

swissauto 250

Last update 06-2013

SERVICE INTERVAL SCHEDULE

- EVERY HOUR (Racing) / EVERY 5 HOURS (Hobby) :

Change oil → MOTOREX FS-X 0W-30 or 0W-40 (NEVER USE ANOTHER VISCOSITY !)

- After the first 10 HOURS: Engine check-up

Control valve clearance → adjust if necessary.

Estimated FRT: 2 units

- EVERY 15 HOURS: Parts to be replaced

Retainer set, valve springs (B008)

Valve collets set (B010)

Valve spring set (B007)

Valve spring pressure washer set (B009)

Fixing bolt set, bearing hangers (B017)

Clearance shim (4 x B011)

Bearing balancing shaft (2 x F002)

Estimated FRT: 11 units

- EVERY 45 HOURS: Engine rebuild → Parts to be replaced:

Valve lifter (4 x B012)

Retainer set, valve springs (B008)

Valve collets set (B010)

Valve spring set (B007)

Oil seal set , valve stem (B006)

Valve spring pressure washer set (B009)

Fixing bolt set bearing hangers (B017)

Clearance shim (4 x B011)

Valve, IN (2 x B004)

Valve, EX (2 x B005)

Gasket, chain tensioner (B021)

Piston (D001)

Piston rings (D002)

Gudgion pin (D003)

Clip set, piston (D004)

Gasket, cylinder (C002)

O-ring, cylinder (C003)

Conrod assembly (E002)

Bearing set, crankshaft (E003)

Bearing holder set, crankshaft (G011)

Oil seal, crankshaft (G007)

Oil seal, crankcase cover (H003)

Oil valve assembly (G010)

Oil sieve (G004)

Bearing balancing shaft (2 x F002)

Oil seal assembly, waterpump (I004)

Estimated FRT: 30 units

Parts classified as "wear and tear" (ex. Clutch parts, the spark-plug, rubber between carburetor and cylinder head, air filter, etc.) are not part of the rebuild schedule and shall be replaced when necessary.

All services must be executed by an official SWISSAUTO reseller!

Above listed summary is not limitative; when notice of wear on further parts, also these items must be checked and replaced in case they are out of tolerance!

When the engine is being used for endurance racing, the service intervals times are set to 50% of normal!

Example: Engine rebuild must take place after 22,5 hours instead of 45 hours.

1 FRT unit = 10 minutes → recommended price per unit: € 9,- + VAT