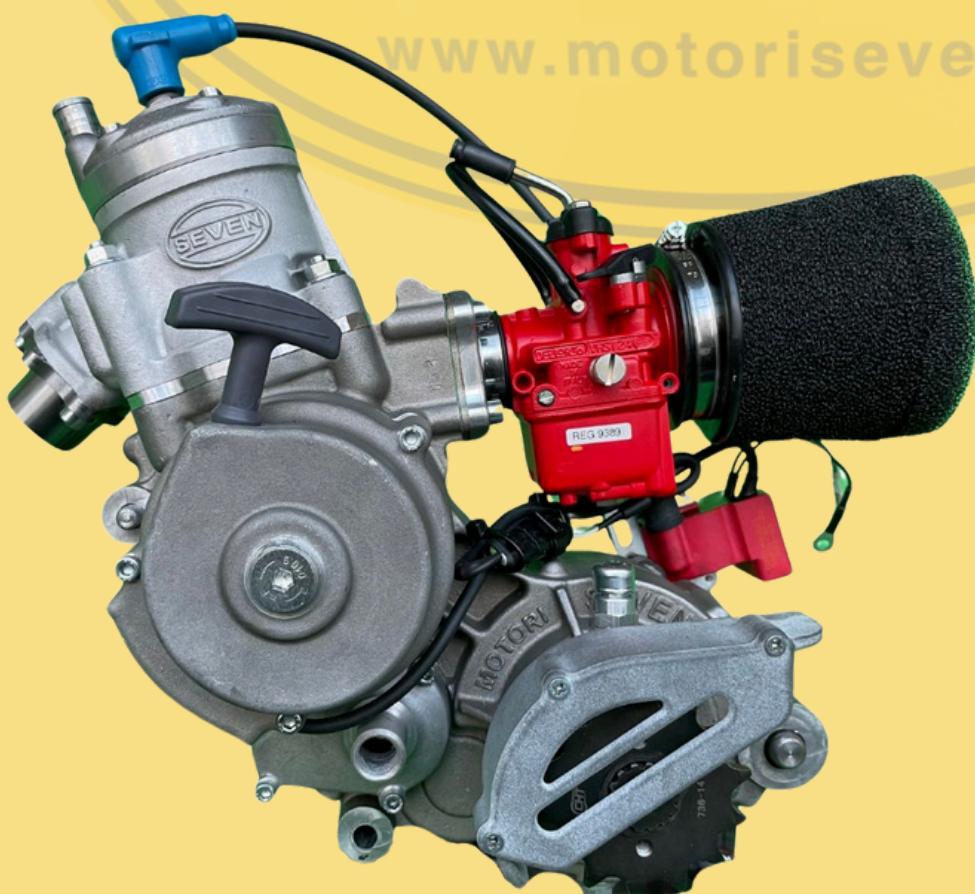




MOTORI
SEVEN
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L10

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
TRANSMISSION	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

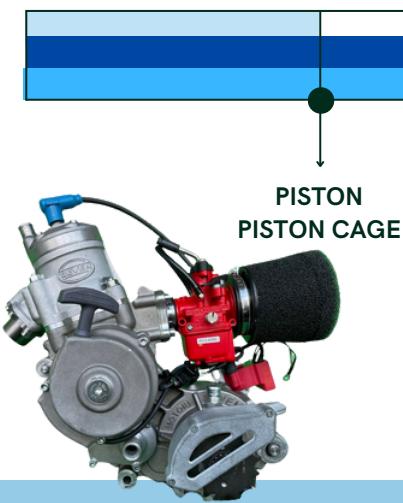


MAINTENANCE TIME L10

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 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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