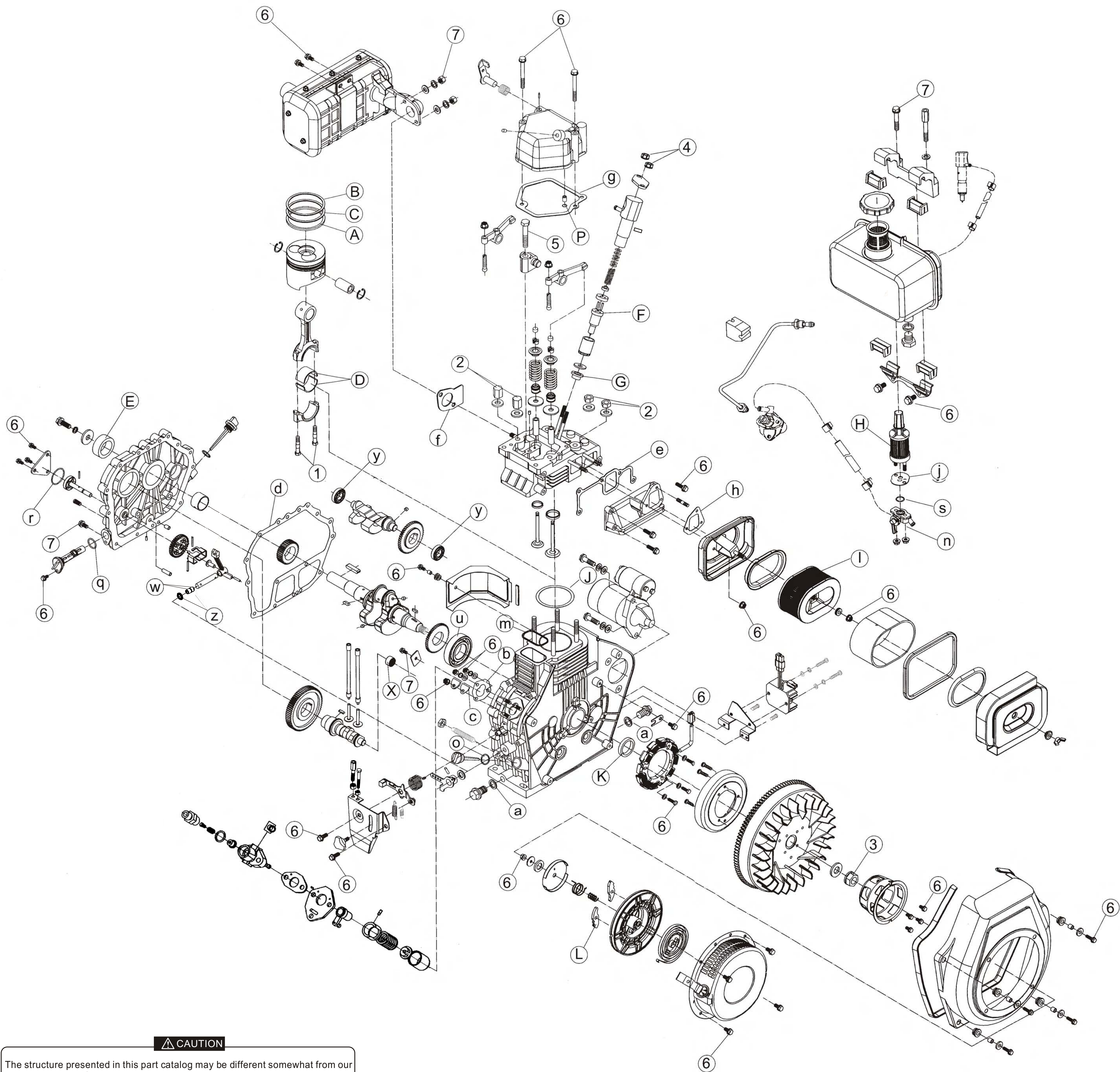


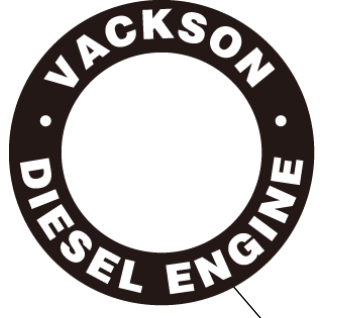
PARTS CATALOG

KM170/178/186/188/192/195



CAUTION

The structure presented in this part catalog may be different somewhat from our improved types in future.
Then you'd better refer parts catalog to the operation manual when using.



HOW TO START

CAUTION

1. Check the oil level before starting the engine. If the oil level is low, add oil to the correct level.

2. Check the water level in the cooling system. If the water level is low, add water to the correct level.

3. Check the air filter. If the air filter is dirty, clean it or replace it.

4. Check the fuel system. If the fuel system is not working properly, check the fuel lines and the fuel pump.

5. Check the battery. If the battery is not fully charged, charge it before starting the engine.

6. Check the starter motor. If the starter motor is not working properly, check the starter motor and the battery.

7. Check the engine oil. If the engine oil is low, add oil to the correct level.

READ MANUAL CAREFULLY BEFORE OPERATION

WARNING

Use only diesel fuel. Do not use kerosene or gasoline. Do not use oil of other grades. Do not use oil of other brands. Do not use oil of other types. Do not use oil of other colors. Do not use oil of other smells. Do not use oil of other tastes. Do not use oil of other textures. Do not use oil of other colors. Do not use oil of other smells. Do not use oil of other tastes. Do not use oil of other textures.

WARNING

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TAGS

Ref No.	Part No.	Description	Qty.
1	KM168F-18003	Trademark Tag I	1
2	KM168F-18004	Starting Operation Tag	1
3	KM168F-18005	Caution Tag	1
4	KM168F-18007	Model Tag II	1
5	KM168F-18009	Warning Tag	1
6	KM168F-18012	Air Cleaner Tag	1
7	KM168F-18013	Air Cleaner Tag	1

EASY DESTROYED PARTS

Ref No.	Part No.	Description	Qty.	Mounted to
A	KM186F-04100	Oil Ring Unit	1	(4)Piston & Connecting Rod Assem.
B	KM186F-04001	First Air Ring	1	(4)Piston & Connecting Rod Assem.
C	KM186F-04002	Second Air Ring	1	(4)Piston & Connecting Rod Assem.
D	KM186F-04005	Connecting Rod Bushing	2	(4)Piston & Connecting Rod Assem.
E	GB/T9877.1-1988	Oil Seal Sg30 × 50 × 8	1	(1)Cylinder Block Assem.
F	KM186F-13100	Nozzle	1	(8)Fuel Injection Valve Assem.
G	KM186F-02011	Heat Insulator	1	(2)Cylinder Head Assem.
H	KM186F-10300	Element Unit	1	(11)Fuel System
I	KM186F-07100	Air Cleaning Element Unit	1	(7)Air Intake System
J	KM186F-01013	Cylinder Head Gasket	1	(1)CylinderBlock Assem.
K	GB/T9877.1-1988	Oil Seal Sg30 × 50 × 8	1	(1)CylinderBlock Assem.
L	KM186F-14008	Starter Ratchet	2	(14)Manual Starting Assem.

O-RINGS

Ref No.	Part No.	Description	Qty.
m	KM186F-01008	Sheet Gasket	1
n	GB/T1235-1976	O-Ring 11 × 1.9	1
o	GB/T1235-1976	O-Ring 22.5 × 2.4	2
p	GB/T1235-1976	O-Ring 12 × 1.9	1
q	GB/T1235-1976	O-Ring 25 × 2.4	1
r	GB/T3452.1-1992	O-Ring 34 × 1.8	1
s	GB/T3452.1-1992	O-Ring 13.2 × 1.8	1

FASTENING TORQUE OF MAIN BOLT&NUT Unit: N.m

Ref No.	Description	Torque
①	Connecting Rod Nut	38~42
②	Cylinder Head Nut	54~58
③	Flywheel Nut	130~150
④	Nozzle Retainer Nut	10~12
⑤	Set Bolt of Rocker Arm Seat	43~47
⑥	Standard Bolt / Nut M6	10~12
⑦	Standard Bolt / Nut M8	18~20

BEARING

Ref No.	Part No.	Description	Qty.
U	GB/T276-1994	Ball Bearing 6308/P5	1
w	GB/T290-1989	Needle Bearing 7941/8	2
x	GB/T290-1989	Needle Bearing HK1512	1
y	GB/T276-1994	Ball Bearing 6203/P5	2

OIL SEAL

Ref No.	Part No.	Description	Qty.
z	KM168F-11008	Lever Shaft Oil Seal	1

WASHER KIT

Ref No.	Part Number	Description	Qty.
a	KM168F-01100	Washer Unit of Drain Plug	2
b	KM168F-10014	Fuel Injection Pump Washer	2~3
c	KM168F-10016	Joint Washer	1
d	KM168F-01015	Crankcase Cover Washer	1
e	KM186F-02014	Intake Pipe Washer	1
f	KM186F-02015	Exhaust Pipe Washer	1
g	KM186F-03003	Cylinder Head Cover Washer	1
h	KM186F-07001	Air Cleaner Washer	1
j	KM168F-10007	Fuel Filter Washer	1

