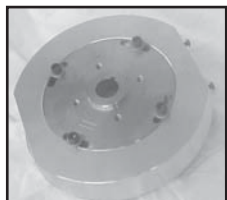


# V-Twin Engine Parts



**Kohler Command Steel Adjustable Flywheel**  
Easily adjust your timing without going through the hassle of making offset keys. Uses stock magnet and ring gear of off the original flywheel. Weighs 22 lbs.

Prt No. FC      **\$288.75**



**RACERS This is what you need**  
**Kohler Command Aluminum Flywheel**  
Accepts standard kohler magnet or our aftermarket magnet. Weighs less than half the amount of the stock flywheel. For maximum acceleration out of the corners.

Prt No. FCA      **\$341.25**



**RACERS - Another option for cooling**  
**Aluminum Finned Flywheel**  
Lawn Mower Racer Command Aluminum Flywheel with cooling fins Weighs just 10 lbs and has built in cooling fins for your lawn mower racer. Quick revving out of the corners to get a jump on the competition.

Prt No.      **\$367.50**  
FCAF



**Kohler Command Steel Camshaft Blank**

Prt No. CCB      **\$115.50**



**Kohler Command Adjustable Steel Cam Gear - Make any cam Adjustable**  
Fits our steel cam blank or you can machine your stock cam to fit it.

Prt No. CCG      **\$78.75**



**Kohler Command Billet Aluminum Magnet**  
High strength magnet for hotter spark, better performance and won't come apart at high RPM like diecast stock magnet. Flywheel needs to be balanced after attaching.

Prt No. Magnet      **\$63.00**



**Kohler Command Roller Lifters**  
Installer will have to machine the block to clear roller lifters.

Prt #RL      **\$130.00**  
(Set of 4)



**Kohler Command Billet Steel Crankshaft**

|                      |               |                 |
|----------------------|---------------|-----------------|
| Stock Stroke         | Prt No. C26   | <b>\$682.50</b> |
| 3" Stroker Crank     | Prt No. C28   | <b>\$708.75</b> |
| 3.120" Stroker Crank | Prt No. C3120 | <b>\$735.00</b> |

# V-Twin Engine Parts



**Kohler Command Copper Head Gaskets**  
0.031" thick. Avail. 18-22hp, 25hp, 3.375, 3.583 bore

Prt No. **\$18.90/pr.**  
HGC31

**.062" Copper Head Gaskets for Command**  
These thicker head gaskets are good to use for gaining a little bit more clearance for valve to piston clearance on bigger camshafts. Available in three sizes for 18hp -22hp, 25hp and 3.375" bore.

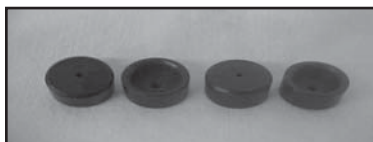
Prt No. **\$27.30/pr.**  
HGC62

**Kohler Command Steel Crankshaft Gear** (*not pictured*) designed for our steel crankshaft. No degree mark to be used with adj. cam gear.

Prt No. C **\$52.50**  
Crank Gear

**SS Valves for Command Stock** (stock length and .300" longer for our double spring kit. (*not pictured*))  
Titanium Valves Command (*not pictured*)

Prt No. CSSX/ **\$47.25/ea.**  
CSSX1  
Prt No. TIValve **\$99.75/ea.**



**Lash Caps Available 7 mm or 5/16"**  
protects stem from wear of roller rocker.  
7 mm is stock, size 5/16" is aftermarket.

Prt No. Lash Cap **\$16.80 set**

## JE Pistons for Command Engines - Sold in Pairs



JE Piston Custom  
Forged Billet

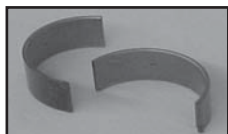
| Size   | Pin Height | Rings   |   |
|--------|------------|---------|---|
| 3.032" | 1.040"     | 3 rings | <b>\$294.00/pr</b><br>Comes with<br>Piston, rings,<br>wrist pins and<br>clips.<br><br>1.040 Pin height for<br>V-Rod<br>.750 Pin for V-Rod-290 |
| 3.032" | .750"      | 3 rings |   |
| 3.051" | 1.040"     | 3 ring  |   |
| 3.071" | .750"      | 3 ring  |   |
| 3.150" | 1.040"     | 3 ring  |   |
| 3.189" | .750"      | 3 ring  |   |
| 3.270" | 1.040"     | 3 ring  |   |
| 3.270" | .750"      | 3 ring  |   |
| 3.300" | 1.040"     | 3 ring  |   |
| 3.307" | .750"      | 3 ring  |   |
| 3.375" | 1.040"     | 3 ring  |   |
| 3.375" | .750"      | 2 ring  |   |
| 3.583" | 1.040"     | 3 ring  |   |
| 3.583" | .750"      | 3 ring  |   |



**Aluminum Rods for Com-**  
mands. These rods feature the ability to run rod bearings, rod has bearing lock. **SOLD IN PAIRS**

Stock Length Rods: V Rod **\$231.00/pr**  
+.150" longer rods: VS Rod **\$231.00/pr**

Price does not include bearings. See below.



**Rod Bearing for MSC Command Rods**  
Standard only available. Sold in pairs.

Prt No. Rod Brg-C **\$42.00**

# V-Twin Engine Parts



**Kohler Command Valve Springs**      Prt No. CVS      **\$50.40**  
 Stronger than stock springs.

**Double Springs**      Prt No. DVS      **\$67.20**  
 for .300" longer valves (*not pictured*).  
 Locators now included.



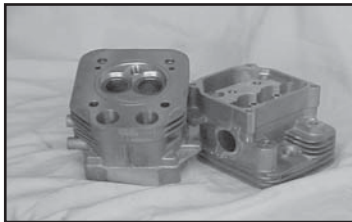
**Adjustable Rocker Stud Kit for Kohler Command V-Twin engine.** Kit eliminates the need for adjustable push rods. Uses a proven design used in V-8 racing engines, helps stabilize the pushrods and rockers by use of the push rod guide plate. No machining required, drop in fit. Perfect for stock and stock altered V-twins. Made for use with stock length valves, works great with our heavier single springs (CVS). Kit includes 4 rocker studs, 4 fulcrums, 4 poly nut adjusters and 2 pushrod guide plates.      Prt No. RK4A      **\$57.75**

## Crank Trigger Ignition for Kohler Command V-Twin Engines



Kit includes magnet ring, bracket and modules. Easy hook up. Buyer must specify diameter of PTO end of crank at the block. MWSC steel crank requires a 1.5" magnet ring. Also must specify bolt circle on front of the block for the module bracket to bolt on (5" or 5 5/8"). This crank trigger should be used with two (2) coils (like the Bosch Super Blue Coils) or Dyna Coil packs listed on page 36 (recommended). This ignition set up has been tested on our V-twin engines for the past two years.      Prt No. EI-VTwin      **\$168.00**

## MSC Pro V-Twin Cast Cylinder Heads



Features include raised port runner, set-up for small block chevy studs, rockers and springs. 5/16" stems with stock 1 cyl. Kohler valve length. Uses stock valve cover. 356 T6 Aluminum.

Bare Heads      Prt No. Head Pro V-Twin-Bare      **\$525.00/pr.**  
 Complete Heads      Prt No. Pro V-Twin Head Complete      **\$2240.00/pr.**



**Velocity Stack**      Prt No. VelocityStack      **\$55.15**  
 for stock Kohler Command Carburetors.  
 Increases flow by over 20% and increased horsepower. Accepts K&N Air Filter.



**Economy Exhaust Flange**      Prt No. EFC      **\$17.85/pr.**  
 (includes gaskets) for Kohler Command.



**Long Rods for Kohler Command**      Prt No. V-Rod-290      **\$231.00/pr.**  
 These longer rods for are for the 18hp to 30hp V-twin for use with the .750 pin height pistons. Dyno test show increased top end horsepower of 5 to 10 hp over the short rod engines. These longer rods improve the rod angularity of the v-twin to increase piston dwell time on TDC and BDC for increased and more efficient cylinder filling resulting in more horsepower.

# V-Twin Engine Parts

Vorhees built Stock Altered and stock governor engines available. NQS Champion Engine Builder. NQS 16hp SA aftermarket block \$5,600.00

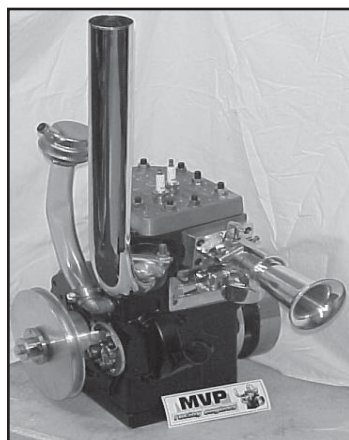
## Call for Pricing

- 16hp (your stock core block) SA
- 14hp (your core block) SA
- 12hp (your core block) SA
- 10hp (your core block) SA
- 16hp governor stock (your core)
- 10 to 14hp governor stock (your core)



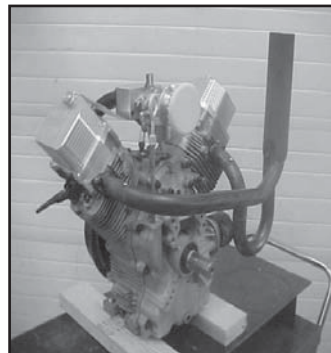
NQS Engine Builder Cup Winner

NQS Engine Builder of the Year  
Champion for 2005, 2006, & 2008



MVP Racing Engines. These are not "Crate Engines" allow 4 to 8 weeks for your custom engine. BASE Engine Complete Pro Stock Engines, 4.125 x 3.750, J2 Block, dyno-tuned, complete engine with starter pulley, flywheel, multi-stage exhaust pipe and 1.2 MSC carb. Options available Super Stock set up with S&S Super D and manifold (dyno-tuned), Option with Damper. Top shelf engines with no expense spared. Stainless Valves, Dual Springs, Ball bearings on camshaft, 12 ball main bearing, double closure plate bearing, steel oil pan, steel camshaft with our own in house cam profile and design. This engine will run with anything on the NQS circuit. Tested and Proven power. MVP has more NQS Event TOP 5 Finishes in Pro Stock and Super Stock than anyone. **PRICED AT \$5,600.00.**

MVP Racing Engines NQS Top Competition Engines. Comes with all of the Bells and Whistles. Both Pro and Super Stock Set-ups, Damper and Electronic Ignition. **CNC Ported Block and Cylinder Head. PRICED AT \$6,900.00**



MVP V-Twin Command Engine Packages: Starting at \$3,500.00 (18 to 25HP, 1.2 carb gas or alky, balanced stock crank, billet rods, flat top pistons, roller cam, roller rockers, double springs, fully ported stock heads, valve cover spacers, steel adjustable flywheel, custom intake and header. Dyno-tuned. Our most affordable price. Power ranges from 50HP to 70HP. **GOOD CORE REQUIRED \$ 6,200.00** (18 to 25HP, same as above engine but with Pro V-Twin heads, camshaft and rocker upgrade, steel billet crankshaft) Options at extra cost 3" stroke crank, 3.375" big bore, cubic inch size up to 54 cubic inches. Gas or Alky. 55HP to 90HP. **GOOD CORE REQUIRED. NQS VERSION Pro V-Twin engine \$7,120.00** Needs Good Core.

# V-Twin Engine Parts



**Command Intake Flanges**  
With gaskets

Prt No. Intake Flanges **\$15.00/pr.**



**Kohler Command Cast Valve Covers**  
With O-ring and stainless steel bolts. No more leaks from valve cover spacers. Designed to clear most all roller rocker set ups.

Prt No. VC **\$68.25/pr.**



**Pushrod Guide Plates for Command Heads**

Prt No. Guide Plate **\$15.75/pr.**

**Kohler Closed Chambered Head for Commands**  
They increase compression. Priced per pair.

Prt No. Closed C Heads **\$247.80**

**Bronze Valve Guides**  
1/2" OD. 7 mm ID. Needs 4.

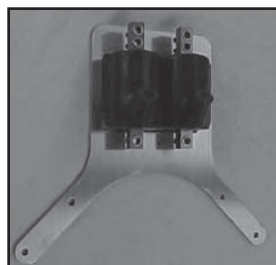
Prt No. VG **\$29.40 each**



**Kohler Command Aluminum Roller Rocker Kit**

Prt No. RR Economy Kit **\$142.80/pr.**

Includes four 1.6 ratio roller rockers, four screw in studs, four adjusters, two head inserts (secured by the head bolts), and two longer head bolts. \*Requires some machining on head and use of .300" longer valves. Use with valve covers listed above. Includes Lash Caps.



**Dyna Coil Pack (Green) and aluminum bracket** that bolts on in place of the factory V-Twin coils. Bracket is designed to work with 2 barrel or aftermarket intake manifold. (Will not work with stock 18hp to 27hp intake manifold). These Dyna coils are the widely used in high performance motorcycles including G2 S&S Pro Stock NHRA Drag Bike. These coils have been tested on our V-twin engines the past few years.

Prt No. EI-VTwin Coils **\$210.00**



**Dyna Coil Pack (Green) and aluminum bracket** that bolts onto front cover. (Will work with stock 18hp to 27hp intake manifold). These coils have been tested on our V-twin engines the past two years.

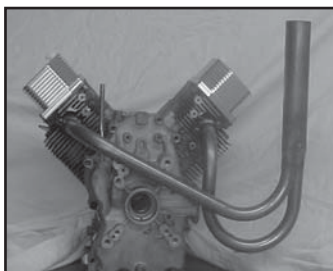
Prt No. EI-VTwin Stock **\$210.00**

# V-Twin Engine Parts



Command 2 into 1 Header Systems -  
Middle Exit for Kohler Command.  
Choice of sizes 1 1/8, 1 1/4, 1 3/8  
Includes copper gaskets.

Prt No. **\$99.55**  
MiddleX



Command 2 into 1 Header Systems -  
Side Exit for Kohler Command.  
Choice of sizes 1 1/8, 1 1/4, 1 3/8  
Includes copper gaskets.

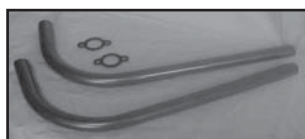
Prt No. **\$168.00**  
SideX

Special Order Headers - **\$180.00**



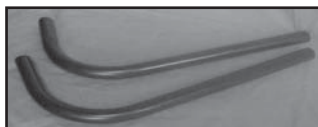
Command Zoomie Header  
Flanges are welded on pipes.  
Includes copper gaskets.  
Choice of sizes 1 1/8, 1 1/4, 1 3/8

Prt No. **\$53.55/pr.**  
Zoomies



Command Zoomie Do It Yourself Kit  
Choice of sizes 1 1/8, 1 1/4, 1 3/8  
Includes flanges and gaskets.

Prt No. **\$37.80/kit**  
ZoomieDIY



Command Zoomie Pipes ONLY  
Choice of sizes 1 1/8, 1 1/4, 1 3/8

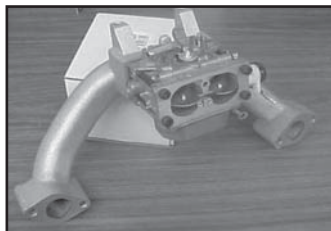
Prt No. **\$21.00**  
Zoomies Pipe



Kohler Command Engine Sleeves for  
3.270 bore (25hp) and 3.300 bore (27hp).  
Use to sleeve your 18 to 22hp engine to the  
larger bore or to repair your worn out bore.  
We can do the machine work, install the  
sleeve, and finish bore and hone for **\$262.00**

Prt No. **\$63.00/pr.**  
Sleeves

# V-Twin Engine Parts



**Kohler Command 24 mm 2-barrel Carb and Manifold**  
for the CH series (horizontal crank). This is a stock factory part, perfect for the stock and stock V-Twin classes where OEM parts are required.

Carb - 2      **\$279.30**  
Manifold - 2      **\$115.50**



**V-stack Adapter**  
for 2-barrel carb to fit KN air filter

Prt No. V-Stack - 2      **\$68.25**

**KN Filter for 2-barrel carb** (*Page 40*)

Prt No. KNC      **\$73.50**



**Plenum Adaptor**  
from 2barrel manifold to adapt 1.2" one cylinder Kohler carb.

Prt No. Plenum - 1      **\$94.50**

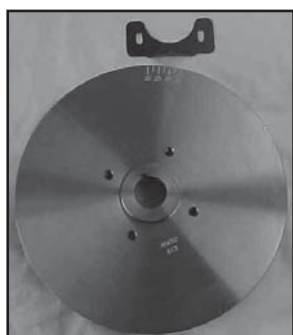


**Kohler Command Cam Degree Tool**  
Patent Pending on this easy-to-use tool to degree your camshaft in on your Command V-Twin. Also can check the end play on the cam and crankshaft with this tool. Made of high strength grade 1/2" aluminum.

Prt No. Degree Tool      **\$31.50**

Also available for Big Twin.

Pt No. BT-Degree      **\$36.75**



**Kohler Command V-Twin Non-Adjustable Steel Flywheel**  
to be used with our crank trigger ignition. Flywheel is degreed and included is a timing pointer which bolts onto the block where the stock coils were mounted.

Prt No. FC32      **\$183.75**

**PURCHASE BOTH** the FC32 flywheel and the EI VTwin.

Prt No. FC32A      **\$351.75**

**PURCHASE** Crank Trigger and Dyna Coils  
**PURCHASE THE COMPLETE** Crank Trigger Setup. Kit includes the Crank Trigger Kit and the Dyna Coil Kit and F32

Prt No. C Coils      **\$360.00**

Prt No. FC32 - Kit      **\$561.75**

# V-Twin Engine Parts

|  |                       |                     |
|--|-----------------------|---------------------|
| Head and Front Cover Locating Pins (6)<br>Six needed.        | Prt No. 1238003       | <b>\$11.15 each</b> |
| Rubber O-Ring for Valve Covers                               | Prt No. 24153         | <b>\$8.95 each</b>  |
| Cut Head for O-Ring Material                                 | Prt No. O-Ring        | <b>\$42.00</b>      |
| Copper O-Ring Material for Head                              | Prt No. CO-Ring       | <b>\$10.50</b>      |
| Port and Polish Heads<br>Does not include assembly or parts. | Prt No. Port & Polish | <b>\$183.75</b>     |
| Command Bored and Sleeved<br>Block for Customer              | Prt No. Sleeved       | <b>\$262.50</b>     |
| Rod Bearing Set for V-Twin<br>Standard                       | Prt No. BT Rod Brg    | <b>\$37.80</b>      |
| Big Bore Command Nicom Bore                                  | Prt No. BT Nicom      | <b>\$367.50</b>     |

## Used Parts

|   |                  |                                  |
|---|------------------|----------------------------------|
| Ring and Pinions<br>Used Cub Cadet Ring and Pinion Set<br>For Internal Brake Cubs.  | Prt No. Used R&P | <b>\$131.25</b>                  |
| Carrier and Axle - Stock<br>Axles only 1 PR - No longer<br>available from Cub Cadet |                  | <b>\$52.50</b><br><b>\$30.00</b> |
| Used Starter Ring - Gears<br>Single Cylinder  |                  | <b>\$65.00</b>                   |