



Model Number: PA-KT745-3088

Kohler 27hp Courage Pro Vertical Twin Cylinder Bad Boy Engine PA-KT745-3088 GTIN N/A

Manufacturer: Kohler

Bad Boy Kohler 27 hp Courage Pro Vertical Twin Cylinder Engine being replaced with KT745-3031 & KT745-3088 which are a direct replacement from the factory.

PA-KT745-3088 supersedes PA-KT745-3031 & PA-KT745-3001*

Replaces PS-SV840-3018

Does not include the muffler system

Professional Grade Design.

Durable, Long Life Design.

High Power Performance.

Comfortable Operation.

Tough on grass, easy on you. V-Twin design provides smooth operation and the acoustically dampened air induction system reduces noise for quieter operation. This engine also features a flip-up air cleaner cover that allows for quick inspection and change

Reliable Starting.

High-torque inertia drive starter ensures quick, reliable starting in all conditions.

Increased Efficiency.

Overhead valve design makes KOHLER® engine more fuel efficient and provides more power per displacement while emitting fewer harmful exhaust gasses..

User-Friendly Maintenance.

High Power Performance.

Reliability and Long Life Design.

Quiet, Smooth Operation.

Easy Dependable Starts.

Engine Type:

4-cycle, gasoline, OHV, twin-cylinder, air-cooled, vertical shaft, full pressure lubrication with full-flow filter, aluminum head and crankcase with cast iron cylinder liners.

Model

Courage Pro SV840

Max Power @3600 RPM hp (kW) 1
27 (20.1)

Displacement cu in (cc)
44 (725)

Bore in (mm)
3.3 (83)

Stroke in (mm)
2.6 (67)

Max Torque lbs. ft (Nm)1
43 (58.3)

Compression Ratio
9:1

Dry Weight lbs (kg)
91 (41.3)

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

Lubrication
Full-pressure lubrication with full-flow filter

Dimensions L x W x H in
18.5 x 17.8 x 14.1

Backpressure Limit 2
50

J1995 Power hp (kW) 3
23.5 (17.5)

J1995 Torque lbs ft (Nm) 3
36.9 (50)

Kohler Videos

Owners Manual

Service Manual

<https://www.smallenginesuppliers.com/shop/agora.cgi>
\$849
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Standard Features:

- 1.125" Diameter x 4.36" PTO Length, 7/16-20 Hardened Crankshaft
- Cast-Iron Cylinder Liners

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

- 10" D.B.C., 4 Cored Holes (For OEM Self-Tap)
- Full Pressure Lubrication
- Large Capacity Oil Filter
- Automotive Style Dipstick (Yellow)
- 7/16" External Square Oil Drain Plug
- Stellite® Exhaust Valves
- 12V Bendix Electric Starter
- 15A Regulated Charging System
- Digital Advance Ignition System (DSAI) — SV840 only
- RFI/Ctick Compliance
- Modulated Cooling Fan
- Fixed Grass Screen Guard
- Carburetor w/Fuel Shutdown Solenoid
- Pulse Fuel Pump
- 51 Micron Fuel Filter
- Single Wire Controls - Throttle and Choke
- Mechanical Governor
- Torx Head Boden Screws
- Large Capacity Dual Element Air Cleaner
- Standard HP Decal (Black with Silver Lettering)
- Engine Plate with Emission Certification
- Governed Idle Speed 1750 (+150/-250) rpm
- High Speed 3300 (+/- 75) rpm
- Owner's Manual (English)
- Color-Black with Cast Aluminum

Standard Features Plus:

- EVAP

Availability: This product was added to our catalog on Sunday 21 July, 2013