



Model Number: PA-CH740-3362

Kohler 27hp Command Pro Horizontal Engine Electric Start CH27S PA-CH740-3005 ch25S-68501  
PA-CH740-3362 GTIN N/A

Manufacturer: Kohler

Kohler 27hp Command Pro V-Twin Engine Electric Start CH27S CH740-3005  
PA-CH740-3362  
Replaces: original engine ch25S-68501  
Key switch installed.

Overhead Valve Design OHV

- Hydraulic Valve Lifters
- Cast-Iron Cylinder Liners
- PTO Sleeve Bearing (Side Load) (25 & 27 HP)
- Electronic Ignition
- Large Capacity Dual Element Air Cleaner
- High Efficiency Grass Screen and Fan
- Closed Breather System
- Stellite® Exhaust Valves
- Full Pressure Lubrication
- Large Capacity In-Line Fuel Filter
- Easy Access Valve Cover Oil Fill-Yellow
- Oil Level Dipstick-Yellow
- Large Capacity Oil Filter, Dual Oil Drain
- Oil Sentry® (Switch Installed and Wired but Unconnected)
- Variable Speed Governor
- High Performance Accelerator Pump Carburetor (25 & 27 HP)
- Fuel Shutdown Solenoid, Smart-Choke® Carburetor
- Mechanical Fuel Pump
- High Performance Spark Plugs
- 12 Volt Solenoid Shift Starter
- 20 Amp Alternator, Regulated
- Crankshaft-1.437" (36 mm) Diameter x 4.453" (113 mm) PTO Length, 0.375" (9.5 mm) Keyway, Drilled and Tapped 1.5" (38 mm) Deep, 5/8-18 UNF
- PTO Face-5.625" (143 mm) Diameter, (4 Holes) 3/8-16 x 0.67" (17 mm) Deep, 7.75" (197 mm) Diameter, (4 Holes) 7/16-14 x 0.83" (21 mm) Deep
- 7" (178 mm) Diameter Pilot
- Color-Black with Cast Aluminum

Standard Features Plus:

- Engine Controls-Key Switch, Throttle and Choke Controls
- Fixed Grass Screen Guard (25 & 27 HP)
- 3/16" Evaporative emissions connection

<http://tewarehouse.com/s.nl>

-->

Used on industrial cleaning machines including pressure washers, truckmounted carpet cleaning machines, stump grinders, air duct cleaning machines, more...

Also marketed under Item# 24792

Owners Manual

Kohler Command Pro 25 hp CH740-0013 Basic

#### ACCESSORIES FOR CH740-0004

Air Intake Group 10-24-132

Blower Housing & Baffles 6-24-318

Crankcase 2-24-292 CH18-750

Crankshaft Group 1-24-3 CH18-750

Cylinder Head/ Breather Group 4-24-52 CH18-750

Decals 12-24-347

Engine Controls Group 9-24-132 CH18-750

Exhaust Group 11-24-3 CH18-750

Fuel System Group 8-24-452 CH18-750

Ignition/Electrical 5-24-716

Lubrication Group 3-24-583 CH18-750

Starting Group 7-24-5 CH18-750

#### Engine Type:

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

This v-twin cylinder, air-cooled, horizontal-shaft engine is built to last. OHV, cast iron cylinder liners, and aluminum block construction make the 4-cycle, gasoline-powered Command PRO® ready for the long haul.

#### 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 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.

Extended maintenance intervals, Yellow oil fill cap & dipstick handle, Dual oil drains, Easy-access oil fill/dipstick, Two-year limited warranty

High Power.

Accelerator pump carburetor, High-performance spark plugs, 20 amp charging, regulated, Larger in-line fuel filter, Overhead valve (OHV) design

Reliability and Long Life Design.

Oil cooler, Hardened crankshaft journals, PTO thrust bearing, High-efficiency fan and screen, Heavy-duty air cleaner, Cast iron cylinder liners, Hydraulic valve lifters, Full-pressure lubrication ,Spin-on full-flow oil filter

Quiet, Smooth Operation.

Engineered material blower housing, Mechanical fuel pump, CARB & EPA emission-certified, Easy Dependable Starts., Smart-Choke® carburetor, Electronic ignition system, Solenoid shift starter

-----  
-----

Specs

Command Pro CH740

J1940 Power hp(kW) 1  
25 (18.6)

Displacement cu in (cc)  
44.0 (725)

Bore in (mm)  
3.3 (83)

Stroke in (mm)  
2.6 (67)

Peak Torque lbs. ft (Nm)  
39.2 (53.1)

Compression Ratio  
9.0:1

Dry Weight lbs (kg)  
94 (43)

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

Lubrication  
Full pressure w/full-flow filter

Dimensions L x W x H in  
14 x 17.7 x 19

Backpressure Limit 2  
50

J1995 Power hp (kW) 3  
24.4 (18.2)

J1995 Rated Speed (RPM)  
3600

\* 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 Power (hp) and 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 H2O @ 3600 RPM WOT

3 J1995 power and torque certified by 3rd Party Witness

-----  
-----  
-

Equipment Types- This engine powers the following equipment:

Agriculture: Auger, Grain, Conveyor, Two-Wheel Tractor, Utility Vehicle, Bale Chopper, Feeder, Utility Tractor

Golf Course Maintenance: Aerator-Fairway, Blower, Lawn Blower, Mower, Greens-Walk-Behind, Sand Trap/Bunker Rake, Utility Vehicle, Aerator-Greens, Golf Cart, Mower, Greens-Riding, Mower, Riding Fairway, Sod Cutter

Industrial/Construction: Aerial Lift, Boaring Equipment, Cable Layer, Compressor, Concrete Saw, Curber, Fire Pump, Hydraulic Power Pack, Material Handling Power Buggy, Mixer, Planer/Grinder/Scarifier (Concrete), Pump, Mud, Pump &ndash; Other, Roller, Signal Board, Sprayer, Other, Tamper/Plate Compactor, Trencher, Utility Vehicle, Vibrator, Auger/Post Hole Digger, Buffer/Floor Stripper, Carpet Cleaner, Concrete Breaker, Concrete Trowel, Fan, Cooling/Other, Forklift, Loader/Backhoe, Mini Excavator/Dozer, Paving Equipment, Pressure Washer, Pump, Oil/Gas, Rammer, Screed, Skid Steer Loader, Sprayer, Paint, Tar Kettle/Crack Sealer, Truck Loader/Hoist, Vehicle

Lawn and Landscape: Aerator, Chipper/Shredder, Dethatcher, Edger, Garden Tractor, Lawn Tractor, Lawn Vacuum, Mower, Brush Cutter, Mower, Rear Steer Front Mount, Mower, Three Wheel Front Mount, Rear Op, Mower, Trim, Mower, Walk-Behind, Mower, Zero Turning Radius Light Duty, Mower, Zero Turn Radius, Rear Engine Rider, Saw Mill, Sod Cutter, Stump Grinder/Cutter, Tiller, Vacuum, Yard Tractor, Aerator, Dethatcher, Edger, Fogger, Garden Tractor, Lawn Tractor, Logsplitter, Mower, Brush Cutter, Mower, Rear Steer Front Mount, Mower, Trans Steer Front Mount, Mower, Triplex Trim/Finish Cut, Mower, Wide Area Walk Behind, Mower, Zero Turning Radius Light Duty, Pressure Washer, Rear Engine Rider, Shredder, Sprayer, Hydro Mulcher, Sweeper, Tiller, Yard Tractor

Power Generation/Welder: Light Tower, Mobile Generator, Residential Standby Generator, Welder, Marine Generator, Portable Generator, RV Generator

Recreational Vehicles: ATV, Golf Cart, Utility Vehicle, Go-Kart, Utility Vehicle, Utility Vehicle

## Links

Service Manual

Owners Manual

Sales Brochure

Kohler Warranty

Quick Reference to Parts Guide

*Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >*

Kohler Command Pro 25 hp CH740-0013 Basic

*Availability: This product was added to our catalog on Tuesday 16 July, 2013*