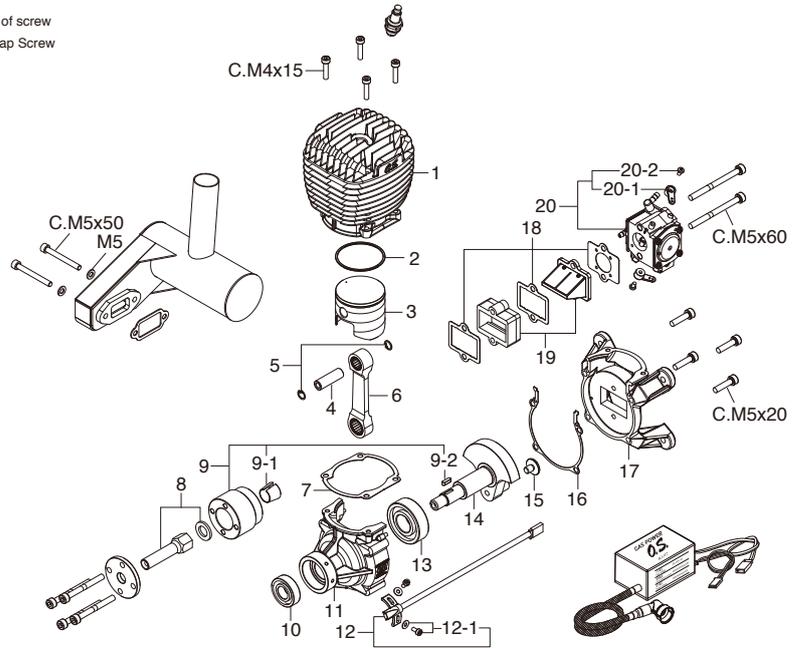


- When the engine is not to be used for a long period (more than a year), remove the engine from the model, clean the outside then remove the carburetor, and plug all tubing. Clean inside the engine by rotating the crankshaft with the engine immersed in container filled with gasoline.
- Also use gasoline to clean the outside of the carburetor. Clean the outside only because the inside parts are sensitive to foreign substances.
- After cleaning the engine, dry it well then inject a small quantity of oil used to mix fuel and rotate the crankshaft several times to distribute the oil well inside the engine. Finally reassemble the engine and store it in a dry place after inserting it in a heavy vinyl bag.

ENGINE EXPLODED VIEW

*Type of screw
C...Cap Screw



O.S. GENUINE PARTS & ACCESSORIES

- SPARK PLUG CM-6 (NGK)** (71669000)
- LOCK WASHER (10sets)** • **SUPER FILTER M5** (55500004) • **(S)** (72403051)
- NON-BUBBLE WEIGHT (S)** (71531010) • **(L)** (72403050)
- BLIND NUT (10pcs.) M5** (79870050)
- FLUORORUBBER TUBE**
ID. 2mm x OD. 4mm Length 500mm (28382100)
ID. 3mm x OD. 5mm Length 500mm (28382200)
- M5 STAND OFF ENGINE MOUNTS (4pcs.)**
 - M5 Stand Off Engine Mount 1/4" (6.4mm) (74003510)
 - M5 Stand Off Engine Mount 1/2" (12.7mm) (74003520)
 - M5 Stand Off Engine Mount 3/4" (19.1mm) (74003530)
 - M5 Stand Off Engine Mount 1" (25.4mm) (74003540)
 - M5 Stand Off Engine Mount 1-1/4" (31.8mm) (74003550)
 - M5 Stand Off Engine Mount 1-1/2" (38.1mm) (74003560)
 - M5 Stand Off Engine Mount 1-3/4" (44.5mm) (74003570)
 - M5 Stand Off Engine Mount 2" (50.8mm) (74003580)

CAP SCREW SETS (10pcs./sets)

| Code No. | Size | Pcs. used in an engine |
|----------|-------|--|
| 79871415 | M4x15 | Cylinder Block Retaining Screw (4pcs.) |
| 79871520 | M5x20 | Rear Housing Retaining Screw (4pcs.) |
| 79871560 | M5x60 | Caburetor & Reed valve Retaining Screw (2pcs.) |

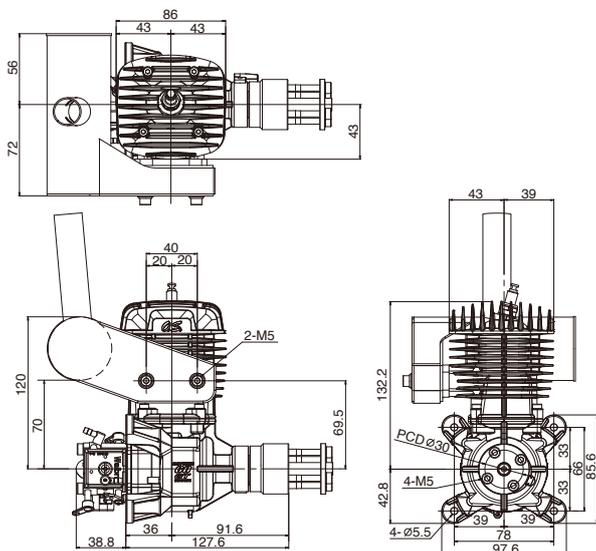
ENGINE PARTS LIST

| No. | Code No. | Description |
|------|----------|---|
| 1 | 28603100 | Cylinder Block |
| 2 | 28603400 | Piston Ring |
| 3 | 28603200 | Piston |
| 4 | 29706000 | Piston Pin |
| 5 | 29717000 | Piston Pin Retainer |
| 6 | 28605001 | Connecting Rod |
| 7 | 28614000 | Cylinder Gasket |
| 8 | 28602100 | Pilot Shaft |
| 9 | 28608000 | Drive Spacer |
| 9-1 | 29708100 | Taper Collet |
| 9-2 | 29708200 | Parallel Key |
| 10 | 29730000 | Ball Bearing (F) |
| 11 | 28601600 | Front Housing |
| 12 | 74002320 | Rotation Sensor |
| 12-1 | 74002321 | Rotation Sensor Retaining Screw Set (2pcs.) |
| 13 | 28631000 | Ball Bearing (R) |

| No. | Code No. | Description |
|------|----------|--|
| 14 | 28602000 | Crankshaft |
| 15 | 28602200 | Crank Pin Stop Screw |
| 16 | 28614100 | Case Gasket |
| 17 | 28601800 | Rear Housing |
| 18 | 28615100 | Carburetor & Reed Valve Gasket Set (1piece each) |
| 19 | 28616000 | Reed Valve Assembly |
| 20 | 28681000 | Carburetor Complete (HAD313) |
| 20-1 | 22081408 | Throttle Valve Lever (No.5) |
| 20-2 | 29781350 | N4-40x5 Screw (1pc.) |
| | 74002310 | Ignition Module (IG-02) |
| | 71669010 | Spark Plug CM-6 (Rcexl) |
| | 28625000 | E-6020 Silencer |
| | 29714300 | Exhaust Gasket |
| | 79871550 | Cap Screw M5x50 (10pcs./set) |
| | 29709000 | Propeller Washer |
| | 79871545 | Cap Screw M5x45 (10pcs./set) |

THREE VIEW DRAWING

Dimensions (mm)



SPECIFICATIONS

| | |
|--------------------|---|
| ■ Displacement | 59.91 cc / 3.656 cu.in. |
| ■ Bore | 44.0 mm / 1.732 in. |
| ■ Stroke | 39.4 mm / 1.551 in. |
| ■ Output | 6.08 ps / 6.00 hp / 8,000 r.p.m. |
| ■ Practical R.P.M. | 1,600-8,000 r.p.m. |
| ■ Weight | 1,400 g / 49.38 oz. (Engine) 178.0 g / 6.28 oz. (Silencer) 105.0 g / 3.70 oz. (Ignition module) |

O.S. ENGINES MFG.CO.,LTD.

6-15 3-Chome Imagawa Higashiumiyoshi-ku
Osaka 546-0003, Japan TEL. (06) 6702-0225
http://www.os-engines.co.jp FAX. (06) 6704-2722

