BING Double Float Carburetor with hand lever or alternatively cable choke
- Starter - Rewind or Electric
- Cooling - Liquid
- Lubrication - 2 stroke oil in fuel mixing ratio - 50:1
- Fuel - Premium unleaded not BELOW MON 83 OR RON 90 (OCTANE RATING)

Engine	61.7 lb
Carb	5.0 lb
Exhaust	11.0 lb
B Gearbox	10.5 lb
C Gearbox	17.54 lb
Radiator (empty)	4.5 lb
Radiator (full)	10.0 lb



ALL ROTAX DIMENSIONS ARE GIVEN IN MILLIMETERS. TO CONVERT MILLIMETERS TO INCHES MULTIPLY BY .03937

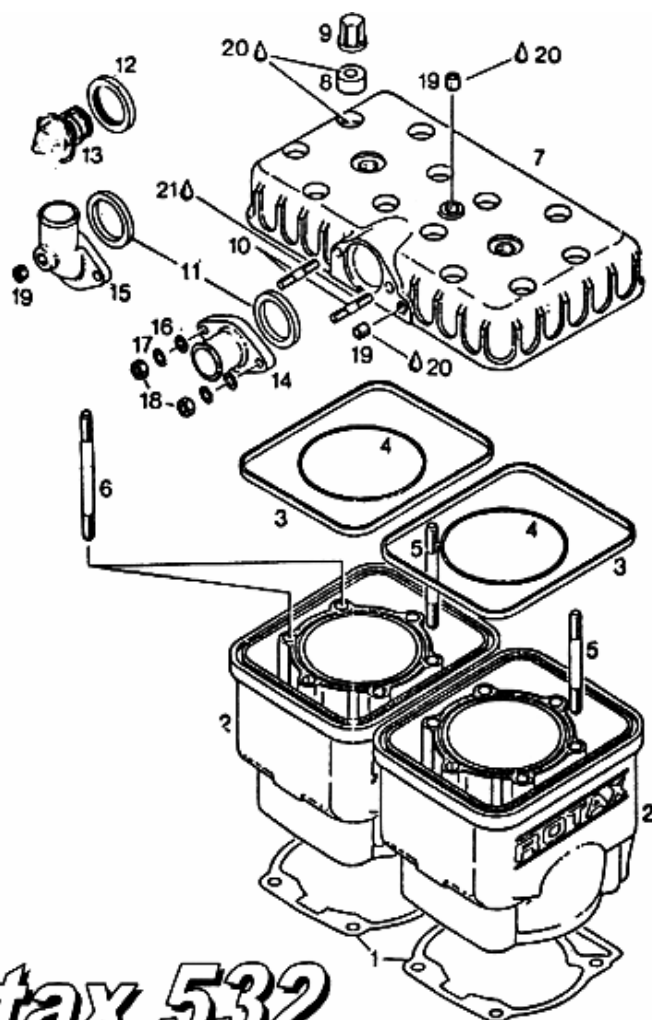
Rotax 532



532 Crankcase – RV Shaft

Ref. Part #	Description	Qty	Ref. Part #	Description	Qty	Ref. Part #	Description	Qty
1-7 995-536	Crankcase Assy.	1	17 847-280	Spacer	1	37 940-557	Hose Nipple	1
	Up To Serial #3722453		18 927-440	Shim	1	38 841-540	Screw	4
1-7 996-481	Crankcase Assy.	1	19 831-500	O-Ring	1	39 845-260	Snap Ring	1
	From Serial 3722454		20 935-730	Rotary Valve Gear 14t	1	40 924-200	Rotary Valve 132 Degrees	1
2 945-752	Lockwasher	14	21 938-810	Compression Spring	1	41 924-215	Angular Tube	1
3 841-301	Hex Screw 8x65	6	22 827-430	Spring Holding Cup	1	42 960-270	Plug	1
4 841-561	Allen Screw 8x45	6	23 845-160	Circlip	1	43 853-322	Receptacle	1
5 841-831	Allen Screw 8x75	2	24 944-462	Shim	1	44 945-750	Lockwasher 5mm	2
6 945-751	Lockwasher 6mm	2	25 850-890	Rubber Washer	1	45 240-561	Screw 5x12	2
7 941-121	Hex Screw 6x25	2	26 827-970	Support Plate	1	46 841-355	Stud 8x79	8
8 940-190	Stud	4	27 227-945	Thrust Washer	1	47 250-311	Washer 8.4	8
9 945-753	Lockwasher 10mm	4	28 227-155	Friction Washer	1	48 842-321	Cap Nut 8mm	8
10 242-091	Hex Nut 10mm	4	29 922-036	Impeller	1	49 897-280	Cageless Label	1
11 932-797	Ball Bearing	1	30 244-211	Washer	1	50	Loctite 574	As Req.
12 850-710	Oil Seal 10x30x6	2	31 842-042	Locknut 6mm	1	51	Silastic 732 Rtv	As Req.
13 937-962	Rotary Valve Shaft	1	32 831-612	Gasket	1	52 #13005	Loctite 221 Violet	As Req.
14 930-580	Oil Seal 20x40x7	1	33 222-068	Water Pump Housing	1	53 #13011	Loctite 290 Green	As Req.
15 932-032	Ball Bearing	1	34 240-480	Plug Screw	1	55 827-530	Distance Ring	1
16 827-510	Shim	1	35 830-890	Gasket Ring	2			
			36 841-580	Hex Screw 6x8	2			
			532 Crankcase					

☆ROTAX 532 Parts



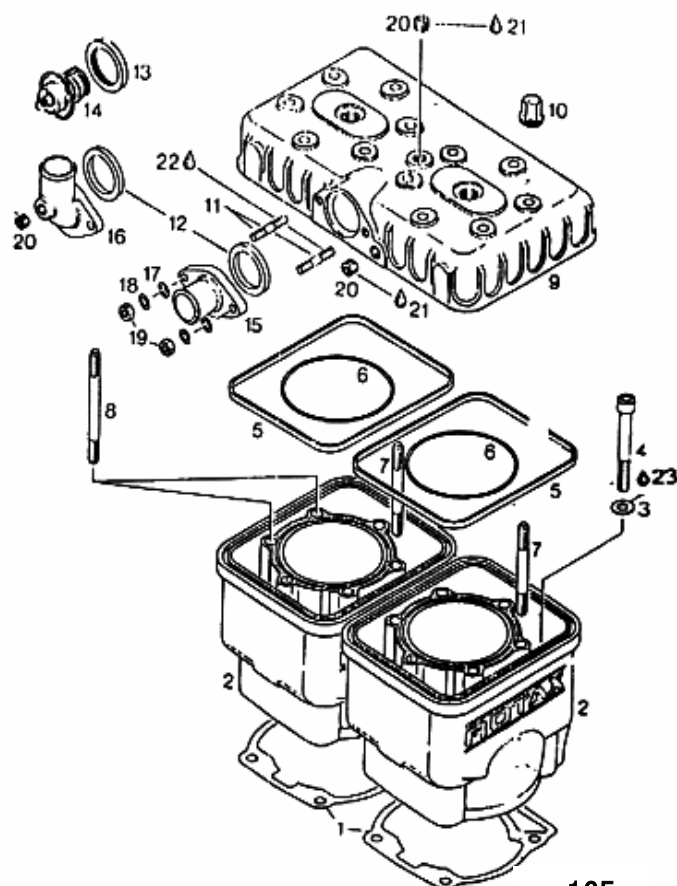
Cylinder Assembly – Version A

Before serial #3722453

Ref	Part #	Description	Qty
1	850-779	Base Gasket	1
2	823-955	Cylinder With Sleeve	2
Before Serial #3722453			
3	850-040	Rubber Ring	2
4	831-790	O Ring	2
5	240-090	Stud 8x50	12
Before Serial #3722453			
6	240-215	Stud 8x96	10
Before Serial #3722453			
7	823-880	Cylinder Head	1
Before Serial #3722453			
8	847-590	Spacer	2
Before Serial #3722453			
9	842-471	Cap Nut	12
10	941-080	Stud 6x20	2
11	230-980	Gasket	1
12	230-800	Gasket – Thermostat	1
13	222-014	Thermostat	1
14	922-025	Water Socket	1
15	922-062	Bent Water Socket	1
16	244-211	Washer	2
17	945-751	Lockwasher	2
18	242-211	Hex Nut	2
19	240-480	Plug Screw	2
20		Silastic 732 Rtv	As Req.
21	#13005	Loctite 221 Violet	As Req.

532 cylinder early

Rotax 532



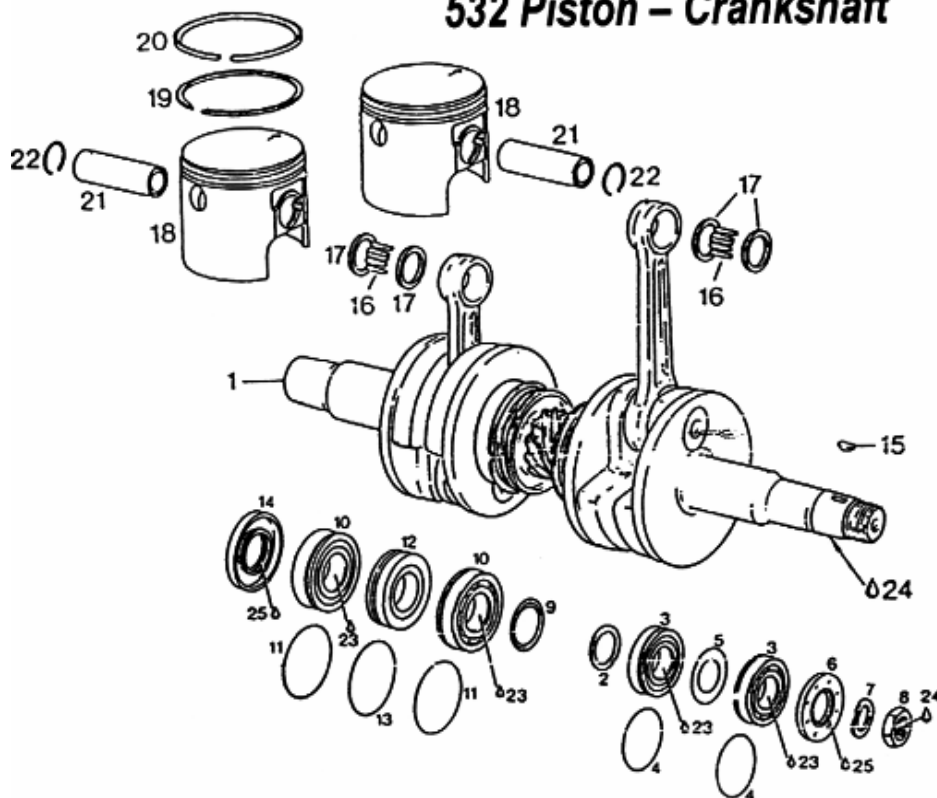
Cylinder Assembly – Version B

after serial #3722453

Ref.	Part #	Description	Qty.
1	850-779	Base Gasket	1
2	823-956	Cylinder Assy.	2
After Serial #3722453			
3	250-311	Washer	8
4	841-991	Allen Screw 8x70	8
After Serial #3722453			
5	850-040	Rubber Ring	2
6	831-790	Silicone O Ring	2
7	841-355	Stud 8x79	12
After Serial #3722453			
8	240-215	Stud 8x96	10
After Serial #3722453			
9	913-175	Cylinder Head	1
After Serial #3722453			
10	842-471	Cap Nut 8mm	12
11	941-080	Stud 6x20	2
12	230-980	Gasket	1
13	230-800	Gasket	1
14	222-014	Thermostat	1
15	922-025	Water Outlet Socket	1
16	922-062	Bent Outlet Socket	1
17	244-211	Washer	2
18	945-751	Lockwasher 6mm	2
19	242-211	Hex Nut 9mm	2
20	240-080	Plug Screw	2
21		Silastic 732 Rtv	As Req.
22	#13005	Loctite 221 Violet	As Req.

532 cylinder late

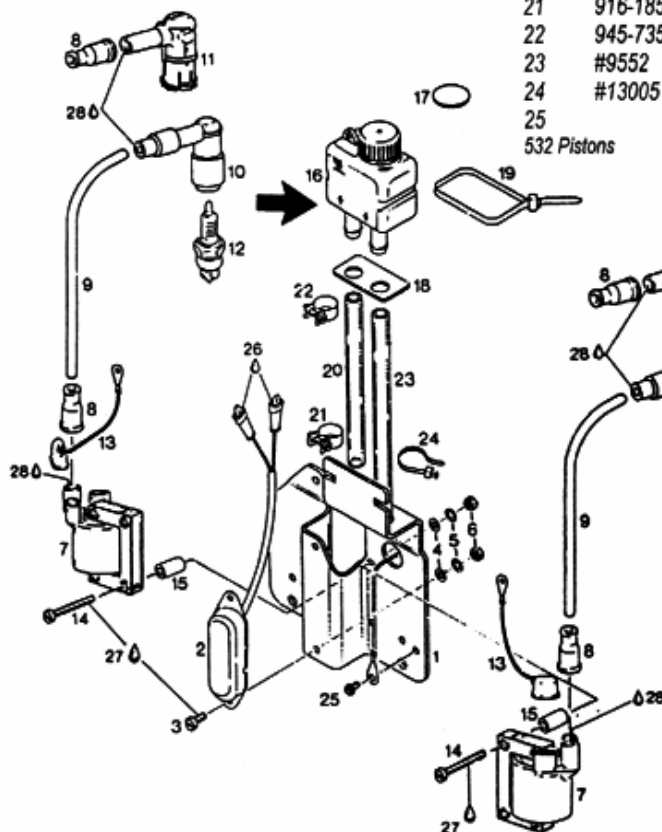
532 Piston – Crankshaft



Rotax 532

Ref	Part #	Description	Qty.
1	951-610	Base Plate	1
2	866-572	Dampening Box	1
3	240-791	Screw 5x10	2
4	927-571	Washer 5.3	8
5	945-750	Lockwasher 5mm	8
6	242-071	Hex Nut 5mm	8
7	984-555	Ignition Coil	2
8	960-550	Protection Cap	2
9	864-292	Ignition Cable 180mm	2
10	866-705	Spark Plug Connector	2
11	983-409	Metal Plug Cap	2
12	B8ES	Spark Plug	2
13	864-273	Mass Cable Assy	2
14	940-441	Screw 5x40	6
15	847-247	Distance Sleeve	6
16-17	956-240	Oil Tank Assy	1
17	850-350	Rubber Gasket	1
18	860-420	Rubber Spacer	1
19	951-500	Clamp 100mm	1
20	956-231	Oil Line 140mm	1
21	853-720	Clamp 15/9	2
22	951-260	Clamp 14	2
23	956-232	Oil Line	1
24	866-710	Clamp 20 mm	1
25	841-680	Screw 5x8	1

532 Oil Tank

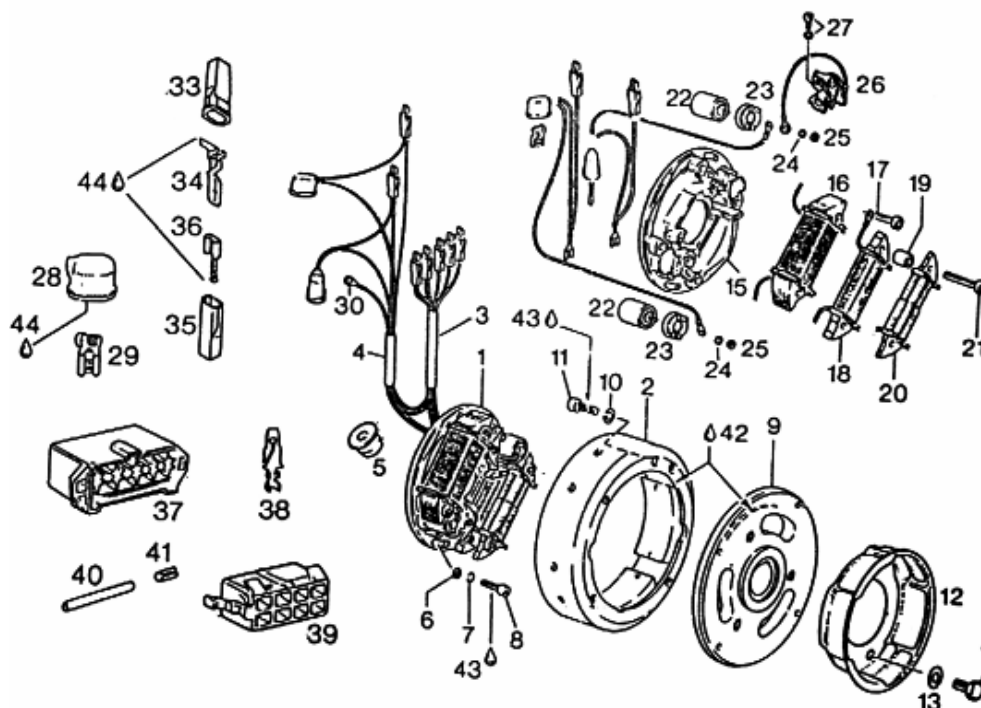


532 Oil Tank

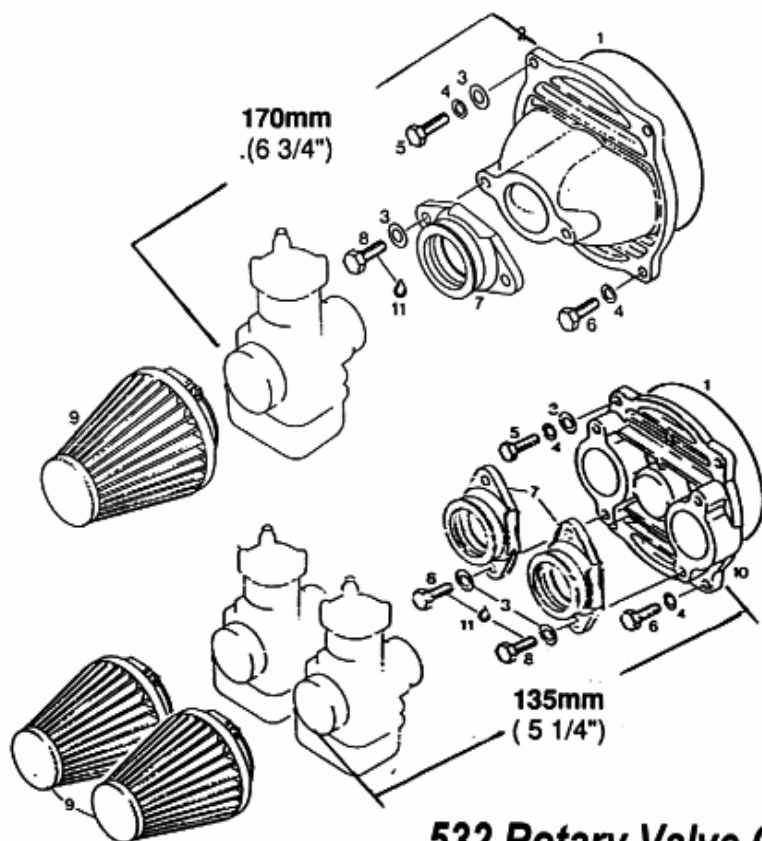
Ref	Part #	Description	Qty.
1	995-336	Crankshaft Assy.	1
		From Serial #3549852	
2	827-440	Distance Ring	1
3	832-209	Ball Bearing	2
4	830-355	O Ring	2
5	827-715	Stop Shim	1
6	830-747	Oil Seal	1
7	945-759	Lockwasher	1
8	842-230	Hex Nut	1
9	827-760	Distance Ring	1
10	832-231	Ball Bearing	2
11	830-350	O Ring	2
12	830-292	Labyrinth Sleeve	2
13	830-370	O Ring	1
14	831-950	Oil Seal	1
15	246-050	Oil Seal	1
16	832-320	Needle Bearing	2
17	827-465	Thrust Washer	4
18-20	996-245	Piston Assy. Std.	2
		Before Serial #3722453	
18-20	996-490	Piston Assy. Std.	2
		After Serial #3722453 (With Hole)	
18-20	996-246	Piston Assy. 1st Over	2
		Before Serial #3722453	
18-20	996-491	Piston Assy. 1st Over	2
		After Serial #3722453 (With Hole)	
18-20	996-247	Piston Assy. 2nd Over	2
		Before Serial #3722453	
18-20	996-492	Piston Assy. 2nd Over	2
		Before Serial #3722453 (With Hole)	
19	915-850	Rectangular Ring Std	2
19	915-851	Rectangular Ring 1st Over	2
19	915-852	Rectangular Ring 2nd Over	2
20	215-235	Top Ring Std	2
20	215-236	Top Ring 1st Over	2
20	215-237	Top Ring 2nd Over	2
21	916-185	Piston Pin	2
22	945-735	Circlip	4
23	#9552	Anti-Seize	As Req.
24	#13005	Loctite 221 Violet	As Req.
25		Silicone Grease	As Req.

532 Pistons

532 Ignition Parts



Rotax 532



532 Rotary Valve Cover

Ref	Part #	Description	Qty.
1-4	994-807	Magneto Generator	1
1	993-725	Stator Plate Assy	1
2	993-500	Magnet Ring Only	1
3	260-437	Protection Hose	1
4	960-203	Protection Hose 90mm	1
5	960-285	Cable Grommet	1
6	827-800	Washer	2
7	945-750	Lockwasher	2
8	840-515	Allen Screw 5x18	2
9	866-105	Magneto Housing Assy	1
	After Serial #3549852		
10	945-751	Lockwasher	4
11	840-370	Allen Screw 6x11.5	4
12	852-322	Starting Pulley	1
13	945-752	Lockwasher 8mm	3
14	940-580	Hex Screw 8x16	3
15	865-980	Stator Plate	1
16	865-812	Lighting Coil 110w	1
17	840-970	Allen Screw 5x28	2
18	865-750	Generator Coil	1
19	847-240	Distance Sleeve	2
20	865-822	Lighting Coil 30w	1
21	241-415	Screw 5x32	2
22	964-219	Condenser Set	2
23	860-130	Condenser Cap	2
24	245-090	Lockwasher	2
25	942-171	Hex Nut 3mm	2
26	983-343	Contact Breaker	2
27	241-215	Screw	2
28	960-590	Rubber Cap	2
29	864-261	Faston Connector	2
30	964-055	Cable Shoe	2
31	265-815	Lubricating Wick	1
32	964-212	Parts Set	1
33	960-970	Protection Cap	7
34	866-300	Faston Connector	7
35	960-719	Protection Cap	7
36	864-011	Faston Connector	7
37	866-010	Connector Housing	1
38	866-305	Faston Connector	8
39	866-025	Contact Housing	1
40	260-412	Shrink Tube 30mm.. As Req.	
41	264-530	Splice Connector..... As Req.	
42	#13011	Loctite 290 Green..... As Req.	
43	#13005	Loctite 221 Violet..... As Req.	

Rotary Valve Cover

Ref	Part #	Description	Qty.
1	831-360	O Ring	1
2	912-495	Rotary Valve Cover	1
3	250-311	Washer 8.4	1
4	945-752	Lockwasher 8mm	4
5	240-276	Hex Screw 8x25	2
6	940-591	Hex Screw 8x20	2
7	267-785	Rubber Flange	2
8	940-591	Hex Screw 8x20	2
9	RC1200	Air Filter	2
10	912-949	Rotary Valve Cover	1
11	#13005	Loctite 221 Violet As Req.	