Kohler PA-CH620-3129 Replaces CH620-3050 Command Pro Horizontal 18hp Engine Moridge GRASSHOPPER ZTR GTIN N/A



Model Number: PA-CH620-3129

Kohler PA-CH620-3129 Replaces CH620-3050 Command Pro Horizontal 18hp Engine Moridge GRASSHOPPER ZTR GTIN N/A

Manufacturer: Kohler

Print Owners Manual:
Service Manual
Warranty Information
Overview
Kohler 18 HP Command V-Twin Horizontal Engine. This gasoline-driven, 4-cycle, 18 HP engine has reliable features including: OHV, cast iron V-Twin cylinder liners, and aluminum block construction.
Kohler Command V-Twin OHV Horizontal Engine with Electric Start — 18 HP, PA-CH620-3050 Moridge /GRASSHOPPER - ZTR (remote engine controls)
Replaced by engine CH620-3129
PA-CH620-3050
CH620 MORIDGE/GRASSHOPPER - ZTR
18 HP Kohler Command Twin OHV
Crankshaft: (24014381-S) 1"(25.4) x 3"(76)
Drilled & Tapped 3/8-24 UNF
.25"(6.36 mm) key way
Front Drive Adapter: (2402909-S)
12 Volt Electric Start: (2509811-S) Solenoid Shift Style
Alternator: (237878-S) 15/20 Amp
Regulator: (4140310-S)
Fuel Pump: (2439316-S) Vacuum Style
Cylinder Type: Cast Iron Sleeves
Muffler: (2478623-S) Canister, Starter side exit 45 degree
Oil Sensor: (2509927-S)
Oil Filter: (1205001-S)
Throttle Controls: (24126176-S) Remote
Air Filter: (4708303-S) Standard
Engine Features:
Engine Applications: Also Use: PA-62642
Sales Notes: MORIDGE - Zero Turn
Grasshopper 618
*May require conversion kit if replacing a 54515 series engine. (Listed Below)
Grasshopper part number: 606321
Durable, Long Life Design.
Hydraulic valve lifters are oil pressurized, ensuring that push rods stay in constant contact with the rocker arms. Requiring no adjustment, the valve train is virtually

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maintenance-free. In addition, full-pressure lubrication delivers continuous lube to critical engine components, even at 25-degree angle of operation and optional oil cooler regulates the oil temperature extending oil-change intervals. Large capacity, in-line fuel filter provides extra protection against dirt particles that can clog fuel lines.

High Power Performance.
Overhead valve technology provides greater volumetric efficiency and a higher compression ratio. This produces more power, improved fuel economy and cooling and reduces oil consumption. In addition, there is virtually no carbon buildup, reducing overall maintenance costs. The variable speed, mechanical governor promises smooth performance, regardless of application or fluctuating demands for power.

Reliable Starting.
Kohler Command PRO® electronic ignition system generates a stronger spark at low cranking speed and Automatic Compression Release (ACR) allows compression to escape during cranking to reduce pull force.

User-Friendly Maintenance.

High Power Performance.

Reliability and Long Life Design.

Quiet, Smooth Operation.

Easy Dependable Starts.

Steambrite Supply

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Engine Type:
4-cycle, gasoline, OHV, cast iron cylinder liners, aluminum block

Model

Command PRO CH620

Max Power @3600 RPM hp (kW) 1
19 (14.2)

Displacement cu in (cc)
41.1 (674)

Bore in (mm)
3.1 (80)

Stroke in (mm)
2.6 (67)

Max Torque lbs. ft (Nm)1
35 (47.5)

Compression Ratio
8.5:1

Dry Weight lbs (kg)
90 (41)

Oil Capacity U.S. quarts (L)
2 (1.9)

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Lubrication
Full pressure w/full-flow filter

Dimensions L x W x H in
14 x 17.7 x 19.0

Backpressure Limit 2
50

* Length is grass screen to PTO mounting face. Width is spark plug to spark plug. Height is top of air cleaner to mounting feet.
1 Max Power (hp) and Max Torque (lbs ft) specifications for Kohler general purpose engines are rated pursuant to Society of Automotive Engineers (SAE) J1940 based on gross output testing performed according to SAE J1995 without the air cleaner and muffler. Actual engine power and torque are lower and affected by accessories (air cleaner, exhaust, charging, cooling, fuel pump, etc.), application, engine speed, ambient operating conditions (temperature, humidity and altitude) and other factors. This J1940 / J1995 rating provides consistent measurement to customers who may want to control the intake and exhaust features of the engine. For more information, contact Kohler Co. Engine Engineering Department. Kohler Co. reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.

2 Inches of H20 @ 3600 RPM WOT

What's Included

- (1) Engine
-

Key Specs

Engine Displacement (cc)

620

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Start Type

Electric

Engine Type

Command Pro V-Twin - CH18 - OHV

Rated Power (HP)

18

Torque (ft./lbs.)

32.8

Displacement (cu. in.)

38.1

Shaft Output

Horizontal

Shaft Diameter (in.)

1

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Shaft Length (in.)

3

Shaft End Tapped (Diameter (in.)/Threads per inch)

7/16 - 20

Shaft Rotation (From PTO Shaft Side)

Counterclockwise

Cylinders (qty.)

2

Cylinder Bore

Cast iron

Bore x Stroke (in.)

3.03 x 2.64

Compression Ratio

8.5:1

Cooling System

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Air cooled

Air Cleaner Type

Dual element air filter with foam pre-cleaner

Fuel Type

Gasoline

Fuel Pump

Mechanical

Fuel Filter

In line

Oil Capacity (qt.)

2

Lubrication System

Full pressure

Ignition System

Electronic

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Governor System

Manual

Carburetor

Smart Choke

Max. RPM

3,600

Muffler Included

Yes

Bolt Circle (in.)

5 5/8, 7 3/4

Mounting Base L x W (in.)

7 1/4 x 3 1/2

Dimensions L x W x H (in.)

14 x 17 11/16 x 19

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EPA/CARB Approval (California Air Resource Board)

Yes

Manufacturer Warranty

24 months parts / 24 months labor

Ship Weight

125.0 lbs

Item#

PA-CH620-3050 Grasshopper Moridge ZTR

Manufacturer Warranty: 24 months parts / 24 months labor
Note exact specifications and prices subject to change without notice.

Optional

NorthStar 157592 Diesel Hot Water Skid Pressure Washer 4gpm 4000psi

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Parts & Accessories > Engines > Kohler Command Pro 19hp PA-CH620 > Kohler PA-CH620-3129 Replaces CH620-3050 Command Pro Horizontal 18hp Engine Moridge GRASSHOPPER ZTR GTIN N/A

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Options available for Kohler PA-CH620-3129 Replaces CH620-3050 Command Pro Horizontal 18hp Engine Moridge GRASSHOPPER ZTR GTIN N/A :

Extended Warranty

+ No Extended Warranty, 2 Additional Years Parts and On Site Labor (Items under $1500.00) [SBMW2-1500], 4 Additional Years Parts and On Site Labor (Items under $1500.00) [SBMW4-1500].

Shipping Surcharges

None Commercial Address Forklift / Loading Dock On Site No Appointment Provided, +Home Delivery Needs Liftgate Curb Service Because No Forklift On Site With Appointment Delivery Time, Commercial Address But Needs Liftgate Service Because No Forklift or Dock on Site No Appointment Provided, Home Delivery Needs Liftgate Curb Service Because No Forklift On Site (Required) No Appointment Provided.

Availability: This product was added to our catalog on Tuesday 31 December, 2013

Steambrite Supply