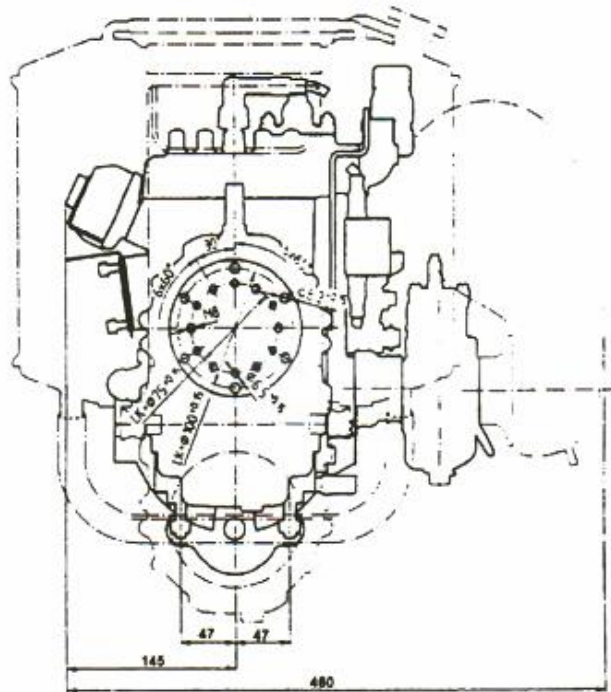
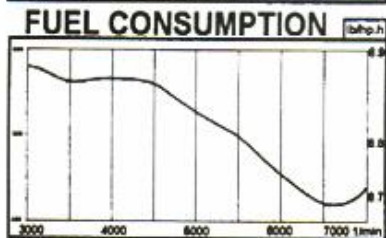
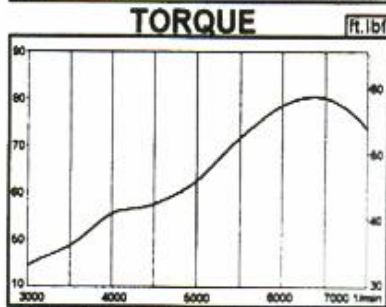
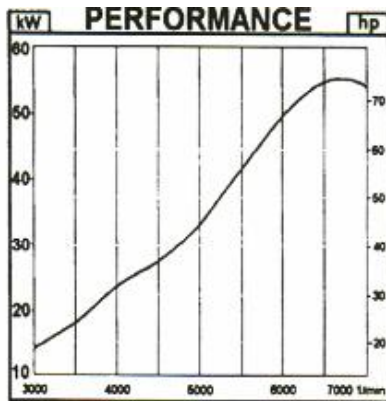


ROTAX 618(74H/P)

ROTAX 618 - 73.8 hp



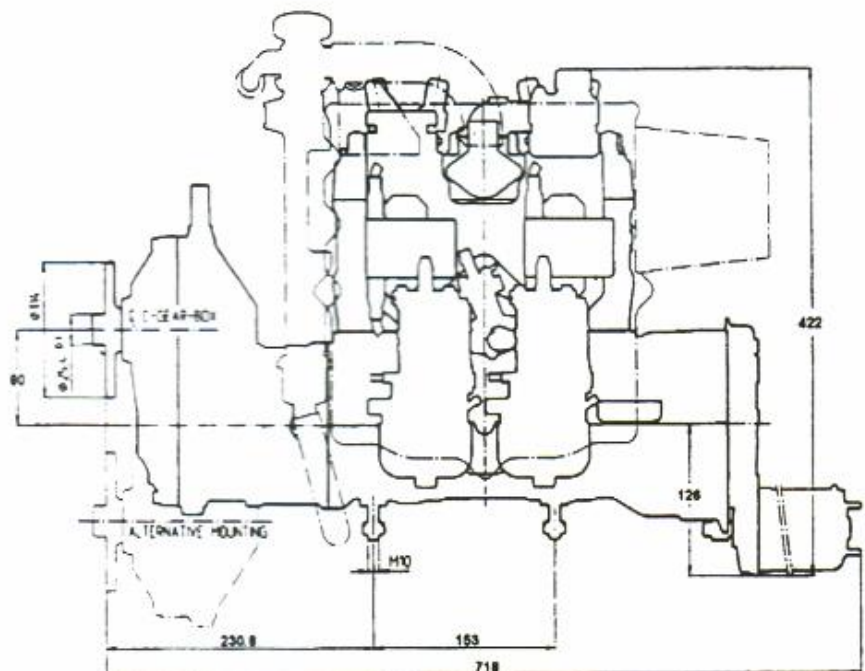
73.8hp @ 6750

2 cylinder/ 2 stroke, liquid cooled with rotary valve inlet

- Bore: 2.99" (76mm)
- Stroke: 2.68" (68mm)
- Displacement: 37.65 in³ (617cm³)
- Compression Ratio: th: 11.5; ef: 5.95
- Fuel: MON 85 RON 95 leaded or unleaded
- Oil: super 2-stroke motor oil
- Mixing Ratio: 1:50
- Ignition Unit: DUCATI Dual CDI
- Spark Plug: part# 897-055
- Generator: Performance: 200 W DC
RPM: 6000 1/min
Voltage: 13.5 V

Weights:

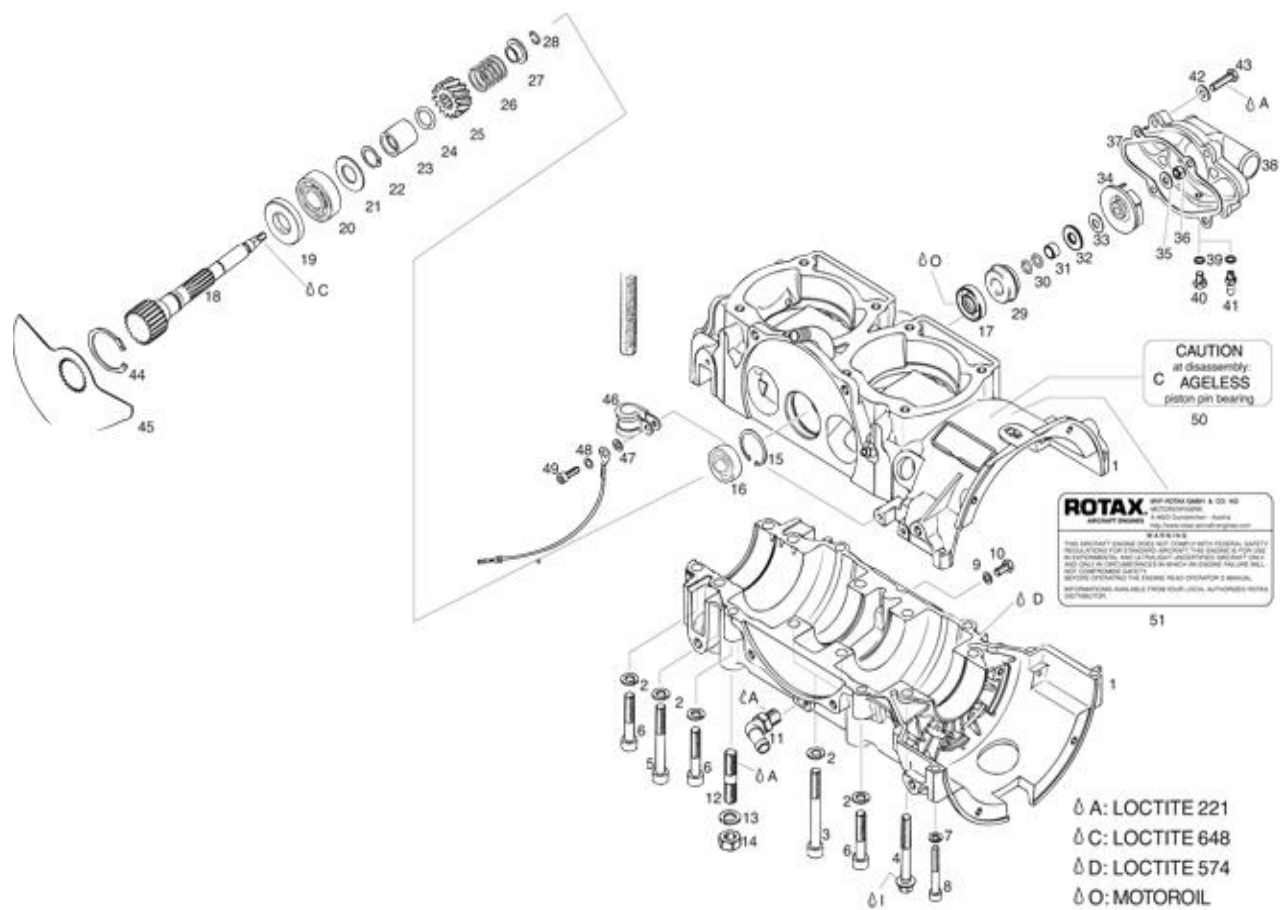
Engine	68.3 lb	Electric Starter	7.7 lb
2 Carbs	4.0 lb	Radiator 995-697	2.2 lb
Intake Silencer	4.2 lb	2 Radiators big	4.9 lb
E Gearbox	24.7 lb	Expansion Tank 922-317	0.7 lb
C Gearbox	17.6 lb	Overflow Bottle 922-325	0.4 lb
Exhaust System	15.2 lb	Oil Tank 2.4 L	1.3 lb
Generator	2.4 lb	After Muffler	3.5 lb



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

★ROTAX 618 Parts

★ROTAX 618 UL ENGINE CRANKCASE,ROTARY VALVE DRIVE,
WATER PUMP PARTS

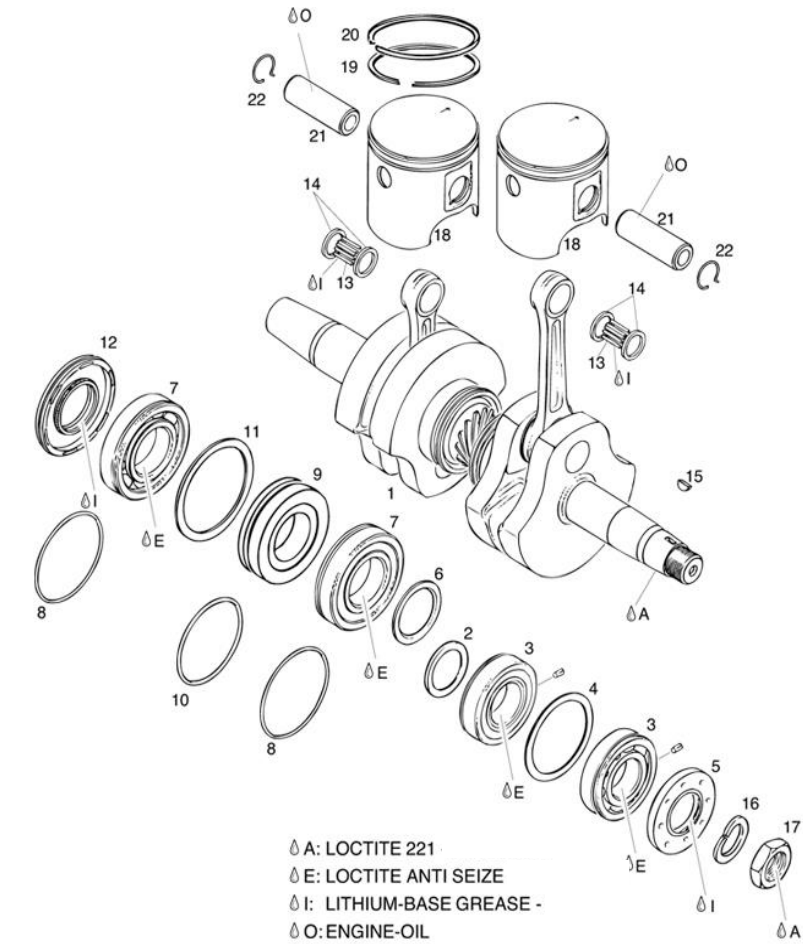


No.	Status	Part Number	Description	Qty
1	N.A.	886-406	CRANKCASE ASSY.,	1
2		945-752	LOCK WASHER A8	12
3		841-831	ALLEN SCREW M8X75	4
4		841-306	COLLAR HEX. SCREW M8X65 SW 11	2
5		841-841	ALLEN SCREW M8X65 DIN 912	2
6		841-561	COLLAR HEX. SCREW M8X65 SW 11	6
7		945-751	LOCK WASHER A6 DIN 128	2
8		241-821	ALLEN SCREW M6X45 DIN 912	2
9 / 39		230-415	GASKET RING A 6X10 DIN 7603	1
10		240-771	HEX.SCREW M6X10	1
11		922-242	ANGULAR TUBE 1/4-18NPT	1
12		940-190	STUD M10X29/20	4
13		945-753	LOCK WASHER A10	4
14		242-091	HEX.NUT M10	4
15		845-150	RETAINING RING 30X1,2	1
16		932-330	BALL BEARING 16101-Z	1
17		850-975	OIL SEAL A 12X30X7 NBR	1
18		837-246	ROTARY VALVE SHAFT	1
19		930-580	OIL SEAL 20X40X7	1
20		932-032	BALL BEARING 6203 TVH C3,17-40-12	1
21		227-439	SHIM 17, 2/32, 5/1, 5	1
22		845-450	RETAINING RING 17X1	1
23		847-282	SPACER	1
24		831-500	O-RING 14-3	1
25		935-736	ROTARY VALVE GEAR 14 T.	1

No.	Status	Part Number	Description	Qty
26		938-810	COMPRESSION SPRING 25,1 MM	1
27		827-430	SPRING HOLDING CLIP	1
28		845-160	CIRCLIP 12	1
29		850-942	ROTARY SEAL	1
30		430-800	O-RING 8X2	2
31		847-810	ROTARY SEAL SLEEVE	1
32		944-382	SHIM 12,1/18, 5/0, 5	1
33		227-155	FRICTION WASHER	1
34		922-036	IMPELLER	1
35		244-211	WASHER 6,4 DIN 134	1
36		842-042	LOCK NUT M6	1
37		831-616	GASKET	1
38		922-503	WATER PUMP HOUSING	1
40		841-580	HEX. SCREW M6X8	1
41		940-551	HOSE NIPPLE M6	1
43		240-036	HEX. SCREW M6X25 DIN 933	4
44		945-880	RETAINING RING 40X1,75	1
45	N.A.	924-507	ROTARY VALVE 151 DEGR.	1
46		851-250	CABLE CLAMP 15/M5	1
47		827-800	WASHER A 5,5 DIN 6902	1
49		840-511	ALLEN SCREW M5X16	1
50		897-280	CAGELESS-LABEL	1
51		897-501	RED WARNING LABEL	1

★ROTAX 618 Parts

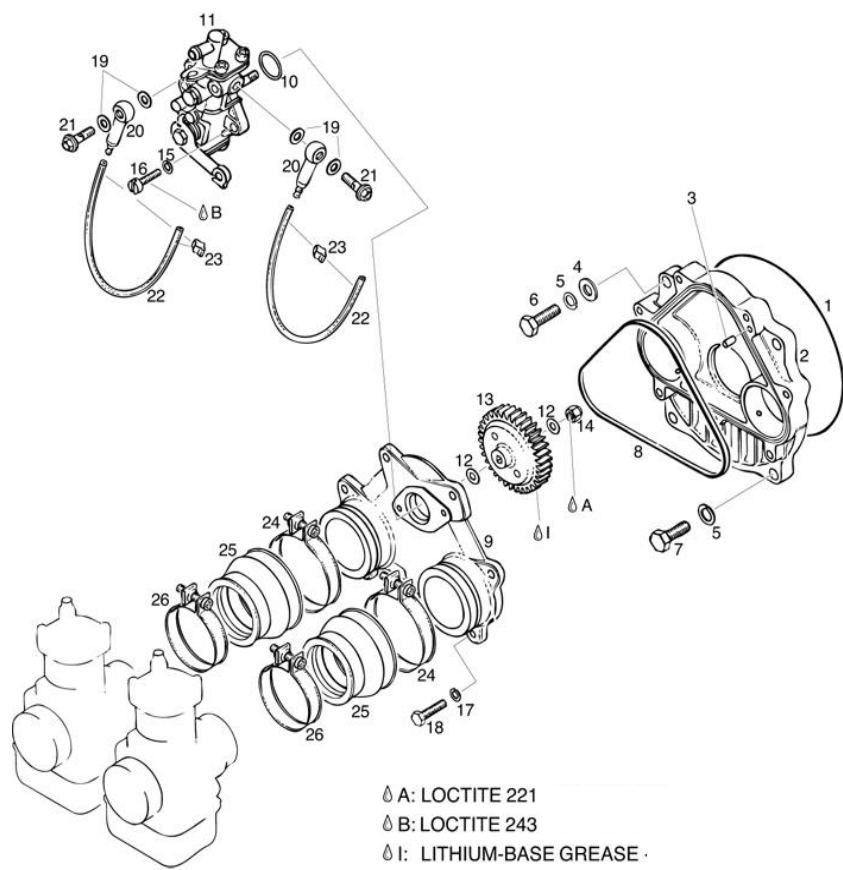
★ROTAX 618 UL ENGINE CRANKSHAFT,BEARINGS,PISTON PARTS



No.	Status	Part #	Description	Qty
1-15	N.A.	886-631	CRANKSHAFT ASSY.	1
2		827-445	DISTANCE RING 31/42/1, 5	1
3		832-538	BALL BEARING 6206 TVH C4M ASSY.,	1
4		827-050	RETAINING DISK 55/65/1,5	1
5		830-748	OIL SEAL 30X62X7/7,5	1
6		827-767	DISTANCE RING 35,5/47/1,5	1
7		832-231	B. BEARING 6207N TNH C3 35-72-17	2
8		250-165	O-RING 64-2	2
10		830-370	O-RING 63-2,5	1
11		927-710	RETAINING DISK 64/75/2	1
12		831-950	OIL SEAL 35X72X7/8,5	1
13-14		832-320	CAGEL. NEEDLE BEARING 18X22X23	2
14		827-465	THRUST WASHER 18/21,7/2,5	4
15		246-015	WOODRUFF KEY 3X5	1
16		945-759	LOCK WASHER 22	1
17		842-239	HEX. NUT M22X1,5	1
18-20		15-08211	PISTON ASSY. 75.94 MM RED DOT	2ab
18-20		15-02481	PISTON ASSY. 75.95 MM GREEN DOT	2ab
18-20		15-02482	PISTON ASSY. 76.19 MM RED DOT	2ac
18-20		15-08308	PISTON ASSY. 76.20 MM GREEN DOT	2ac
19		215-200	RECTANGULAR RING 76,00 MM	2e
19		215-201	RECTANGULAR RING 76,25 MM	2f
19		215-202	RECTANGULAR RING 76,5 MM	2g
20		915-820	SEMI-TRAPEZ RING 76,0 MM	2e
20		915-821	SEMI-TRAPEZ RING 76,25 MM	2f
20		915-822	SEMI-TRAPEZ RING 76,5 MM	2g
21		916-137	PISTON PIN 18X10X53,7	2
22		845-540	MONOHOOK CIRCLIP 18	4hi

FOR CHART BELOW:
a PISTON FOR MONOHOOK CIRCLIP CONFIGURATION - SEE SI-2ST-001
b WITH 2 RINGS, STANDARD RED 75,94 MM - GREEN 75,95 MM
c WITH 2 RINGS, 1ST OVERSIZE RED 76,19 MM - GREEN 76,20 MM - NOTICE 2ND OVERSIZE NOT PERMITTED (SEE SI-08-1996)
e STANDARD SIZE
f 1ST OVERSIZE
g 1ST OVERSIZE
h IN USE WITH PISTON PART NO. 888590 (SEE ALSO SI-2ST-001)
i USE ONLY ONCE.

★ROTAX 618 UL ENGINE ROTARY VALVE COVER,OIL PUMP DRIVE,
OIL PUMP PARTS

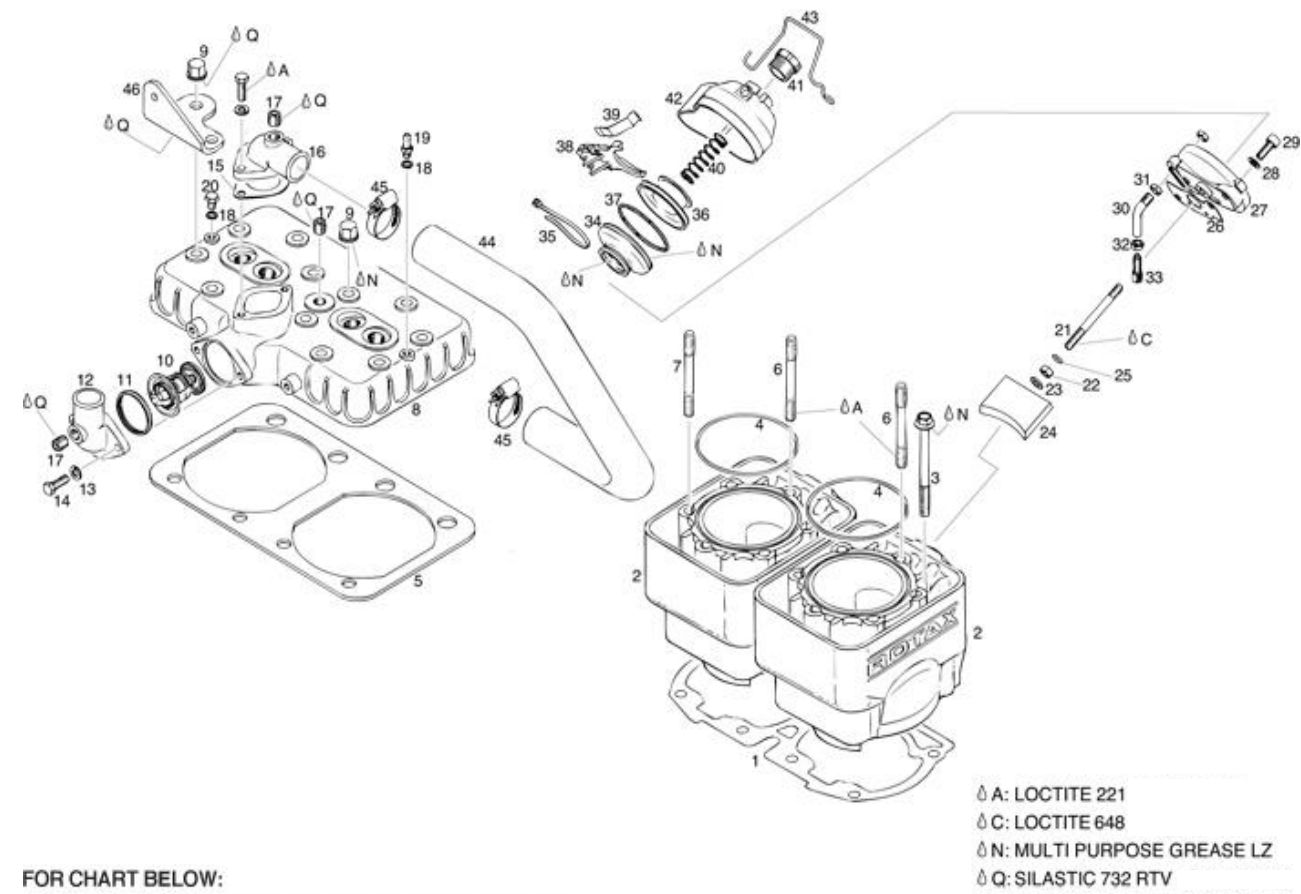


FOR CHART BELOW:
a IN A ROLL

No.	Status	Part Number	Description	Qty
1		831-360	O-RING 132-1,7	1
2	N.A.	910-318	ROTARY VLAVE COVER ASSY.,	1
3		929-650	DRIVE PIN 5X10 DIN 1474	1
4		250-311	WASHER 8,4 DIN 125	2
5		945-752	LOCK WASHER A8	4
6		240-276	HEX. SCREW M8X25	2
7		940-591	HEX.SCREW M8X20	2
8		831-700	RUBBER RING 126X1,5X3,5	1
9		910-320	PUMP MOUNTING FLANGE	1
10		230-370	O-RING 18-1,3	1
11		995-527	OIL PUMP ASSY.,	1
12		927-945	WASHER 6,2/12/1	2
13		935-940	OIL PUMP GEAR 44 T.,	1
14		842-042	LOCK NUT M6	1
16		240-761	SLOTTED HEAD SCREW M5X16	2
17		945-751	LOCK WASHER A6 DIN 128	7
18		940-561	HEX.SCREW M6X20	7
19		227-500	GASKET RING 6,2/12/1	4
20		956-010	CHECK VALVE ASSY.,	2
21		241-830	BANJO BOLT M6X16	2
22		960-040	OIL LINE 2,2+/-0,1X4,3+0,4 (SEE NOTES)	ARa
23		853-840	CLAMP 3-5 MM	4
24		851-065	CLAMP 62	2
25		867-696	CARBURETOR SOCKET	2
26		951-400	HOSE CLAMP 53	2

★ROTAX 618 Parts

★ROTAX618 UL ENGINE CYLINDER,CYLINDER HEAD,EXHAUST VALVE PARTS



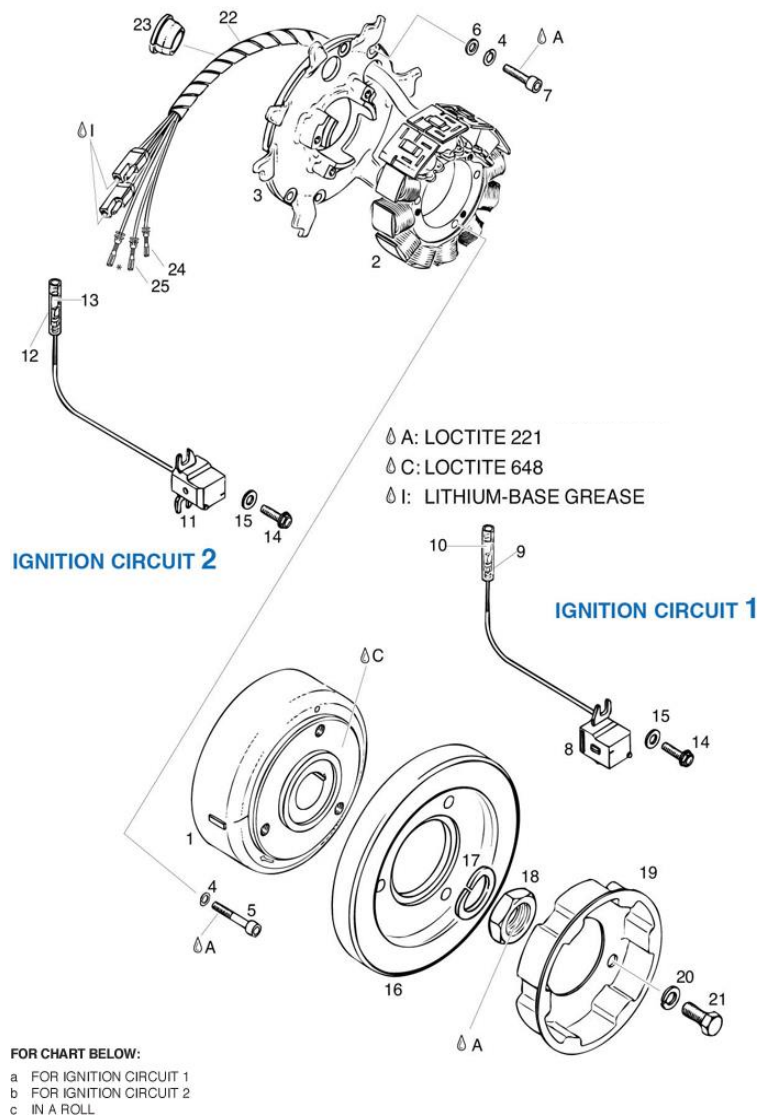
FOR CHART BELOW:

a RED 76,00 MM - 76,01 MM - GREEN 76,01 MM - 76,02 MM

No.	Status	Part Number	Description	Qty
1		931-181	DOUBLE GASKET 0,5 MM	1
2, 8, 36	N.A.	913-400	CYLINDER WITH SLEEVE	2a
3		440-366	COLLAR HEX. SCREW M8X90 A/F 11	8
4		850-540	O-RING 83X2	2
5		850-560	RUBBER GASKET	1
6	N.A.	841-881	STUD M8X75	2
7		240-490	STUD M8X84	10
9		842-471	COLLAR CAP NUT M8	12
10-11		922-511	THERMOSTAT WITH GASKET	1
11	S.V.	931-270	THERMOSTAT GASKET	1
12, 16		922-061	BENT OUTLET SOCKET	1
13		945-751	LOCK WASHER A6 DIN 128	4
14		940-561	HEX.SCREW M6X20	4
15		850-338	GASKET	1
17		240-480	PLUG SCREW 1/8-27NPT	3
18		230-415	SEALING RING A 6X10 DIN 7603	2
19		940-551	HOSE NIPPLE M6	1
20		841-580	HEX. SCREW M6X8	1
21	N.A.	253-242	VALVE ROD	2
22		242-031	HEX.NUT BM6	2
23		244-211	WASHER 6,4 DIN 134	2
24	N.A.	854-058	EXHAUST VALVE 76 MM	2

No.	Status	Part Number	Description	Qty
25		230-260	O-RING 6X3	2
26		230-256	GASKET	2
27		253-367	VALVE ROD HOUSING	2
28		845-020	SPRING WASHER B6	4
29		241-236	ALLEN SCREW M6X16	4
30	N.A.	268-935	PIPE BEND	2
31		942-810	HEX. SCREW M7X0,75	4
32		942-541	HEX. NUT M6X0,75 HIGHT 3 MM	2
33		241-440	ADJUSTMENT SCREW M6X0,75	2
34		260-723	BELLOWS	2
35		866-710	CLAMP 142X2,5 MM	2
37		239-043	HOSE SPRING 134-2,3-0,4-0,0	2
38	N.A.	248-245	VALVE LEVER	2
39	N.A.	239-995	SPRING	2
41		241-220	ADJUSTMENT SCREW	2
42	N.A.	210-335	VALVE COVER	2
43	N.A.	239-035	SPRING CLIP	2
44		922-521	MOLDED HOSE_25/180 DEGREE	1
45		951-880	CLAMP 20-32	2
46		851-129	INTAKE SILENCER BR	1

★ROTAX 618 UL ENGINE DUCATI MAGNETO-GENERATOR 12V 200W,
STARTING PULLEY PARTS

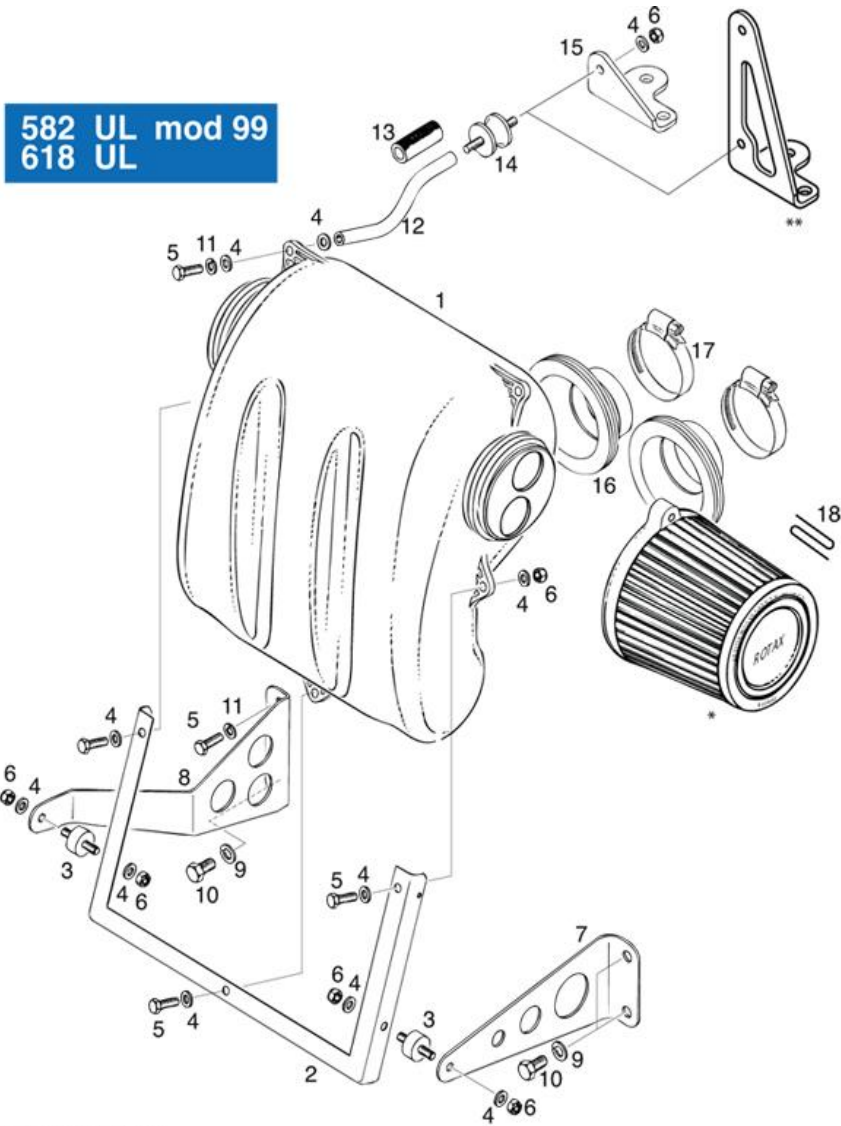


No.	Status	Part Number	Description	Qty
1-2	N.A.	886-621	MAGNETO GENERATOR P12W200	1
1	N.A.	996-827	MAGNETO FLYWHEEL P12W200	1
2	N.A.	996-848	COIL KIT P12W200	1
3		966-207	STATOR PLATE	1
5	N.A.	841-506	ALLEN SCREW M5X35	3
6		927-571	WASHER 5,3	2
7	N.A.	840-515	ALLEN SCREW M5X18	2
8-10		965-769	PICKUP ASSY.	1a
9, 12		964-072	INSULATION SHEATH	1
10, 13		964-067	FASTON CONNECTOR 3,96	1
11-13		965-761	PICKUP ASSY.,	1b
14		941-925	TAPTITE SCREW M5X16	4
15		827-800	WASHER A 5,5 DIN 6902	4
16		965-497	HYDRO DAMPER ASSY.,	1
17		945-759	LOCK WASHER 22	1
18		842-239	HEX. NUT M22X1,5	1
19		852-410	STARTING PULLEY	1
20		945-752	LOCK WASHER A8	3
21		940-591	HEX.SCREW M8X20	3
22		966-060	SPIRAL HOSE 6,5X8,5X0,6 (SEE NOTE BELOW)	ARc
23		960-289	CABLE GROMMET 20,5/13	1
24		260-130	CABLE GROMMET	2
25		265-275	FASTON CONNECTOR	2

☆ROTAX 618 Parts

★RORAX 582,618 UL ENGINE INTAKE SILENCER PARTS

582 UL mod 99
618 UL

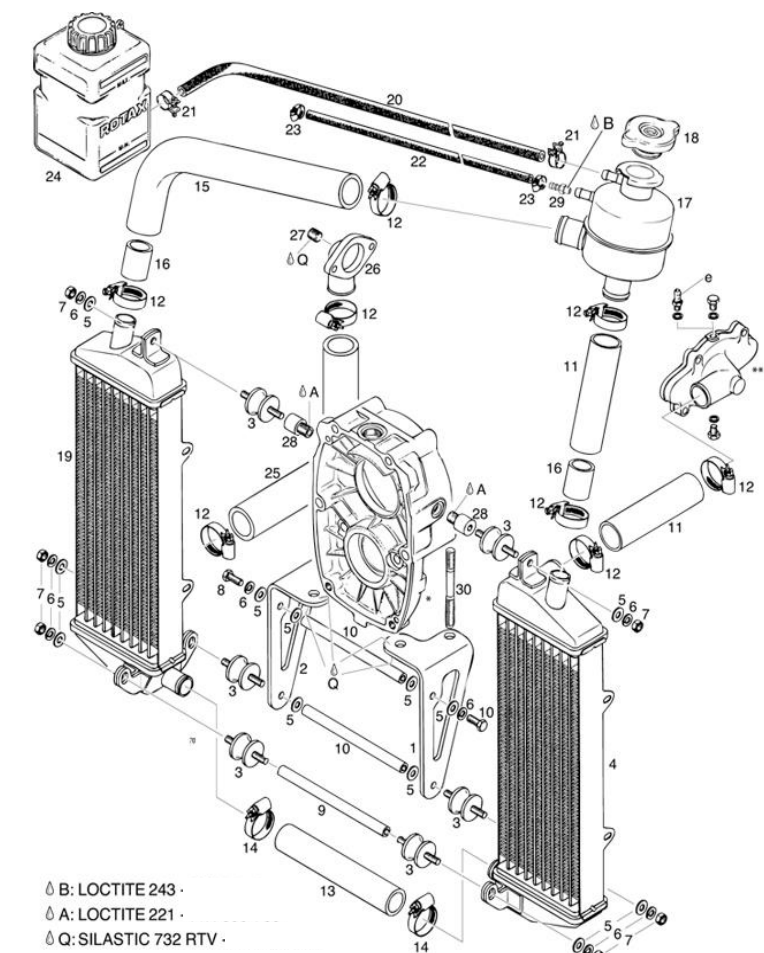


No.	Status	Part Number	Description	Qty 582 Mod. 99	Qty 618
1-17		825-743	INTAKE SILENCER SET 2-V	1	1
1-6		825-740	INTAKE SILENCER W/ FRAME	1	1
1		825-656	INTAKE SILENCER ASSY.,	1	1
2		953-151	FRAME	1	1
3		860-700	RUBBER 20X10XM6	2	2
4		244-213	WASHER 6,4	13	13
5		940-563	HEX. SCREW M6X20	5	5
6		842-042	LOCK NUT M6	8	8
7		953-166	INTAKE SILENCER BRACKET MS	1	1
8		953-163	INTAKE SILENCER BRACKET AS	1	1
9		845-382	LOCK WASHER A8	3	3
10		940-583	HEX. SCREW M8X16 STAINLESS STEEL	3	3
11		845-381	LOCK WASHER A6	2	2
12		847-608	DISTANCE BAR	1	1
13		956-236	PROTECTION HOSE	1	1
14		260-657	RUBBER BUFFER 25X20XM6	1	1
15		851-129	INTAKE SILENCER BRACKET	1	1
16		825-662	SILENCER SOCKET	2	2
17		951-791	CLAMP 50-70	2	2
18		01-15725	SAFETY WIRE .032 25 FT.	ARa	ARa

FOR CHART BELOW:
a IF INSTALLED WITH FILTER ON TOP.
b IF INSTALLED WITH FILTER ON BOTTOM.

★ROTAX 618 Parts

★ROTAX 582,618 UL ENGINE 2-PIECE RADIATOR SET
FOR INVERTED ENGINE INSTALLATION PARTS

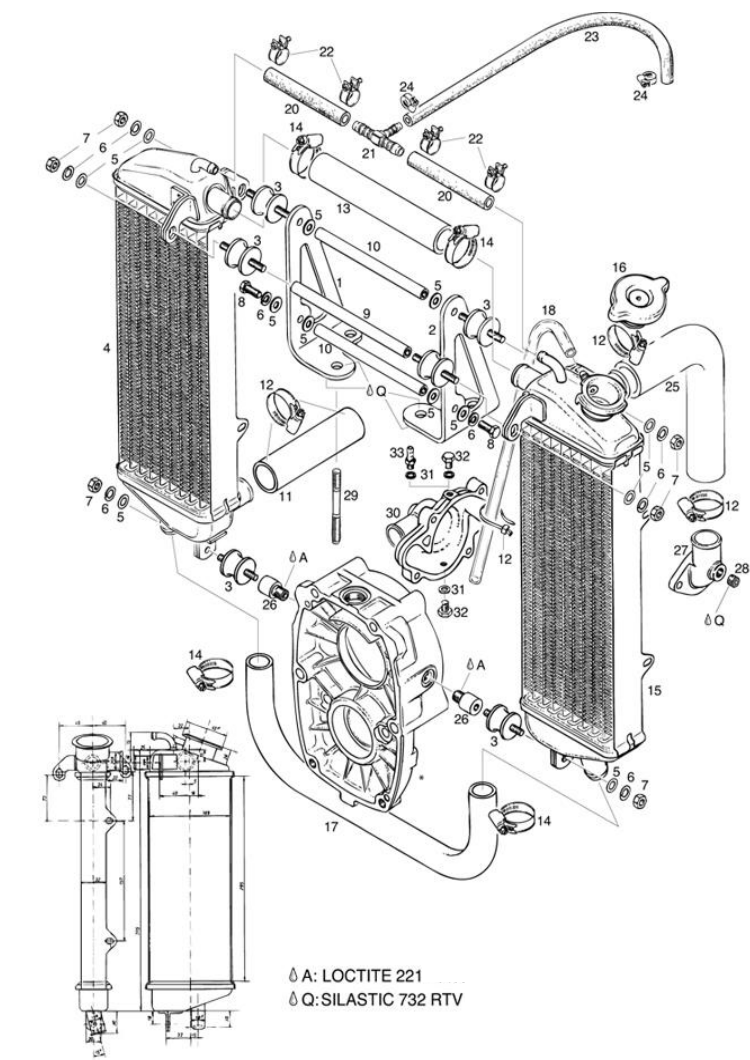


No.	Status	Part Number	Description	Qty 582 Mod. 90	Qty 582 Mod. 99	Qty 618
1		851-122	RADIATOR BRACKET RIGHT	1	1	1
2		851-127	RADIATOR BRACKET LEFT	1	1	1
3		260-657	RUBBER BUFFER 25X20XM6	6	6	6
4		995-913	RADIATOR WITHOUT FILLER CAP	1a	1a	1a
5		244-211	WASHER 6,4 DIN 134	12	12	12
6		945-751	LOCK WASHER A6 DIN 128	6	6	6
7		242-211	HEX.NUT M6	2	2	2
8		241-186	HEX.SCREW M6X16	1	1	1
9		847-600	DISTANCE TUBE	2	2	2
10		847-605	DISTANCE BOLT	2	2	2
11		922-115	CONNECTING HOSE 110 MM	8	8	8
12		951-880	CLAMP 20-32	1	1	1
13		922-124	CONNECTING HOSE 150 MM	2	2	2
14		951-870	CLAMP 16-25	1	1	1
15		922-111	BEND HOSE	2	2	2
17-18		922-312	EXPANSION TANK ASSY. 90 DEGREE	1	1	1
18		922-070	RADIATOR CAP WITH GASKET 1,2 BAR	1	1	1
20		956-260	LOW PRESSURE HOSE GC 8X12	ARf	ARf	ARf
21		951-241	CLAMP 12	1	1	1
22		860-300	LOW PRESSURE HOSE GC 6X11	ARf	ARf	ARf
23		951-898	CLAMP 7-11	2	2	2
24		922-327	OVERFLOW BOTTLE WITH CAP	1	1	1
25		922-381	BENT HOSE 25/90 DEGR.	1	1	1
26		922-061	BENT OUTLET SOCKET	1	1	1
27		240-480	PLUG SCREW 1/8-27NPT	1	1	1
28		847-760	THREADED SPACER M6/M10	2b		
28		847-730	SPACER 6,5/18/9		2c	
29		940-551	HOSE NIPPLE M6	1	1	1
30		240-490	STUD M8X84	1e		1e

FOR CHART BELOW:

a COOLING SURFACE 3,2 DM2 (49,6 IN2)
b FROM ENGINE S/N: 3.916.823
c UP TO ENGINE S/N: 4.916.822
d FOR EVACUATION OF AIR, AT INSTALLATION OF ENGINE WITH SPARK PLUGS DOWN.
e LONGER STUDS FOR 582 UL MOD. 90 AND 618 UL
f IN A ROLL
g NO LONGER AVAILABLE

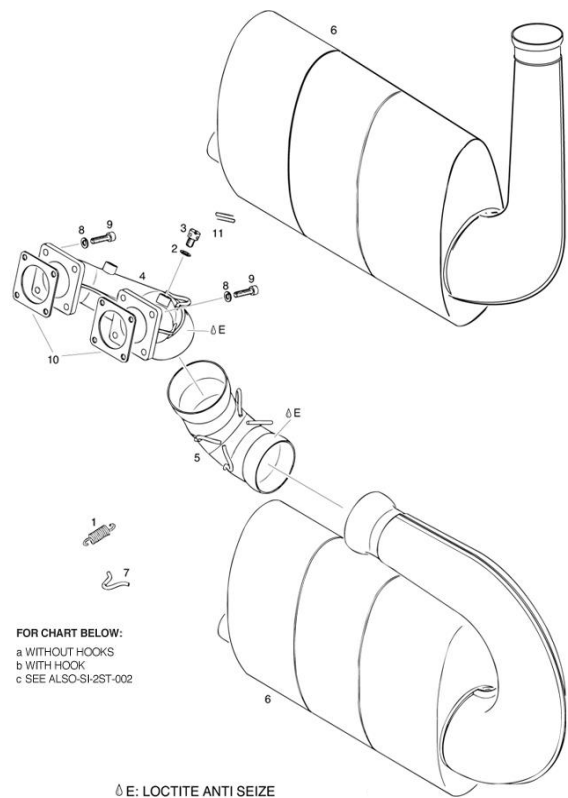
★ROTAX 582,618 UL ENGINE 2-PIECE RADIATOR SET
(HIGH CONFIGURATION) PARTS



- a COOLING SURFACE 3.2 DM² (49.6 IN)
b FROM ENGINE S/N: 3.916.823
c UP TO ENGINE S/N: 4.916.822
d FOR EVACUATION OF AIR, AT INSTALLATION OF ENGINE WITH SPARK PLUGS DOWN.
e LONGER STUDS FOR 582 UL MOD. 90 AND 618 UL
f IN A ROLL

No.	Status	Part Number	Description	Qty 582 Mod. 90	Qty 582 Mod. 99	Qty 618
1-25		881-433	RADIATOR SET	1	1	1
1		851-122	RADIATOR BRACKET RIGHT	1	1	1
2		851-127	RADIATOR BRACKET LEFT	1	1	1
3		260-657	RUBBER BUFFER 25X20XM6	6	6	6
4		995-914	RADIATOR WITHOUT FILLER CAP	1a	1a	1a
5		244-211	WASHER 6,4 DIN 134	12	12	12
6		945-751	LOCK WASHER A6 DIN 128	8	8	8
7		242-211	HEX.NUT M6	6	6	6
8		241-186	HEX.SCREW M6X16	2	2	2
9		847-600	DISTANCE TUBE	1	1	1
10		847-605	DISTANCE BOLT	2	2	2
11		922-115	CONNECTING HOSE 110 MM	1	1	1
12		951-880	CLAMP 20-32	4	4	4
13		922-124	CONNECTING HOSE 150 MM	1	1	1
14		951-870	CLAMP 16-25	4	4	4
15		995-919	RADIATOR WITH FILLER CAP	1a	1a	1a
16		922-070	RADIATOR CAP WITH GASKET 1,2 BAR	1	1	1
17		922-193	WATER TUBE	1	1	1
18		974-530	FUEL HOSE A5X8	ARf	ARf	ARf
18		974-542	FUEL TUBE 250 MM	1	1	1
19		866-710	CLAMP 142X2,5 MM	2	2	2
20		956-260	LOW PRESSURE HOSE GC 7,5X12,5	ARf	ARf	ARf
20		956-262	RADIATOR HOSE 95 MM	2	2	2
21		974-839	REDUCTION T-PEACE 8-6-8	1	1	1
22		951-241	CLAMP 12	4	4	4
23		860-300	LOW PRESSURE HOSE GC 6X11	ARf	ARf	ARf
24		951-898	CLAMP 7-11	2	2	2
25		922-381	BENT HOSE 25/90 DEGR.	1	1	1
26		847-760	THREADED SPACER M6/M10	1	1	1
26		847-730	SPACER 6,5/18/9		2c	
27		922-061	BENT OUTLET SOCKET	1	1	1
28		240-480	PLUG SCREW 1/8-27NPT	1	1	1
29		240-490	STUD M8X84	4e		4e
30		222-388	WATER PUMP HOUSING	1		
30		922-503	WATER PUMP HOUSING		1	1
31		230-415	SEALING RING A 6X10 DIN 7603	2	2	2
32		841-580	HEX.SCREW M6X8	2	2	2
33		940-551	HOSE NIPPLE	1d	1d	1d

★ROTAX 618 UL ENGINE EXHAUST SYSTEM PARTS



FOR CHART BELOW:
a WITHOUT HOOKS
b WITH HOOK
c SEE ALSO-SI-2ST-002

No.	Status	Part Number	Description	Qty 447	Qty 503	Qty 582 Mod. 90	Qty 582 Mod. 99	Qty 618
1		938-795	SPRING 66 MM					6
2		950-141	GASKET RING A 8X13 DIN 7603					2
3		941-615	CAPSTAN SCREW M8X1X10					2
4		979-210	EXHAUST MANIFOLD ASSY.,					1
5		973-183	CONNECTING ELBOW ASSY.,					1b
6		978-840	MUFFLER ASSY.,					1b
6		978-845	MUFFLER ASSY.,					1a
7		853-355	HOOK					16
8		945-751	LOCK WASHER A6 DIN 128					8
9		840-861	ALLEN SCREW					8
10		850-552	GASKET					2c
11		01-15725	SAFETY WIRE .032 25 FT.					