Parts & Accessories > Engines > Kohler Command PRO EFI Series (ECH/ECV) > Kohler PA-ECH980-3002 Comand Pro 35Hp Horizontal Engine Chrakshaft 1.437 X 4.46 No factory installed key switch GTIN N/A

Kohler PA-ECH980-3002 Comand Pro 35Hp Horizontal Engine Chrakshaft 1.437 X 4.46 No factory installed key switch GTIN N/A



Model Number: PA-ECH980-3002

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Manufacturer: Kohler

Kohler PA-ECH980-3002 Command PRO EFI 35 HP Horizontal Engine
Kohler PA-ECH980-3002 is a Command PRO EFI horizontal shaft gasoline engine used in commercial and industrial equipment applications where a heavy-duty V-Twin replacement engine is required. This engine is supplied with a 1.437 inch x 4.46 inch crankshaft and does not include a factory-installed key switch or control panel.
Important Control Panel Compatibility Correction
Please note: Kohler part number 62 376 02-S should not be recommended as the control panel kit for this PA-ECH980-3002 engine unless Kohler directly confirms fitment for your exact specification number.
Kohler factory accessory literature separates the CH and ECH engine families:

Kohler Part Number
Description
Factory Listed Engine Fitment

62 376 02-S
Engine-mounted control panel kit
CH940, CH980, CH1000

62 378 01-S
Panel assembly / key switch kit
ECH940, ECH980

Because this listing is for a PA-ECH980-3002, the more appropriate control panel reference is typically 62 378 01-S, not 62 376 02-S. Always verify by full Kohler model, spec number, crankshaft, wiring harness, and equipment application before ordering controls or installation accessories.
Product Details

- Brand: Kohler

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- Model: PA-ECH980-3002
- Engine Family: Command PRO EFI, ECH Series
- Horsepower: 35 HP class
- Engine Type: 4-cycle gasoline, OHV, horizontal shaft, V-Twin
- Crankshaft: 1.437 inch diameter x 4.46 inch length
- Controls: No factory-installed key switch or control panel
- Wire Harness: 62 176 44
- GTIN: Not available / N/A

Common Applications
This Kohler ECH980 engine may be used as a replacement power plant for select commercial equipment, industrial cleaning machines, pressure washers, truckmount-style equipment, generators, and other OEM equipment that originally used a compatible Kohler ECH980 engine specification.
Important: Engine replacement is not based on horsepower alone. Confirm the crankshaft size, shaft length, mounting pattern, exhaust location, fuel system, electrical harness, charging system, throttle/control setup, and muffler requirements before purchase.
Features

- Command PRO EFI commercial-grade engine design
- Electronic fuel injection for improved fuel control
- Heavy-duty air cleaner configuration
- Full-pressure lubrication with oil filter
- Cast iron cylinder liners
- Overhead valve design
- Integrated oil cooler
- Commercial-duty crankshaft and bearings
- EPA and CARB emissions certified where applicable

Before Ordering
To avoid ordering the wrong engine or control kit, please compare your existing engine tag and equipment requirements against this listing. The most important items to verify are:

- Exact Kohler model and specification number
- Crankshaft diameter and length
- Horizontal vs. vertical shaft configuration
- EFI wiring harness compatibility
- Control panel or remote key switch requirements
- Muffler and exhaust discharge location
- Throttle, choke, and governor control arrangement
- Charging system output

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Control Kit Warning
Do not assume CH980 and ECH980 accessories interchange. CH-series and ECH-series engines can look similar and may share some general engine characteristics, but Kohler lists different engine-mounted control panel kits for these engine families. For this ECH980 listing, verify whether 62 378 01-S is the correct control panel assembly for your installation.
Freight Shipping Notice
This engine ships by truck freight. Freight surcharges are not free and depend on your receiving location. Orders may be placed on hold if the correct delivery option is not selected.

- Commercial address with forklift or loading dock is preferred.
- Liftgate service is required if no forklift or dock is available.
- Residential, limited access, and appointment deliveries may require additional fees.
- Please inspect freight before signing the delivery receipt.

SEO Search Terms
Kohler PA-ECH980-3002, Kohler ECH980 engine, Command PRO EFI 35 HP engine, Kohler horizontal shaft engine, Kohler 1.437 crankshaft engine, Kohler ECH980 replacement engine, Kohler 62 176 44 wire harness, Kohler 62 378 01-S control panel, Kohler EFI V-Twin engine.
Overview

Kohler 35.0 hp Engine PA-ECH980-3002 Command Pro Basic Heavy Duty Air Cleaner
Crank 62 014 113 Diameter 1.437" X 4.46"
No factory installed key switch or controls
Wire harness # 62 176 44

HP

Shaft

Cylinders

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Cooling	Air
Fuel Type	Gasoline

Horizontal
V-Twin

Freight shipping surcharges are not free so please add to shopping cart. If you check out with the wrong receiving environment, your order will be placed on hold.

Features

- High-performance spark plugs
- 25 amp charging, regulator
- Larger in-line fuel filter
- Overhead valve (OHV) design
- Air cleaner
- Integrated oil cooler
- Heavy-duty bearings
- Hardened crank shaft journals
- High-efficiency fan and screen
- Cast iron cylinder liners
- Full pressure lubrication
- Spin on, full-flow oil filter
- Two-barrel carburetor
- Electronic ignition system
- Solenoid shift starter
- Mechanical fuel pump
- Nylon Cam Gear
- Hydraulic valve lifters
- Modulated cooling fan
- Engineered material blower housing
- CARB & EPA emission-certified

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- Top mounted quick change oil filter
- Extended maintenance intervals
- Yellow oil fill cap & dipstick handle
- Large dual oil drains for faster oil changes
- Easy access oil fill/dipstick

Specs

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

Model

Command PRO CH940

J1940 Power hp(kW)
32.5 (24.2)

Displacement cu in (cc)
61 (999)

Bore in (mm)
3.5 (90)

Stroke in (mm)
3.1 (78.5)

Peak Torque lbs. ft (Nm)

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53.5 (72.5)

Compression Ratio
8.8:1

Dry Weight lbs (kg)
132 (59)

Oil Capacity U.S. quarts (L)
2.1 (2)

Lubrication
Full pressure w/full-flow filter

Dimensions L x W x H in
15.3 x 19.0 x 27.5

Backpressure Limit
40

J1995 Power hp (kW)
31.84 (23.74)

J1995 Rated Speed (RPM)
3600

Parts to consider with this purchase:

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Kohler 62 164 11-S Exhaust Manifold Starter Side Discharge for CH940 Through CH1000 6216411-S

Kohler 62 164 10-S Exhaust Manifold Non-Starter Side Discharge for CH940 Through CH1000 6216410-S

Kohler 62 068 10-S Muffler kit for CH940 through CH1000 Series 6206810-S

Kohler 62 378 01-S OH Engine Controls for CH940 through CH1000

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engines Control panel

Options available for Kohler PA-ECH980-3002 Comand Pro 35Hp Horizontal Engine Chrakshaft 1.437 X 4.46 No factory installed key switch GTIN N/A :

Shipping Surcharges

Commercial Address But Needs Liftgate Service Because No Forklift or Dock on Site No Appointment Provided, Residential Forklift Onsite Limited Access + Needs Appointment, Home Delivery Needs Liftgate Curb Service Because No Forklift On Site (Required) No Appointment Provided, None Commercial Address Forklift / Loading Dock On Site No Appointment Provided, Commercial Address But Need Liftgate and Appointment Service / Limited Access Fee Not Included, +Home Delivery Needs Liftgate Curb Service Because No Forklift On Site With Appointment Delivery Time.

Availability: This product was added to our catalog on Friday 25 August, 2023

Steambrite Supply