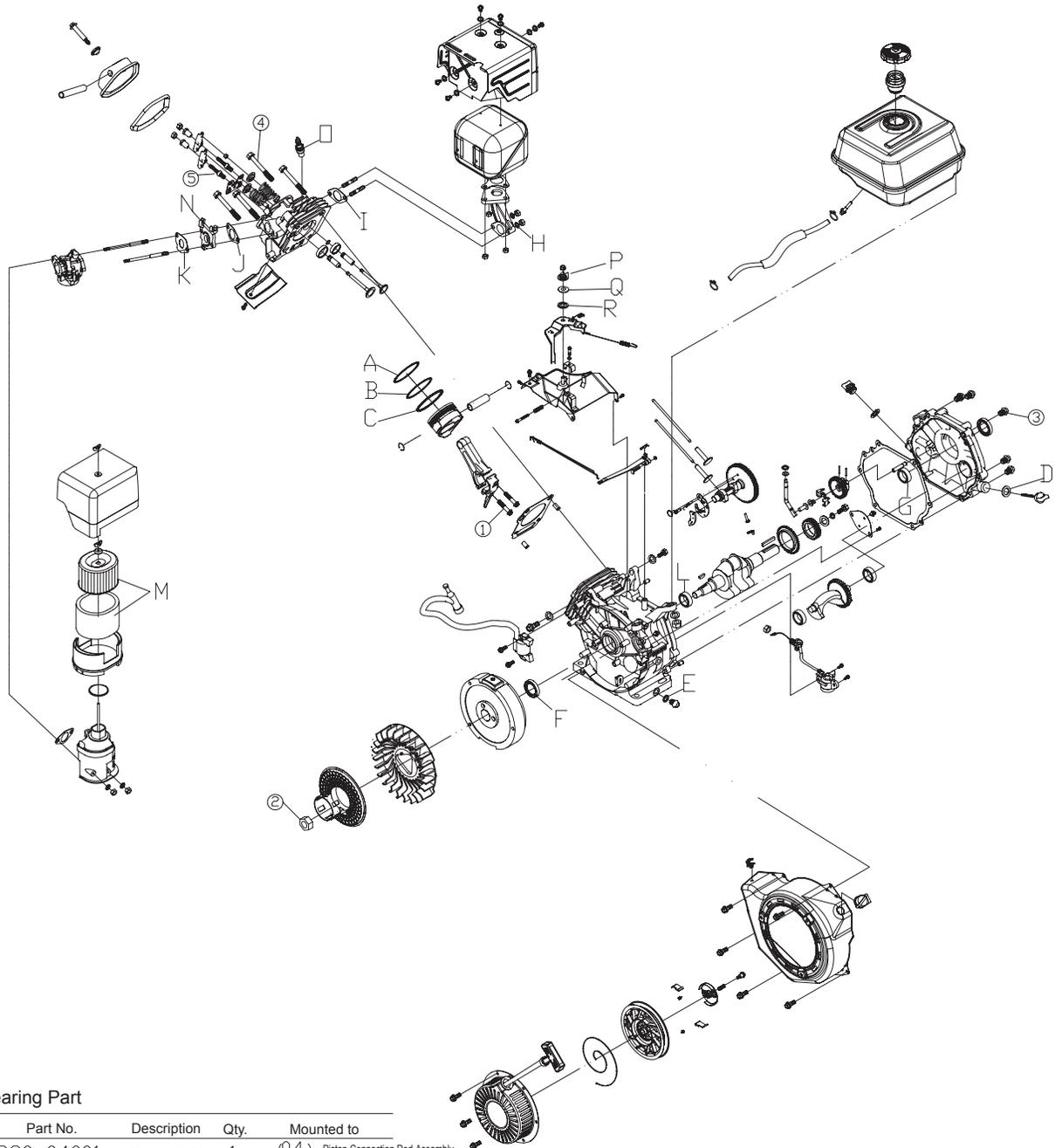


ASSEMBLY AND PART DRAWING

KG390



Easy Wearing Part

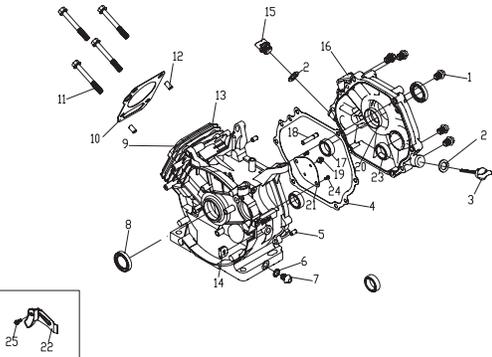
| NO. | Part No. | Description | Qty. | Mounted to |
|-----|---------------|------------------------|------|--|
| A | KG390-04001 | The 1st Air Ring | 1 | (04) Piston Connection Rod Assembly |
| B | KG390-04002 | The 2nd Air Ring | 1 | (04) Piston Connection Rod Assembly |
| C | KG390-04100 | Oil Ring Part | 1 | (04) Piston Connection Rod Assembly |
| D | KG240-01016 | Oil Rule Gasket | 2 | (01) Cylinder Block Assembly |
| E | KM168F-10008 | Oil Drain Screw Gasket | 2 | (01) Cylinder Block Assembly |
| F | KM168F-01021 | Oil Seal | 2 | (01) Cylinder Block Assembly |
| G | GB/T276-1994 | Rolling Bearing | 1 | (01) Cylinder Block Assembly |
| H | GB/T97.1-1985 | Washer | 2 | (02) Cylinder Cover Assembly |
| I | KG240-02015 | Exhaust Pipe Gasket | 1 | (02) Cylinder Cover Assembly |
| J | KG240-02014 | Inlet Pipe Gasket | 1 | (02) Cylinder Cover Assembly |
| K | KG340-02021 | Carburetor Gasket A | 1 | (02) Cylinder Cover Assembly |
| L | GB/T276-1994 | Rolling Bearing | 1 | (05) Crankshaft Flywheel Assembly |
| M | KG340-07100A | Filter Element Part | 1 | (07) Air Filter Assembly |
| N | KG240-07004A | Carburetor Washer | 1 | (07) Air Filter Assembly |
| □ | GB/T825-1987 | Spark Plug | 1 | (14) Ignition System |
| P | KG240-11203 | Tighten Gasket | 1 | (11) Speed Regulating and Controlling System |
| Q | KG160-11202 | Saddle Type Washer | 1 | (11) Speed Regulating and Controlling System |
| R | KG160-11204 | Friction Sheet | 1 | (11) Speed Regulating and Controlling System |

Tighten Torque for Main Bolts and Nuts (Unit: N m)

| Code | Description | Torque |
|------|----------------------|--------|
| ① | Connection Rod Bolt | 20-22 |
| ② | Flywheel Nut | 125±5 |
| ③ | Crankcase Cover Bolt | 20-23 |
| ④ | Cylinder Cover Bolt | 42-46 |
| ⑤ | Rocker Arm Bolt M6 | 20 |

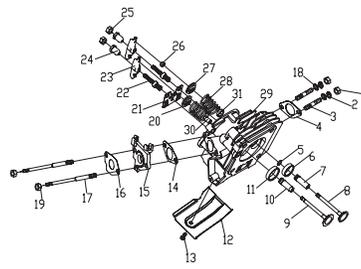
KG390-01000 Cylinder Block Assembly

| No. | Part No. | Description | Qty. |
|-----|---------------|--------------------------------|------|
| 1 | GB/T5789-1986 | Bolt M8X40 | 7 |
| 2 | KG240-01016 | Oil Rule Gasket | 2 |
| 3 | KG340-01015 | Oil Rule | 1 |
| 4 | KG340-01005 | Crankcase Cover Gasket | 1 |
| 5 | KG160-01011 | Location Pin of Cylinder Cover | 2 |
| 6 | KM168F-10008 | Oil Drain Screw Gasket | 2 |
| 7 | KG240-01007 | Oil Drain Screw | 2 |
| 8 | KG340-01017 | Oil Seal | 2 |
| 9 | KG390-01002 | Cylinder Cover | 1 |
| 10 | KG390-01004 | Cylinder Cover Gasket | 1 |
| 11 | KG240-01003 | Cylinder Cover Bolt | 4 |
| 12 | KG240-01012 | Location Pin of Cylinder Cover | 2 |
| 13 | KG390-01001 | Cylinder Block | 1 |
| 14 | KG240-01013 | Electric wiring Sheath | 1 |
| 15 | KG240-01018 | Oil Filler Screw | 1 |
| 16 | KG340-01006 | Crankcase Cover | 1 |
| 17 | GB/T276-1994 | Rolling Bearing 6207 | 1 |
| 18 | KG240-01009 | Speed Regulating Shaft | 1 |
| 19 | KG160-01019 | Wire Clip | 1 |
| 20 | KG340-01019 | Bearing Shell | 1 |
| 21 | KG340-01021 | Motor Seal Plat | 1 |
| 22 | KG340E-01022 | Wire Pressure Plate | 1 |
| 23 | GB/T276-1994 | Rolling Bearing 6202 | 2 |
| 24 | GB/T5789-1986 | Bolt M8X25 | 1 |
| 25 | GB/T5789-1986 | Bolt M8X12 | 1 |



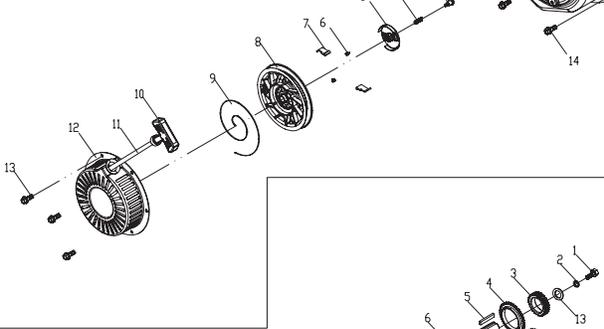
**Cylinder Cover Assembly
KG390-02000**

| No. | Part No. | Description | Qty. |
|-----|----------------|---|------|
| 1 | GB/T6171-2000 | Nut M8 | 2 |
| 2 | GB/T1971-1985 | Washer 8 | 2 |
| 3 | KG240-02017 | Exhaust Pipe Stud | 2 |
| 4 | KG240-02015 | Exhaust Pipe Gasket | 1 |
| 5 | KG240-02104 | Oil Retainer Washer of Exhaust Valve Pipe | 1 |
| 6 | KG340-02103 | Exhaust Valve Seat | 1 |
| 7 | KG240-02105 | Exhaust Valve Pipe | 1 |
| 8 | KG340-02005 | Exhaust Valve | 1 |
| 9 | KG340-02004 | Inlet Valve | 1 |
| 10 | KG240-02106 | Inlet Valve Pipe | 1 |
| 11 | KG340-02102 | Inlet Valve Seat | 1 |
| 12 | KG340-02022 | Wind Guard | 1 |
| 13 | GB/T5789-1986 | Bolt M6X12 | 1 |
| 14 | KG340-02014 | Inlet Pipe Gasket | 1 |
| 15 | KG390-02019 | Carburetor Insulation Block | 1 |
| 16 | KG340-02021 | Carburetor Gasket A | 1 |
| 17 | KG340-02016 | Inlet Pipe Stud | 2 |
| 18 | GB/T193-1987 | Washer 8 | 2 |
| 19 | GB/T61771-2000 | Nut M6 | 2 |
| 20 | KG240-02001 | Spring Seat of Inlet Valve | 1 |
| 21 | KG240-02011 | Guide Plate of Push Rod | 1 |
| 22 | KG160-02007 | Rocker Arm Shaft Bolt | 2 |
| 23 | KG240-02009 | Valve Rocker Arm | 2 |
| 24 | KG160-02008 | Rocker Arm Shaft | 2 |
| 25 | KG160-02016 | Adjusting Nut of Rocker Arm Shaft | 2 |
| 26 | KG240-02003 | Adjusting Gasket of Exhaust Valve | 1 |
| 27 | KG240-02002 | Spring Seat of Exhaust Valve | 1 |
| 28 | KG240-02006 | Valve Spring | 2 |
| 29 | KG340-02101 | Cylinder Cover | 1 |
| 30 | KG240-02012 | Oil Seal of Inlet Valve Pipe | 1 |
| 31 | KG240-02013 | Spring Lower Seat of Exhaust Valve | 1 |



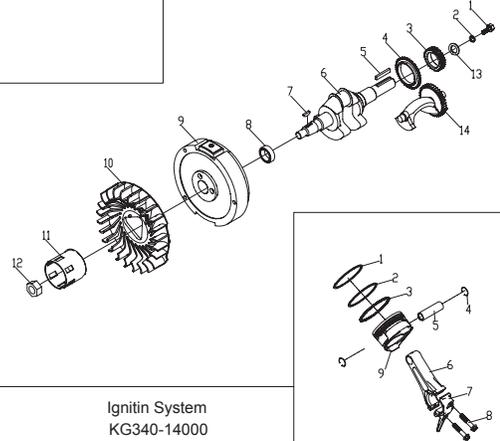
**Recoil Starter and Fan Cover
KG340-12000**

| No. | Part No. | Description | Qty. |
|-----|---------------|-----------------------------|------|
| 1 | KG240-12001 | Oil Supplying Pipe Cap Hood | 1 |
| 2 | KG340-12000 | Fan Cover Weldment | 1 |
| 3 | KG240-12006 | Tighten Bolt | 1 |
| 4 | KG240-12004 | Friction Spring | 1 |
| 5 | KG240-12005 | Pallet Guide Plate | 1 |
| 6 | KG240-12007 | Pallet Spring | 2 |
| 7 | KG240-12008 | Pallet | 1 |
| 8 | KG340-12002 | Starter Reel | 1 |
| 9 | KG240-12003 | Recoil Starter Spring | 1 |
| 10 | KG240-12011 | Starting Handle | 1 |
| 11 | KG340-12009 | Starting Pulling Rope | 1 |
| 12 | KG340-12100 | Starter Outer Shell Part | 1 |
| 13 | GB/T5789-1986 | Bolt M6X8 | 3 |
| 14 | GB/T5789-1986 | Bolt M6X12 | 5 |



**Crankshaft Flywheel Assembly
KG340-05000**

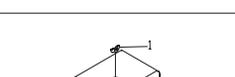
| No. | Part No. | Description | Qty. |
|-----|---------------|-------------------------------|------|
| 1 | KM168F-05007 | Tighten Bolt of Output End | 1 |
| 2 | GB/T193-1987 | Washer 10 | 1 |
| 3 | KG340-05002 | Timing Gear | 1 |
| 4 | KG340-05003 | Driving Gear of Balance Shaft | 1 |
| 5 | GB/T1096-1979 | Key 8X40 | 1 |
| 6 | KG340-05001 | Crankshaft | 1 |
| 7 | KG160-05007 | Key | 1 |
| 8 | GB/T276-1994 | Rolling Bear 6207 | 1 |
| 9 | KG340-05100 | Flywheel Part | 1 |
| 10 | KG340-05006 | Impeller | 1 |
| 11 | KG340-05200 | Starting Pull Wheel Part | 1 |
| 12 | KG240-05004 | Flywheel Nut | 1 |
| 13 | KM178F-05008 | Output End Washer | 1 |
| 14 | KG340-05005 | Balance Shaft | 1 |



| No. | Part No. | Description | Qty. |
|-----|---------------|-------------------------|------|
| 1 | KG340E-15000 | Starting Motor Assembly | 1 |
| 2 | GB/T5789-1986 | Bolt M8X35 | 2 |

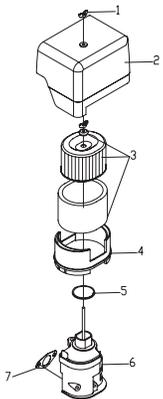


| No. | Part No. | Description | Qty. |
|-----|---------------|---|------|
| 1 | KG340-16100 | Charging Motor Starter Winding Assembly | 1 |
| 2 | GB/T5789-1986 | Bolt M6X35 | 4 |



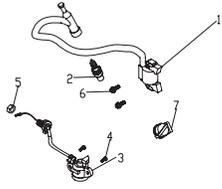
KG340-07000a Air Filter Assembly

| No. | Part No. | Description | Qty. |
|-----|--------------|---------------------|------|
| 1 | GB/T62-1988 | Butterfly Nut M6 | 2 |
| 2 | KG340-07001a | Upper Cover Shell | 1 |
| 3 | KG340-07100a | Filter Element Part | 1 |
| 4 | KG340-07002a | Lower Cover Shell | 1 |
| 5 | KG240-07003a | Seal Gasket | 1 |
| 6 | KG340-07200a | Bottom Seat Part | 1 |
| 7 | KG240-07004a | Carburetor Washer | 1 |



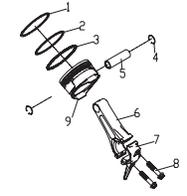
**Ignition System
KG340-14000**

| No. | Part No. | Description | Qty. |
|-----|----------------|------------------|------|
| 1 | KG340-14100 | Ignition Coil | 1 |
| 2 | GC/T430-1999 | Spark Plug F6T | 1 |
| 3 | KG240-14300 | Oil Level Switch | 1 |
| 4 | GB/T5789-1986 | Bolt M6X16 | 2 |
| 5 | GB/T61771-2000 | Nut M10 | 1 |
| 6 | GB/T5789-1986 | Bolt M6X25 | 2 |
| 7 | KG160-14200 | Engine Switch | 1 |



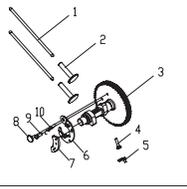
**Piston Connection Rod Assembly
KG390-04000**

| No. | Part No. | Description | Qty. |
|-----|-------------|----------------------|------|
| 1 | KG390-04001 | The 1st Air Ring | 1 |
| 2 | KG390-04002 | The 2nd Air Ring | 1 |
| 3 | KG390-04100 | Oil Ring Part | 1 |
| 4 | KG340-04005 | Retainer Ring | 2 |
| 5 | KG340-04004 | Piston Pin | 1 |
| 6 | KG340-04201 | Connection Rod | 1 |
| 7 | KG340-04202 | Connection Rod Cover | 1 |
| 8 | KG240-04203 | Connection Rod Bolt | 2 |
| 9 | KG390-04003 | Piston | 1 |



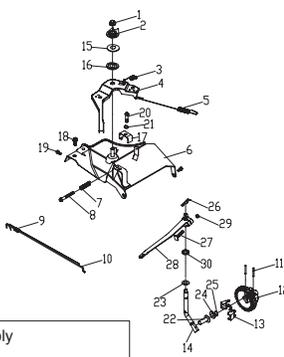
**Camshaft Assembly
KG390-06000**

| No. | Part No. | Description | Qty. |
|-----|-------------|---------------------------------|------|
| 1 | KG340-06002 | Valve Push Rod | 2 |
| 2 | KG240-06001 | Valve Tappet | 2 |
| 3 | KG390-06108 | Camshaft | 1 |
| 4 | KG240-06106 | Fork Pin | 1 |
| 5 | KG240-06107 | Fork | 1 |
| 6 | KG240-06101 | Rocker Arm | 1 |
| 7 | KG240-06105 | Centrifugated Block of Reductor | 1 |
| 8 | KG240-06104 | Rocker Arm Pin | 1 |
| 9 | KG240-06102 | Relief Spring Pin | 1 |
| 10 | KG160-06103 | Pulling Spring | 1 |



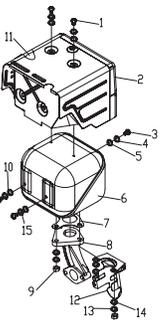
**Speed Adjusting and Controlling System
KG340-11000**

| No. | Part No. | Description | Qty. |
|-----|----------------|-----------------------------|------|
| 1 | GB/T61771-2000 | Nut M6 | 1 |
| 2 | KG240-11203 | Tighten Gasket | 1 |
| 3 | KG240-11206 | Speed Adjusting Spring (I) | 1 |
| 4 | KG340-11201 | Speed Adjusting Handle | 1 |
| 5 | KG340-11003 | Speed Adjusting Spring | 1 |
| 6 | KG340-11210 | Supporting Plate Weldment | 1 |
| 7 | KG160-11205 | Adjusting Spring | 1 |
| 8 | GB/T818-2000 | Screw M5X30 | 1 |
| 9 | KG240-11001 | Idle Adjusting Spring | 1 |
| 10 | KG340-11002 | Speed Adjusting Pull Rod | 1 |
| 11 | KG240-11103 | Fly Ball Pin | 2 |
| 12 | KG340-11101 | Small Gear of Speed Limiter | 1 |
| 13 | KG340-11102 | Fly Ball | 2 |
| 14 | KG340-11005 | Speed Limitation Push Rod | 1 |
| 15 | KG160-11202 | Saddle Type Washer | 1 |
| 16 | KG160-11204 | Friction Sheet | 1 |
| 17 | KG160-11208 | Pushing Wire Cover | 1 |
| 18 | GB/T5783-2000 | Bolt M6X20 | 1 |
| 19 | GB/T5789-2000 | Bolt M6X12 | 2 |
| 20 | GB/T818-2000 | Screw M5X15 | 1 |
| 21 | GB/T1971-1983 | Washer 6 | 1 |
| 22 | KG240-11004 | Sliding Bush | 1 |
| 23 | KG160-11006 | Gasket | 1 |
| 24 | KG240-11008 | Push Rod Gasket | 1 |
| 25 | KG160-11009 | Retainer Ring | 1 |
| 26 | KG240-11012 | Clip Spring | 1 |
| 27 | KG160-11007 | Square Head Bolt | 1 |
| 28 | KG340-11011 | Speed Adjusting Arm | 1 |
| 29 | GB/T6187-2000 | Nut M6 | 1 |
| 30 | KM168F-11008 | Oil Seal 8X14X2.6 | 1 |



**Muffler Assembly
KG340-08000**

| No. | Part No. | Description | Qty. |
|-----|---------------|---|------|
| 1 | GB/T818-1985 | Cross Plug Head Screw M5X4 | 4 |
| 2 | KG270-08200 | Cover Shell Weldment | 1 |
| 3 | GB/T818-1985 | Cross Plug Head Screw M5X4 | 1 |
| 4 | GB/T1971-1985 | Washer 6 | 1 |
| 5 | GB/T193-1987 | Washer 6 | 1 |
| 6 | KG270-08100 | Muffler Weldment | 1 |
| 7 | KG240-08002 | Muffler Gasket | 1 |
| 8 | KG240-08001 | Exhaust Pipe | 1 |
| 9 | GB/T6170-1986 | Nut M8 | 3 |
| 10 | GB/T1971-1985 | Washer 5 | 4 |
| 11 | KG270-08300 | Spark Arrester | 1 |
| 12 | KG240-08500 | Exhaust Pipe Protection Cover Riveting Part | 1 |
| 13 | GB/T1971-1985 | Washer 8 | 3 |
| 14 | GB/T93-1987 | Washer 8 | 3 |
| 15 | GB/T93-1987 | Washer 5 | 4 |



**Cylinder Cover Assembly
KG240-03000**

| No. | Part No. | Description | Qty. |
|-----|-------------|------------------------------------|------|
| 1 | KG240-03003 | Cylinder Cover Tighten Bolt | 1 |
| 2 | KG240-03004 | Cylinder Cover Tighten Bolt Washer | 1 |
| 3 | KG240-03100 | Cylinder Cover Part | 1 |
| 4 | KG240-03001 | Cylinder Cover Seal Ring | 1 |
| 5 | KG240-03002 | Ventilating Pipe | 1 |

