

ENJOMOR V12 Engine Model (including 12pcs spark plugs)

Here are all the parts to the V12 engine I've been working on so far.

Part names in order:

1. Assembly Valve
2. camshaft
3. connecting rod assembly
4. connecting rod bearing
5. connecting rod
6. crankshaft
7. cylinder block
8. Cylinder Head
9. Rod cap
10. Seat ring
11. Sleeve Valve
12. tappet
13. piston
14. valve
15. Nut
16. Valve Cover
17. Intake Manifold

18. Exhaust Manifold
19. bolt
20. Valve Springs
21. Flywheel
22. Starter Motor
23. Alternator
24. Water Pump
25. Radiator
26. Thermostat
27. Oil Pan
28. Oil Pump
29. Oil Filter
30. Timing Belt or Chain
31. Fuel Injectors
32. Fuel Rail
33. Sensors

Features:

1. This V12 engine uses a double overhead camshaft valvetrain with a total of 48 valves, an exposed timing belt, and even the scale and appearance of the engine. Every effort has been made to maintain a high level of performance and be able to provide extraordinary power.
2. Independent lubrication system, the oil sump oil pump pumps oil to the top of the engine for lubrication, and a transparent visible oil well cover is added. There is no need to disassemble the remaining oil to see the remaining amount, and the oil can be recycled and reused.
3. The side water-cooling pump provides effective heat dissipation, which can extend the engine working time and service life.
4. Hall-type CDI pulse dual-distribution ignition design, and equipped with a 3548 brushless starter motor, which can be started with one button and is more convenient to operate.
5. The entire machine casing is precision-manufactured by all-aluminum CNC, with a highly realistic shape and integrated exhaust manifold to restore the real engine sound.
6. Three piston rings (air ring, cone ring, oil ring) design and 32 process oil rings ensure in-cylinder compression and more efficient combustion efficiency.
7. High-hardness piston cylinder liner, cast integrated crankshaft, and the crankshaft is supported by full bearings (three large bearings in the middle and small bearings at both ends), which has high strength and good durability.
8. This engine is widely used. It can be used to modify large-scale model cars, ships, and tanks. It is also suitable as a desktop DIY working engine.
9. This is an amazing piece of mechanical craftsmanship. The reliability and good working performance of this engine make it very popular among high-end collector engine users. It will gain praise from more model engine enthusiasts.
10. Note: The engine needs to prepare the following additional ignition and water cooling kits: cdi igniter*2, power supply voltage 10-12V*2; 80A ESC*1, power supply voltage 24V (6S battery), fuel tank*1, fuel pipe*1 , radiator fan*1, water cooling pipe*1.

Specifications:

Material: Metal

Color: As Pictures Shown

Brand: ENJOMOR

Model: GS-V12

Form: Preassembled Edition

Dimensions: 23.5*14*23cm

Weight: 8KG

Engine Type: Gasoline Internal Combustion Engine

Valve Mechanism Type: DOHC

Displacement: 72cc

Cylinder: V-shaped Twelve Cylinders

Stroke: Four-Stroke

Bore Diameter: 20mm

Stroke: 18mm

Valve: 48 Valves (4*12)

Output Shaft Diameter: 10mm

Maximum Speed: 10000rpm

Maximum Power: 3.8 kw

Cooling Method: Water Cooling

Lubrication Method: independent lubrication (oil pump lubrication);

Starting Method: electric start (including brushless starter motor);

Ignition Mode: cdi igniter and distributor control ignition;

Spark Plug Type: 3/16-40 inch thread spark plug;(33ED3439081)

Ignition Voltage: 10-12V

Starting Power supply: 24 batteries (not included);

Fuel: 95# and above gasoline

Engine Oil Model: 0-15w

Oil Volume: 70-80mL