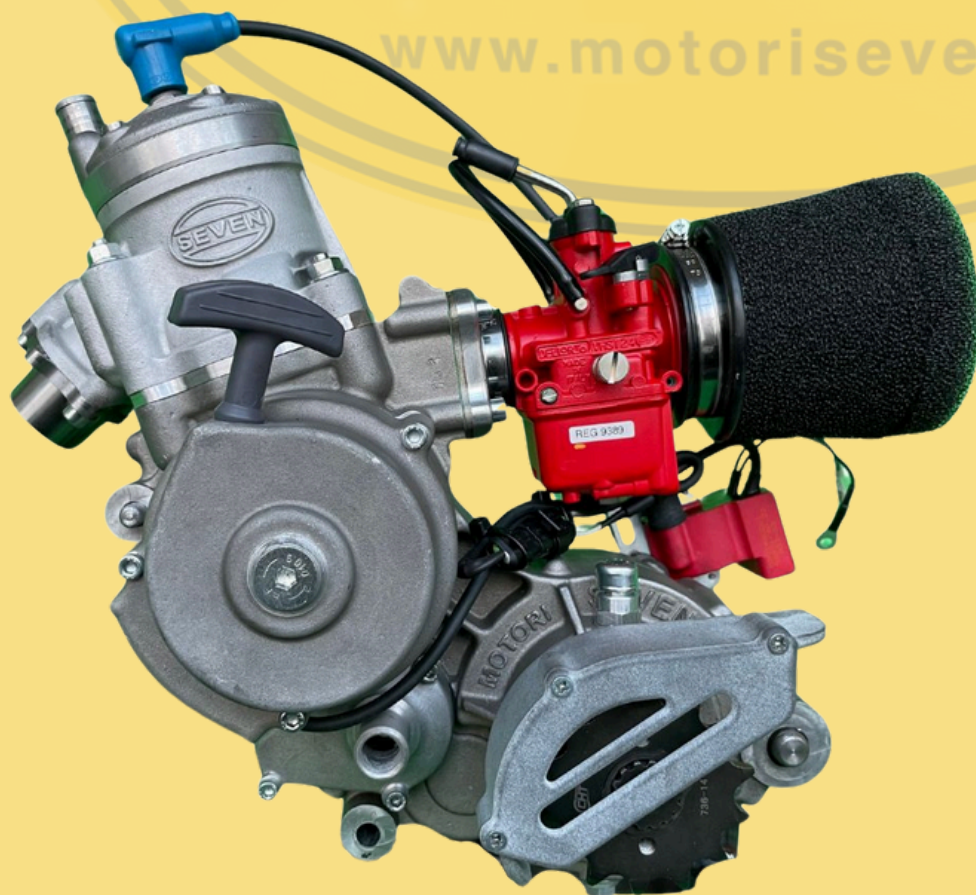




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L10

USER MANUAL

TECHNICAL SPECIFICATIONS L10

TYPE	Single cylinder 2 stroke
INTAKE SYSTEM	Reed valve intake
BORE	39,9
STROKE	40
DISPLACEMENT	50 cc
COOLING	Water cooled
TRASMISSION	Automatic CVT
SPARK PLUG	Brisk D10
CLUTCH	Dry multi-disc
IGNITION	Digital Selettra
ENGINE RPM	14.000 RPM
CARBURETOR	Dell'Orto VHST 24mm
POWER	18CV

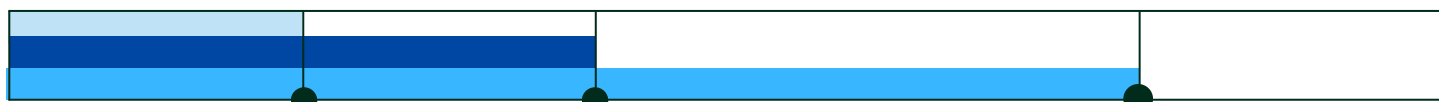


MAINTENANCE TIME L10

6 H

12 H

35 H



PISTON
PISTON CAGE

- OIL SEAL
- BEARINGS
- CRANKBEARING
- SILVER CRANK WASHER
- PISTON BEARING
- GASKET KIT
- ENGINE OIL

- CONNECTING ROD
- CLUTCH DISCK
- CLUTCH SPRING
- LAMELLA



SPARE PARTS



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TECHNICAL DATA SUMMARY TABLE

DESCRIPTION	DATA	NOTE
FUEL MIXTURE	4%	RSK-BLU PRINT
GEARBOX OIL	120 ml	ATF DEXTRON III
OPERATING TEMPERATURE ENGINE	min.48°C / max.54°C	
TIMIN ADVANCE	2.70mm	Before the T.D.C.
SQUISH WHITH "I4" - "O" - "2A" - "G1" cylinder head	3 0,60mm	Measured with "bridge" (2 min simultaneous points) D. 1.5mm tin
PISTON RING GAP	0,30mm (0,25mm min.)	Installed into the cylinder
STANDARD SPARK PLUGS	BRISK D10	
RACING SPARK PLUGS	NGK R7282 - 105 NGK R7282 -11	Use with specific spark plug cap

CARBURATOR BASE SETUP

BASIC SETUP MOTORI SEVEN L10

MAIN JET = 120	ATOMIZER = AQ 269	FUEL NEEDLE = 300
IDLE JET = U36	NEEDLE = D56 (4,5 notch)	THROTTLE VALVE = 50
	STARTER JET = 60	FLOATS = 9g



The base carburetor setup is intentionally generic, as environmental temperature and fuel characteristics are not known.

TRANSMISSION SETUP

BASIC SETUP MOTORI SEVEN L10

VARIATOR	HI-SPEED YAMAHA EVO2	20 GR
DRIVEN PULLEY	PULLEY KIT YAMAHA EVO.3 D.128	BLUE SPRING
CINGHIA	BANDO 509	
CLUTCH	YAMAHA-MINARELLI 3G EVOLUTION	

FASTENER TORQUE VALUE

FASTENER NAME	NOM.SIZE	VALUE (METRIC SYS)	VALUE (IMPERIAL SYS)
SPARK PLUG	Ex. 20.8	20Nm	175 lb-in
HEAD CYLINDER NUTS	M8	20Nm	175 lb-in
CYLINDER NUTS	M8	20Nm	175 lb-in
SCREW TCEI MISCELLANEOUS	M6	12Nm	105 lb-in
IGNITION STATOR FIXING SCREWS	M5	8Nm	70 lb-in
IGNITION ROTOR FIXING NUT	M12x1	20Nm	175 lb-in
CLUTCH SPRING RETAINING NUTS	M6x1	10Nm	90 lb-in
CLUTCH DRUM RETAINING NUT	M16x1	70Nm	620 lb-in

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