

KNIGHT PROWLER

NEVER SLEEPS... ALWAYS ON THE PROWL!



WOOD PERFORMANCE

HIGH PERFORMANCE CARBS AND CAMS

205-525-4949

WOODCARBS.COM



STREET BIKES
TOURING BIKES

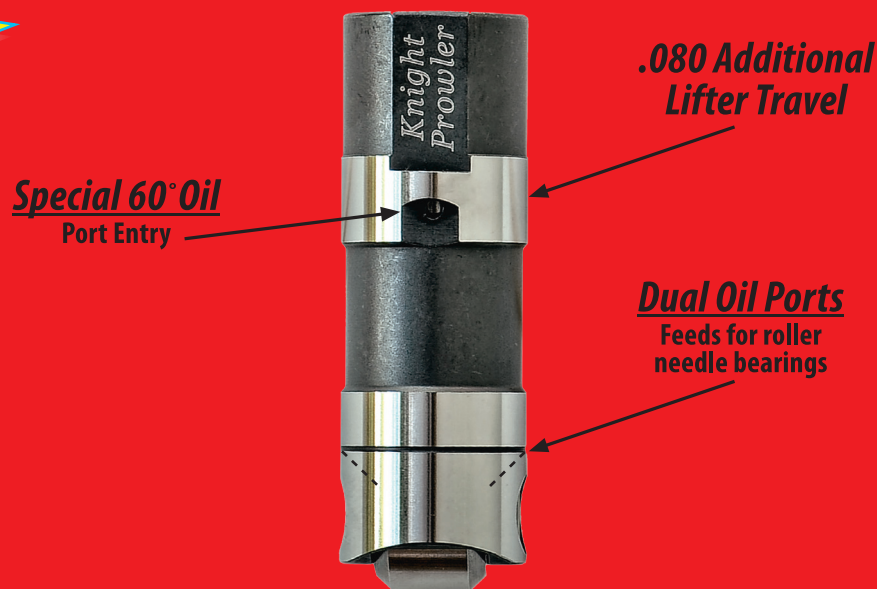
ALPHA SERIES LIFTERS

NEW GENERATION - MULTI-FIT

WADL-1012 - TWIN CAM DIRECTIONAL LIFTERS

WADL-8012 - MILWAUKEE 8 DIRECTIONAL LIFTERS

- FITS ALL MW8 & TWIN CAM ENGINES
- UP TO .600 LIFT ON MW8 ENGINES
- NO LIFT LIMITS ON TWIN CAM ENGINES



"AMERICAN MADE"

Wood Performance has partnered with Johnson HY-LIFT, Top Line Automotive to produce these proprietary, Multi-fit high performance Lifters. They are made to fit all the above HD engines using the Knight Prowler specifications. They also include the EDM technology for the Dual port oil ports to feed the lifter needle bearings.

KNIGHT PROWLER®

NEW



2017

Milwaukee 8 Cams





BW-4V Valve Springs & Titanium Retainers
Alpha Series M8-8012 Directional Roller Lifters



BEING #1 ALWAYS MATTERS!
Wood Performance

KNIGHT PROWLER[®]

Milwaukee 8 Cams

| Part Number | Springs | Application |
|---|-------------------------------|---|
| WM8-22X | STOCK | 107-114 c.i. Bolt-in. "SUPER HIGH TORQUE!" at low R.P.M. for heavy 2-up riding and popping wheelies. REQUIRES ADJUSTABLE PUSHRODS |
|  WM8-22XE | STOCK | 107-113 c.i. UPDATED WM8-22X cam that will give an additional 8-10 HP and 5 Ft. lbs. of torque. REQUIRES ADJUSTABLE PUSHRODS |
| WM8-222 | STOCK | 107-114 c.i. BOLT IN-MAX TQ AND HP - Idle through 6K bagger special for 2-UP riding, mountains, and twisties etc. REQUIRES ADJUSTABLE PUSHRODS |
| WM8-777 | STOCK | 107-114 c.i. BOLT-IN HOPPED UP WM8-222 cam. Twist the throttle and let it rip! REQUIRES ADJUSTABLE PUSHRODS |
|  WM8-77X | BW-4V SPRINGS OR S.E. SPRINGS | 107-135 c.i. A clone of our famous high torque TW-400 CAMS. Hot rod maximum torque cam for baggers! REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS AND ADJUSTABLE PUSHRODS |
| WM8-408 | BW-4V SPRINGS OR S.E. SPRINGS | 107-114-117 c.i. Stock-11.5 compression. ULTRA HIGH TQ AND HP FOR 2500+ RPM FOR HOT ROD BAGGERS. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS AND ADJUSTABLE PUSHRODS |
| WM8-4860 | BW-4V ONLY | 107-120 c.i. Our #1 torque monster for 10.5 and up compression. KICK ASS LIGHT-IT-UP IN THE STREETS, MOUNTAINS AND TWISTIES. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
| WM8-999 | BW-4V SPRINGS OR S.E. SPRINGS | 107-120 c.i. Our #1 torque monster for 10.5 and up compression. KICK ASS LIGHT-IT-UP IN THE STREETS, MOUNTAINS AND TWISTIES. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
| WM8-9960 | BW-4V ONLY | 107-124 c.i. KICK ASS AND TAKE NAMES CAM! #1 with more lift and duration. 10.5 and up compression. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
| WM8-9F60 | BW-4V ONLY | 107-124 c.i. KICK ASS AND TAKE NAMES CAM! #1 with more lift and duration. 10.5 and up compression. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
| WM8-9FX60 | BW-4V ONLY | 107-150 c.i. Modified extended exhaust duration for more HP. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
|  WM8-9FX | BW-4V ONLY | 107-150 c.i. Modified for additional exhaust timing. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |
| WM8-68 | BW-4V ONLY | 107-130 c.i. DAYTONA DYNO SHOOTOUT WINNER FOR 8 YEARS! 11:5 Min. compression. REQUIRES BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS. TDC LIFTS = INT .244 EX .196 |
| WM8-6860 | BW-4V ONLY | 107-130 c.i. DAYTONA DYNO SHOOTOUT WINNER FOR 8 YEARS! 11:5 Min. compression. REQUIRES BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS. TDC LIFTS = INT .244 EX .196 |
|  WM8-68X | BW-4V ONLY | 107-150 c.i. HIGHLY modified additional lift and duration for those wanting over 200HP. REQUIRES HIGH PERFORMANCE PISTONS, BW-4V VALVE SPRINGS, WADL-8012 LIFTERS AND ADJUSTABLE PUSHRODS |

BW-4V Valve Springs & Titanium Retainers Alpha Series M8-8012 Directional Roller Lifters



BEING #1 ALWAYS MATTERS!
Wood Performance

KNIGHT PROWLER VALVE SPRINGS



BW-4V MILWAUKEE 8 SPRINGS

1.585 = 84lbs

1.535 = 113lbs

.985 = 260lbs

.925 = COIL BIND

MANDATORY FOR USE ON

- WM8-4860 cams / BW-4V SPRINGS ONLY
- WM8-9960 cams / BW-4V SPRINGS ONLY
- WM8-9F60 cams / BW-4V SPRINGS ONLY
- WM8-68 & WM8-6860 cams / BW-4V SPRINGS ONLY

ALSO RECOMMENDED FOR USE WITH

- WM8- 408 CAMS
- WM8- 222 CAMS
- WM8- 999 CAMS
- WM8- 777 CAMS

BW-4V Valve Springs & Titanium Retainers Alpha Series M8-8012 Directional Roller Lifters



NEW



BEING #1 ALWAYS MATTERS!
Wood Performance

KNIGHT PROWLER®



2017

111"

Indian Cams

| Part Number | Springs | Application |
|-------------|---------------|---|
| * WI-555 | Stock Bolt-In | Super High Torque for Indian Thunder Stroke 111" Engines – Stock Compression thru 11:1 |
| * WI-999C | Stock Bolt-In | Hot Rod 111" Cams for staying up front, Bar Hopping and Brutal Sound |
| * WI-99D | Stock Bolt-In | Max Performance – Bolt-In, Kick Ass Cams Mid – Top end Power |
| * WI-9B | High Lift | Ultimate Max Output – Must have minimum 10.5:1 compression and all the air you can put in it. |

* NOTE: Use Stock Pushrods and Lifters

BEING #1 ALWAYS MATTERS!
Wood Performance

KNIGHT PROWLER®

NEW for 2015



**07-17 ALL
except Milwaukee 8**

Twin Cam

BEING #1 ALWAYS MATTERS!

KNIGHT PROWLER CAMS KEEP YOU THERE

TW999-6A BOLT-IN CAM

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|-----------|----------------|---------------|--------------|--------------|---------|---|
| TW-999-6A | 26/46 46/26 | 252 252 | .575 .575 | .230 .225 | Stock | New 2015/16 – BOLT IN – SPECIAL GRIND. 96" thru 120" - FOR STOCK HEADS!!!! FOR THOSE THAT WANT TO BE #1. AWESOME SOUND. 3,000 RPM & UP. ALSO LOVES COMPRESSION CVO HEADS REQUIRE MINOR VALVE WORK |

WE LISTEN TO YOU!

YA'LL TELL US YOU WANT MORE. . .

HERE YOU GO, OUR LATEST KICK ASS, LIGHT 'EM UP

KNIGHT PROWLER CAMS

TW999-6A and TW999-6 CAMS

WILL KEEP YOU #1 FOR A LONG TIME!

TW999-6

KNIGHT PROWLER VALVE SPRINGS REQUIRED

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|----------|----------------|---------------|--------------|--------------|---------|---|
| TW-999-6 | 24/48 48/24 | 252 252 | .590 .590 | .222 .215 | HI-LIFT | New NEW, SUPER HOT 10.5 C/R. 96, 103, 107 & up. Head work, springs required. 50mm & up EFI TB or Carb. 135+ HP & TQ. |

KNIGHT PROWLER®



2006 DYNA

Twin Cam

**07-17 ALL
except Milwaukee 8**

New Single Roller Link Chain Drive Cams

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|---------|--------------------|---------------|--------------|--------------|---------|--|
| TW-5-6 | 17 / 37 39 / 15 | 234 234 | .575 .575 | .174 .160 | Stock | Maximum Low-End Torque – Bolt-In w/Stock Heads |
| TW-222 | 14/34 34/14 | 228 228 | .555 .555 | .156 .156 | Stock | New TRIPLE DEUCE: "HOLD ON TIGHT" SUPER LOW- MID RANGE & RUNS LIKE HELL UP TOP!! 96" thru110" - 2006 Dyna, all 2007 – 2013 models |
| TW-555 | 21/41 43/19 | 242 242 | .555 .555 | .189 .178 | Stock | 06 Dyna & 07 thru 2013 Bolt-in Cams Ultra High Performance for your 96", 103" & 110" Street or Touring bike |
| TW-777 | 22/42 44/20 | 244 244 | .575 .575 | .200 .187 | Stock | New 06 Dyna & 07 thru 2013 Bolt-in Cams "Hot 555 on Steroids" Street |
| TW-888 | 23/43 43/23 | 246 246 | .575 .575 | .205 .202 | Stock | New TW 888: Fits 06 Dyna & all 2007 thru 2013 Twin Cam engines. TRIPLE 888, HOLD ON TIGHTER!! Ripping mid thru 6,000RPM HP & TQ. BOLTIN-STOCK HEADS. TAKES NO PRISONERS |
| TW-6-6 | 20/40 42/18 | 240 240 | .510 .510 | .191 .173 | Stock | Bolt in street/touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| TW-7H | 20/40 42/18 | 240 240 | .575 .575 | .194 .176 | Stock | New for 2006 – 2010 Bolt-In Super High Torque fits 96" thru110" with stock heads |
| TW-8-6 | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best Bar Hopping - High performance cam available. Aggressive ramps - High Lift - 96 to 114 cubic inch |
| TW-9-6 | 22/50 52/20 | 252 252 | .580 .580 | .205 .187 | HI LIFT | 88 - 120 cu. in.+ Hot Bar Hopper - Bolt-In with S.E. Heads - Loves 3.37 Gear Ratio |
| TW-9B-6 | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real Twin-Cam Boss for 96 thru 124 ci – Minimum 10.5 cr |
| TW-9F-6 | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1Knight Prowler Street cam 95-130 cu. In. for the Real Bad Street Bike |

New Single Roller Link Chain Drive Cams

PAGE 2

| | | | | | | |
|------------------|----------------|------------|--------------|--------------|---------|--|
| TW-62-6 | 31/51 53/29 | 262 262 | .650 .650 | .249 .236 | HI-LIFT | New 2012 Brutal Street Cams for the Roller Link Chains |
| TW-68-7 | 30/58 62/26 | 268 268 | .678 .678 | .260 .226 | HI-LIFT | New Twin Cam 95 ci Class WINNER 2003 Daytona AMI Shootout |
| TW-400-6 | 22/42 44/20 | 244 244 | .650 .650 | .210 .190 | HI-LIFT | Maximum Torque, 2000RPM & Up Bolt-In for SE Ported & 103+ Heads |
| TW-408-6 | 24/44 46/22 | 248 248 | .650 .650 | .218 .200 | HI-LIFT | Hot Rod Cam for 96 thru 124 ci need gearing + 10.5 min CR |
| TW-408-44 | 24/44 46/22 | 248 248 | .530 .530 | .213 .199 | Stock | Hot Rod 07-13 Bolt-In - Stock Heads, Springs, C/R Max Torque and HP |

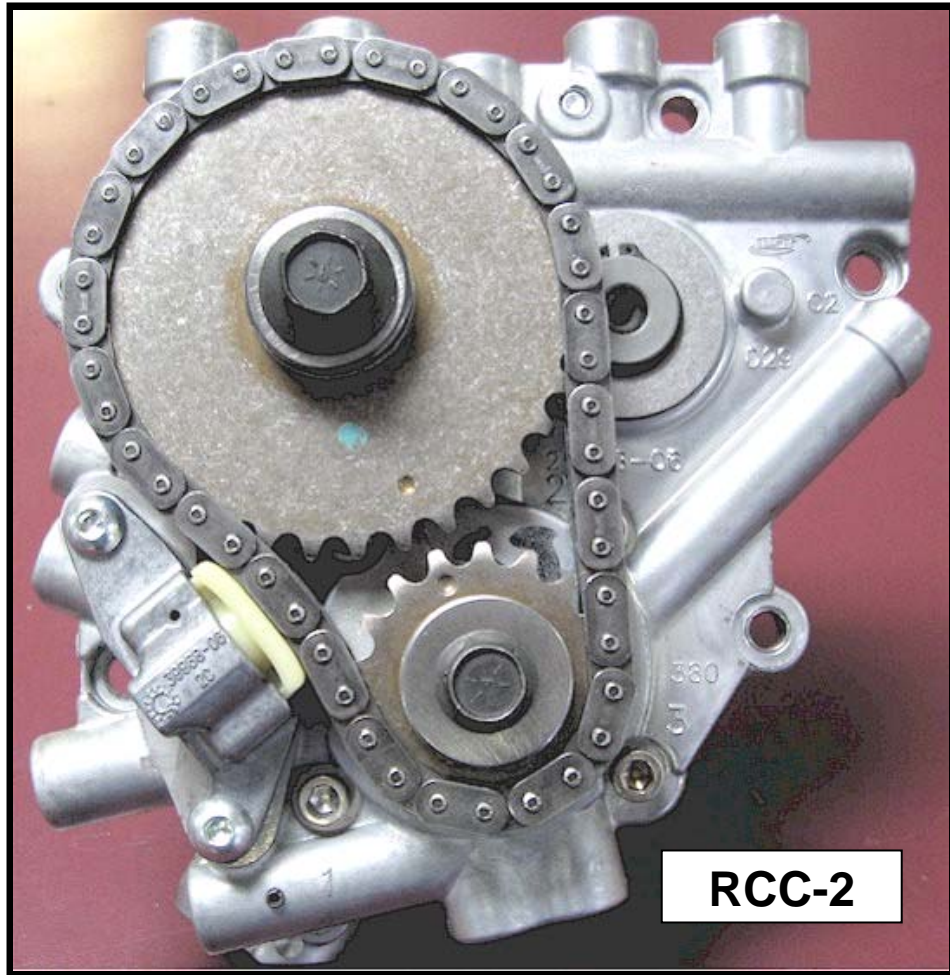
NOTE: 216020+4 Advance Gear is available for these Roller Link Chain Drive Cams

SPECIAL NOTES: All of our KNIGHT PROWLER® Gear Drive Cams, 1999 thru 2006 will work in all 2006 Dyna and 2007 models with minor changes. You may use any 2006 Dyna or 2007 Stock or SE cams with our KNIGHT PROWLER® Belt Drive System (using your existing inner roller link chain).



KNIGHT PROWLER®

New for 2017 **Roller Chain Conversion Kit**



Update your 99 thru 06 bike (except 06 Dyna) to the new 'Roller Link Chain/Hydraulic Tensioner System'. Kit comes complete with everything you need, including the new high volume oil pump used on all 07 thru 17 models.

Your choice of Knight Prowler® Cams sold separately.

Refer to your Harley-Davidson® service manual for installation.

Wood Performance Carburetors

3440 Martin Street South, Ste 6 - Cropwell, AL 35054 - 205-525-4949 - Fax 205-525-4940

KNIGHT PROWLER®



1999

Twin Cam

2006 except 06 Dyna

New Roller Link Conversion Cams

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|-------------|--------------------|---------------|--------------|--------------|---------|---|
| TW-5-6 R | 17 / 37 39 / 15 | 234 234 | .575 .575 | .174 .160 | HI-LIFT | Maximum Low-End Torque – Bolt-In w/S.E. Heads |
| TW-6-6 R | 20/40 42/18 | 240 240 | .510 .510 | .191 .173 | Stock | Bolt in street/touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| TW-7H R | 20/40 42/18 | 240 240 | .575 .575 | .194 .176 | HI-LIFT | NEW FOR 1999 THRU 2006 ENGINES ONLY!! Super HIGH TORQUE, requires valve springs on 1999 thru 2004 heads . OK for 2005, 2006 heads. Cannot be used on 2006 Dyna's. |
| TW-8-6 R | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best Bar Hopping - High performance cam available. Aggressive ramps - High Lift - 96 to 114 cubic inch |
| TW-9B-6 R | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real Twin-Cam Boss for 96 thru 124 ci – Minimum 10.5 cr |
| TW-9F-6 R | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1 Knight Prowler Street cam 95-130 cu. In. for the Real Bad Street Bike |
| TW-400-6 R | 22/42 44/20 | 244 244 | .650 .650 | .210 .190 | HI-LIFT | Maximum Torque, 2000RPM & Up Bolt-In for SE Ported & 103+ Heads |
| TW-408-6 R | 24/44 46/22 | 248 248 | .650 .650 | .218 .200 | HI-LIFT | Hot Rod Cam for 96 thru 124 ci Stock thru 11:1 C/R |
| TW-408-44 R | 24/44 46/22 | 248 248 | .530 .530 | .213 .199 | Stock | Hot Rod 1999-2006 Bolt-In - Stock Heads, Springs, Stock thru 11:1 C/R |
| TW-555-6 R | 21/41 43/19 | 242 242 | .555 .555 | .189 .178 | Stock | NEW Famous TW555 triple nickel: Bolt in 05 & 06 Max HP & TQ 99 - 2004 stk heads require springs |
| TW-68-6 R | 30 / 58 62 / 26 | 268 268 | .678 .678 | .260 .226 | HI-LIFT | Twin Cam 95 ci Class WINNER 03-08 Daytona Shootout |

NOTE: 216020+4 Advance Gear is available for these Roller Link Chain Drive Cams

SPECIAL NOTES:

Cams with "R" suffix are in stock now.
Contact Bob Wood



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KNIGHT PROWLER®



2006 DYNA **Twin Cam** 07-2017 ALL Gear Drive

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|-----------|--------------------|---------------|--------------|--------------|---------|--|
| TW-6G-7 | 20/40 42/18 | 240 240 | .510 .510 | .191 .173 | Stock | Bolt in street/touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| TW-7HG-7 | 20/40 42/18 | 240 240 | .575 .575 | .194 .176 | HI-LIFT | New for 2006 – 2016 Super High Torque Gear Drive |
| TW-8G-7 | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best Bar Hopping - High performance cam available. Aggressive ramps - High Lift - 96 to 114 cubic inch |
| TW-9BG-7 | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real Twin-Cam Boss for 96 thru 124 ci – Minimum 10.5 cr |
| TW-9FG-7 | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1 Knight Prowler Street cam 95-130 cu. In. for the Real Bad Street Bike |
| TW-400G-7 | 22/42 44/20 | 244 244 | .650 .650 | .210 .190 | HI-LIFT | Maximum Torque, 2000RPM & Up Bolt-In for SE Ported & 103+ Heads |
| TW-408G-7 | 24/44 46/22 | 248 248 | .650 .650 | .218 .200 | HI-LIFT | Hot Rod Cam for 96 thru 124 ci need gearing + 10.5 min CR |
| TW-68G-7 | 30 / 58 62 / 26 | 268 268 | .678 .678 | .260 .226 | HI-LIFT | Twin Cam 95 ci Class WINNER 2003 Daytona AMI Shootout |
| TW-75G-7 | 34 / 62 66 / 30 | 276 276 | .750 .750 | .285 .252 | HI-LIFT | Twin Cam Unlimited Class WINNER 09-08 Daytona Shootout |

SPECIAL NOTES:

All of our KNIGHT PROWLER® Gear Drive Cams, 1999 thru 2006 will work in all 2006 Dyna and 2007 thru 2009 models with minor changes.

You may use any 2006 Dyna or 2007 thru 2009 Stock or SE cams with our KNIGHT PROWLER® Belt Drive System (using your existing inner roller link chain)

Contact Bob Wood



KNIGHT PROWLER®

Wood Performance Carburetors

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Leave the "Designer Jeans" to the Girls!



...EXCLUSIVELY from WOOD PERFORMANCE...

KNIGHT PROWLER® "Designer Series" Cams for YOUR Special Bike!

TWIN-CAM Designer Cams

Wood Performance will design camshafts specifically for Your Custom Ride with the specifications to produce the horsepower and torque that it Demands!

These gear-driven cams, available for Twin Cam engines, (some with chain drive) will be individually custom designed by Wood Performance with lift and duration numbers created to produce maximum horsepower and torque specifically for use in Your Custom Engine!

Listed below are Twin-Cam KNIGHT PROWLERS that are already roaming the streets, choosing their prey at will!

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Application |
|--------|--------------------|---------------|--------------|--------------|--|
| TW5G | 17 / 37 39 / 15 | 234 234 | .575 .575 | .174 .160 | Maximum Low-End Torque – Bolt-In w/S.E. Heads (Gear Drive Only) |
| TW10FG | 24/52 54/22 | 256 256 | .750 .750 | .225 .202 | Twin Cam Gear Drive 80" - 140" Super Hi-Lift Short Duration Street Cam for Pro's Only Low TDC's!! Easy Install!! |
| TW400G | 22 / 42 44 / 20 | 244 244 | .650 .650 | .210 .190 | Most Popular, Super High Torque, Low RPM Bolt-In for HTCC Ported S.E. Heads |
| TW408G | 24 / 44 46 / 22 | 248 248 | .650 .650 | .218 .200 | Super High Torque, 95 to 140 inch Gear Drive Only |
| TW62G | 31 / 51 53 / 29 | 262 262 | .652 .652 | .249 .248 | Twin Cam (Gear Drive Only) Street version of TW68G |
| TW68G | 30 / 58 62 / 26 | 268 268 | .678 .678 | .260 .226 | Twin Cam 95 ci Class WINNER 03-08 Daytona Shootout |
| TW72G | 34 / 54 56 / 32 | 268 268 | .720 .720 | .286 .265 | Twin Cam 95 ci Class WINNER 03-08 Daytona Shootout |
| TW75G | 34 / 62 66 / 30 | 276 276 | .750 .750 | .285 .252 | Twin Cam Unlimited Class WINNER 09-08 Daytona Shootout |

Smoke the Competition!

With Genuine Wood Performance Products!



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Wood Performance Carburetors

010506

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Leave the "Designer Jeans" to the Girls!



...EXCLUSIVELY from WOOD PERFORMANCE...

KNIGHT PROWLER® "Designer Series" Cams for YOUR Special Bike!

Designer Cams for Sportster, EVO and Shovelheads

Wood Performance will design camshafts specifically for

Your Custom Ride with the specifications to produce the horsepower and torque that it Demands!

These gear-driven cams, available for Sportster, EVO and Shovelhead Engines will be individually custom designed by Wood Performance with lift and duration numbers created to produce maximum horsepower and torque specifically for use in Your Custom Engine!

Listed below are the latest Designer Cams for Sportster, EVO and Shovelhead's

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Application |
|-------|-------------|---------------|------------|----------|--|
| W8S | 19 / 47 | 246 | .590 | .183 | Sportster 5 Spd XL |
| | 49 / 17 | 246 | .590 | .176 | |
| W9BS | 22 / 50 | 252 | .630 | .208 | Sportster 5 Spd XL |
| | 52 / 20 | 252 | .630 | .191 | |
| W68S | 30 / 58 | 268 | .678 | .260 | Sportster 5 Spd XL |
| | 62 / 26 | 268 | .678 | .226 | |
| W6HE | 20 / 40 | 240 | .631 | .196 | Max Torque – Short Duration, High Lift EVO |
| | 42 / 18 | 240 | .631 | .177 | |
| W6HF | 24 / 44 | 248 | .650 | .218 | Monster Torque, 80 - 140 inch EVO |
| | 46 / 22 | 248 | .650 | .200 | |
| W10F | 24 / 52 | 256 | .750 | .225 | EVO 80" - 140" Super Hi-Lift Short Duration Street Cam for Pro's Only Low TDC's!! Easy Install!!! |
| | 54 / 22 | 256 | .750 | .202 | |
| W62 | 31 / 51 | 262 | .652 | .249 | For EVO - Street version of Twin Cam TW68G |
| | 53 / 29 | 262 | .652 | .248 | |
| W68 | 30 / 58 | 268 | .678 | .260 | EVO Duplicate of Twin Cam 95" Class Winner 03-08 DAYTONA SHOOTOUT |
| | 62 / 26 | 268 | .678 | .226 | |
| W72 | 34 / 54 | 268 | .720 | .286 | EVO Duplicate of Twin Cam 95" Class Winner 03-08 DAYTONA SHOOTOUT |
| | 56 / 32 | 268 | .720 | .265 | |
| W75 | 34 / 62 | 276 | .750 | .285 | EVO Duplicate of Twin Cam 95" Class Winner 03-08 DAYTONA SHOOTOUT |
| | 66 / 30 | 276 | .750 | .252 | |
| WS6 | 20 / 40 | 240 | .510 | .189 | 1978 thru 1984 Shovelhead Engines |
| | 42 / 18 | 240 | .510 | .178 | |

Smoke the Competition!

With Genuine Wood Performance Products!



KNIGHT PROWLER®
Wood Performance Carburetors

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KNIGHT PROWLER®

Twin Cam Camshafts

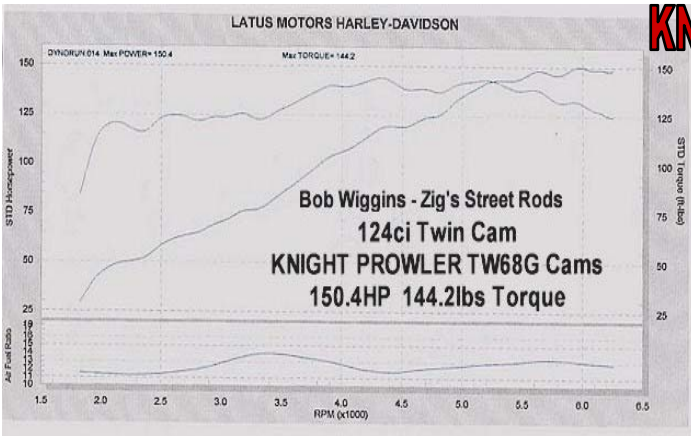
90HP
to
150HP+



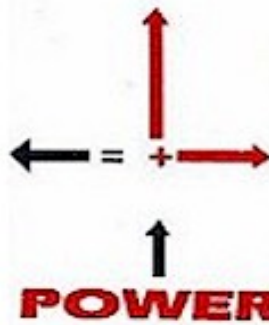
88ci
to
150ci

Bob Wood - 2 time NHRA National Record Holder / Fuel Funny Car, Designer / Innovator of the popular King Carburetors and Famous KNIGHT PROWLER Cams, Introduces the most advanced, aggressive camshaft profiles for H.D. Twin Cam Engines available anywhere. . .

These are the most **POWERFUL** Streetable camshafts in America. With mods to your existing HD, Heads-Carb-Ign, etc. - A mild 90HP to a Street Prowling 140+ Horsepower can be yours at the twist of your throttle!



KNIGHT PROWLER CAMS



Wood Performance Carburetors

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Gear



Drive

KNIGHT PROWLER® CAMS

More than two years of testing and development went into these one-of-a-kind Gear Driven Cams manufactured by Andrews Products for our Award Winning *Knight Prowler* Cams.

As we all know, gear drives require less power to operate than chain drives.

Dyno test results show gains of 4 horsepower over similar engines with chain driven cams.



| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|--------|----------------|------------------|--------------|--------------|-----------|---|
| TW-6G | 20/40 42/18 | 240 240 | .510 .510 | .189 .178 | Stock | Bolt in street/touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| TW-6HG | 20/40 42/18 | 240 240 | .590 .590 | .194 .176 | High Lift | New for 2001-88 & 95 cu.in. & larger-more torque than any cam available anywhere! |
| TW-8G | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best torque - High performance cam available. Aggressive ramps - High Lift - 110+ H.P. Light/Heavy bike |
| TW-9G | 22/50 52/20 | 252 252 | .580 .580 | .205 .187 | HI LIFT | 88 - 120 cu. in.+ Hot Bar Hopper - Bolt-In with S.E. Heads - Loves 3.37 Gear Ratio |
| TW-9BG | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real Twin-Cam Boss - 130 H.P. & 144 lbs of torque on 95 cu. in. with Rebel 435 Carb. |
| TW-9FG | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1 Knight Prowler Street cam 95-130 cu. In. for the Real Bad Street Bike |
| TW72G | 34/54 56/32 | 268 268 | .720 .720 | .286 .265 | HI-LIFT | The "ULTIMATE" KNIGHT PROWLER It Doesn't Get Any Better |

Wood Performance Carburetors

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KNIGHT PROWLER®

EVO Camshafts

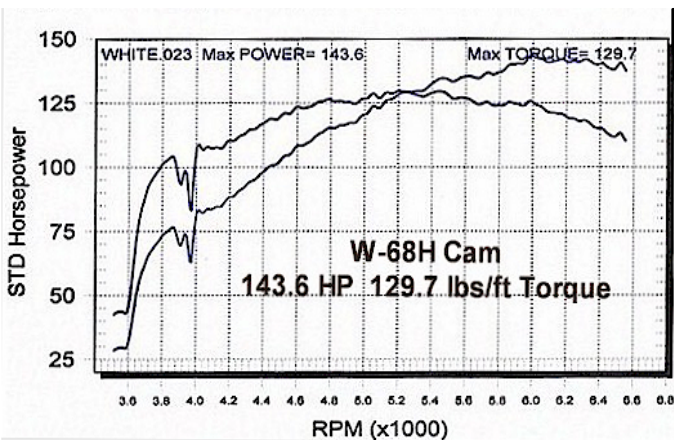
**112HP
to
143HP**



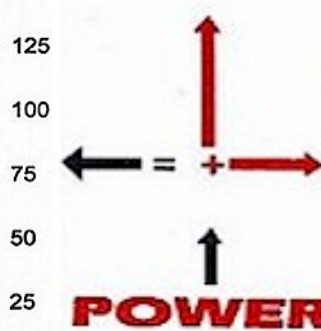
**80ci
to
113ci**

Bob Wood - 2 time NHRA National Record Holder / Fuel Funny Car, Designer / Innovator of the popular King Carburetors and Famous KNIGHT PROWLER Cams, Introduces the most advanced, aggressive camshaft profiles for H.D. Evolution Engines available anywhere. . .

These are the most **POWERFUL** Streetable camshafts in America. With mods to your existing HD, Heads-Carb-Ign, etc. - A mild 112HP to a Street Prowling 143+ Horsepower can be yours at the twist of your throttle!



KNIGHT PROWLER CAMS



Wood Performance Carburetors

3440 Martin Street South, Ste 6 - Cropwell, AL 35054 - 205-525-4949 - Fax 205-525-4940



KNIGHT PROWLER CAMS

**80HP
to
150HP+**



**80ci
to
150ci**

| Part # | .053 Timing | .053 Duration | Valve Lift | Lift TDC | Springs | Application |
|----------------------------|--------------------|---------------|--------------|--------------|---------|---|
| W6 TW6 | 20/40 42/18 | 240 240 | .510 .510 | .189 .178 | Stock | Bolt in Street/Touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| TW408-48 | 24/44 46/22 | 248 248 | .510 .510 | .211 .197 | Stock | NEW FOR 99 thru 06 HOT ROD BOLT IN!! Stock heads,springs Stock to 11.1 C/R |
| TW408-65 | 24/44 46/22 | 248 248 | .650 .650 | .218 .200 | HI-LIFT | NEW!!! SUPER HIGH TQ & HP FOR 1999-2006 using old style chains or SE chain Conversion kit |
| W6H TW6H | 20/40 42/18 | 240 240 | .590 .590 | .192 .179 | HI-LIFT | New for 2000 - Most advanced powerful torque cam available anywhere. 80 ci. Well over 100 lbs torque |
| W7 | 22/46 48/20 | 248 248 | .500 .500 | .196 .184 | Stock | Bolt-In 2000 through 6000 RPM. Great Sound@ Quick Ramps - Hot Street Cam |
| W8 TW8 | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best torque - High performance cam available. Aggressive ramps - High Lift - 90+ H.P. Light/Heavy bike |
| W9 | 22/50 52/20 | 252 252 | .580 .580 | .205 .187 | HI-LIFT | 80 in. - 113.9 Horsepower Winner - 1997 Daytona Dyno Shootout |
| W9B TW9B | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real EVO Boss - 117 H.P. 80 c.i. Daytona 1997 Twin-Cam Boss - 125 H.P. & 116 lbs Torque, 95ci |
| W9F TW9F | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1 Knight Prowler Street Cam 80-130 in. for the Real Bad street bikes |
| W10F | 24/52 54/22 | 256 256 | .750 .750 | .225 .202 | HI-LIFT | EVO - 80" thru 140" Super Hi-Lift Short Duration Street Cam for Pro's Only - Low TDC's!! Easy Install!! |
| W62 TW62G | 31 / 51 53 / 29 | 262 262 | .652 .652 | .249 .248 | HI-LIFT | EVO / Twin Cam (Gear Drive) Street Version of TW68G |
| W68 TW68G | 30 / 58 62 / 26 | 268 268 | .678 .678 | .260 .226 | HI-LIFT | EVO / Twin Cam (Gear Drive) Winner 03-08 Daytona Shootout |
| W72 TW72G | 34 / 54 56 / 32 | 268 268 | .720 .720 | .286 .265 | HI-LIFT | Twin Cam 95 ci Class WINNER 2004 Daytona AMI Shootout |

- For best overall performance we recommend using a Andrews 30 tooth transmission pulley on any bike with any type camshaft! W-9 or W-9B cams & any high compression engines should use at least 3.37 ratio or higher
- Recommend using the time saver pushrods on all camshafts for easier installation

Special Note: Please call tech Department for any questions/information you need regarding your selection of a camshaft. We Will Take Time to fully inform you on what combination you need for your bike. We take personal pride in knowing that our customers are the most informed and satisfied riders on the road. No more "Lost in the Cam Fog" feeling when you speak with us. Just Knowledge

Wood Performance Carburetors

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KNIGHT PROWLER®



EVO Lifters



Wood Performance has stepped up to the plate to design and produce another first! A very unique hydraulic roller lifter made exclusively for EVO engines.
100% American made.

- New Load Divider lifter bearing race designed to distribute an even load across the cam lobes. This feature reduces heat and stress that leads to increased cam and lifter life.
- A newly designed push rod Lifter Cup that insures even, proper oil flow through the pushrod to the top end.
- New hydraulic Piston Cup and Check Valve that increase bleed time rate. This corrective action gives you performance like a solid lifter but with Anti-Pump Up hydraulic operation.



KNIGHT PROWLER®

Wood Performance Carburetors

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KNIGHT PROWLER®

ShovelHead Camshafts



Years of listening to our Shovelhead enthusiasts and their performance needs have prompted us to release our famous High Torque KNIGHT PROWLER W-6 Cam profile for all 1978 thru 1984 Shovels!

They can now enjoy all the torque, horsepower and throttle response evolvers have enjoyed for the past 15 years.



KNIGHT PROWLER®

The most POWERFUL Streetable camshafts in America.

Wood Performance Carburetors

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Wood Performance Carburetors

KNIGHT PROWLER® Valve Springs

For ALL 2005 - 2017 Twin Cam Only

W160-PSW-7L



Outside Dia = 1.400

1.900 = 170 lbs

1.875 = 178 lbs

1.850 = 187 lbs

1.300 = 368 lbs

1.230 = Coil Bind

STOP! Stock 2005 & up T-Cam Heads are different from 2004 and earlier heads. Valve Springs are BeeHive type with only 130lbs on the seat and have 7mm valve stems. 1.800 Int and 1.575 Ex valves **That Rotate Inside the Valve Locks.**

Yes – We did it again and again for 2005!!

Wood Performance and Only Wood Performance has stepped up to the plate to give our customers the absolute latest and best kept secrets in NASCAR valve train technology, and incorporated it into our latest W160-PSW-7L KNIGHT PROWLER® Valve Springs.

1. Advanced 1200 series heat-treating process
2. Additional 1500 series nitriding process
3. PSW Proprietary multi-step surface enhancement process for endurance
4. Proprietary Wood Performance 7deg, 7mm single groove Posi-Lock valve keepers
5. 7deg, 7mm Titanium Posi-Lock retainers (**no valve rotation in valve locks**)
6. Plug & Play springs handle .600 lift and still have .060+ seal to retainer clearance.
7. **No shims or cutting of valve guides required – Uses stock seals and spring seat**



KNIGHT PROWLER®

Wood Performance Carburetors

062205

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Wood Performance Carburetors

KNIGHT PROWLER® Valve Springs

W160-PSW-10L

Outside Dia. = 1.445
1.850 = 160 lbs
1.800 = 180 lbs
1.775 = 190 lbs
1.200 = 430 lbs
1.040 = Coil Bind



W188-1200-10L

Outside Dia. = 1.445
1.850 = 188lbs.
1.825 = 198lbs.
1.800 = 208lbs.
1.200 = 450lbs.
1.060 = Coil Bind

EVO or TWIN-CAM

Bob Wood of Wood Performance Carburetors, an innovator of the KNIGHT PROWLER® CAMSHAFTS, is a 2-time NHRA national record holder, Fuel Funny Cars etc. He spent over two years in research and testing trying to find valve springs that were specifically designed for EVO/TWIN-CAM bikes including his own KNIGHT PROWLER® CAMS. There weren't any out there to meet our criteria.

We needed a special valve spring that would meet every possible condition they were exposed to. From a simple BOLT-IN application, every day street and tour rider, to a ground-pounding, tire-smoking EVO/TWIN-CAM using a .750 lift KNIGHT PROWLER® CAM for maximum street performance.

Indeed our research paid off when we discovered the coveted, well kept secret of what particular type of valve springs are being used by most Winston Cup race teams, including the national champ. It doesn't take a rocket scientist to figure out that a valve spring that can run 8,500 rpm + with high lift cams for 500 miles with no signs of fatigue would be perfect for 99.99% of our customers.

Yes, we needed this particular spring to be redesigned for our KNIGHT PROWLER® CUSTOMERS. The results are ENDURANCE and LONG LASTING performance with absolutely NO LIMITATIONS.

1200 SERIES

As spring technology progresses, a very new and unique heat treat process has been added to our Famous KNIGHT PROWLER® High Lift Valve Springs. Realizing the demand for higher lift cams was on the rise, we had PSI incorporate this new process into our new 1200 Series springs. An unparalleled result yielded a 250% increase in strength and durability over our already unmatched W160 Springs. We realize that these springs are an overkill for the average hot rod Harley.

However, like time, things change. The demand for bigger engines, higher compression and high lift cams is here to stay! High Lift-Short Duration cams are our "Exclusive Signature". Keeping our KNIGHT PROWLERS Number One is our main goal – and Yes a new super high lift (.750) KNIGHT PROWLER® has just been released, and is on the prowl now!

All of our KNIGHT PROWLER® valve springs come with custom made (to our specifications) titanium retainers with a special .070 inner-spring shelf and a zero fit inner and outer spring register. They are topped off with 10° valve locks that can be used with or without lash caps. Also included are steel heat-treated stock diameter spring seats.



KNIGHT PROWLER®

Wood Performance Carburetors

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Wood Performance Carburetors

NEW!

NEW!

W-200-1200-10L

KNIGHT PROWLER® VALVE SPRINGS



EVO or TWIN-CAM

W200-1200-10L

Outside Dia. = 1.475

1.850 = 200lbs.

1.825 = 210lbs.

1.800 = 220lbs.

1.200 = 450lbs.

1.020 = Coil Bind

Yes! We Did it Again!

Requests for 200 horsepower cams and valve springs for large cubic inch Harleys just keep pouring in! As we all know, our competition has never even reached the 150 HP level we reached last year, for street bikes on pump gas. KNIGHT PROWLERS Never Sleep!

In order to meet future challenges we decided to release our new, Huge .750 Lift cams with 276° duration that will again keep KNIGHT PROWLER® Cams the absolute leader for high performance street bikes for quite some time.

In order to meet this new challenge, our KNIGHT PROWLER® Cams needed a new type of valve spring to control these fast ramp-high lift cams that never seem to run out of power.

Every spring that is manufactured for our KNIGHT PROWLER® Cams comes from PSI with wire that is made from the highest quality Chrome-Silicone alloys. The hard to find rod material for these alloys is 100% Kobe steel, long considered necessary to manufacture the cleanest, purest valve spring available in the world.

Max Life Surface Preparation

KNIGHT PROWLER® Valve Springs have an optional, proprietary, multi-step, surface enhancement process that has been proven to increase a spring's endurance limit. This process can be applied to any level of the KNIGHT PROWLER® series of springs. It is a very beneficial process for those looking for an increase in endurance while maintaining their existing setup.

See our "Designer Cams" catalog page for camshaft specifications



KNIGHT PROWLER®

Wood Performance Carburetors

010104

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KNIGHT PROWLER VALVE SPRINGS

Announcing Another 1st!

UNCONDITIONAL LIFETIME WARRANTY

**Over 16 years of Over-the-Road testing by thousands of EVO
and Twin Cam Engines with valve lifts of up to .750 lift
has resulted in**

**NOT ONE SINGLE REPORTED FAILURE OR LOSS OF
SEAT PRESSURE WITH ANY KNIGHT PROWLER
VALVE SPRING!**

**WE DON'T COPY
AND WE DON'T IMITATE!**

**WE ARE THE ORIGINATORS OF KNIGHT PROWLER HIGH
LIFT CAMS AND VALVE SPRINGS FOR HD ENGINES.**



Innovation by Imagination

KNIGHT PROWLER®

Belt Drive



US PATENT No. 7665436

Like our Prowling Panther. . .

STRONG



SILENT

Innovation by Imagination

. . .not Imitation

KNIGHT PROWLER[®]

Belt Drive

US PATENT No. 7665436



New proprietary 5mm Super High Torque CARBON FIBER REINFORCED BELT, designed and manufactured by Goodyear exclusively for our Knight Prowler Silent Belt Drive

Like our Prowling Panther. . .

STRONG



SILENT

Innovation by Imagination

. . .not Imitation

KNIGHT PROWLER®



2006 DYNA

Twin Cam

**07-17 ALL
except Milwaukee 8**

Belt Drive / Gear Drive Cams

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|------------|--------------------|------------------|--------------|--------------|---------|--|
| BW-6BG-7 | 20/40 42/18 | 240 240 | .510 .510 | .191 .173 | Stock | Bolt in street/touring. Very strong from idle through 5500 RPM. Light or heavy bike. |
| BW-7HBG-7 | 20/40 42/18 | 240 240 | .575 .575 | .194 .176 | HI-LIFT | New for 2006 – 2010 Bolt-In Super High Torque for SE Performance Heads |
| BW-8BG-7 | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best Bar Hopping - High performance cam available. Aggressive ramps - High Lift - 96 to 114 cubic inch |
| BW-9BBG-7 | 22/50 52/20 | 252 252 | .630 .630 | .208 .191 | HI-LIFT | The Real Twin-Cam Boss for 96 thru 124 ci – Minimum 10.5 cr |
| BW-9FBG-7 | 24/52 54/22 | 256 256 | .650 .650 | .220 .201 | HI-LIFT | HOT-HOT-#1 Knight Prowler Street cam 95-130 cu. In. for the Real Bad Street Bike |
| BW-400BG-7 | 22/42 44/20 | 244 244 | .650 .650 | .210 .190 | HI-LIFT | Maximum Torque, 2000RPM & Up Bolt-In for SE Ported & 103+ Heads |
| BW-408BG-7 | 24/44 46/22 | 248 248 | .650 .650 | .218 .200 | HI-LIFT | Hot Rod Cam for 96 thru 124 ci need gearing + 10.5 min CR |
| BW-68BG-7 | 30 / 58 62 / 26 | 268 268 | .678 .678 | .260 .226 | HI-LIFT | Twin Cam 95 ci Class WINNER 2003 Daytona AMI Shootout |

SPECIAL NOTES:

The KNIGHT PROWLER® cams listed above are for use with our new optional Super Quiet KNIGHT PROWLER® Helical Gears, or the standard S&S inner gears.

You may use any 2006 Dyna or 2007 thru 2009 Stock or SE cams with our KNIGHT PROWLER® Belt Drive System (using your existing inner roller link chain)

Contact Bob Wood



KNIGHT PROWLER®

Wood Performance Carburetors

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KNIGHT PROWLER®



1999

Twin Cam

2006
Except Dyna

Belt Drive / Gear Drive Cams

| Part# | .053 Timing | Duration .053 | Valve Lift | Lift TDC | Springs | Application |
|----------|--------------------|---------------|--------------|--------------|---------|--|
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| BW-6HBG | 20/40 42/18 | 240 240 | .590 .590 | .194 .176 | HI-LIFT | New for 2006 – 2007 Super High Torque Gear Drive |
| BW-8BG | 19/47 49/17 | 246 246 | .590 .590 | .183 .176 | HI-LIFT | Best Bar Hopping - High performance cam available. Aggressive ramps - High Lift - 96 to 114 cubic inch |
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SPECIAL NOTES:

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You may use any 2006 Dyna or 2007 Stock or SE cams with our KNIGHT PROWLER® Belt Drive System (using your existing inner roller link chain)

Contact Bob Wood



KNIGHT PROWLER®

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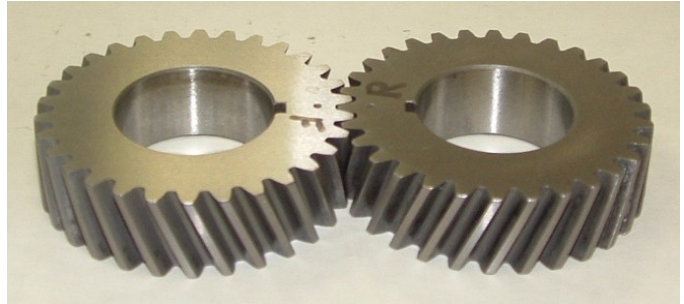
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KNIGHT PROWLER®



1999 **Twin Cam** **2006**

New Helical Twin Cam Gears



Helical gears have been around for some time and are not new to the automotive industry. Automotive transmissions have been using helical gears for decades for a smoother and quieter transmission. The motorcycle industry is just now beginning to realize the vast improvements gained by using helical transmission gear technology.

Helical designed gears function with less noise than traditional gear designs as they roll smoothly together, not producing the slapping sounds that are common with straight cut gears, not to mention the huge problem with slightly bent or out-of-round twin-cam crankshafts.

Being more complex and difficult to manufacture, helical gears are more expensive.

KNIGHT PROWLER Helical Gears are made only with aircraft quality 8620 steel. Besides being Ground to extremely close tolerances (.0001) The Helical teeth are Ground with a "CROWN". Meaning a Convex Crown of approximately .0002 is ground into each tooth on the rear cam gear that results in a much smoother and quieter engagement of the teeth. Bottom Line is "Silence is Golden!"

Thousands of phone calls over the years regarding whining or noisy gears prompted Wood Performance to re-evaluate the entire noise issue with twin cam engines, not to mention the huge problem with slightly bent or out-of-round twin-cam crankshafts.

Complicated? Maybe... but Wood Performance has a unique simple solution:
Belt drives on the external gears and helical gears on the inside.



KNIGHT PROWLER®

KNIGHT PROWLER®

" +4° Twin Cam Gear "

288015+4
1999 thru 2006



216020+4
2006 Dyna
2007 - All

Another Exclusive from Wood Performance

- Advances both cams 4 crankshaft degrees
- Higher cranking and running compression
- More torque & HP. . . Quicker
- Eliminates lost cam motion (Cams Retarding)
- Splined Cams or Keyed Cams
- No need for Gear Drives
- Fits any Stock or High Performance Cam
- Quick Install



Designed by Wood Performance for our

KNIGHT PROWLER CAMS®

Wood Performance Carburetors

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KNIGHT PROWLER®

Billet Offset Rocker Arm Support



ORS-2

Moves pushrod out .030 away and towards center of the pushrod tube.

As we all know a problem exists when the pushrod is at it's lowest and highest points, especially with high lift cams. Thanks to a good idea from Gary Williams & Company, these rocker arm supports move the pushrods away, thus eliminating the normal rubbing contact points between the pushrod tube and the pushrod. When using roller rocker arms with 7 millimeter stem valves, the problem gets worse as the roller rocker tip tries to roll off the forward edge of the tip of the valve stem. This additional .030 inward motion helps to eliminate this problem also.

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Wood Performance Carburetors Introduces The "KING"

NEW

**Leader in High
Performance
Dyno Tested
Carburetors**



NEW

**Maximum
Velocity
Street
Carbs**

- Bored and Blueprinted for Maximum Performance
- "Timed" Idle Transfer Slots – No more acceleration flat spots
- Custom FXRP Modified Fuel Curve
- Calibrated for your Harley – Stock or modified heads, cam, etc.

- Viton Needle ^ Seat. Will flow over 12 G.P.H.
- Mil-C-5541 Chemical Coating
- OEM Gaskets & "O" rings from James Gaskets
- Modified "MV" Slide
- Uses all Stock Throttle Cables, etc.
- Exchange or Outright

EVO and Twin Cam Fans!

40.5mm thru 43mm – Average 50 to 70+ M.P.G.
Guaranteed to Out-Perform any Aftermarket Carb

The KING needs Air

**High Flow Air Filter
designed by
Wood Performance
Exclusively for
our New Carbs**



**Over 100% More Flow than
"Screaming Eagle" Filters
Bolt On to Stock
Harley Hardware**



We offer additional High Performance, Dyno Tested Street- Proven
Power Packages: 70HP, 80HP, 90HP, 100HP Plus!

KNIGHT PROWLER®
Wood Performance Carburetors

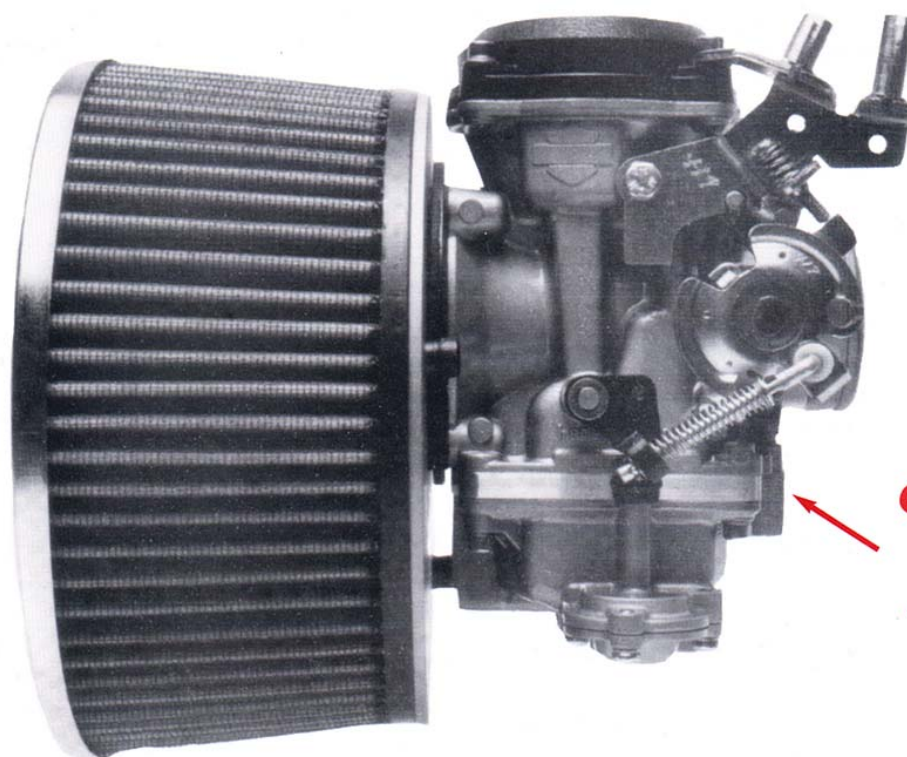
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Wood Performance Carburetors

The "KING" Has a New Kingdom to Rule!

43.5 mm CV CARB

**FLOWS
OVER
340
C.F.M.**



**K2
&
K3
FUEL
CURVE**

**HIGH
CAPACITY
FLOAT
BOWL
KIT**

"REBEL 435" RACE PAK

- 43.5 mm CARB – NEW
 - HIGH CAPACITY BOWL KIT
 - HIGH FLOW FUEL INLET
 - 340 C.F.M. AIR PACKAGE
 - KT3 FUEL CURVE
 - TUNED FOR "YOUR" BIKE
- Options:
- JK-1 Max Jet Kit (7 Jets)
 - Pilot Jet

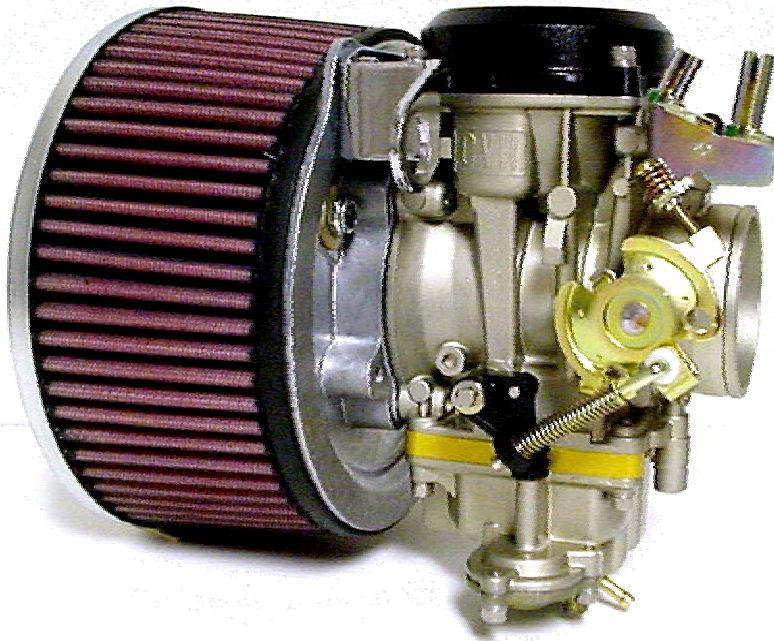


***KNIGHT PROWLER*®**

Wood Performance Carburetors

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Wood Performance Carburetors



SUPER KING "505"

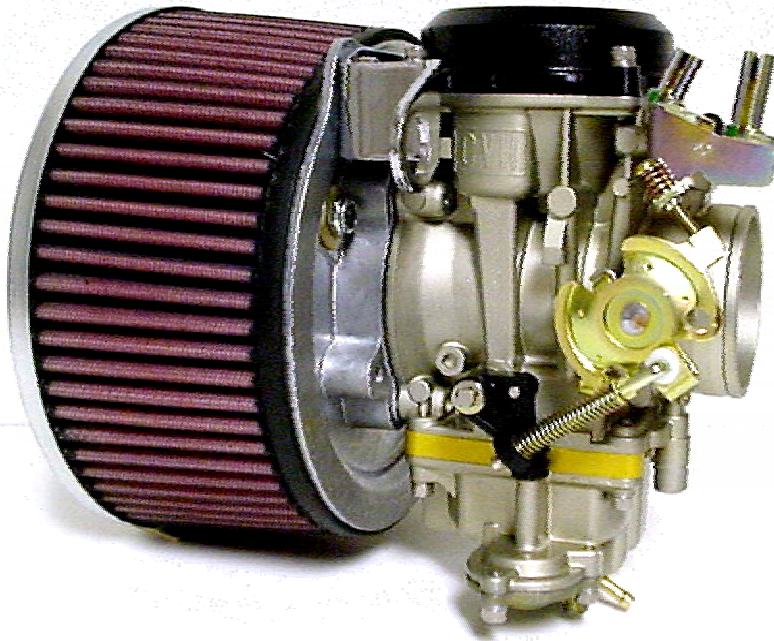
Biggest Street Carb on the Market!

**We've Taken the New 51mm
CV Carb and made it Bigger!!**

**The Battle to be the Baddest
Bike on the Block never stops!
Like our KNIGHT PROWLER[®] Cams,
Always on the Prowl, their Hunt
for More Horsepower has been found with
the New SUPER KING "505"**

[See Page 2 for Features and Options](#)

Wood Performance Carburetors



SUPER KING "505"

Features and Options

SK505 Super King Carb Includes the following:

- 29925-02 New Carburetor
- HCK-2 High Capacity Float Bowl Kit
- KT5 Titanium Fuel Needle
- MJ5 Max Jet Holder
- JK5 .092 thru .100 Main Jets
- KF325-5 Air Kit – 340cfm Filter

Options:

- 29815-02 S.E. Intake Manifold with Flanges, Seals and Bolts
- KNIGHT PROWLER® HIGH VOLUME Intake Manifold with flanges, seals and bolts (Available 6-1-03)
- K505CS – Bored, Calibrated & Blueprinted K505 when customer supplies new S.E. carburetor, complete kit

Wood Performance Carburetors

Hi Capacity Float Bowl Kit



Wood Performance Carburetors, manufacturer of the **KING CV CARB** has put the “CV” in front again with the addition of a **HI CAPACITY FLOAT BOWL KIT**. The only one of its kind! Now allows 50% more fuel in the carb bowl! We also addressed the “Jet” problem in regards to Keihn’s limited jet sizes. Our flowed “MAX JETS” come in .001 increments, for very precise fuel curve tuning. For the stock fans – you can still use Keihn jets.

Also available is a **HIGH FLOW FUEL INLET** – 20% larger for 5/16” fuel hose.

These HIGH CAPACITY fuel kits are bolt-on with no modifications to the existing carb!

We can proudly boast our CV Carbs for over 8 years now and on dynos all over the country – have made over 100+ HP consistently with stock H.D. intake – coil – ignition wires and H.D combustion chambers – all with 80 cu. In.

”Stock or High Performance”

When you need more HP and Torque... you must add “more fuel and air”

America's #1 King of the Streets

or whatever road you choose! KING & REBEL Carbs and Air Packages are the absolute master. There is no system available that will flow the air and fuel you need for that 50 thru 140+HP – and its available with the KING and REBEL Carburetor System.



KNIGHT PROWLER ®

Wood Performance Carburetors

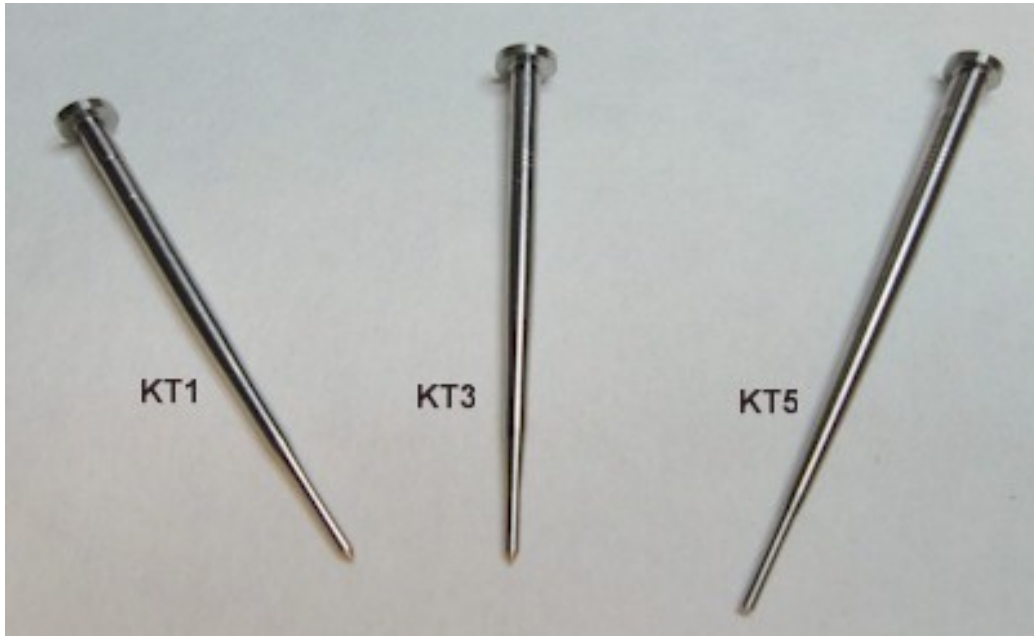
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KNIGHT PROWLER®

"K Series"

Maximum Performance Titanium Fuel Needles



130+ H.P. Twin Cams

113+ H.P. 80 in EVOS

Our "KT Series" Titanium Fuel Needles for ALL CV Carbs
Mate these with our KNIGHT PROWLER® King or Rebel Carbs
High Capacity Bowl Kits - Max Jet System and Air Package

WOOD PERFORMANCE CARBURETORS
3440 Martin Street South, Suite 6 - Cropwell, AL 35054 - 205-525-4949
www.woodcarbs.com

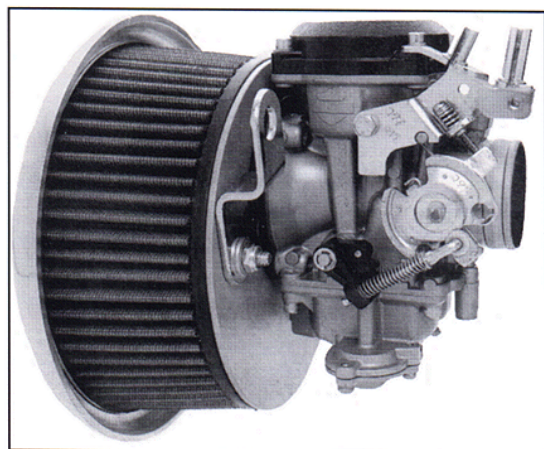
Wood Performance Carburetors

King of High Flow Air Filters



When you need more horsepower and torque... you must add more fuel and air!
designed by Wood Performance Carburetors for our
KING & REBEL Carbs and KNIGHT PROWLER Cams

Manufactured by K&N Engineering – the Max Flow filters will handle from 50 to 140+HP
They are available as a complete air package using your original cover or with a special High Flow cover from Wood Performance. The KF325 is a “must” for 100HP+ HD EVO engines.
The KF250 is designed for 50 thru 78HP, the KF275 for 78 to 90HP and KF300 for 90+ HP.
To set the record straight – these High Flow air packages were designed by Wood Automotive in 1995 – Manufactured to Wood specifications and are distributed exclusively through Wood Performance to dealers worldwide.



New
8 Inch High Performance Cover

America's #1 King of the Streets

or whatever road you choose! KING & REBEL Carbs and Air Packages are the absolute master. There is no system available that will flow the air and fuel you need for that 50 thru 140+HP – and its available with the KING and REBEL Carburetor System.



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Wood Performance Carburetors

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Wood Performance Carburetors

High Performance Filter Covers



CHROME BILLET COVERS



BLACK BILLET COVER



8 Inch High Performance Cover

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or whatever road you choose! KING & REBEL Carbs and Air Packages are the absolute master. There is no system available that will flow the air and fuel you need for that 50 thru 140+HP – and its available with the KING and REBEL Carburetor System.



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SUPER "IN THE WIND" OIL COOLERS



Dual 10 Row JAGG

The first MANDATORY RULE
for any stock or high performance Harley®
YOU MUST CONTROL ENGINE OIL TEMPERATURE

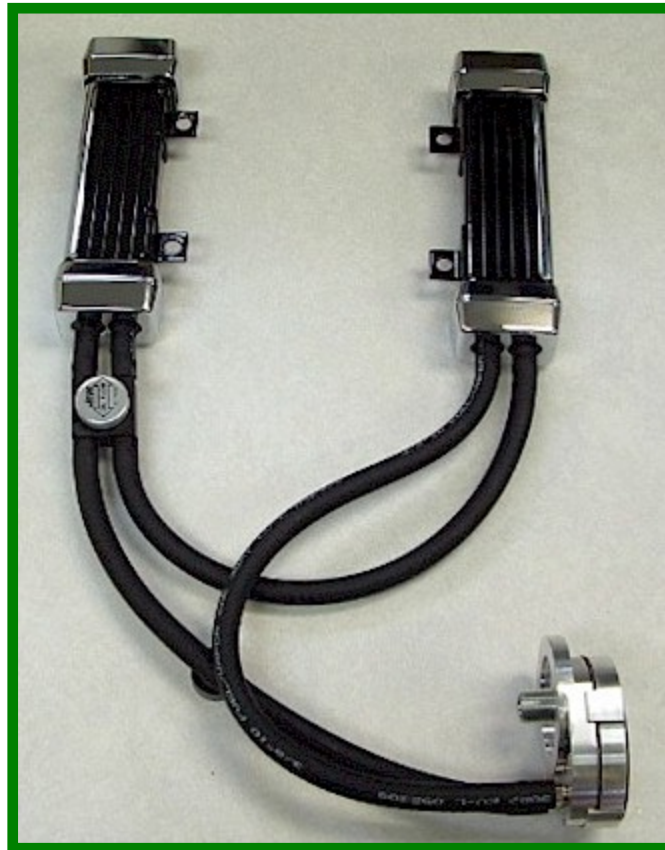
***KNIGHT PROWLER*®**

COOLERS

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DUAL JAGG OIL COOLERS

For "Large Displacement" Twin Cam engines



Don't get caught out there with
250 degree + oil temps

An Absolute MUST for ALL Hot Rod Twin Cams

Lower your oil and cylinder head temperature **30 to 50 degrees**



COOLER

Double Protection



KNIGHT PROWLER ®

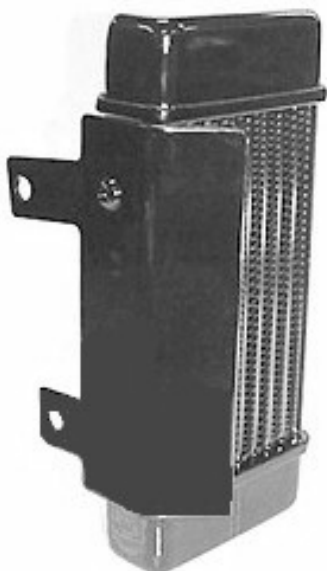
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High Compression Secrets?

Deluxe Oil Coolers



**2000 Series 10 Row Heavy Duty
with Aerodynamic Wing for
Maximum Cross-Section Air Flow**



**1000 Series Deluxe Oil Cooler Kit
with Offset Oil Filter Adapter and
Bypass Valve**

You Can't Hide this. . .

***High Compression KNIGHT PROWLER[®] equipped bikes
won't leave home without it!***

An Absolute MUST for Any High Compression Harley



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Wood Performance

High Performance Compression Releases



An absolute must for High Compression Harley's

Another fact of life besides death and taxes: Sooner or later you're going to blow your starter clutch and/or starter drive out while attempting a hot-restart on your Hot Rod Harley, just ask around!

Recognizing this fact, Wood Performance has designed the ultimate compression release featuring the largest "Dual Channel" air release ports available.

- Extra Tall
- Easy to Reach

WCR-1

- Large Contact Stem
- Short Thread Length

America's #1 King of the Streets



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KNIGHT PROWLER®

DESIGNER "VC/R" PISTONS



VC/R KNIGHT PROWLER® DESIGNER PISTON SPECS

- A. 2.230" Valve relief pockets**
- B. .212" Valve relief depth (.050 deeper) (.063 radius)**
- C. 1/16" Top ring, 1/16" second ring, 3/16" oil ring**
- D. Proprietary Wiseco Piston Skirt Coating**

Innovation by Imagination
...not Imitation

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KNIGHT PROWLER®

DESIGNER "VC/R" PISTONS

"Variable Compression Ratio" Chart

| VC/R | Head Gasket .045 (8.75cc) | Head Gasket .040 (7.77cc) | Head Gasket .030 (5.83cc) |
|----------------|--|---|--|
| | Dome Ht (Dome Vol) | Dome Ht (Dome Vol) | Dome Ht (Dome Vol) |
| 11:1 | VC/R Ratio 11:1 .230 (16.6cc) | VC/R Ratio 11.15:1 .230 (16.6cc) | VC/R Ratio 11.4:1 .230 (16.6cc) |
| 10.75:1 | VCR 10.75:1 1.99 (14.6cc) | VCR 10.9:1 .199 (14.6cc) | VCR 11.15:1 .199 (14.6cc) |
| 10.5:1 | VCR 10.5:1 .168 (12.4cc) | VCR 10.6:1 .168 (12.4cc) | VCR 10.85:1 .168 (12.4cc) |
| 10.25:1 | VCR 10.25:1 .144 (10.3cc) | VCR 10.4:1 .144 (10.3cc) | VCR 10.6:1 .144 (10.3cc) |
| 10:1 | VCR 10:1 .109 (7.8cc) | VCR 10.1:1 .109 (10.8cc) | VCR 10.2:1 .109 (10.8cc) |

Notes:

1. VC/R Ratios are based on 95", 3.875" bore and 4.00" Stroke
2. VC/R Ratios are based on 85cc combustion chamber
3. VC/R Ratios and piston specs based on "0" deck piston height
4. Dome height volumes are net CC volumes
5. We Machine Domes to match your desired compression ratio

VC/R KNIGHT PROWLER® DESIGNER PISTON SPECS

- A. 2.230" Valve relief pockets
- B. .212" Valve relief depth (.050 deeper) (.063 radius)
- C. 1/16" Top ring, 1/16" second ring, 3/16" oil ring
- D. Proprietary Wiseco Piston Skirt Coating

*Innovation by Imagination
...not Imitation*

WOOD PERFORMANCE

CONFIDENTIAL DEALER PRICE LIST

EVO CAMSHAFTS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------------------|---------------------------|----------|-------|
| W-6, W-7, W-8, W-9 | EVO | \$250.00 | |
| W-6H | EVO | \$250.00 | |
| W-9B | EVO | \$360.00 | |
| W-9F | EVO | \$360.00 | |
| W-10F | EVO | \$360.00 | |
| W-68 | EVO | \$360.00 | |
| W-72 | EVO | \$360.00 | |
| W-75 | EVO | \$360.00 | |
| Special Order – 5120 | Billet (to your specs) | \$560.00 | |

CHAIN DRIVE TWIN 88 CAMS 1999-2006

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|-----------|---------------------------|----------|-------|
| TW-6 | TWIN CAM 1999-2006 | \$420.00 | |
| TW-408-48 | TWIN CAM 1999-2006 | \$480.00 | |
| TW-408-65 | TWIN CAM 1999-2006 | \$480.00 | |
| TW-6H | TWIN CAM 1999-2006 | \$420.00 | |
| TW-8 | TWIN CAM 1999-2006 | \$420.00 | |
| TW-9 | TWIN CAM 1999-2006 | \$480.00 | |
| TW-9B | TWIN CAM 1999-2006 | \$480.00 | |
| TW-9F | TWIN CAM 1999-2006 | \$480.00 | |

CHAIN DRIVE TWIN CAMS 2006 Dyna & Up

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|-----------|---------------------------------------|----------|-------|
| TW-5-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-222 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-555 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-777 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-888 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-999-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-999-6A | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-7H | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-8-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-9-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |
| TW-9B-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-9F-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-10F-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-62-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-68-7 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-400-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-408-6 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-408-44 | CHAIN DRIVE TWIN CAM 2006 DYNA – 2017 | \$420.00 | |

GEAR DRIVE TWIN CAMS 2006 Dyna & Up

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------------------|--------------------------------------|----------|-------|
| TW-6G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-7HG-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-8G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$480.00 | |
| TW-9BG-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-9FG-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-10FG-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-400G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-408G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-68G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$510.00 | |
| TW-75G-7 | GEAR DRIVE TWIN CAM 2006 DYNA – 2017 | \$550.00 | |
| 33-4285 Gear Drive | 2006 DYNA – 2017 Gear Drive | \$610.00 | |
| 106-6068 Install Kit | 2006 DYNA – 2017 Install Kit | \$65.00 | |

WOOD PERFORMANCE

CONFIDENTIAL DEALER PRICE LIST

+4 DEGREE CAM ADVANCE GEAR

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|---------------------------|---------------------------|----------|---------|
| *288015 Stock | CAM GEAR | \$90.00 | Splined |
| *288010+4 | CAM GEAR | \$125.00 | Keyed |
| *288015+4 | CAM GEAR | \$125.00 | Splined |
| *216020+4 | CAM GEAR | \$125.00 | Splined |
| * When purchased with Cam | | \$125.00 | |

KNIGHT PROWLER & WM8 VALVE SPRINGS - Lifetime Warranty

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|---------------|---------------------------|----------|----------|
| W160-PSW-7L | 2005-2017 Twin Cam Only | \$360.00 | |
| W160-PSW-10L | EVO & 1999-2004 TWIN CAMS | \$360.00 | |
| W188-1200-10L | | \$360.00 | |
| W200-1200-10L | | \$360.00 | |
| BW-4V | Milwaukee 8 Valve Springs | \$425.00 | WM8 Only |

GEAR DRIVE TWIN CAMS 1999-2006 (EXCLUDING 2006 Dyna)

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|--------|-------------------------------|----------|-------|
| TW-6G | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-6HG | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-8G | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-9BG | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-9FG | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-68G | 1999-2006 Gear Drive Twin Cam | \$460.00 | |
| TW-72G | 1999-2006 Gear Drive Twin Cam | \$550.00 | |

GEAR DRIVES

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------|----------------------------|----------|-------|
| 33-4275 | Gear Drive 1999-2006 only | \$640.00 | |
| 288908 | Gear Drive 1999-2006 only | \$550.00 | |
| 33-4285 | Gear Drive 2007 & Up | \$610.00 | |
| 106-5896 | Install Kit 1999-2006 only | \$65.00 | |
| 288901 | Install Kit 1999-2006 only | \$65.00 | |
| 106-6068 | Install Kit 2007 & Up | \$65.00 | |
| WGD-1 | 2° & 4° Advance Key Set | \$90.00 | |

DESIGNER CAMS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|--------------------------|--------------------------------|----------|-------|
| *SHOVELHEAD | | | |
| W-6S | ShovelHead 1978-1984 | \$340.00 | |
| *SPORTSTER | | | |
| W-8S | **Sportster 1991-1999 | \$460.00 | |
| W-9BS | **Sportster 1991-1999 | \$460.00 | |
| W-68S | **Sportster 1991-1999 | \$610.00 | |
| *EVOLUTION | | | |
| W-6HE | Evolution Cam | \$360.00 | |
| W-6HF | Evolution Cam | \$360.00 | |
| W-62 | Evolution Cam | \$360.00 | |
| W-68 | Evolution Cam | \$360.00 | |
| W-10F | Evolution Cam | \$380.00 | |
| *GEAR DRIVE 99-06 | | | |
| TW-10FG | Gear Drive Twin Cams 1999-2006 | \$510.00 | |
| TW-62G | Gear Drive Twin Cams 1999-2006 | \$510.00 | |
| TW-75G | Gear Drive Twin Cams 1999-2006 | \$510.00 | |
| TW-400G | Gear Drive Twin Cams 1999-2006 | \$510.00 | |
| TW-408G | Gear Drive Twin Cams 1999-2006 | \$510.00 | |

**Model Year 2000-up Sportster engines require a different #2 drive gear than 91-99 engines

MILWAUKEE 8 CAMS

WOOD PERFORMANCE CONFIDENTIAL DEALER PRICE LIST

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|-----------------|---------------------------|----------|-----------------------|
| WM8-22XE | Milwaukee 8 Cam | \$320.00 | Stock Springs |
| WM8-222 | Milwaukee 8 Cam | \$320.00 | Stock Springs |
| WM8-77X | Milwaukee 8 Cam | \$320.00 | BW-4V or SE Springs |
| WM8-777 | Milwaukee 8 Cam | \$320.00 | Stock Springs |
| WM8-777XE | Milwaukee 8 Cam | \$360.00 | Stock Springs |
| WM8-408X | Milwaukee 8 Cam | \$360.00 | HD or BW-4V Springs |
| WM8-999 | Milwaukee 8 Cam | \$320.00 | HD or BW-4V Springs |
| WM8-4860 | .600 Lift Milwaukee 8 Cam | \$360.00 | Require BW-4V Springs |
| WM8-9960 | .600 Lift Milwaukee 8 Cam | \$360.00 | Require BW-4V Springs |
| WM8-9F60 | .600 Lift Milwaukee 8 Cam | \$360.00 | Require BW-4V Springs |
| WM8-9FX | Milwaukee 8 Cam | \$400.00 | Require BW-4V Springs |
| WM8-9FX-60 | .600 Lift Milwaukee 8 Cam | \$400.00 | Require BW-4V Springs |
| WM8-68/WM8-6860 | .600 Lift Milwaukee 8 Cam | \$400.00 | Req BW-4V & WM8-8012 |
| WM8-68X | Milwaukee 8 Cam | \$400.00 | Require BW-4V Springs |

CARBURETORS

◆◆◆ Does not include new core

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------------------|----------------------------------|------------|------------------------|
| ◆ K389 | Carb - Recalibrate | \$275.00 | |
| ◆ K405 | Carb - Chemical Coated | \$365.00 | |
| ◆ K415 | Carb - Chemical Coated | \$475.00 | |
| ◆ K405-250A | Carb & Air Package Assembly | \$440.00 | |
| ◆ K405-275A | Carb & Air Package Assembly | \$440.00 | |
| ◆ K405-300A | Carb & Air Package Assembly | \$460.00 | |
| ◆ K41.5-325A | Carb & Air Package Assembly | \$610.00 | K41.5 Carb Assy Rework |
| ◆◆◆ K430-325A | REBEL Carb & Air Package Assy | \$580.00 | |
| ◆ SK505-1 Super King | Same as SK505 with S.E. Manifold | \$1,450.00 | |

WOOD PERFORMANCE

CONFIDENTIAL DEALER PRICE LIST

HIGH CAPACITY FLOAT BOWL KITS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------------------|---------------------------|----------|-------|
| HCK-2 | Complete Kit | \$150.00 | |
| FF-312 | 5/16 Fixed Fuel Inlet | \$24.00 | |
| Max Jet Holder (MJH) | Max Jet Holder | \$36.00 | |

K SERIES FUEL NEEDLES

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|----------------|---------------------------|---------|-------|
| KT1, KT3 & KT5 | Titanium Fuel Needles | \$85.00 | |

KT1 fits stock CV – KT3 fits K41.5mm & 44mm – KT5 fits K505 SuperKing (51mm)

INSTALLATION KITS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|-------------------|----------------------------|---------|-------|
| 2007 & UP INSTALL | 2007 & UP INSTALLATION KIT | \$65.00 | |
| 1999-2006 INSTALL | 1999-2006 INSTALLATION KIT | \$65.00 | |
| WM8 INSTALL | MILWAUKEE INSTALLATION KIT | \$65.00 | |

CONVERSION CAMS

| | APPLICATION / DESCRIPTION | LIST | NOTES |
|------------|---------------------------|----------|-------------------------|
| TW-5-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-555-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-6-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-7H-R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-8-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-9B-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-9F-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-68-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-400-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-408-6R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |
| TW-408-44R | CONVERSION CAM | \$420.00 | REQUIRES CONVERSION KIT |

WOOD PERFORMANCE CONFIDENTIAL DEALER PRICE LIST

KNIGHT PROWLER SILENT BELT DRIVE SYSTEMS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|------------|---|------------|-------|
| * WBG-1 | 2000 -2006 Twin Cam with Gear Drive | \$1,600.00 | |
| * WBG-1-06 | 2006 Twin Cam DYNA & All 2007 Gear Drive | \$1,600.00 | |
| * WBC -1 | 2000-2006 Twin Inner Cam Chain | \$1,400.00 | |
| * WBC-1-06 | 2006 Twin Cam DYNA & All 2007 Inner Chain | \$1,400.00 | |

ALL MODELS COME POLISHED WITH SOLID END COVER

OPTIONS

| | | |
|-----------------------------------|----------|--|
| CHROME PLATING | \$85.00 | |
| CLEAR LEXAN COVER W/ HOLDING RING | \$75.00 | |
| WH-1 HELICAL INNER GEARS | \$260.00 | |
| TOOL KIT INSTALL AND REMOVAL | \$50.00 | |

* 1999 THRU 2001 EFI EXCEPT 01 SOFTAIL & 99 THRU 2000 CARB WITH CAM POSITION SENSOR USE " P " REFERENCE... 1999 EFI W GEAR DRIVE USE PART # WBG-1P

APPLICATION NOTES

YOU MAY USE ANY MAKE CHAIN DRIVE CAMS WITH OUR KNIGHT PROWLER BELT DRIVE SYSTEM. WHEN USING GEAR DRIVE CAMS, YOU MUST USE KNIGHT PROWLER GEAR DRIVE CAMS MADE FOR THE KNIGHT PROWLER BELT DRIVE SYSTEM!! OUR CAMS ALL ROTATE CLOCKWISE. CONTACT BOB WOOD FOR TECH INFORMATION REGARDING OUR NEW " SILENT HELICAL CUT INNER GEARS "

BELT DRIVE CAMS

| PART # | APPLICATION / DESCRIPTION | LIST | NOTES |
|---------|---------------------------|----------|----------|
| BW-6B | Belt Drive Cams | \$400.00 | \$300.00 |
| BW-6HB | Belt Drive Cams | \$400.00 | \$300.00 |
| BW-7HB | Belt Drive Cams | \$400.00 | \$300.00 |
| BW-8B | Belt Drive Cams | \$400.00 | \$300.00 |
| BW-9BB | Belt Drive Cams | \$460.00 | \$335.00 |
| BW-9FB | Belt Drive Cams | \$460.00 | \$335.00 |
| BW-400B | Belt Drive Cams | \$460.00 | \$335.00 |
| BW-408B | Belt Drive Cams | \$460.00 | \$335.00 |
| BW-68B | Belt Drive Cams | \$460.00 | \$335.00 |

WOOD PERFORMANCE CONFIDENTIAL DEALER PRICE LIST

SPECIAL APPLICATION PARTS

| APPLICATION / DESCRIPTION | | LIST | NOTES |
|---------------------------|--|-------------|-------|
| | 8" Round Cover - wrap-Around - w/dual windows | \$140.00 | |
| | 8" Billet Air Filter Cover – Chrome or Black | \$140.00 | |
| KF325-1 | Upgrade for 1998 - 2006 Air Kit | \$150.00 | |
| KF325-08T | Upgrade for 2008 FL's SE Air Kit | \$150.00 | |
| KF325-58 | Upgrade for S.E. 58mm Air Kit | \$225.00 | |
| | 40269-85A 24 Tooth Compensator [Crank Gear] (Fits all Twin-Cam & 98 up EVO, for a 3.37 ratio) | \$225.00 | |
| | (Converts your final drive 3.15 ratio to 3.37 ratio 37846-99A 37 Tooth Clutch Basket (Fits all twin-cam & 98 up EVO, for a 3.37 ratio) (Converts your final drive 3.15 ratio to 3.37 ratio) | \$450.00 | |
| TCB-1 | Breather Kit / Twin Cam (with crossover Tube) | \$60.00 | |
| TCB-1A | Twin Cam w/dual 3/8" Banjo Bolts | \$60.00 | |
| WCR-1 | COMPRESSION RELEASE (PAIR) | \$130.00/pr | |
| DJC | Dual Jagg Chrome Oil Cooler Kit | \$755.00 | |
| DJC-10 | Dual 10 Row Super Cooler Kit | \$855.00 | |
| DJC-10-1 | Single 10 Row Super Cooler Kit | \$460.00 | |
| CC-1 | Chrome Channel 10 Row Cooler | \$80.00 | |
| ORS-2 | Billet Offset Rocker Arm Support | \$420.00 | |
| RCC-1 | Roller Chain Conversion Kit, 99 thru 01 EFI ONLY | \$830.00 | |
| RCC-2 | Roller Chain Conversion Kit, 02 thru 06 | \$780.00 | |
| WADL-9012 | Platinum Series Directional Roller Lifters | \$310.00 | |
| WEVO-1012 | EVO Lifters | \$290.00 | |
| 18572-13 | S.E. Lifters | \$250.00 | |
| 18404-08 | S.E. Twin Cam Adjustable Pushrods (Chrome) | \$260.00 | |
| 17900032 | S.E. Twin Cam Adjustable Pushrods (Black) | \$275.00 | |
| 17900058 | S.E. Milwaukee Adjustable Pushrods (Chrome) | \$275.00 | |
| 17900073 | S.E. Milwaukee Adjustable Pushrods (Black) | \$325.00 | |
| 292245 | Andrews Evo Pushrods | \$256.00 | |

2006 Dyna – 2007 All Models Gear Drive Conversion

- a. 25267-99B Cam Support Plate & 26035-99B Oil Pump
- b. Machine and install 1" race on existing gear drive cams
- c. Contact Bob Wood for details

Wood Performance Carburetors offers numerous Special Applications parts that are not listed in our catalog. We have many modified High Performance Keihn carburetor parts that are too numerous to mention. Call Bob Wood for Info: 205-525-4949

All KNIGHT PROWLER products are Custom Designed for High Performance applications. Products are Non-returnable, and No Warranty is implied or expressed. Most High-Performance parts are not legal for sale or use on public highways. Users must comply with all Federal, State and EPA regulations. In some instance - High Performance parts can be recalibrated to meet the above guidelines.

Wood Performance and KNIGHT PROWLER Products
Are designed using Imagination and Innovation, Not Duplication!
Beware of Imitation products
Wood Performance Carburetors offers numerous Special Applications

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Wood Performance Carburetors

Additional Gear Drive Installation Procedures



Inner Cam Gear Alignment



Figure 2

1. **YOU MUST CHECK CRANK RUN-OUT AT PINION END OF CRANKSHAFT!!!**
2. **No oil or lube on gears while doing these lash/gear check procedures.**
3. **Make sure inner cam gear timing marks are lined up as in photo. (Figure 2)**
4. **Install cam plate and cams into block and torque to specs. Do not install crank/pinion drive gear at this time.**
5. **Install aluminum or wooden drift approximately .835 diameter and approximately 6" long into front exhaust lifter hole and press firmly to lock down front cam shaft. Zero dial indicator and check for backlash while moving rear outer cam gear back and forth. Clearance should be .000 to .001 maximum. Check backlash every 90 degrees of rotation of rear cam drive gear. Inner rear cam gears are available in oversize and undersize.**
6. **Install crank pinion gear and align timing marks together. While holding pinion gear firmly, check backlash at outer drive cam gear every 90 degrees of rotation. Backlash should be .000 to .001. Oversize and undersize outer cam drive gears are available. (see Figure 1)**
7. **Failure to check these clearances will result in excessive whine or excessive valve train noise. CLEARANCE CHECK PROCEDURE MUST BE DONE PRIOR TO ENGINE START UP!!**

Photos courtesy of Performance Techniques



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011705

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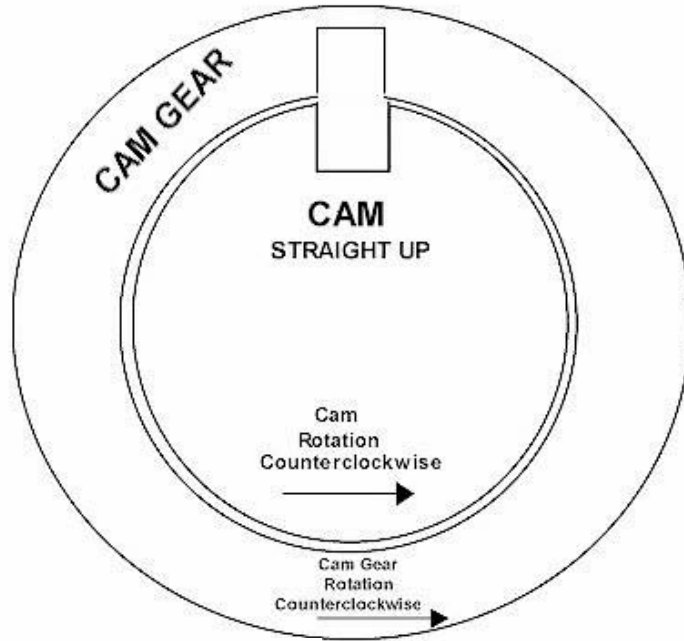
Wood Performance Carburetors



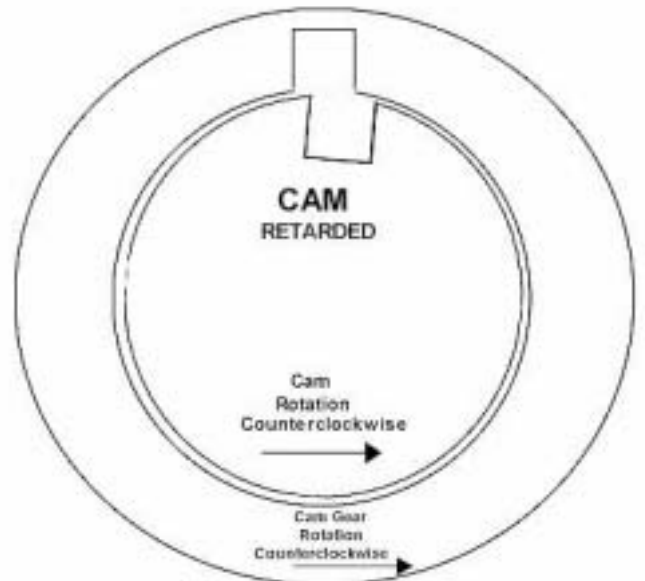
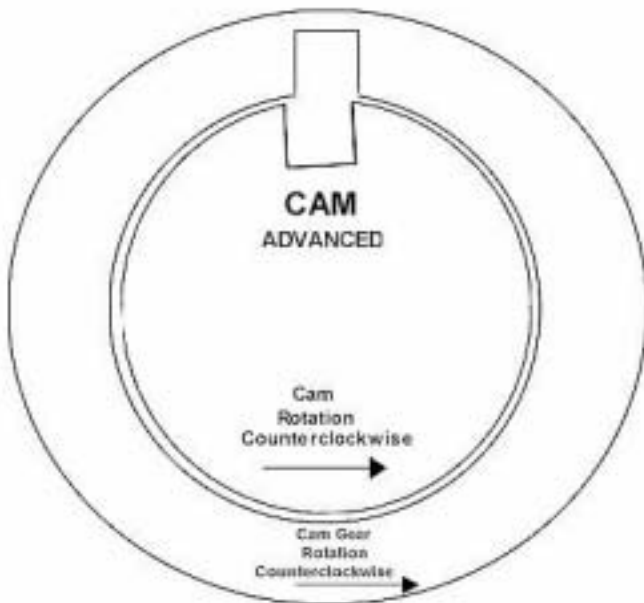
www.woodcarbs.com

CAM: ADVANCE / RETARD PROCEDURE

Using Wood WGD Key Set (2° & 4° - crankshaft deg.)



NOTE:
 Keys may require file-fit
 for proper installation
Professional use Only



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2012 Daytona WyoTech Brute Horsepower Shootout



KNIGHT PROWLER PRODUCTS TAKE TOP HONORS AGAIN!

ANOTHER CLEAN SWEEP AT 2012 DAYTONA DYNO SHOOTOUT

124" CLASS: KEN MILLER 180 HP

100" CLASS: WOLFGANG GRASSER 173 HP

1200: CLASS: WOLFGANG Grasser 126HP

2011 Daytona WyoTech Brute Horsepower Shootout



KNIGHT PROWLER PRODUCTS TAKE TOP HONORS AGAIN!

Wolfgang Grasser accepts First Place Trophy
187HP from his 98 ci FXR using the KNIGHT PROWLER TW75G Cams
AND

126.7HP from his 1200 Sportster Wins the 1200 Sportster Class

KNIGHT PROWLER TW-7H Cams put Clark Hemrick on top
in the "Unlimited Class" at 161HP from his 07, 103 inch Ultra,
after riding it to Daytona from North Carolina!



2010 Daytona WyoTech Brute Horsepower Shootout



Bob Wood & Wolfgang Grasser

**KNIGHT PROWLER PRODUCTS TAKE TOP HONORS AGAIN!
187 HP Knight Prowler TW75G cams & DIRECTIONAL LIFTERS
6 Wins, 6 Years in a row using Knight Prowler Cams!**

Daytona WyoTech Brute Horsepower Shootouts 2009

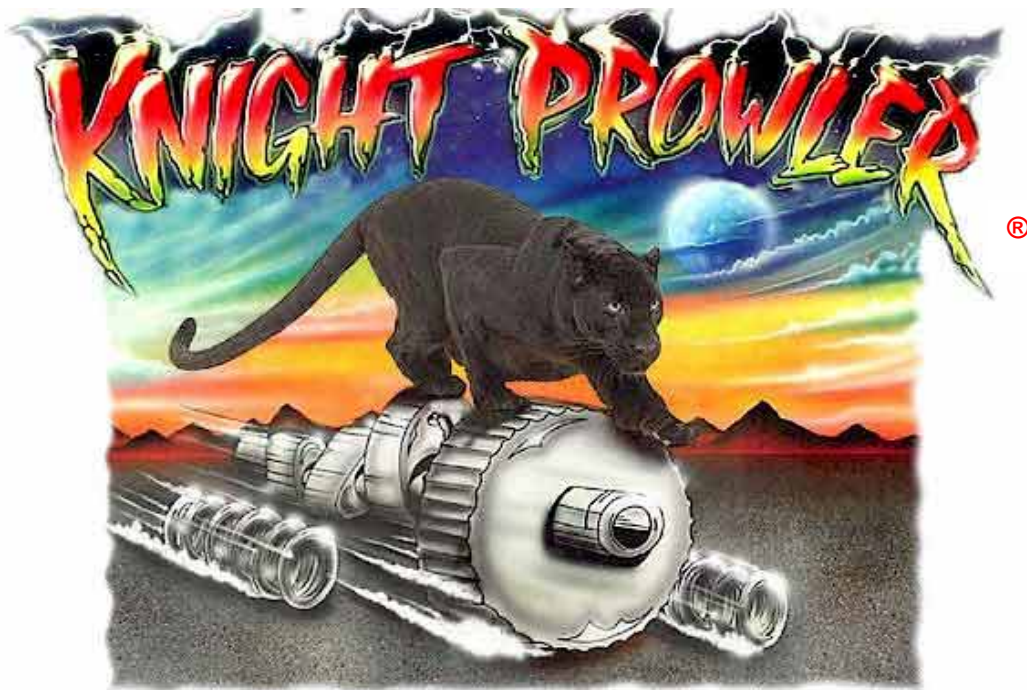


**Wolfgang Grasser's 98 cubic incher turns out 187 Horsepower!
5 Wins, 5 Years in a row using Knight Prowler Cams!
98 ci dual 50mm carbs, Heads by Wolfgang, "KNIGHT PROWLER" TW-75G Cams**

2008

**Wolfgang Grasser's 98 cubic inch Twin Cam Wins using
KNIGHT PROWLER TW-75G Cams! 171 Horsepower!!
WOLFGANG GRASSER "98 cu.in. TOPS ALL BIG TWIN ENTRY'S INCLUDING "UNLIMITED"
THE "WOLF" HAD THEM ALL SHAKING THEIR HEADS!!!
171 HP & JUST 98 cu.in.**





**2006 Daytona AMI
Brute Horsepower Shootout
4 Winners = A Clean Sweep!
ALL Twin Cam, EVO & Sportster Classes**

**AT THIS YEARS DAYTONA BIKE WEEK ONCE AGAIN KNIGHT PROWLER CAMS
DOMINATED AND WON ALL 4 OF THE CLASSES ENTERED**

*PLEASE NOTE: ALL OF THESE DYNO RUNS
WERE PERFORMED ON THE SUPER FLOW DYNO WHICH REGISTERS 10-15% LESS
HORSEPOWER THAN THE INDUSTRY STANDARD DYNOJET DYNO'S*

| First Place | | | |
|------------------------|---------------------|--|---------|
| Twin Cam 88 - 95 CI | Wolfgang Grasser | 01 FLHTC TW-68G KNIGHT PROWLER Cams | 137.8HP |
| EVO 1340 Open | John Golden | 96 Road King - W9-F KNIGHT PROWLER Cam | 126.6HP |
| EVO 1340 | Jeff Townsend | 1987 FXR - W-9F KNIGHT PROWLER Cam | 103.5HP |
| Sportster 0 - 1200 | Ray Hilmeyer | 02 Sportster - W-9BS Cams | 93.8HP |



| First Place | | | |
|------------------------|---------------------|--|---------|
| Twin Cam Open | | 00 FXD TW-75G KNIGHT PROWLER Cams | 189.8HP |
| Twin Cam 88 - 95 CI | Wolfgang Grasser | 01 FLHTC TW-72G KNIGHT PROWLER Cams | 128.3HP |
| V - Twin 0 - 1200 | Ray Hilmeyer | 02 SPORTSTER KNIGHT PROWLER Cams | 90.4 HP |
| Second Place | | | |
| Twin Cam 88 - 95 CI | Gary Salisbury | 02 NITETRAIN TW-75G KNIGHT PROWLER Cams | 117 HP |
| Buell 900 - 1200 | Vic Chichester | 00 X1 KNIGHT PROWLER Cams | 92 HP |

2003 Daytona AMI Brute Horsepower Shootout

| First Place | | | |
|------------------------------|-----------------------------------|---|---------|
| Twin Cam Unlimited | | 95 ci KNIGHT PROWLER TW-68 Cams | 125.8HP |
| 88 Twin Cam Class | Wolfgang Grasser | KNIGHT PROWLER TW-68 Cams | 114.5HP |
| Second Place | | | |
| 88 Twin Cam Fuel Injected | Gary Salisbury Horsepower, Inc | KNIGHT PROWLER DUAL TUNNEL RAM EFI and TW-9FG Cams | 122.7HP |
| 1200 Sportster | Ray Hillmeyer Preferred Cycles | KNIGHT PROWLER W-9BS Cams | |