

# 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 !)
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- After the first 10 HOURS: Engine check-up

Control valve clearance → adjust if necessary.
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Estimated FRT: 2 units
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- EVERY 15 HOURS: Parts to be replaced

Retainer set, valve springs (B008)
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Valve collets set (B010)
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Valve spring set (B007)
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Valve spring pressure washer set (B009)
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Fixing bolt set, bearing hangers (B017)
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Clearance shim (4 x B011)
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Bearing balancing shaft (2 x F002)
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Estimated FRT: 11 units
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- EVERY 45 HOURS: Engine rebuild → Parts to be replaced:

Valve lifter (4 x B012)
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Retainer set, valve springs (B008)
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Valve collets set (B010)
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Valve spring set (B007)
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Oil seal set, valve stem (B006)
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Valve spring pressure washer set (B009)
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Fixing bolt set bearing hangers (B017)
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Clearance shim (4 x B011)
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Valve, IN (2 x B004)
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Valve, EX (2 x B005)
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Gasket, chain tensioner (B021)
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Piston (D001)
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Piston rings ( D002)
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Gudgeon pin (D003)
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Clip set, piston (D004)
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Gasket, cylinder (C002)
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O-ring, cylinder (C003)
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Conrod assembly (E002)
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Bearing set, crankshaft (E003)
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Bearing holder set, crankshaft (G011)
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Oil seal, crankshaft (G007)
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Oil seal, crankcase cover (H003)
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Oil valve assembly ( G010)
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Oil sieve (G004)
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Bearing balancing shaft (2 x F002)
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Oil seal assembly, waterpump (I004)
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Estimated FRT: 30 units
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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**