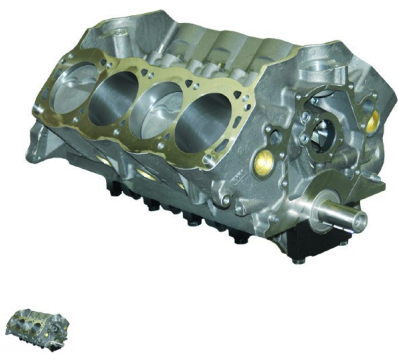


S427W03



427 Windsor Gold Pro. Short - Dart SHP Block - 4340 Steel Crank - H-Beam Rods - Forged FT Pistons

Rating: Not Rated Yet

**Price:**

Variant price modifier:

Base price:

Price:

You save:

[Ask a question about this product](#)

Description



- Fully Machined & Blueprinted Inhouse At Pavtek Since 1989
- Packaged Priced - Discounted
- 12 Months Unlimited Kilometers Warranty
- Australia Wide Economical Shipping
- In Stock NOW And Ready For Immediate Shipping

**APPLICATION:**

427 Ford Windsor

**Gold Pro Short Engine**

This Short Engine Can Be Used To Produce 700 Hp At An Rpm Not Exceeding 7200 RPM

**Pavtek Part #**

**IN Stock Status**

**GENERAL TECH. INFO**

Final Cubic Inches

Bore Diameter  
Stroke

**PARTS**

**INCLUDED:  
BLOCK**

Block Supplied Outright

Block Supplied

Block Material

Block CNC Machined  
Block Deck Height

Main Caps

Billet Main Stud Girdle  
Main Bolts / Main Studs

Block Deburred  
Welsh Plugs

**ROTATING ASSEMBLY**

Crankshaft Brand  
Crankshaft Material  
Piston Brand  
Piston Material  
Piston CC Volume  
Piston Rings Brand  
Piston Ring Widths  
Conrod Brand  
Conrod Length

**S427W03**

Built To Order - 4 Weeks

427 (351W Stroker)

4.125"  
4.000"

Yes

NEW Dart SHP

Cast Iron

Yes - Inhouse  
9.500"

Steel 4 Bolt Caps

No  
Dart Bolts

Yes  
Yes - Brass

Scat  
4340 Forged Steel  
Srp / JE  
Forged  
5 CC Flat Tops  
SpeedPro  
1/16 1/16 3/16  
Scat  
6.250"

|                       |                       |
|-----------------------|-----------------------|
| Conrod Beam Style     | H-Beam                |
| Conrod Bolts Material | ARP 8740              |
| Conrod Bolt Diameter  | 7/16                  |
| Harmonic Balancer     | Not Included          |
| Harm. Balancer Brand  | Use PB1086-SS         |
| Engine Balance        | Internal Front & Rear |
| Heavy Metal Used      | No                    |

**BEARINGS**

|                           |                   |
|---------------------------|-------------------|
| Main Bearings             | ACL H-Race Series |
| Big End Bearings          | ACL H-Race Series |
| Cam Bearings              | Dart - Coated     |
| Oil Restrictor Kit Fitted | NO                |

**REAR MAIN SEAL**

|                |                          |
|----------------|--------------------------|
| Style          | 1 Piece                  |
| Rear Main Seal | Felpro Competition Style |

**ALSO INCLUDES**

|                     |                                 |
|---------------------|---------------------------------|
| Oil Pan             | No                              |
| Oil Pump            | No                              |
| Cam & Lifters       | No                              |
| Timing Cover        | No                              |
| Flexplate           | No                              |
| Flywheel            | No                              |
| Harmonic Bal. Bolt  | No                              |
| Pavtek Free T-Shirt | Yes -Specify Size When Ordering |

**MACHINING  
INCLUDED:**

|                        |                           |
|------------------------|---------------------------|
| Chemically Cleaned     | New Block Supplied        |
| Crack Tested           | New Block Supplied        |
| Cam Tunnel Checked     | Yes                       |
| Lifter Bores Honed     | Yes To Correct Clearances |
| Lifter Bores Grooved   | Yes For Added Oil Flow    |
| Block Grouted          | No                        |
| Main Tunnel Line Honed | Yes, As Supplied By Dart  |
| Bored & Honed          | Yes                       |
| Block Decked           | Yes -Zero +/- .003"       |
| Rods Measured          | Yes                       |
| Oil Clearance Checked  | Yes                       |
| Cam Bearings Fitted    | Yes                       |
| Dynamically Balanced   | Yes                       |
| Short Eng. Assembled   | Yes                       |
| Available In Kit Form  | Yes - Machined To Order   |

**Package Price :****Price Update : 04-10-22****Job / Build # :****Based On A Zero Deck Height And .041" Compressed Head Gaskets**

**Final Compression Ratio Will Be As Follows:**

| Head CC's | Final CR |
|-----------|----------|
| 54        | 13.86    |
| 56        | 13.50    |
| 58        | 13.15    |
| 60        | 12.83    |
| 62        | 12.53    |
| 64        | 12.21    |
| 66        | 11.94    |
| 68        | 11.67    |
| 70        | 11.42    |

**Special Notes:**

Cam to Conrod Clearance Must Be Checked Before Final Fitting of Camshaft

**Custom Short Engine Packages Are Available**

**Price Does Not Include Packaging & Freight Charges**

**If Ordered Online We Will Contact You With A Price For Freight ASAP**

**Representative Image Only**  
Product images may differ from actual product appearance

**Image May Be Shown With Optional Available Extras**  
**Short Engines Are Not Supplied Painted Unless Ordered**

**PLEASE CALL 03 9408 7726 IF YOU NEED ASSISTANCE**

**OR EMAIL YOUR ENQUIRY TO** [This email address is being protected from spambots. You need JavaScript enabled to view it. //](#)