

It is a great honor for us, that you have chosen our product. We believe that the MINIBIKE will work for you without problems and will bring you much pleasure and fun.

The producer of the MINIBIKE is BLATA Company.

Manufacturing Number CZ .....

Signature of the technical control: .....

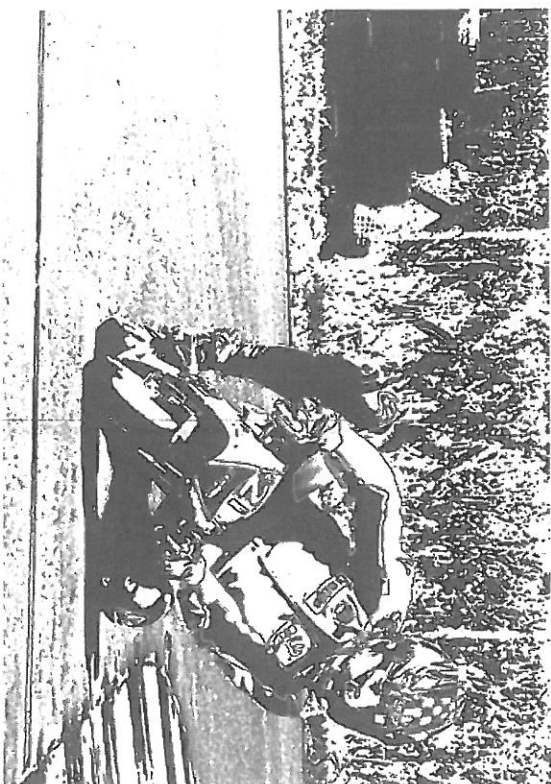
This manual served also as a **GUARANTEE LIST**. Please, after receiving the product check the manufacturing number and the date of sale. In the case of a claim it is necessary to submit this guarantee list.

Rights of a purchaser governed by special legislation relating to the purchase of goods are not violated by granting the warranty.

Date, stamp and signature of the dealer:

# MINIBIKE

## Elite 15 - 4,2



# Blata





## EC Declaration Of Conformity

Manufacturer:  
Address:  
Blata, s. r. o.  
Pražská 9  
678 01 Blansko  
Czech Republic

Product:  
Model:  
Derived types:  
Minibike  
Elite 16  
Elite 15 - 4.2  
Elite 15 - R  
Elite 15 - WRS  
Elite 15 RMS, RM14

The undersigned hereby declares, on behalf of BLATA s. r. o., that the above-referenced product to which this declaration relates is in conformity with the provisions of

Council Directive 98/37/EC of 22 June 1998 on the approximation of the laws of the Member States relating to machinery and its amending directives

Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to Electromagnetic Compatibility (EMC) and its amending directives

and that the product has been designed to comply with the relevant sections of the below referenced specifications

- CSN EN ISO 12100-1:2004 (EN ISO 12100-1:2003)
- CSN EN ISO 12100-2:2004 (EN ISO 12100-2:2003)
- CSN EN 294:1993 (EN 294:1992)
- CSN EN 811:1998 (EN 811:1996)
- CSN EN 953:1998 (EN 953:1997)
- CSN EN 563:1995 including amendment A: 2000 (EN 563:1994)
- CSN EN 1050:2001 (EN 1050:1993)
- CSN EN 55 012:2002
- CSN EN ISO 3744:1995
- CSN EN ISO 11202:1997

Pavel Blata  
Managing Director

Noise emitted by machinery and equipment (Minibike BLATA ELITE 14) - Measurement of emission sound pressure levels at a work station and at other specified positions. Levels measured by authorized person (TUV CZ s.r.o.). Test record (no.: 814/90/06/BT/IZ/H) is deposited with producer.

RPM	Average level of the acoustic pressure A at a work station (CSN EN ISO 11202)	Total average level of the acoustic power (CSN EN ISO 3744)
2600 rpm (idling speed)	$L_{Aeq} = 82.8 \text{ dB}$	$L_{WA} [dB(A)] = 87.2 \text{ dB}$
11 000 rpm	$L_{Aeq} = 106.6 \text{ dB}$	$L_{WA} [dB(A)] = 112.9 \text{ dB}$

## NON USE AND STORAGE PROCEDURE

It is recommended to drain out all fuel from the tank and carburetor. Inflate the tires to the working pressure and put the minibike on the stand. During a long storage period, unbolt the spark plug and insert a couple of drops of the motor oil into the cylinder. Pull the starting rope a couple of times so a film of oil covers and evenly coats the cylinder walls and piston rings.

\* Long period is 90 days and longer.

Rights reserved for technical, text and design changes of the BLATA Company.

# MINIBIKE - ELITE 15 - 4,2

**TORQUE SETTINGS**  
 (1 FT-LB = 1,3558 Nm)  
**QTY TORQUE SETTING (FT-LB) SECURED BY**

PART NAME	QTY	TORQUE SETTING (FT-LB)	SECURED BY
<b>ENGINE</b>			
Cylinder head, liquid cooled - M6	6	14	
Cylinder - nuts M6	4	13	
Intake manifold - M5	4	7	
Starter cover - M6	3	15	
Ratchet wheel - bolt M6	1	13	Loctite 243
Magneto (rotor) - nut M10	1	34	
Starter pinion - bolts M5	2	7,5	Loctite 243
Ignition coil - bolts	2	7,5	
Ignition coil holder - bolt M6	1	11	
Crankcase halves - M6	5	21	
Clutch base - nut M8	1	30	
Clutch case - bolts M6	3	14	
Pinion bearing case - bolts M6	2	14	
Reeds - bolts M3	4	1	
Float chamber - bolts M4	1	3	Loctite 243
Slider cover (carburetor) - bolts M4	2	3	
Fuel filter cap - bolt M5	2	3,5	
Pinion - M8	1	30	Loctite 243
<b>FRAME</b>			
Front wheel axle - nut M10	1	47,5	
Front brake rotor - M5	3	20,5	Self - locking
Front brake bracket - M6	4	17	
Steering shaft - M10	1	27	
Handlebar clip-on - M8	2	25	Self - locking
Fork brackets - M5	4	12	
Engine bracket, top - M6	2	20,5	
Engine bracket, head - M8	1	25	Self - locking
Engine bracket, bottom - M8	1	30	Self - locking
Rear wheel axle - nut M10	1	47,5	
Rear brake rotor - M5	3	20,5	Self - locking
Sprocket - M5	3	20,5	
Foot rests - M5	2	27	Self - locking
Chain guard - M6	2	21	
Sprocket guard - M5	2	14	
Rear brake holder - M5	4	13	Loctite 243
Expansion chamber - M6	4	7	Self - locking
Fairing, seat and rear fender - M6	4	8	
Rear calliper anchor plate - M6	1	17	
Handlebar clips - M6	2	11	
Brake levers clips - M5	2	5	
Throttle clip (handlebar) - M5	2	7	
Throttle plastic cover - M4	2	3	

**SERVICE MANUAL FOR USE AND MAINTENANCE AND SPARE PARTS LIST**  
 For your own safety and the safety of others Follow these recommendations in order to use your MINIBIKE safely and correctly. Read the instructions CAREFULLY, failure to do so may place yourself and others in extreme and or ultimate DANGER. If you do not understand the instructions and Data then, you are not to attempt to operate this Minibike under any circumstances. It may be used for show purposes only!

## CONTENTS

	PAGE
INTRODUCTION .....	2
TECHNICAL DATA .....	2
UNPACKING AND SETTING UP BEFORE RIDING .....	2
SAFETY .....	3
BEFORE STARTING .....	3
STARTING THE ENGINE - FIG. 2 .....	3
CARBURETOR - FIG. 3 .....	4
RIDING .....	4
PERIODIC MAINTENANCE .....	4
CHAIN SETTING AND MAINTENANCE .....	5
CENTRIFUGAL CLUTCH REPAIR OR REPLACEMENT .....	5
BRAKES ADJUSTING .....	5
REMOVE AND REFIT THE FRONT WHEEL .....	7
REMOVE AND REFIT THE REAR WHEEL .....	7
REPLACEMENT OF SPROCKET - FIG. 9 .....	7
MINIBIKE ELITE 15 - 4,2 - FIG. 5 .....	8,9
PARTS LIST .....	10,11
ENGINE BLATA - FIG. 10 .....	12
CLUTCH COMPLETE - FIG. 6 .....	13
FRONT AND REAR BRAKES .....	13
REPLACEMENT OF TIRE .....	14
REMOVE AND REFIT AIR FILTER .....	15
CLUTCH ADJUSTMENT - FIG. 8 .....	15
TORQUE SETTINGS .....	16
STORAGE PROCEDURE .....	17

## INTRODUCTION

The Minibike Elite 15 - 4,2 is designed and built for use on a paved closed circuit track. The track should be clean and without obstacles of any kind. Qualified adults and younger persons can drive the minibike. Children can drive the minibike only under the supervision of a responsible adult person. The minibike is constructed especially for racing competitions on special racing tracks. Minibike Blata should not be used during winter season and under bad weather conditions. Usage under these conditions leads to abnormal mechanical wear and corrosion of most minibike parts - especially those directly exposed to climatic influences. Beside that, riding under these conditions increase the risk of injury or health damage.

The minibike uses a single-cylinder two-stroke, Gasoline combustion engine, and has an air filter and exhaust silencer. Transfer of power to the rear wheel is through a drive chain. The overall drive ratio to the rear wheel can be changed by the replacement of chain sprockets. The front and rear wheel is equipped with disk brakes. The rear brake is controlled with the left lever and the front brake is controlled with the right lever on the handlebars.

## BASIC TECHNICAL DATA

ENGINE:	BLATA .....	TWO-STROKE
	NUMBER OF CYLINDERS .....	1
	CYLINDER CAPACITY .....	39,8 cc
	ENGINE COOLING SYSTEM .....	AIR COOLED
	POWER OUTPUT .....	3,1 kW at 10 300 rpm
	TORQUE .....	3,1 Nm at 9 000 rpm
	CARBURETOR .....	SHA 14 DELL'ORTO
	FUEL ADMISSION .....	REED VALVE DIRECT TO CRANKCASE
	IGNITION .....	CONTACT - LESS
	SPARK PLUG .....	NGK B9 ES
	STARTING .....	HAND PULL TYPE, MANUAL
	CLUTCH .....	CENTRIFUGAL AUTOMATIC
FRAME:	WELDED .....	HIGH STRESS STEEL TUBES
BRAKES:	FRONT WHEEL .....	HYDRAULIC DISC BRAKES
	REAR WHEEL .....	HYDRAULIC DISC BRAKES
WHEELS:	FRONT .....	OF LIGHT ALLOY 2,1" x 6,5" - 99
	REAR .....	OF LIGHT ALLOY 2,3" x 6,5" - 130
TIRE:	FRONT .....	SIZE 90/65 - 6,5"
	REAR .....	110/50 - 6,5" , 90/65 - 6,5"
FUEL:	MIXTURE OF PETROL 95 OR HIGHER OCTANE + 2T SYNTHETIC OIL	
	MIXING RATIO 40:1 (AFTER BREAK IN PERIOD 50:1), RACING PURPOSES 33:1	
	TANK CAPACITY .....	1 Litre
SPEED:	WITH THE INSTALLED RATIO: .....	up to 50mph( 80km/h)
	UNLOADED WEIGHT: .....	(47,3lbs.) 21,5 kg
	CARRYING CAPACITY: .....	(240lbs) 110 kg
	DIMENSIONS: L x W x H .....	37,7" x 20" x 21,2" (960x500x540mm)

## REPLACEMENT OF TIRE - FIG. 5

Remove the wheel from the minibike. For the front wheel unbolt the brake disk and for the rear wheel, the brake disk and sprocket. Deflate the tire, by removing the valve stem. Place the wheel on a hard surface and press the tire bead from the wheel rim in to the middle relief at centre of rim. Tire is ready to be removed from the rim at this time and is done in the conventional manner. After fitting new Tire and Tube (if necessary) to the rim, you can inflate 28 to 30 psi. Take care to check that the tire bead is fully seated in the rim bead edge. You can now refit the wheel to the bike in reverse order to removing it. Use Caution and recheck your work always.

## DISMANTLING AND MOUNTING OF AIR FILTER - FIG. 3

Remove the bolt from the sleeve, which connects the rubber holder of the air filter to the carburetor. When the air filter is loosened, take it out and very carefully wash it in air drying solvent, lubricate it when dry and spray with air filter oil and reassemble, following the steps in the reverse order.

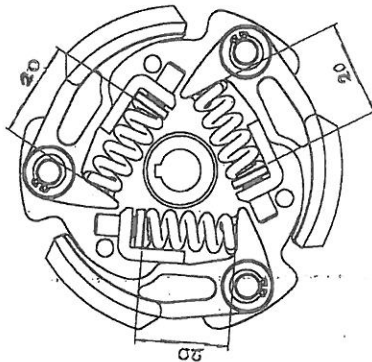
## CLUTCH ADJUSTMENT - FIG. 8

After first hour of use, check the state of the clutch pads. Review the clutch adjustment - engaged with 8 000 - 8 500 rpm.

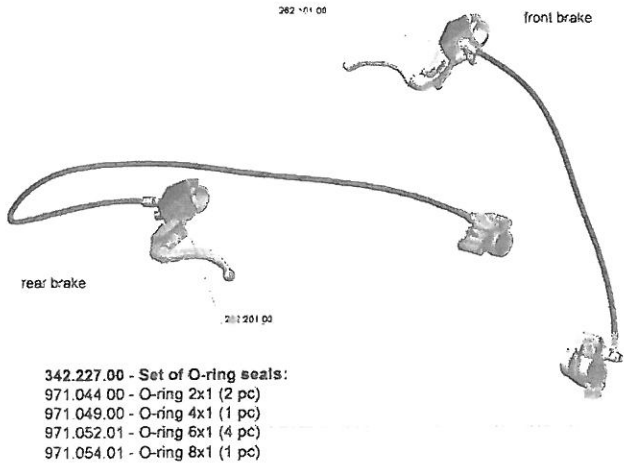
### Basic adjusting:

After every clutch slipper shoe replacement it is necessary to adjust the clutch springs. To increase the revolutions, and feel the clutch working, tighten up the adjusting bolts and to engage shoes at lower revolutions, loosen the bolt. It is important to adjust all the springs to the same level, so the clutch lining wearing is even. The index for adjusting is the length of the spring, which should be 20,00 mm. The length is measured from the bearing surface of the clutch shoe to the spring plate.

FIG. 8

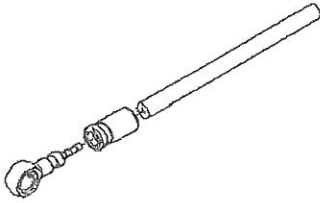


## HYDRAULIC BRAKES



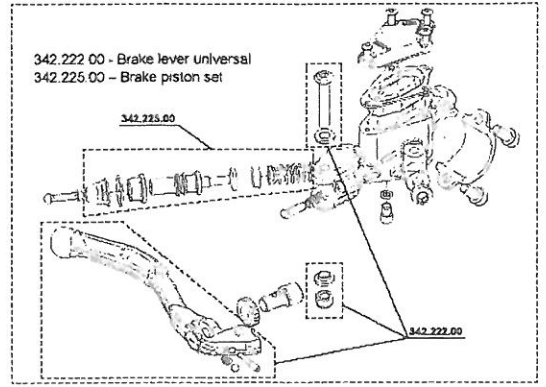
## HOSE

262.103.00 - Rear hydraulic brake hose L=900  
 262.203.00 - Front hydraulic brake hose L=450



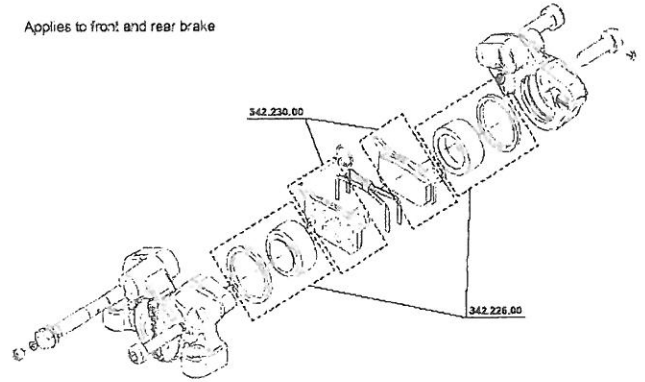
## HYDRAULIC BRAKE LEVER

342.220.00 - Brake lever left (hydraulic brake)  
 342.221.00 - Brake lever right (hydraulic brake)



## HYDRAULIC BRAKE CALIPER

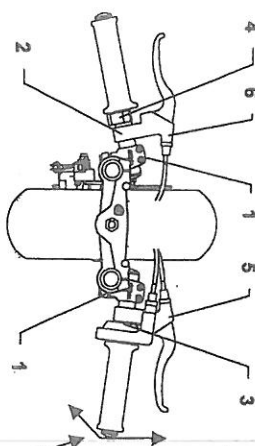
Applies to front and rear brake



## UNPACKING AND SETTING UP BEFORE RIDING

The minibike is delivered in a cardboard carton and packed with folded handlebars and brake levers. After unpacking, set up the handlebars into the position, that suits the best for driving. The maximum pulled brake lever position should not touch on the handlebar grip. After setting up, tighten the handlebar bolts 1, brake lever bolts 2, and the throttle assy. Bolts. See, Fig. 1. The level of foot rest's can be regulated by loosening the bolt M5 (914.003.01) on the handle of the foot rest (139.001.01). The foot rest can be moved to the front or back position. It is recommended to dry and check the position of handlebars and foot rest's individually. While tightening the bolts and nuts, do not use an excessive force as to not damage the threads, or distort the tubes and other parts. Verify the smooth and perfect function of the Bowden cables to throttle and both brakes. Fill the fuel tank with fuel. (Gas-oil mix) Failure to use the proper oil mix ratio will result in Engine damage for which you will be responsible.

Fig. 1



### Operating controls:

1. Handlebar bolts
2. Brake lever bolts
3. Throttle Assy. bolts
4. Stop switch
5. Front brake lever
6. Rear brake lever

Range of adjusting handlebars function position

## SAFETY

The minibike is unsuitable for public road use. It does not comply with valid Safety Standards. Unsafe and careless use of a minibike can result in serious injuries. The driver can minimize the potential risks by wearing the Safety Equipment. The driver must wear safety helmet, goggles, gloves, elbow pads, kneepads, and firm footwear. The minibike cannot be used on wet, icy or oily surfaces. Avoid uneven surfaces and obstacles. Drive with two hands on the handlebars.

### BEFORE STARTING

It is strongly recommended to follow all the instructions about the break-in period to promote engine reliability and long life. Break-in period of the minibike is complete after the consumption of five full fuel tanks. It is important to use fuel mixture of petrol 95 or higher Octane with 2-stroke synthetic oil in the ratio 40:1 and after break-in period a ratio of 50:1. Mix the petrol and oil completely before putting it into the fuel tank. During the break-in period do not run the engine at maximum RPM and do not allow the engine to overheat. Check the tire inflation - 200 kPa (2 bars) or (28 to 30psi) to be commensurate with the driver's weight. The Tyre pressure should never exceed 2,5 bars, (36psi) in either the front or rear wheel.

### STARTING THE ENGINE

Engine starting should be done only on the stand - Fig. 2. Fig. 2. Fill the fuel tank and close it with the filler cap. Open the Gas petcock. Set the petrol supply cock. Set the choke lever into position "C", Fig. 3. Without turning the accelerating handle, pull gently twice the starting wire and by next quick pull start the engine. It is not allowed to pull the starting wire up to full winding off. After a short engine run, set the choke lever back to position "A". Let the engine run about 1 min. Leave the minibike on the stand with running engine and if necessary adjust the revolutions so the rear wheel is not turning. For adjustment use the adjustment screw No. 3 on the carburetor Fig. 3.

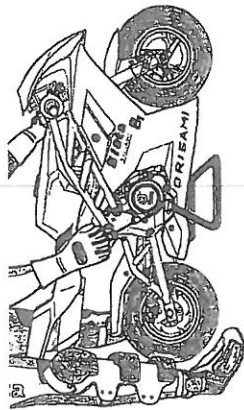


FIG. 2

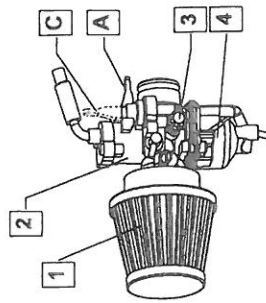


FIG. 3: CARBURETOR

1. Air filter
2. Carburetor body
3. Idle speed adjusting screw
4. Float chamber

- A - Cock position for riding  
C - Cock position for cold starting

### RIDING

Remove the minibike from the stand to sit on the seat. When seated, then slowly rotate the throttle grip to start riding. Before braking, rotate the Throttle grip to the off or idle position and lightly depress the rear brake lever with left hand and then the front brake lever with right hand. Beware to not skid the wheels. The minibike engine is switched off by pushing the red button (Engine stop switch) on the handlebars. It is necessary to check the tightness of bolts and nuts, especially of the engine, and the brake settings after the first ride and often during the break in period.

FIG. 6

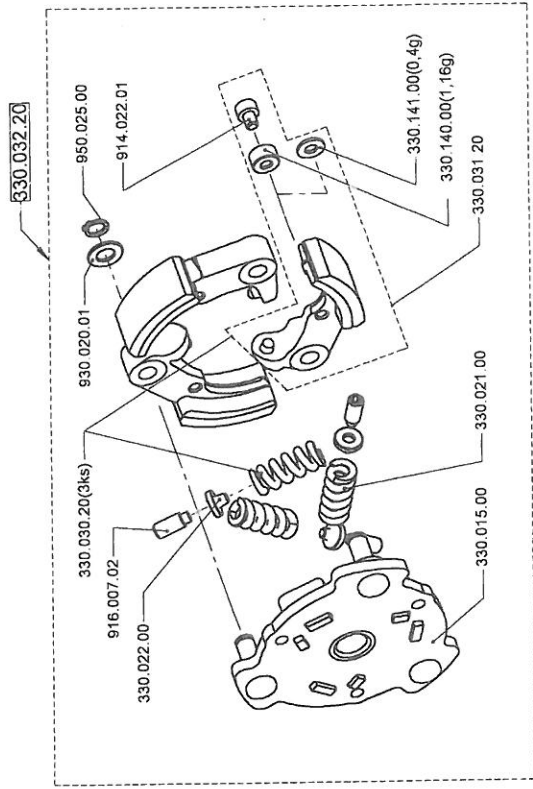
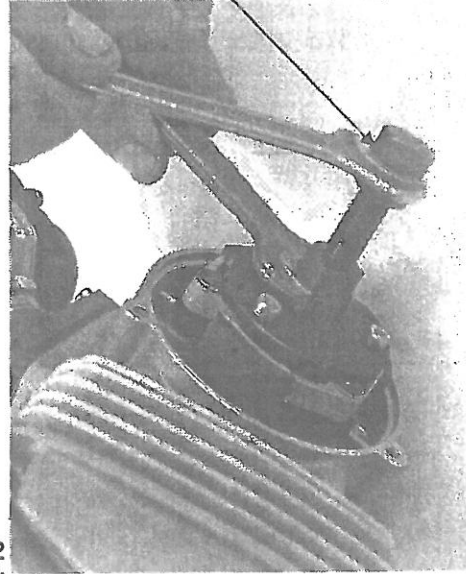


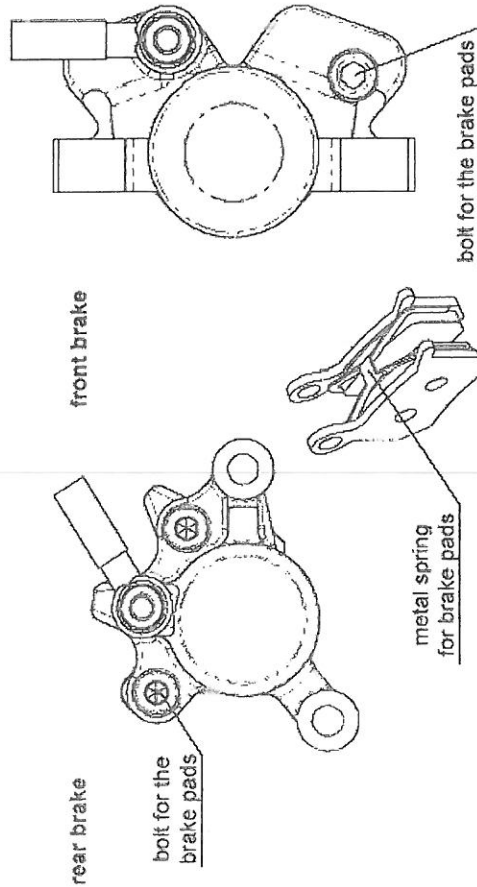
FIG. 16





### REPLACEMENT OF THE BRAKE PADS OF THE HYDRAULIC BRAKES

Loosen the lock ring of the bolt of the brake pads. Unscrew the bolt of the brake pads. Remove the worn pads from the caliper together with the metal spring of the brake pads. Place the metal spring between the pair of new pads and place the set into the caliper. The tongues on the brake pads must fit into the shape in the brake caliper. Screw in the bolt for the brake pads (must pass through the openings in the brake pads) and secure it with the lock ring.



184.004.00	SEAT-TAIL ASSEMBLY NON VARNISHED	911.002.01	OTHER HARDWARE
184.006.06	FAIRING VARNISHED	911.005.01	SCREW M 8 x 45
184.007.00	SEAT-TAIL ASSEMBLY VARNISHED	911.007.01	SCREW M 8 x 110
314.010.00	FRONT FENDER NON VARNISHED	912.006.01	SCREW M 10 x 140
334.008.01	WINDSHIELD + RIVETS	913.003.01	SCREW M 5 x 16
		914.001.01	SCREW M 8 x 35
		914.003.01	SCREW M 5 x 16
		914.005.01	SCREW M 5 x 30
		914.007.01	SCREW M 6 x 16
		914.008.01	SCREW M 6 x 20
		914.010.01	SCREW M 6 x 25
		914.011.01	SCREW M 6 x 30
		914.020.01	SCREW M 6 x 10
		914.021.01	SCREW M 6 x 12
		914.026.01	SCREW M 6 x 12
		914.035.01	SCREW M 6 x 35
		914.510.01	SCREW M 6 x 30 FLAT HEAD
		916.005.01	SCREW M 6 x 16
		916.007.02	SCREW M 5 x 12 ALLEN
		916.015.01	SCREW M 6 x 25
		916.020.01	SCREW M 6 x 40
		916.030.01	SCREW M 5 x 12
		916.031.01	SCREW M 6 x 8
		916.045.01	SCREW M 5 x 6
		916.050.01	SCREW M 5 x 8
		916.060.02	SCREW M 6 x 30 ALLEN
		916.065.02	SCREW M 5 x 25 ALLEN
		920.008.01	NUT M 5 SELF-LOCKING
		920.009.01	NUT M 6 SELF-LOCKING
		920.010.01	NUT M 8 SELF-LOCKING
		920.011.01	NUT M 10 SELF-LOCKING
		920.015.01	NUT M 6 WITH COLLAR
		920.020.01	NUT M 8 x 1
		920.021.01	NUT M 10 x 1
		930.002.01	WASHER 6,4
		930.003.01	WASHER 10,5
		930.004.01	WASHER 8,4
		930.009.00	SPRING WASHER 6,4
		930.014.00	SPRING WASHER 5,4
		930.020.01	WASHER 6,1
		940.001.00	RIVET 4 x 8 AL
		940.006.00	RIVET BULBEX 4,2 x 18,8 WITH CAP
		940.010.00	CYLINDER 6 x 6
		950.003.00	WOODRUFF KEY 3/87 x 3,8
		950.008.00	SAFETY LOCK 35
		950.009.00	SAFETY LOCK 17
		950.018.00	SAFETY LOCK 10 x 1
		950.025.00	SAFETY LOCK 6
		950.050.00	SPRING PIN 10 x 50
		960.003.00	BALL BEARING 6000 - ZZR
		960.004.00	BALL BEARING 6200 - ZZR
		960.008.01	BALL BEARING 6003 - ZZR
		960.012.00	BALL BEARING 626
		960.015.01	BALL BEARING 6203 TN 9 C3
		960.106.00	NEEDLE BEARING 10 x 14 x 12,8
		971.050.00	O - RING 5 x 1,8
		971.071.00	O - RING 27 x 3
		971.080.00	O - RING 41 x 1,78
184.004.00	SEAT-TAIL ASSEMBLY NON VARNISHED	347.010.88	SPROCKET 68 TEETH
184.006.06	FAIRING VARNISHED	617.001.38	CHAIN 138 LINKS
184.007.00	SEAT-TAIL ASSEMBLY VARNISHED		ELECTRIC COMPONENTS
314.010.00	FRONT FENDER NON VARNISHED	128.003.02	SPARK PLUG NGK B 9 ES
334.008.01	WINDSHIELD + RIVETS	338.002.00	ROTOR COMPLETE
		348.001.00	IGNITION COMPLETE
		518.001.00	KILL SWITCH
			OTHER PARTS
		119.003.00	SPACER L=25,8
		119.005.00	CHAIN ROLLER
		118.008.00	GAS TANK WITH CAP
		118.009.00	GAS TANK W/O CAP
		119.010.00	GAS TANK CAP
		119.011.00	RUBBER FRAME PAD
		119.020.00	STAND
		118.035.00	WASHER 6,4 x 18 x 1
		128.002.02	SPACER L=12
		128.002.08	SPACER L=19
		338.006.00	FUEL HOSE 12/175
		128.007.00	HOSE CLAMP 11/7
		128.008.00	HOSE CLAMP 12/8
		128.009.00	HOSE CLAMP 10/7
		128.017.00	WASHER 6,4 x 16 x 1
		138.001.02	ADJUSTABLE FOOT REST - RIGHT
		138.001.03	ADJUSTABLE FOOT REST - LEFT
		138.010.01	ADJUSTABLE FOOT RESTS - PAIR
		189.002.00	DECAL SET ELITE 15
		129.004.00	SADDLE RUBER COMPLETE
		329.001.00	FOOT PEGS PLASTIC - PAIR
		339.010.00	FUEL HOSE 10/250
		339.012.00	HOSE CLAMP 28/8
		339.012.01	HOSE CLAMP 8/7
		348.027.00	FUEL COCK
		519.023.00	WASHER 5,4 x 16 x 1
		519.024.00	WASHER 6,4 x 18 x 1,5
		970.005.00	SEAL 17 x 25 x 4
		331.048.00	SHOCK ABSORBER MOUNTING
		335.040.01	SHOCK ABSORBER MOUNTING
		339.045.00	STEERING DAMPER

230, 020, 10 MINIBIKE ELITE 4S - 4.2

MINIBIKE ELITE 44 - 4.2

110,086.76	ENGINE	330,083.00	AIR FILTER U. - 60
110,002.10	JET 76	330,085.00	BEARING CASE
120,041.00	CARBURETOR SHA14 / 12	330,091.00	CYLINDER GASKET - 4 PCS
120,088.00	STARTER ROPE	510,005.00	STARTER ROPE HAND HOLDER
150,001.00	JETS SET (68-89)	331,001.02	FRAME VARNISHED
150,004.00	ENGINE COMPLETE	331,014.00	SPOCKED GUARD
150,004.01	PISTON COMPLETE - A	331,024.00	HANDLEBAR RETAINER
150,004.02	PISTON COMPLETE - B	262,101.00	BRAKES
150,004.03	PISTON COMPLETE - C	262,201.00	FORMULA FRONT BRAKE
150,004.10	ENGINE BLOCK GASKET SET	262,103.00	REAR HYDRAULIC BRAKE HOSE L=900
150,004.00	EXHAUST SEALING	262,203.00	FRONT HYDRAULIC BRAKE HOSE L=450
150,005.00	ENGINE PROPER	372,020.00	HYDRAULIC BRAKE HOLDER REAR
150,005.01	CYLINDER - A	372,020.00	HYDRAULIC BRAKE HOLDER FRONT
150,005.02	CYLINDER - B	342,220.00	BRAKE HYDRAULIC LEVER LEFT
150,005.03	CYLINDER - C	342,221.00	BRAKE HYDRAULIC LEVER RIGHT
150,073.00	CYLINDER-PISTON COMPLETE	342,225.00	LEVER PISTONS SET
150,073.00	CYLINDER HEAD COMPLETE - AIR	342,230.00	HYDRAULIC PADS KIT
150,075.30	EXHAUST COMPLETE	263,204.00	REAR BRAKE DISC
150,090.10	CYLINDER SEALING SET	263,104.00	FRONT BRAKE DISC
310,040.00	HEAD HOLDER SILENT BLOCK		
330,005.00	PISTON RING		
330,008.00	WRIST PIN		
330,010.00	STARTER LEVER - CHOCKE		
330,011.00	CRANK SHAFT		
330,015.00	CLUTCH SUBBASE		
330,016.00	CYLINDER HEAD HOLDER SET		
330,017.00	CLUTCH SHOE		
330,018.01	CLUTCH CASE		
330,021.00	CLUTCH SPRING 2.5 x 6.5		
330,022.00	SPRING PLATE		
330,023.00	STARTER LEVER SPRING		
330,024.00	CLUTCH BASKET		
330,025.00	DISTANCE WASHER		
330,028.01	CLUTCH CASE		
330,029.00	PINION 6 TEETH		
330,030.00	CLUTCH SHOES COMPL. (3 LEVERS)		
330,032.00	CLUTCH COMPLETE	113,015.00	WHEELS
330,033.00	SPACER - PISTON	133,002.09	SPACER L=14.5
330,040.00	STARTER COMPLETE	133,010.09	TIRE 90/65 - 6.5" Rad.
330,045.00	STARTER CASE	133,014.00	TIRE 110/60 - 6.5" Rad.
330,046.00	GROMMET	153,033.00	WHEEL AXLE
330,047.00	STARTER SPRING	313,002.00	CHAIN STRETCHER COMPLETE
330,049.00	STARTER RATCHEL WHEEL	343,005.00	VALVE 90° - TUBELESS
330,051.00	SILENT BLOCK TUBE	313,010.43	WHEEL AXLE
330,052.00	INTAKE GASKET	313,011.02	DISC 2.1" x 6.5" - 99
330,053.00	INTAKE BRANCH	313,020.20	RM/HUB ASSY 2.3" - 6.5"-130
330,055.00	FLANGE	313,021.02	WHEEL COMPLETE W/O TIRE 2.1" - 6.5" - 99
330,056.00	INTAKE BRANCH COMPLETE	343,004.00	WHEEL COMPLETE W/O TIRE 2.3" - 6.5"-130
330,058.00	DIAPHRAGM COMPLETE	513,011.06	WASHER
330,059.00	DIAPHRAGM - WHITE (PAIR)		AXLE SPACER L=117.3
330,066.01	ENGINE BLOCK GASKET SET		AXLE SPACER L= 95.3
330,067.00	COIL (MAGNETO) HOLDER		
330,068.00	SPACER		
330,076.00	SILENCER	154,015.00	BODY
330,077.00	SILENCER MASS	184,001.00	CHAIN GUARD
330,078.00	CARBURETOR SEALING RING	184,002.00	GLASS BODY COMPLETE NON VARNISHED
		184,003.00	GLASS BODY COMPLETE VARNISHED
			FAIRING NON VARNISHED

REMOVE AND REPLACE THE FRONT WHEEL - FIG. 5

Before dismantling the front wheel it is necessary to remove the front brake pads from the front brake, so it is possible to move the brake caliper from the wheel and be able to draw out the wheel and tire. Remove the front axle nut M10 (920,011,01). Draw out the axle from the fork and wheel. Remove the wheel by an easy pull downwards from the forks. Caution, while removing the wheel the left side spacer washer will fall out! During the assembly process put the spacer washer between the brake rotor and brake caliper mount plate and the right side distance spacer between the wheel and right fork (385,025,00). Return the brake pads with the spring and tighten up the axle nut. Perform the basic brake adjusting. Double check your work. This is important!

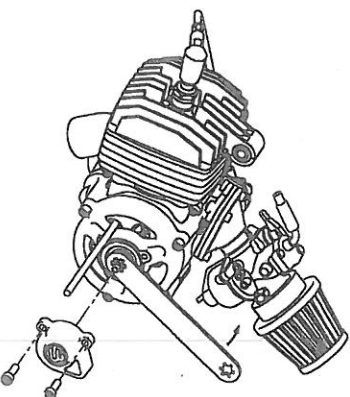
REMOVE AND REPLACE THE REAR WHEEL - FIG. 5

Remove the rear wheel axle nut. Loosen the nut on the rear caliper anchor plate. Remove the two wheel adjuster plate nuts. (M6) Move the wheel forward and remove the chain. Safely (hold) keep the rear wheel from falling out while pulling out the axle. Caution, note the location of both spacer tubes and one spacer washer (between caliper mount plate and rotor) while removing wheel. When refitting the wheel, make sure to slide the brake rotor into the caliper between the pads. Hold the wheel in place and fit the wheel spacers in proper order. Insert the spacer washer between the caliper plate and the brake rotor and on both sides place the axle spacers at the appropriate time during assembly. Adjust chain tension and tighten axle nut. Tighten the caliper holder plate nut and set and tighten both chain adjuster plate M6 nuts. At this time check the brake operation. Recheck all your work. This is important!

REPLACEMENT OF PINION - FIG. 9

First dismantle the front chain guard and chain guard. Loosen the nut of rear wheel axle and the nut of chain tightener, remove chain. Insert carefully a larger screw drive or steel rod into the hole of clutch drum, Fig. 9, to avoid a turning over the clutch drum at releasing the pinion. Using the pinion wrench P/N 319,050,00, release the new pinion to be carried out by reverse way.

FIG. 9



# MINIBIKE - 4,2 Eilite 15

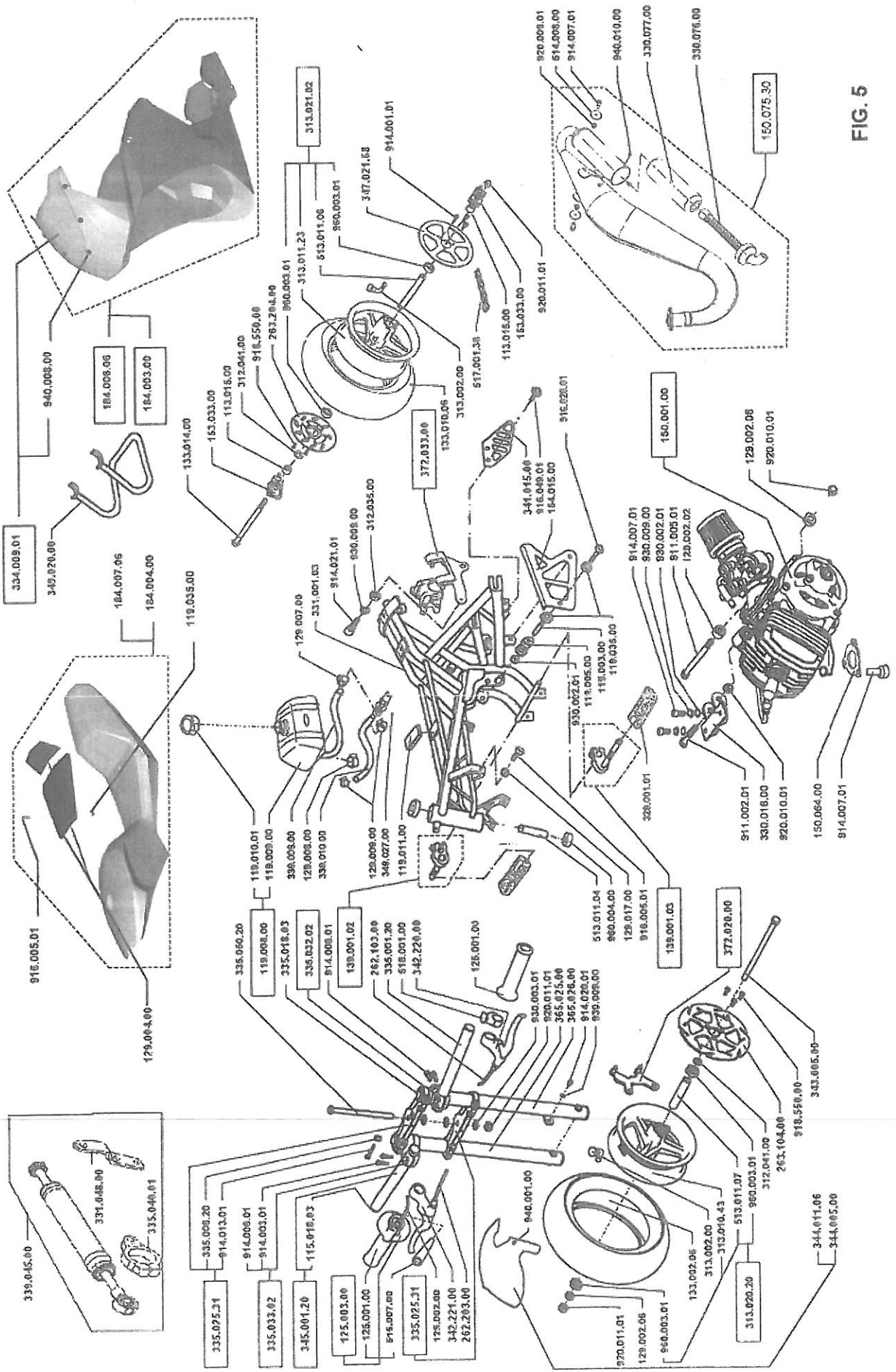


FIG. 5