



**PARTS FOR
X-WEDGE® ENGINES**



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STEALTH AIR CLEANER KITS

- Air directional stinger cone
- Can be used with any of several S&S designed covers
- Pre-filters and high flow (1" taller) filter kit available — See below

STEALTH AIR CLEANER KIT (No Cover) | **170-0200** | \$282.95

HIGH FLOW AIR FILTER KIT (includes spacers), 1" Taller | **170-0127** | \$77.95

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE. Not legal for sale or use on any EPA pollution controlled motor vehicle.

FILTER REPLACEMENTS

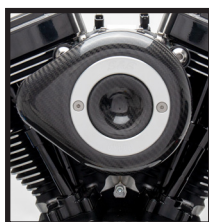
Standard Filter Only	Stealth	170-0126	\$46.95
1" Taller Filter Only	Stealth	170-0154	\$50.95
Spacer	Stealth, 1" Taller	50-5009-S	\$15.95



STEALTH AIR CLEANER KIT COVERS



Stealth Tribute



Carbon Fiber



Mini in Gloss Black



Tri-Spoke



Torker



Air 1



Airstream in Chrome



Airstream in Gloss Black

STEALTH COVERS

Tribute		Teardrop		Teardrop—Slasher		Carbon Fiber	Mini	
Chrome	Gloss Black	Chrome	Gloss Black	Chrome	Gloss Black	Black	Chrome	Gloss Black
170-0592	170-0593	170-0530	170-0531	170-0532	170-0533	170-0501	170-0367	170-0366
\$180.95	\$180.95	\$180.95	\$180.95	\$191.95	\$191.95	\$314.95	\$180.95	\$180.95

Tri-Spoke	Torker	Air 1	Airstream	Displacement			
Gloss Black w/Highlights	Gloss Black w/Highlights	Gloss Black w/Highlights	Chrome	Gloss Black	111	124	143
170-0210	170-0206	170-0214	170-0118	170-0396	170-0319	170-0321	170-0323
\$170.95	\$170.95	\$170.95	\$170.95	\$170.95	\$184.95	\$184.95	\$184.95



PRE-FILTERS

- Water resistant
- Prevents large debris from prematurely clogging filter
- Washable nylon
- Promotes longer filter life
- Reduces the risk of water entering air intake system

Standard	170-0193	\$45.95
1" Taller	170-0197	\$45.95

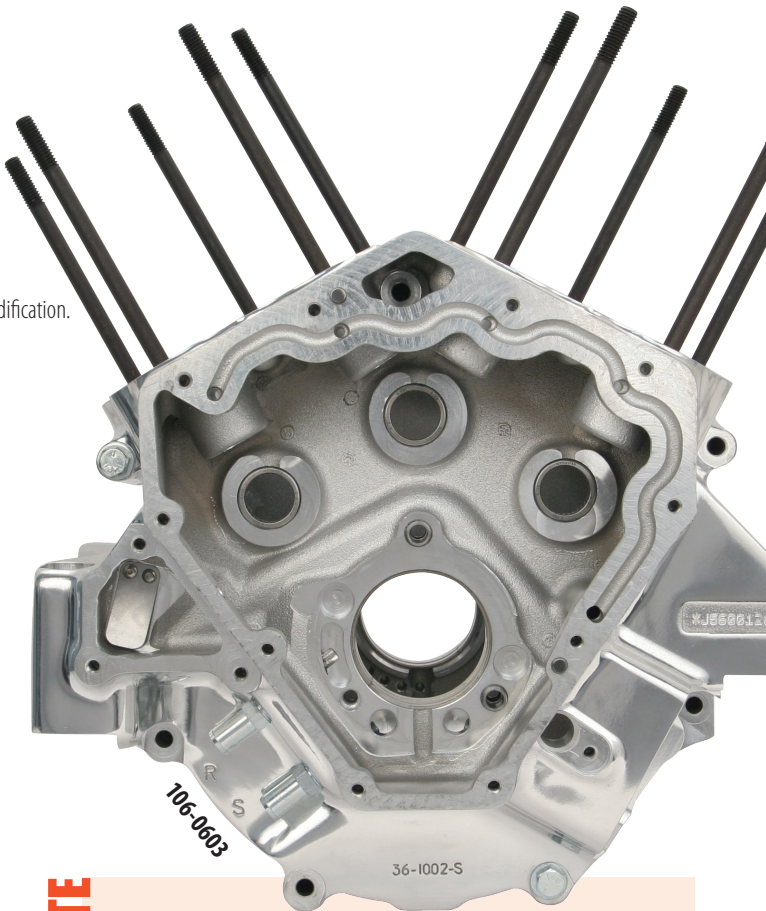
CRANKCASES

- Cylinder deck height of 6.125" and will accommodate 4 $\frac{1}{8}$ " up to 4 $\frac{3}{8}$ " bore cylinders without modification.
- Silver powder coat, wrinkle black powder coat, or polished finish

KIT CONTENTS

- S&S crankcase, hardware, seals

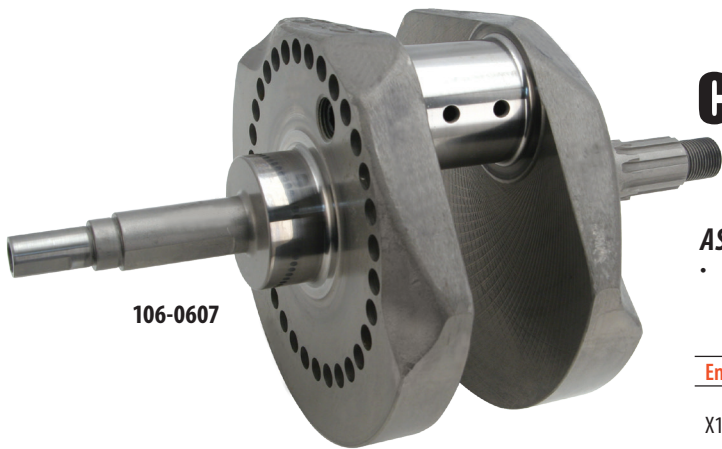
Silver powder coat	106-0604	\$2,199.95
Wrinkle black powder coat	106-0605	\$2,299.95
Full Polish	106-0603	\$2,999.95



NOTE

S&S recommends using Permatex Right Stuff® for sealing crankcases.

REPLACEMENT PARTS: SEE PAGE 19



CRANKSHAFTS

Crankshafts are machined and ready to assemble with standard bearings.

ASSEMBLY CONTENTS

- Crank assembly includes rods and bearings

Engine	Stroke	Crankshaft Only	MSRP	Crankshaft Assembly	MSRP
X117/X132	4 $\frac{3}{8}$ "	106-0607	\$1,499.95	106-0609	\$1,999.95
X114/X121/X128	4 $\frac{1}{4}$ "	106-0606	\$1,499.95	106-0608	\$1,999.95

CONNECTING RODS

- These forged rods are 7.400" plain bearing, automotive style, with a two piece design, 2.200" journal diameter, and .927" wristpin diameter
- Since the front and rear rods are identical, rods are not sold in sets but are available individually
- Bearings are not included and must be purchased separately

Connecting Rod Front or Rear	106-0583	\$229.95
Bearing Inserts Standard (set of 4)	106-0569	\$69.95
Bearing Cap Screws 12 pt, 7/16"-20 x 1.60"	50-0346-S	\$14.95



BELT COVERS

- Direct replacement for the belt cover on any X-Wedge engine
- Updated vented cover providing additional cooling promoting longer belt life
- Chrome

106-0587± | \$299.95

±  WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov



REPLACEMENT PARTS: SEE PAGE 15

OIL PUMP

- Direct replacement for the oil pump in any X-Wedge engine

106-0680 | \$394.95



REPLACEMENT PARTS: SEE PAGE 14

CYLINDERS & PISTONS

FOR S&S® X114, X117 & X121 X-WEDGE® ENGINES

- For X114, X117 & X121 X-Wedge engines
- The front and rear cylinders and pistons are interchangeable
- Cylinders can be honed to the specified size and any piston of the correct oversize will fit with the correct clearance.
- Silver powder coat, wrinkle black powder coat, or polished finish



INDIVIDUAL CYLINDERS ONLY FOR S&S® X-WEDGE® ENGINES

Displacement	Stroke	Bore	Cylinder Length	Compression Ratio	Silver	MSRP	Wrinkle Black	MSRP	Full Polished	MSRP
114" / 117"	4.25" / 4.375"	4.125"	4.645"	8.5:1 / 9.75:1	91-7461	\$427.95	91-7463	\$427.95	91-7465	\$593.95
121"	4.25"	4.25"	4.645"	9.75:1	—	—	91-7469	\$427.95	91-7471	\$593.95

Pistons are sold separately. See chart below.

FORGED INDIVIDUAL PISTONS FOR S&S® X-WEDGE® ENGINES

Displacement	Standard	MSRP
114"	106-0108	\$338.95
117"	106-0108	\$338.95
121"	106-0109A	\$338.95

All individual pistons include one piston, rings, wristpin, and clips. Due to piston coating, piston measurements are not reliable. Bore cylinders to nominal diameter +/- .0005" for correct clearance.

REPLACEMENT WRISTPINS AND KEEPERS

Description		Part #	MSRP
Wristpin	X114 & X117 & X121	106-1000	\$14.95
Keeper	All Displacements	94-9278-S	\$5.95

REPLACEMENT MOLY FACED RINGS FOR X-WEDGE PISTONS

Description		Standard	MSRP
X114 & X117	2 pack	106-0011	\$170.95
X121	1 pack	106-0709A	\$57.95

X-WEDGE® GASKETS & DOWELS

Description	Bore		Part #	MSRP
Head Gasket	4 $\frac{3}{8}$ "	each	93-1132	\$45.95
	4 $\frac{1}{4}$ "	each	93-1131	\$26.95
	4 $\frac{1}{8}$ "	each	93-1130	\$14.95
Base Gasket	All	each	93-1120	\$12.95
Dowel Pin .187" x .635"		each	50-8031	\$4.95

4³/₈" BORE CYLINDERS & PISTONS UPGRADES FOR X-WEDGE® X128 AND X132 ENGINES

Increase the displacement of your X-Wedge engine with these bolt-on cylinder and piston kits. A 1/8" bore increase will take an X121 to X128, and a 1/4" bore increase will take an X117 to X132! No changes to the crankcases or flywheels are required.

- Bolt-on performance
- Increase displacement without crankcase modifications
- Silver powder coat, wrinkle black powder coat or polished finish



Pistons are sold separately

4³/₈" BORE CYLINDER ONLY SETS FOR S&S® X-WEDGE® ENGINES

Displacement	Stroke	Bore	Cylinder Length	Compression Ratio	Silver	MSRP	Wrinkle Black	MSRP	Full Polished	MSRP
128" / 132"	4.250" / 4.375"	4.375"	4.645"	10.3:1	910-0002	\$787.95	910-0001	\$749.95	910-0003	\$1,124.95

Cylinders are honed and ready for assembly. Cylinder sets include front and rear cylinders. Includes head and base gaskets. Pistons are sold separately. See chart below.

FORGED PISTON SETS FOR S&S® X-WEDGE® ENGINES

Displacement	Standard	MSRP	+.010"	MSRP
128"	920-0003	\$428.95	920-0006	\$428.95
132"	920-0002	\$450.95	920-0004	\$428.95

All piston sets are for two pistons and include rings, wristpin, and clips. Due to piston coating, piston measurements are not reliable. Bore cylinders to nominal diameter +/- .0005" for correct clearance.

REPLACEMENT MOLY FACED RINGS FOR X-WEDGE® PISTONS

Description	Standard	MSRP
X128 & X132	2 pack 94-4285X	\$55.95

REPLACEMENT WRISTPINS AND KEEPERS

Description	Part #	MSRP
Wristpin	94-9277	\$34.95
Keeper	94-9278-S	\$5.95

X-WEDGE® GASKETS

Description	Bore	Part #	MSRP
Head Gasket	4 ³ / ₈ " each	93-1132	\$45.95
Base Gasket	All each	93-1120	\$12.95

CAM CHEST REPLACEMENT PARTS

Description	Part #	MSRP
Cam sprocket, 38-tooth	106-0740	\$24.95
Belt, cam drive, 127-tooth, 30mm	106-0571	\$140.95
Belt tensioner, 30mm	370-0007	\$225.95
Pinion Update Kit	370-0015	\$166.95



CAM BEARING REPLACEMENT PARTS

Description	Part #	MSRP
Inner Cam Bearing for S&S X-Wedge®	31-4080	\$13.95
Outer Cam Bearing for S&S X-Wedge®	106-1424	\$18.95



X-WEDGE® EASY START CAMS

RECOMMENDED APPLICATIONS FOR S&S X-WEDGE CAMS

548 CAMS — Stock replacement cams for X114, X117, and X121 engines. Emissions compliance is maintained when these cams are installed. Use with stock pushrods. Non-interference.

569 CAMS — Bolt-in performance upgrade cams for any displacement X-Wedge engine from 9.8:1 to 10.2:1 compression ratio. Use with stock pushrods. These cams are non-interference, but are not emissions compliant.

618 CAMS — Performance upgrade cams for any displacement X-Wedge engine from 9.8:1 to 10.3:1 compression ratio. The 618 cams can be installed as a bolt-in. The 618 cams are not non-interference cams, and are not emissions compliant. Due to the smaller diameter cam base circle, the X618 cams require a special, slightly longer pushrod set #930-0021, or billet aluminum rocker arm set #900-0213.



S&S® X-WEDGE® EASY START CAMS SPECIFICATIONS

Cam Name	Valve Timing (open/close) ¹		Valve Duration		Valve Lift ²	Centerline		Lift@TDC ³	
	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust
	Open BTDC/ Close ABDC	Open BBDC/ Close ATDC							
548	5°/55°	57°/0°	240°	237°	0.548"	115°	118.5°	0.136"	0.080"
569	9°/40°	47°/17°	229°	244°	0.569"	105.5°	104.5°	0.137"	0.179"

¹Timing designation is a function of zero lash @ 0.053" off base circle.

²Valve lift is calculated from a 1.76:1 ratio rocker arm.

³TDC lift is measured at the valve and is for reference only.

548 (3 cams)		569 Easy Start (3 cams)	
106-0577	\$507.95	330-0047	\$562.95

COMPRESSION RELEASE 548 UPDATE KIT

(2 exhaust cams)	106-3809	\$478.95
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HIGH PERFORMANCE HYDRAULIC TAPPETS



37-0030 (each) | \$36.95

NOTE

Tappets for S&S X-Wedge engines are not designed for use with S&S HL,T limited travel kits.

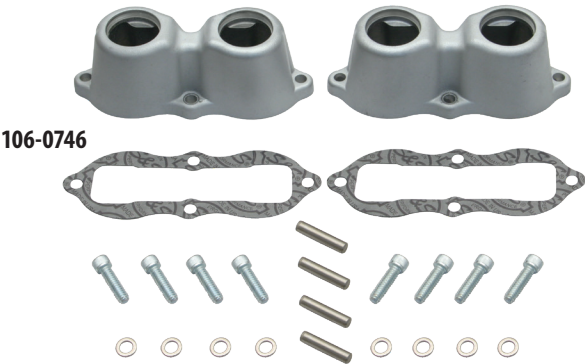
TAPPET COVERS

- Silver powder coat, wrinkle black powder coat, or polished finish
- Two tappet guides, gaskets, dowel pins, and mounting hardware

Silver powder coat	106-0746	\$140.95
Wrinkle Black powder coat	106-0747	\$140.95
Polished	106-0745	\$157.95

REPLACEMENT PARTS

Gasket (each)	37-0006	\$9.95
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PUSHRODS

X-Wedge® Pushrod Sets—All displacements with stock rocker arms

Stock Length (for use with 545, 548 and 569 cams)	106-0699	\$95.95
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SIDEWINDER® VALVE SPRINGS



S&S® SIDEWINDER® VALVE SPRINGS SPECIFICATIONS

Lift	Installed Height	Seat Force	Force @ Max Lift	Max RPM
.585"	2.00"	85 lb.	264 lb.	5750

- 585 Sidewinder Springs:
- Lower spring force results in reduced valve train noise, increased valve stability, and longer valve train component life
- Stock replacement in X-Wedge
- Valve keepers, springs, top collars, bottom collars, 0.015" and 0.030" shims

900-0595 | \$141.95

REPLACEMENT PARTS: SEE PAGE 20

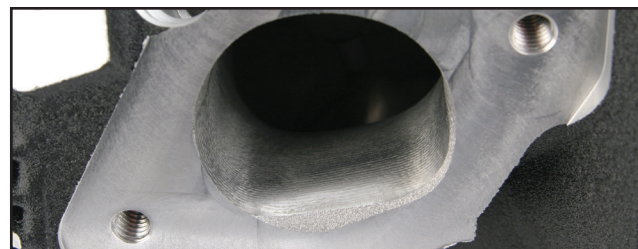
CNC PORTED CYLINDER HEADS

- CNC machined ports for a consistent performance increase from original heads
- Choice of two different chamber machinings (100cc or 103cc)
- Great throttle response, high velocity port without losing low RPM torque
- Assembled with performance valves and .650 springs
- Full polished, silver, wrinkle black powdercoat

SERVICE OPTIONS

- Buy New CNC, or. . .
- Rework Service
 - Heads sent to S&S
 - Get the same set of heads back with CNC machined ports & chambers
 - The best option for heads with a special cosmetic treatment
 - Allow 2 week turn-around
- Custom CNC Port Duplication
 - S&S can digitize your port design and machine it in your heads, ask an S&S customer service representative for details

106-6480 | Call For Pricing



Shown is an intake port from a CNC machined X-Wedge® cylinder head. Notice the detailed machining that gives our CNC ported heads the performance that your big-inch engine demands.



Digitized port shapes are faithfully reproduced in X-Wedge cylinder heads on our 5-Axis CNC machining center. Intake port, exhaust port and combustion chamber are all modified. This head will be assembled with new valves and high lift valve springs to complete the package.

		Stock Heads	CNC Ported by S&S®
Valve Size	Intake	2.00"	2.2"
	Exhaust	1.605"	1.675"
Max "Free Spin" Valve Lift*		0.0580"	0.0580"
Port Flow	Intake	261.2 cfm	315 cfm
	Exhaust	190.8 cfm	215 cfm
Compression Ratio	128"	9.7:1	10:1
	132"	9.9:1	10.3
Cylinder Heads Decked		—	0.030"
Chamber Volume		103 cc	100 cc**
**"Free Spin" valve lift controlled by valve reliefs in piston. **After decking. Flow testing performed on a SuperFlow® 1020 flow bench at 28" of water test pressure at .600" lift through radiused inlet.			

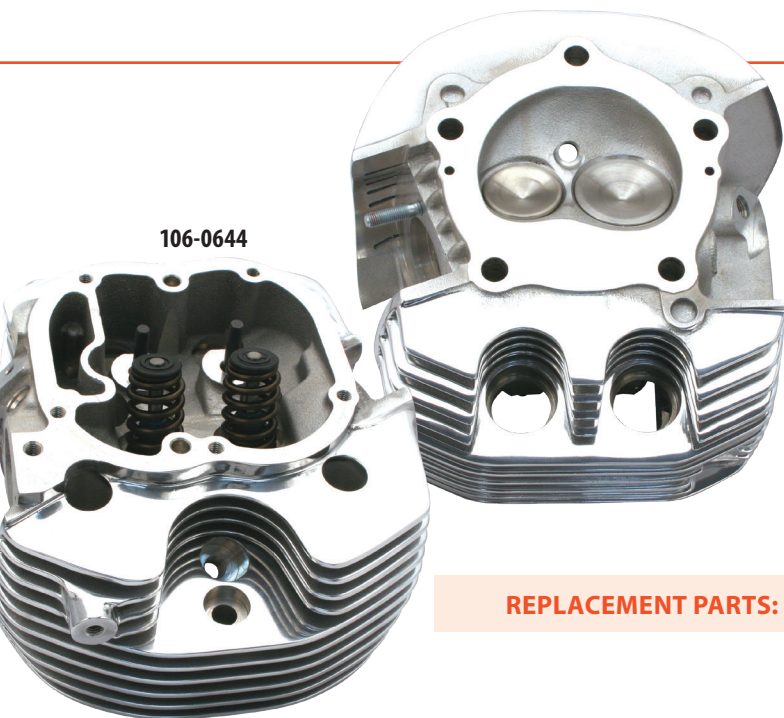
INDIVIDUAL PARTS FOR X-WEDGE® CNC PORTED HEADS

Spring		106-5689	\$57.95
Intake Valve		900-0275	\$48.95
Exhaust Valve		900-0276	\$79.95
Valve Guide Seal	4 pack	900-0737	\$11.95
Top Collar		106-5690	\$15.95
Bottom Collar		106-3827	\$16.95
Valve Keeper	each	90-2094-S	\$5.95
	8 pack	50-7166	\$23.95

CNC porting is not available for previously ported heads, heads that have been structurally damaged, or heads that are determined to be unserviceable during initial inspection. These heads will be returned to the customer without modification. In these cases customer will be notified and options reviewed. New CNC ported heads are available for purchase.

Due to variations in cylinder head castings, all inside surfaces of the ports may not "clean up" during machining. As a result, the inside of one or more ports may not appear to be completely machined. This does not effect performance and is not considered a defect.

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CYLINDER HEADS

- .585" Street Performance springs
- Powder metal valve guides
- Completely assembled stock heads—ready to bolt-on
- Silver powder coat, Wrinkle Black powder coat, or Full Polished Finish

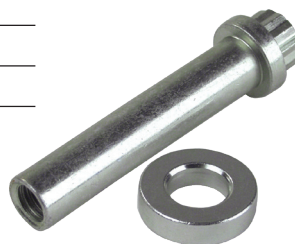
Silver	106-0646	\$1,350.95
Wrinkle Black	106-0647	\$1,350.95
Full Polished	106-0644	\$1,799.95

REPLACEMENT PARTS: SEE PAGE 20

HEAD BOLTS

Will fit any production X-Wedge engine regardless of displacement. 10 are required for complete replacement.

Head bolt	93-3028-S (each)	\$9.95
Washer (.150")	50-0418-S (each)	\$6.95

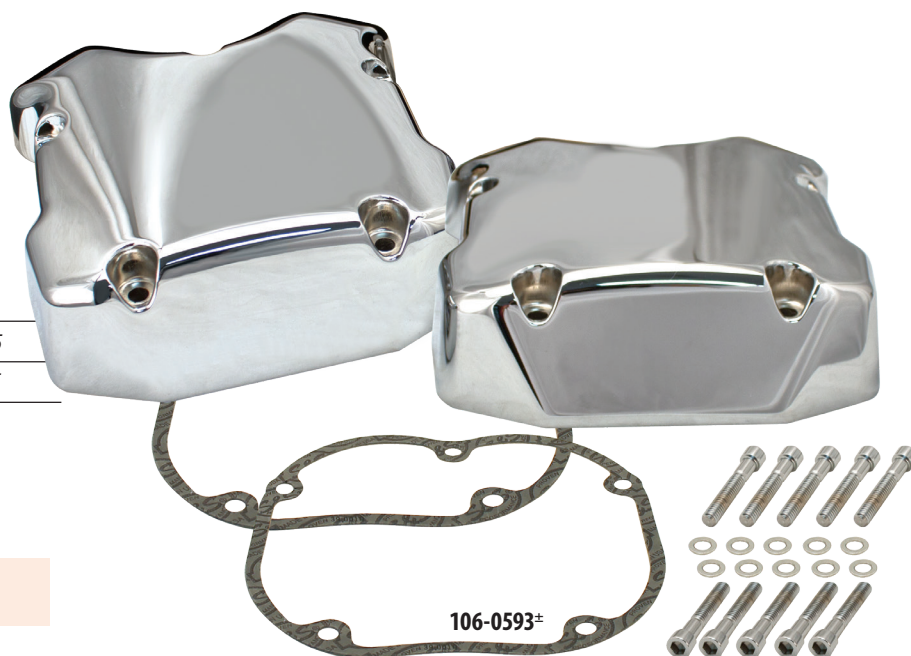


ROCKER COVERS

- OEM stock replacement—same as original equipment
- Covers are interchangeable for front or rear cylinder heads
- Die-cast aluminum with show chrome finish
- Rocker cover(s), mounting hardware, gasket(s)

Single Rocker Cover (with hardware & gasket)	106-0600	\$282.95
Rocker Cover Set (with hardware & gaskets)	106-0593	\$507.95

 WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



REPLACEMENT PARTS: SEE PAGE 20

THROTTLE BODY

58mm	106-3960*	\$338.95
52mm	106-3141	\$338.95

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REPLACEMENT PARTS: SEE PAGE 18



FUEL PUMP FOR FUEL INJECTED CUSTOM BIKES

- Mounts in nearly any tank
- Hollow mounting bolts secure the pump flange to the bottom of the tank and provide an outlet for wiring and pressurized fuel
- A fiber media filter, placed at the lowest point in the tank prevents contaminants from damaging the fuel pump
- Fuel pump, inlet hose, an in-tank filter, mounting hardware, and instructions

S&S® IN-TANK FUEL PUMP SPECIFICATIONS			
Manufacturer	Pressure	Capacity	Current Draw
Walbro	4 Bar/58 PSI	45 Lt/Hr	5 Amps

For Fuel Injected Custom Bikes	55-5089	\$923.95
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REPLACEMENT PARTS FOR FUEL PUMP		
Filter	19-0458	\$32.95
Hardware Kit	55-5094	\$101.95



NOTE This is not a stock replacement pump for Harley-Davidson® motorcycles.

TOOLS FOR S&S® X-WEDGE® ENGINES

CAM ALIGNMENT TOOLS

- Three dowel pins are used to position each of the three cam belt pulleys with alignment holes in the cam plate
- Cam Belt Tensioner Socket allows for the easy removal and installation of cam drive belt

Cam Alignment Dowels	106-0576 (3 pack)	\$34.95
Cam Belt Tensioner Socket	106-0750	\$61.95

106-0750



MAIN BEARING INSTALLATION TOOL

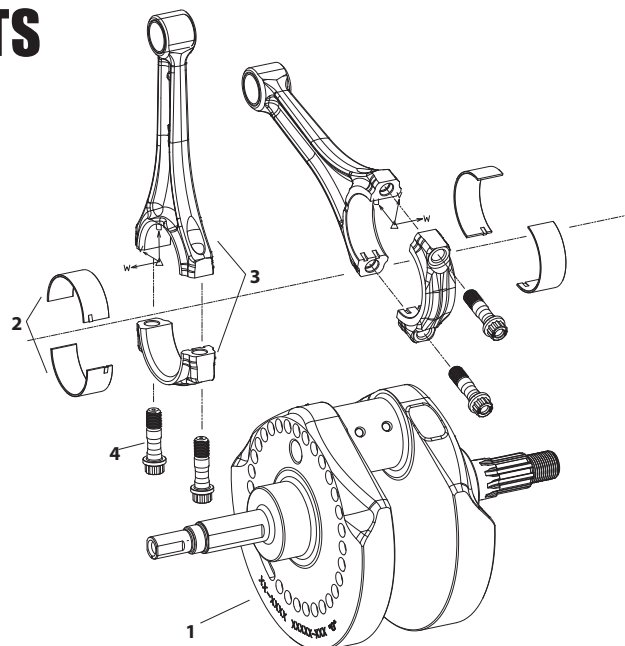
- Consists of a bearing guide that holds the two plain bearing halves in position and a shouldered press tool that fits through the guide to press the new bearings into the crankcase
- The press tool is also used by itself to press old bearings out of the crankcase
- For cam and driveside bearings in X-Wedge engines
- A hydraulic or arbor press is required to install or remove bearings.

106-0718 | \$113.95



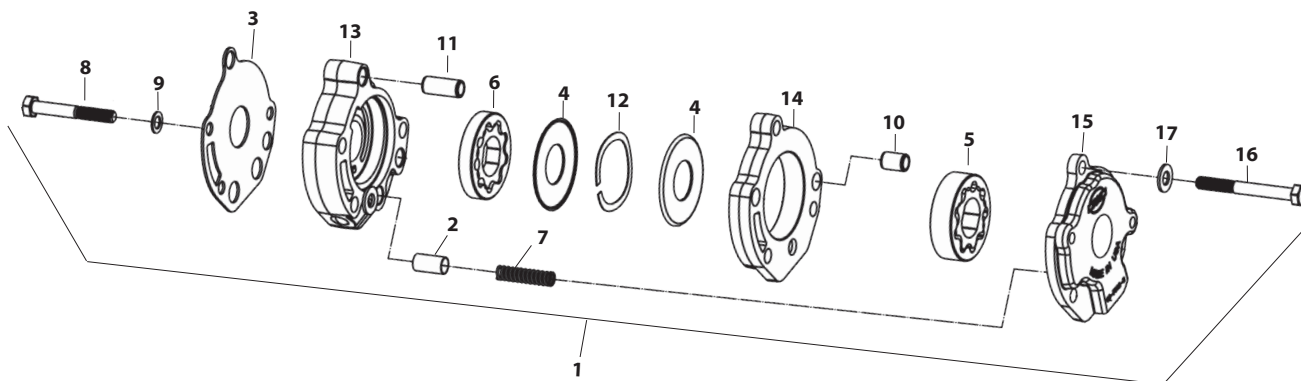
CRANKSHAFT REPLACEMENT PARTS

1. Crankshaft Assembly (includes #2, 3, 4)
 - All X-Wedge w/ 43/8" stroke - X117/X132 **106-0609** \$1,999.95
 - All X-Wedge w/ 41/4" stroke - X114/X121/X128 **106-0608** \$1,999.95
2. Bearing Insert (4 pack) **106-0569** \$69.95
3. Connecting Rod (each) - front or rear **106-0583** \$229.95
4. Bearing Cap Screw (each) **50-0346-S** \$14.95



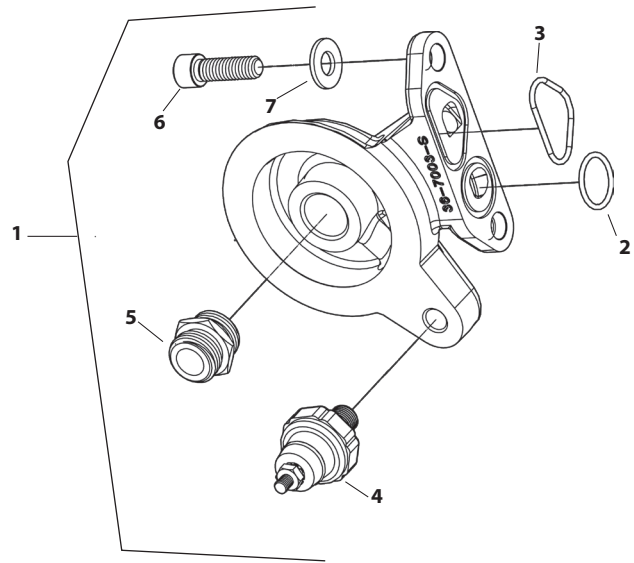
OIL PUMP REPLACEMENT PARTS

- | | | | | | |
|---|------------------|----------|--|-----------------|---------|
| 1. Oil pump, kit, X-Wedge | 106-0680 | \$394.95 | 11. Dowel pin, .437" x 1" (each) | 50-8284 | \$6.95 |
| 2. Valve, pressure relief, X-Wedge | 106-0774 | \$14.95 | 12. Spring, wave, 1.60" x 2" x .085" | 106-0773 | \$28.95 |
| 3. Plate, S&S oil pump, X-Wedge | 106-0694 | \$17.95 | 13. Oil pump, body, supply, X-Wedge | 106-0679 | \$73.95 |
| 4. Plate, divider, S&S oil pump, X-Wedge (each) | 36-7005 | \$89.95 | 14. Oil pump, body, return, X-Wedge (Includes dowel pin #11) | 106-0678 | \$80.95 |
| 5. Rotor, set, oil pump return, X-Wedge | 106-0717 | \$78.95 | 15. Cover, oil pump, return, X-Wedge | 106-0596 | \$46.95 |
| 6. Rotor, set, oil pump supply, X-Wedge | 36-7021-S | \$38.95 | 16. Screw, HHC, GR8, 5/16-18 x 3 | 106-1694 | \$1.95 |
| 7. Spring, relief valve, X-Wedge (each) | 36-7041 | \$4.95 | 17. Washer, flat, .344" x .688" x .065", zinc, steel | 50-7034 | \$0.95 |
| 8. Screw, HHC, 5/16-18 x 2 1/4 (each) | 50-0462 | \$4.95 | | | |
| 9. Washer, flat, zinc, .319" (each) | 50-7026 | \$4.95 | | | |
| 10. Dowel pin, .437" diameter x .610" (each) | 50-8177 | \$5.95 | | | |
| 4 pack | 50-8177-4 | \$12.95 | | | |



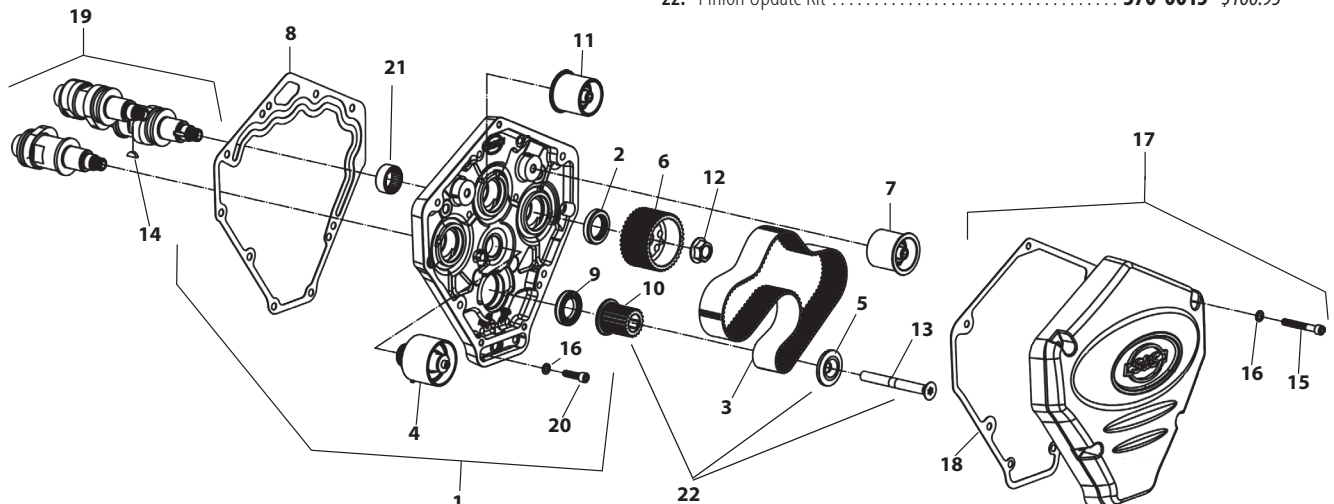
OIL FILTER BRACKET REPLACEMENT PARTS

- | | | |
|---|------------------|----------|
| 1. Bracket, oil filter, X-Wedge | | |
| Polished | 106-0572 | \$124.95 |
| Silver | 106-0573 | \$113.95 |
| Wrinkle black | 106-0574 | \$113.95 |
| 2. O-ring, Viton, -017 | 50-0466 | \$4.95 |
| 3. O-ring, Viton, size -022 (each) | 50-8005 | \$4.95 |
| 4. Switch, oil pressure, packaged, X-Wedge | 106-0744 | \$29.95 |
| 5. Fitting, straight, 3/4-16 UNF 2a (each) | 50-8197-S | \$14.95 |
| 6. Screw, SHC, 5/16-18 x 1, zinc | 50-0101 | \$0.95 |
| 7. Washer, flat, 3/16 x 1 1/4 x 1/16, zinc, steel | 50-7034 | \$0.95 |



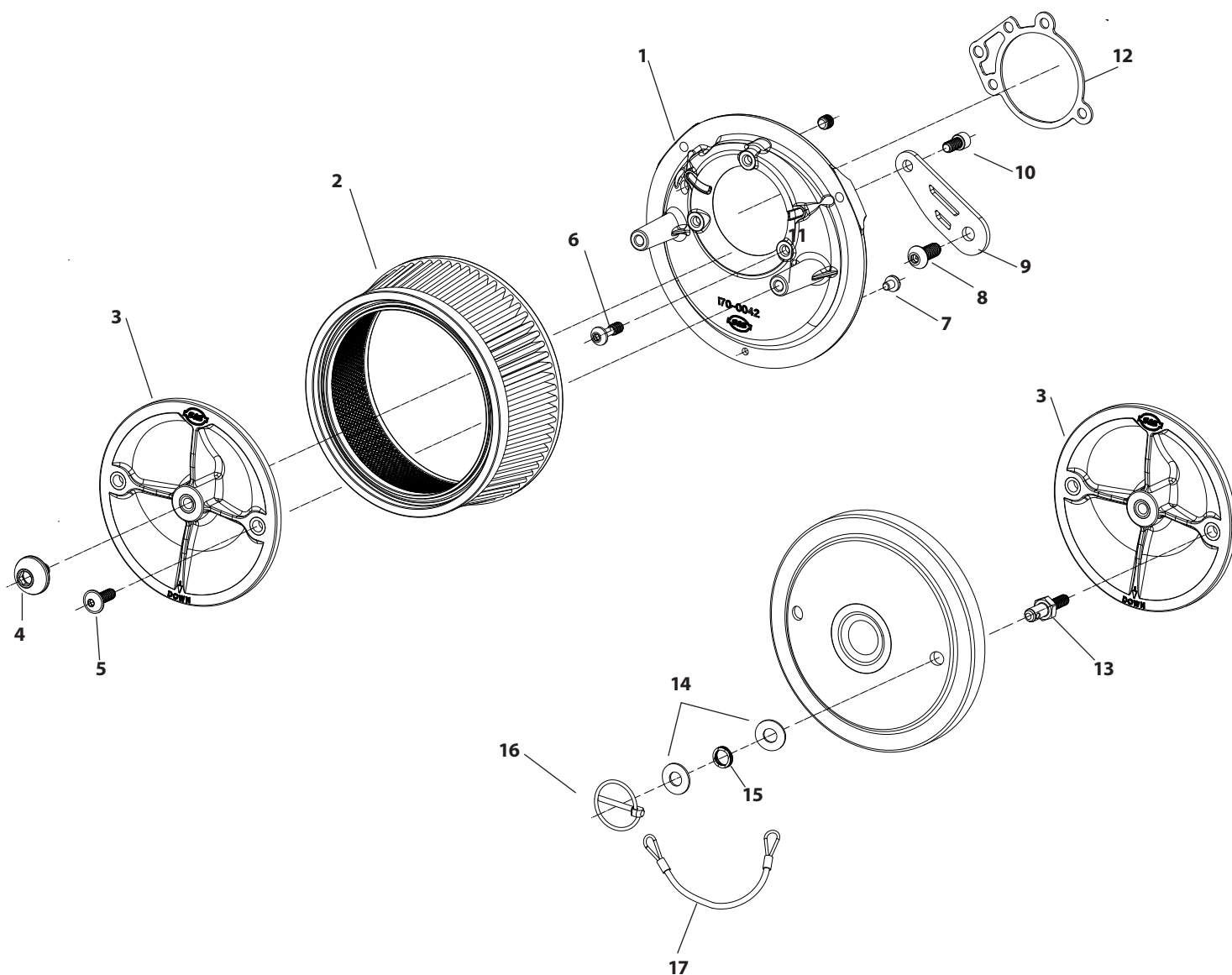
CAMS AND RELATED VALVE TRAIN COMPONENTS REPLACEMENT PARTS

- | | | |
|---|------------------|----------|
| 1. Cover, intermediate cam (includes gasket and hardware) | | |
| Polished | 106-0590 | \$405.95 |
| Silver | 106-0591 | \$405.95 |
| Wrinkle black | 106-0592 | \$405.95 |
| 2. Seal, cam cover/cam, .875" x 1.375" x .250", viton | | |
| each | 37-0230 | \$19.95 |
| 3. Belt, cam drive, 127 tooth, 30mm | 106-0571 | \$140.95 |
| 4. Tensioner, belt, packaged, 30mm | 370-0007 | \$225.95 |
| 5. Washer, pinion sprocket, flanged | 500-0324 | \$16.95 |
| 6. Sprocket, cam, 38-tooth | 106-0740 | \$24.95 |
| 7. Pulley, front, idler, 1.50" x 30mm | 106-0696 | \$57.95 |
| 8. Gasket, intermediate cam cover | 37-0097 | \$23.95 |
| 9. Seal, pinion, dual lip, 22mm x 35mm x 7mm | 37-0044 | \$20.95 |
| 10. Sprocket, pinion, 19-tooth | N/A | — |
| 11. Pulley, rear, idler, 1.50" x 30mm | 106-0697 | \$57.95 |
| 12. Nut, Jam, HH, 1/2-20, Zinc | 500-0325 | \$3.95 |
| 13. Bolt, 3/8" Wrenching, Flanged, 12 pt, 3/8-24 | 500-0322 | \$9.95 |
| 14. Key, woodruff, .125" x .500" x .491", steel | | |
| each | 50-8223-S | \$4.95 |
| 5 pack | 50-1010 | \$4.95 |
| 15. Screw, SHC, 1/4-20 x 1 3/4", chrome | 50-0488± | \$6.95 |
| 16. Washer, flat, .260" x .425" x .060", chrome, steel | | |
| each | 50-7017± | \$4.95 |
| 12 pack | 50-7013± | \$9.95 |
| 17. Cover, belt drive | | |
| Chrome | 106-0587± | \$299.95 |
| 18. Gasket, belt drive cover | 106-0087 | \$7.95 |
| 19. Camshaft, kit, .548 | 106-0577 | \$507.95 |
| 20. Screw, SHCS, 1/4-20 x 7/8" | 50-0025 | \$0.95 |
| 21. Bearing, assembly, outer | 106-1424 | \$18.95 |
| 22. Pinion Update Kit | 370-0015 | \$166.95 |



STEALTH AIR CLEANER KIT REPLACEMENT PARTS

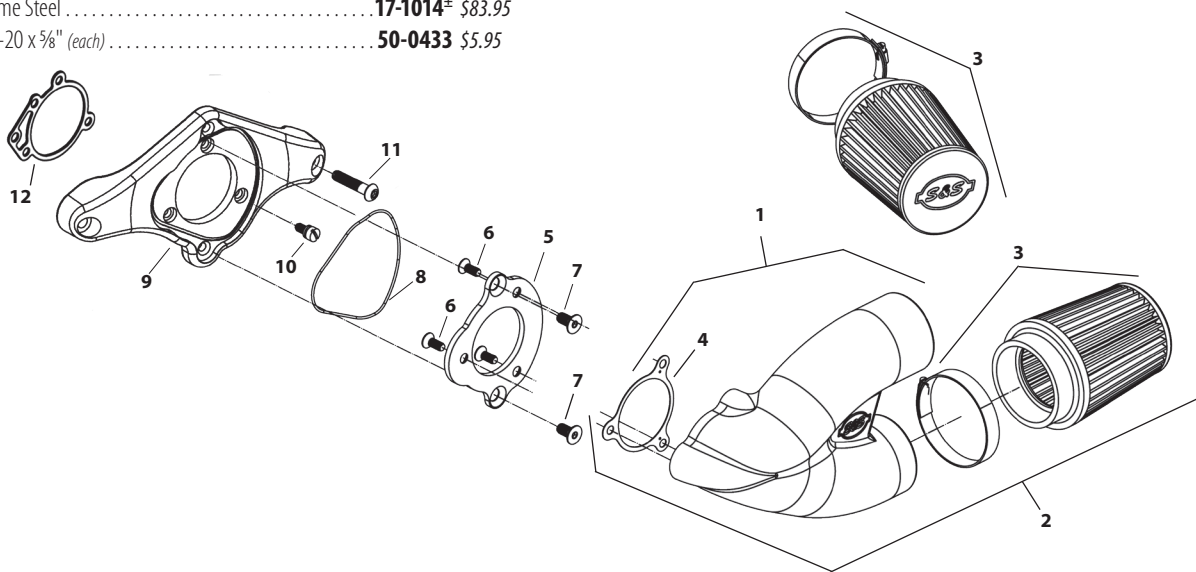
- | | |
|--|--------------------------|
| 1. Backplate, Air Cleaner, Stealth, Machined, Powder coated, WBlack, Die Cast, X-Wedge® | 170-0199 \$113.95 |
| 2. Filter, Air, Tapered, Standard Pleated, 5.500" x 6.000" x 2.375", Cotton, Stealth Air Cleaner Kit | 170-0126 \$46.95 |
| 3. Plate, Top, Air Filter, Molded, Plastic | 170-0026 \$15.95 |
| 4. Screw, SHCB, 5/16-18 x .500", Polished, Stainless Steel | 170-0508 \$19.95 |
| 5. Screw, SHC, Flanged Button, 1/4-20 UNC x .750" | 500-0060 \$4.95 |
| 6. Screw, SHCB, 1/4-20 UNC x .825" | 500-0059 \$4.95 |
| 7. Screw, PH, 10-24 x 1/4", Zinc, Steel (each) | 50-0041 \$4.95 |
| 10 pack | 50-0062 \$6.95 |
| 8. Screw, BHC, w/ Thread Lock, 5/16-18 x 3/4", Chrome, ASTM A574-92A | N/A — |
| 9. Bracket, Backplate Mounting, Stealth Air Cleaner, Chrome Plated, Steel, X-Wedge® | 170-0202 \$45.95 |
| 10. Screw, SHC, w/ Thread Lock, 1/4-20 x 1/2", Zinc Plated, Alloy Steel | 106-2084 \$4.95 |
| 11. Plug, Pipe, 3/4 Taper, 1/16-27 NPTF x .156", Zinc, Steel | 50-8332 \$0.95 |
| 12. Gasket, Backplate Throttle Body, Stock CV/EFI Standard | 106-1724 \$5.95 |
| Lanyard Style | 170-0137 \$27.95 |
| 13. Screw, Hex, Hood-pin, 1/4-20, UNC | 500-0113 \$18.95 |
| 14. Washer, Fender, Chrome Plated | 500-0094 \$4.95 |
| 15. Spring, Wave Washer, Stainless Steel | 500-0093 \$8.95 |
| 16. Lynch Pin | 500-0083 \$24.95 |
| 17. Lanyard, 6" Stainless Steel | 500-0095 \$10.95 |
| 18. Sealant, Loctite®, #243, 5ml, Blue (not shown) | 51-9003 \$9.95 |



SINGLE BORE TUNED INDUCTION SYSTEM

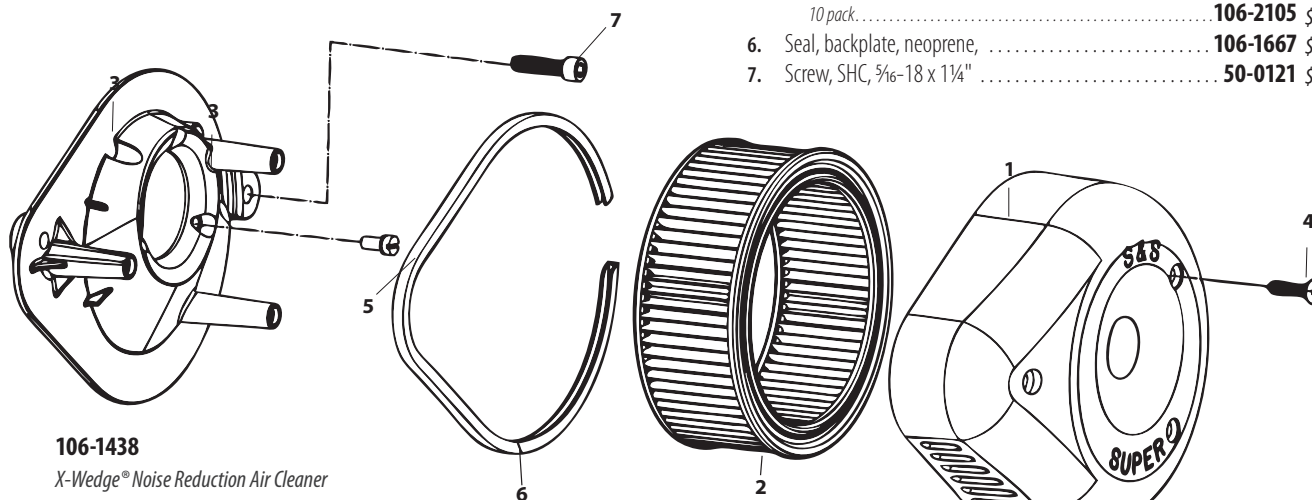
REPLACEMENT PARTS

1. Tuned Intake Kit, 2.19" Single Bore
 Gloss Black **170-0454** \$334.95
 Chrome Plated **106-4967±** \$338.95
2. Tuned Intake Assembly, 2.19" Single Bore
 Natural **106-4968** \$202.95
 Chrome Plated **106-4970±** \$229.95
3. Air Filter, with Clamp, Stainless Cap – Conical – 2 $\frac{7}{16}$ " I.D. x 4"
 Red (each) **17-1020** \$62.95
 Blue (each) **17-1023** \$62.95
4. Gasket, Intake – Adapter Plate, 2.19" Single Bore Tuned Intake
 **17-1022** \$7.95
5. Plate, Adapter, 2.19" Single Bore Tuned Intake
 Chrome Steel **17-1014±** \$83.95
6. FHSC $\frac{1}{4}$ -20 x $\frac{5}{8}$ " (each) **50-0433** \$5.95
7. FHSC $\frac{5}{16}$ -18 x $\frac{3}{4}$ " (each) **50-0432** \$7.95
8. O-Ring, Adapter Plate Bracket, 3 $\frac{3}{8}$ " O.D. x 3 $\frac{1}{2}$ " I.D. $\frac{1}{16}$ CS, Viton®
 each **50-0446** \$5.95
9. Bracket Kit, S&S X-Wedge® **N/A** —
10. Backplate Screw LSHC Black Oxide (X-Wedge Only) **106-0817** \$5.95
11. Screw, Button Head Cap Screw, $\frac{5}{16}$ -18 x 1 $\frac{1}{2}$ " Grade 5, Chrome
 each **50-0309-S±** \$7.95
12. Gasket, Backplate (each) **106-1724** \$5.95
 10 pack **106-2328** \$29.95
13. Filter oil, 8oz. bottle (N/S)
 Red **106-1163** \$33.95
 Blue **106-1164** \$30.95



TEARDROP AIR CLEANER REPLACEMENT PARTS

1. Air Cleaner Cover
 Chrome, Slasher **17-0004±** \$171.95
2. Element, pleated **106-4722** \$26.95
3. Backplate SBFFI **106-0568** \$99.95
4. Screw, oval $\frac{1}{4}$ -20 x 1 (each) **50-0072** \$4.95
 3 pack **50-1052** \$5.95
 10 pack **50-0094** \$10.95
5. Backplate screw, Zinc Plated
 each **106-2084** \$4.95
 10 pack **106-2105** \$9.95
6. Seal, backplate, neoprene **106-1667** \$8.95
7. Screw, SHC, $\frac{5}{16}$ -18 x 1 $\frac{1}{4}$ " **50-0121** \$0.95



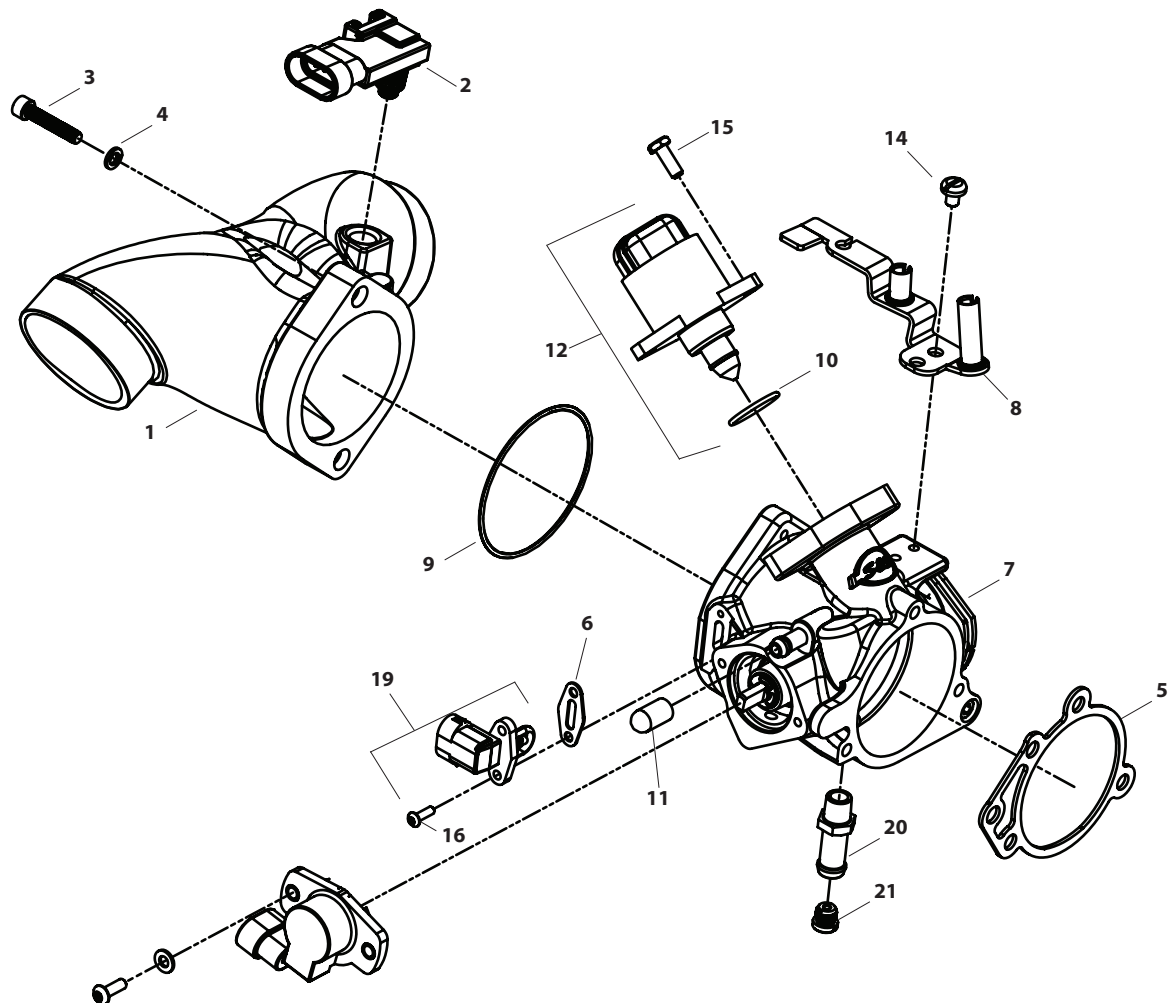
106-1438

X-Wedge® Noise Reduction Air Cleaner

± ⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

THROTTLE BODY AND RELATED REPLACEMENT PARTS

- | | | | | | |
|---|------------------|----------|--|------------------|----------|
| 1. Manifold, SBEFI, 2 1/8", X-Wedge
Natural | 106-0674 | \$180.95 | 12. Motor, kit, idle air control, EFI | 55-5085± | \$102.95 |
| 2. Sensor kit, map, IST, w/VOES fitting | 55-1037 | \$62.95 | 14. Screw, SLTD, PH, 10-24 x 1/4 (each) | 50-0041± | \$4.95 |
| 3. Screw, SHSC, 10-24 x 1" (each) | 50-0359-S | \$0.95 | 10 pack | 50-0062 | \$6.95 |
| 4. Washer, lock, .200" x .334" x .047", zinc, steel | 50-7000 | \$0.95 | 15. Screw, 10-24 x .500 trimmed HXHD m/s (each) | 50-0356-S | \$0.95 |
| 5. Gasket, backplate, Super E & G
52mm (each) | 106-1724 | \$5.95 | 16. Screw, torx, m3 x 10mm, zinc, steel | 50-0357-S | \$0.95 |
| 10 pack | 106-2328 | \$29.95 | 19. Sensor, kit, temperature, intake air | 55-5041 | \$20.95 |
| 58mm | 106-4662 | \$7.95 | 20. Fitting, hose, straight, 1/8-27 NPTF x .375", w/ 3/16 T, zinc, steel
each | 106-2981± | \$13.95 |
| 6. Gasket, Air Temperature Sensor, S&S® VFI | 16-5009-S | \$6.95 | 21. Jet, Main, Series 72, .100" (each) | 11-4100 | \$11.95 |
| 7. Throttle body, assembly, single bore, w/tps, natural
52mm | 106-3141 | \$338.95 | 5 pack | 11-7250 | \$41.95 |
| 58mm | 106-3960 | \$338.95 | 22. Throttle position sensor | N/A | — |
| 8. Guide, throttle cable, w/hardware, X-Wedge | 106-0634 | \$57.95 | | | |
| 9. O-ring, (-036), 2.364" ID x 2.504" OD, nitrile | 50-7967-S | \$4.95 | | | |
| 10. O-ring, (-018) .739" ID x .879" OD x .070, viton | 50-8149-S | \$4.95 | | | |
| 11. Cap, canister purge fitting (each) | 50-8266-S | \$7.95 | | | |

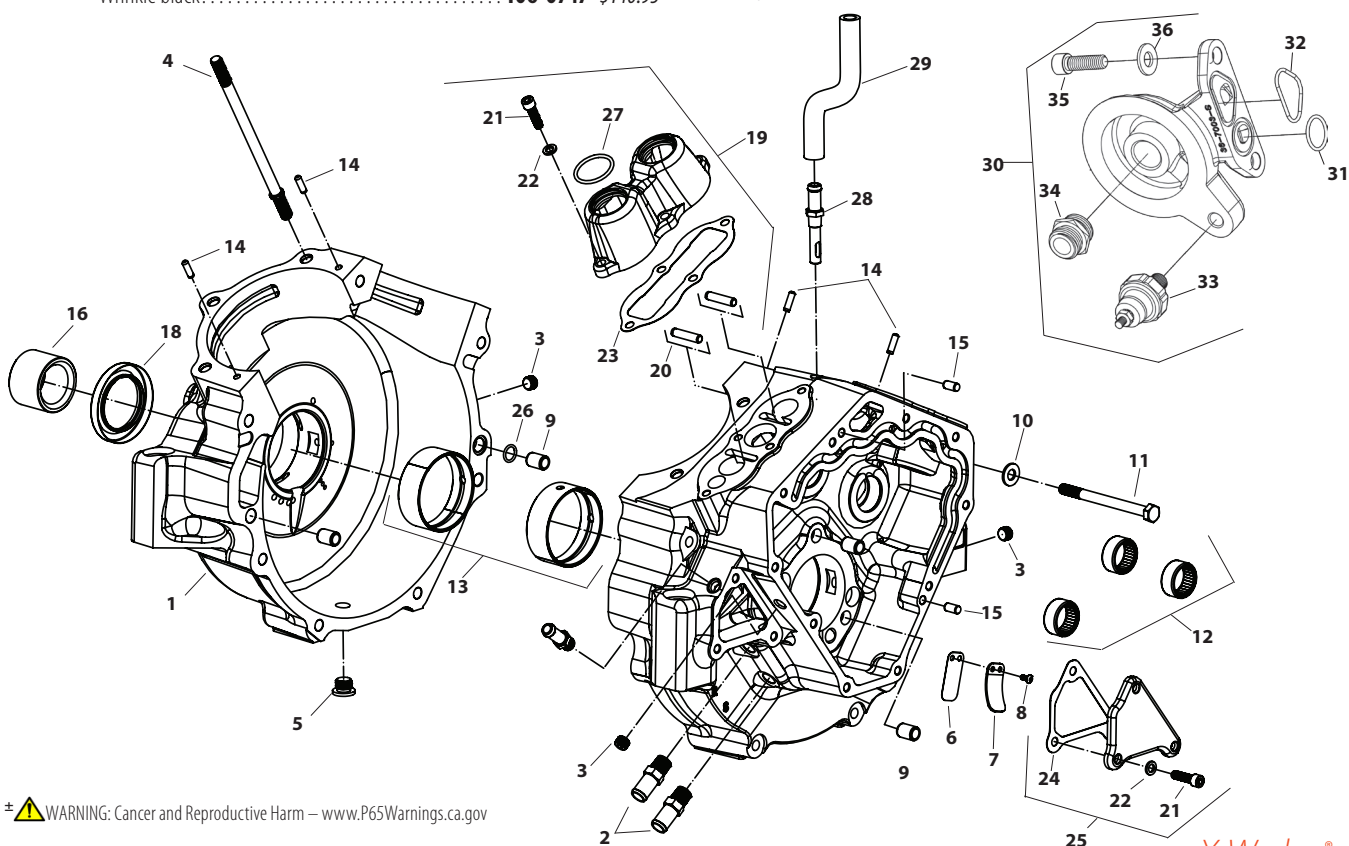


CRANKCASE REPLACEMENT PARTS

1. Crankcase Set - See page 4
2. Fitting, pipe, straight 1/4-18 NPTF x 1.510 x 1/2, zinc **50-8158-S** \$9.95
3. Plug 1/8-27 NPT with taper (each) **50-8331A** \$4.95
10 pack **50-1015** \$12.95
4. Stud, cylinder base, 6.68", black oxide (each) **31-2321-S** \$7.95
8 pack **31-2321** \$39.95
5. Transmission crankcase drain plugs with o-ring
Plug, magnetic, SH, 1/2-20 **50-8335** \$14.95
6. Reed, breather valve, X-Wedge **36-7031** \$6.95
7. Stop, breather reed valve, X-Wedge **36-7032** \$6.95
8. Screw, BHS, 6-32 x 5/16", stainless steel **50-0060-S** \$4.95
9. Pin, dowel, .438 diameter x .610 (each) **50-8177** \$5.95
4 pack **50-8177-4** \$12.95
10. Washer, flat, 3/16 x 1 1/16 x 1/16 **50-7034** \$0.95
11. Screw, HHCS, 5/16-18 x 3 3/4", zinc **50-0011** \$4.95
12. Bearing, assembly, inner, needle, cam, 1999-up BT **31-4080** \$13.95
13. Bearing, main journal, standard, plain **34-8640-S** \$18.95
14. Dowel pin, .187" x .635" (each) **50-8031** \$4.95
15. Dowel pin, 1/4" x 1/2" (each) **50-8022** \$5.95
2 pack **50-8022-2** \$10.95
5 pack **50-8105** \$10.95
16. Spacer, charging system, 1.75" x 1.25" **N/A** -
17. Fitting, pipe, straight, male, chrome, steel,
1/8-27 NPTF x 1.344" x .375" (each) **50-8129-S±** \$9.95
18. Left main bearing oil seal 1970-up BT (each) **31-4010** \$10.95
5 pack **31-4110** \$45.95
Main bearing oil seal, X-wedge® engines for Morgan® **500-0132** \$19.95
19. Tappet cover, set, X-Wedge
Polished **106-0745** \$157.95
Silver **106-0746** \$140.95
Wrinkle black **106-0747** \$140.95
20. Pin, dowel, .250" x 1.125" **50-8287** \$4.95
21. Screw, SHCS, 1/4-20 x 7/8"
Bright zinc **50-0025** \$0.95
Chrome **106-0534±** \$5.95
22. Washer, flat, .260" x .425" x .060", chrome, steel (each) **50-7017±** \$4.95
12 pack **50-7013±** \$9.95
23. Gasket, tappet cover, X-Wedge (each) **37-0006** \$9.95
24. Gasket, reed pocket, X-Wedge (each) **36-0097** \$11.95
25. Cover, reed pocket, X-Wedge
Polished **106-0597** \$69.95
Silver **106-0598** \$54.95
Wrinkle black **106-0599** \$59.95
26. O-ring, oil feed line (-13), .437" I.D. x .565" O.D., Viton®
each **50-8008** \$4.95
10 pack **50-8078** \$11.95
27. O-ring, bottom, pushrod tube (-122), 1.112" I.D. Viton **50-7964-S** \$4.95
28. Fitting, hose, straight, 1/8-27 NPTF x .500 **50-8218-S** \$46.95
29. Hose, vent, breather, .375" x .625" **106-3011** \$6.95
30. Bracket, oil filter, X-Wedge
Polished **106-0572** \$124.95
Silver **106-0573** \$113.95
Wrinkle black **106-0574** \$113.95
31. O-ring, Viton, -017 **50-0466** \$4.95
32. O-ring, Viton, size -022 (each) **50-8005** \$4.95
33. Switch, oil pressure, X-Wedge **106-0744** \$29.95
34. Fitting, straight, 3/4-16 UNF 2a **50-8197-S** \$14.95
35. Screw, SHC, 5/16-18 x 1, zinc **50-0101** \$0.95
36. Washer, flat, 3/16 x 1 1/16 x 1/16, zinc, steel **50-7034** \$0.95

NOT SHOWN:

- Crank position sensor **106-0734** \$129.95



CYLINDER HEAD REPLACEMENT PARTS

1. Head, kit, .585", SW steel, X-Wedge
 - Full polished..... **106-0644** \$1,799.95
 - Silver..... **106-0646** \$1,350.95
 - Wrinkle black..... **106-0647** \$1,350.95
2. Valve
 - Intake, 2" x 4.450", @ 1.943" gauge..... **90-2000** \$31.95
 - Exhaust, 1.605" x 4.428", @ 1.509" gauge..... **90-2001** \$69.95
3. Valve seat
 - Intake, 2.000"..... **90-2002** \$26.95
 - Exhaust, 1.605"..... **90-2003** \$59.95
4. Valve guide, intake/exhaust..... **106-2162** \$17.95
5. Head bolt, kit, S&S heads, w/washer, 12 pt
 - $\frac{3}{8}$ -16 x 1.940" x .950" TD..... **93-3028** \$12.95
6. Washer, .515" x .900" x .150"..... **50-0418-S** \$6.95
7. Gasket, exhaust, stainless steel (each)..... **106-5029** \$4.95
 - 10 pack..... **93-1072** \$51.95
8. Exhaust port stud $\frac{5}{16}$ " x 1.7" (each)..... **50-0493** \$4.95
 - 5 pack..... **50-1028** \$15.95
9. Screw, SHCS, $\frac{5}{16}$ -18 x 1", zinc..... **N/A** -
10. Bolt, mounting, HH, grade 5, $\frac{5}{16}$ -18 x 1", zinc (each)..... **50-0108** \$4.95
11. Washer, flat, .344" x .688" x .065", zinc..... **50-7034** \$0.95
12. Flange, manifold, X-Wedge (each)..... **16-0150** \$24.95
13. Seal, manifold, 2.060" x 2.285" x .0240" (each)..... **16-6601** \$15.95
 - 10 pack..... **106-0676** \$135.95
14. Sensor, kit, knock, IST, w/o bracket..... **N/A** -
15. Sensor, temperature, cylinder head, $\frac{4}{16}$ "..... **55-1014** \$180.95
16. Gasket, head, .043", graphite
 - $\frac{4}{16}$ "..... **93-1130** \$14.95
 - $\frac{4}{14}$ "..... **93-1131** \$26.95
 - $\frac{4}{38}$ "..... **93-1132** \$45.95
17. O-ring, (-220), 1.375" ID x 1.625" OD, viton (each)..... **50-8245-S** \$5.95
18. Pushrod cover, set, X-Wedge..... **106-0698** \$94.95
19. Stud, $\frac{5}{16}$ -24, $\frac{7}{16}$ -14 x 2.44" (each)..... **50-0497** \$7.95
20. Retainer, Set, alignment, rocker arm support..... **106-0730** \$46.95
21. Rocker arm, set, X-Wedge..... **106-0716** \$67.95
22. Nut, Lock, HH, Gr8, $\frac{5}{16}$ -24 x $\frac{17}{64}$ ", Zinc Plated, Steel (each)..... **106-1749** \$4.95
23. Washer, flat, .344" x .688" x .065", zinc..... **50-7034** \$0.95
24. O-ring, bottom, injector, .310" ID x .580" OD..... **50-8265-S** \$5.95
25. Fuel injector, assembly, style B, 31.3lbs/hr@58psi..... **55-5005** \$113.95
26. O-ring, top, injector, .290" ID x .570" OD..... **50-8264-S** \$5.95
27. Insulator, hold down, fuel injector (each)..... **106-1303** \$4.95
28. Clamp, front, hold-down, fuel injector..... **106-0578** \$72.95
30. Screw, SHC, $\frac{1}{4}$ -20 x $\frac{7}{8}$, zinc..... **50-0025** \$0.95
31. Valve, bleed, $\frac{1}{16}$ -27 NPT..... **N/A** -
32. Fuel line, cut to size, $\frac{5}{16}$ " x 12", black, rubber (each)..... **106-0159** \$16.95
33. Fuel line, cut to size, $\frac{5}{16}$ " x 2.250", black, rubber (each)..... **106-0157** \$10.95
34. Clamp, Hose, Stepless® Ear, 15.3mm..... **106-2250** \$5.95
35. Fitting, hose, tee, $\frac{5}{16}$ ", black, glass filled, nylon (each)..... **106-0409** \$6.95
36. Rocker Cover Gasket (each)..... **39-0010A** \$23.95
 - 2 pack..... **106-0622** \$69.95
37. Rocker Cover (includes cover screw, washers and gasket(s))
 - Front or Rear..... **106-0600** \$282.95
 - Set..... **106-0593** \$507.95
38. Washer, Flat, .319" x .545" x .042", Zinc Steel (each)..... **50-7026** \$4.95
39. Screw, SHC, 5/16-18 x 1-7/8" Polished Chrome (10 pack) **106-1058±** \$75.95

.585" Lift Street Performance Valve Springs

40. Spring, valve, Sidewinder .585"..... **900-0444** \$31.95
41. Collar, top, valve spring, .585", steel..... **900-0550** \$11.95
42. Valve seal (4 pack)..... **900-0737** \$11.95
43. Collar, Bottom..... **900-0600** \$9.95
44. Valve keeper (each)..... **90-2094-S** \$5.95
 - 8 pack..... **50-7166** \$23.95
45. Shim (for rebuild only)
 - .015" (each)..... **90-2086** \$4.95
 - 5 pack..... **50-7161** \$7.95
 - .030" (each)..... **90-2087** \$4.95
 - 5 pack..... **90-2198** \$9.95

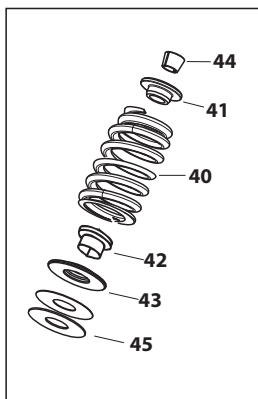
.650" Lift Sidewinder® Valve Springs

46. Spring, Valve .650" (each)..... **106-5689**
 - (set of 4)..... **106-5927** \$57.95
47. Collar, Top, Steel..... **106-5690** \$157.95
48. Collar, Bottom, Steel..... **106-3827** \$15.95
49. Valve Keeper
 - each..... **90-2094-S** \$5.95
 - 8 pack..... **50-7166** \$23.95
50. Shim
 - .015" (each)..... **500-0013** \$4.95
 - .030" (each)..... **500-0014** \$4.95

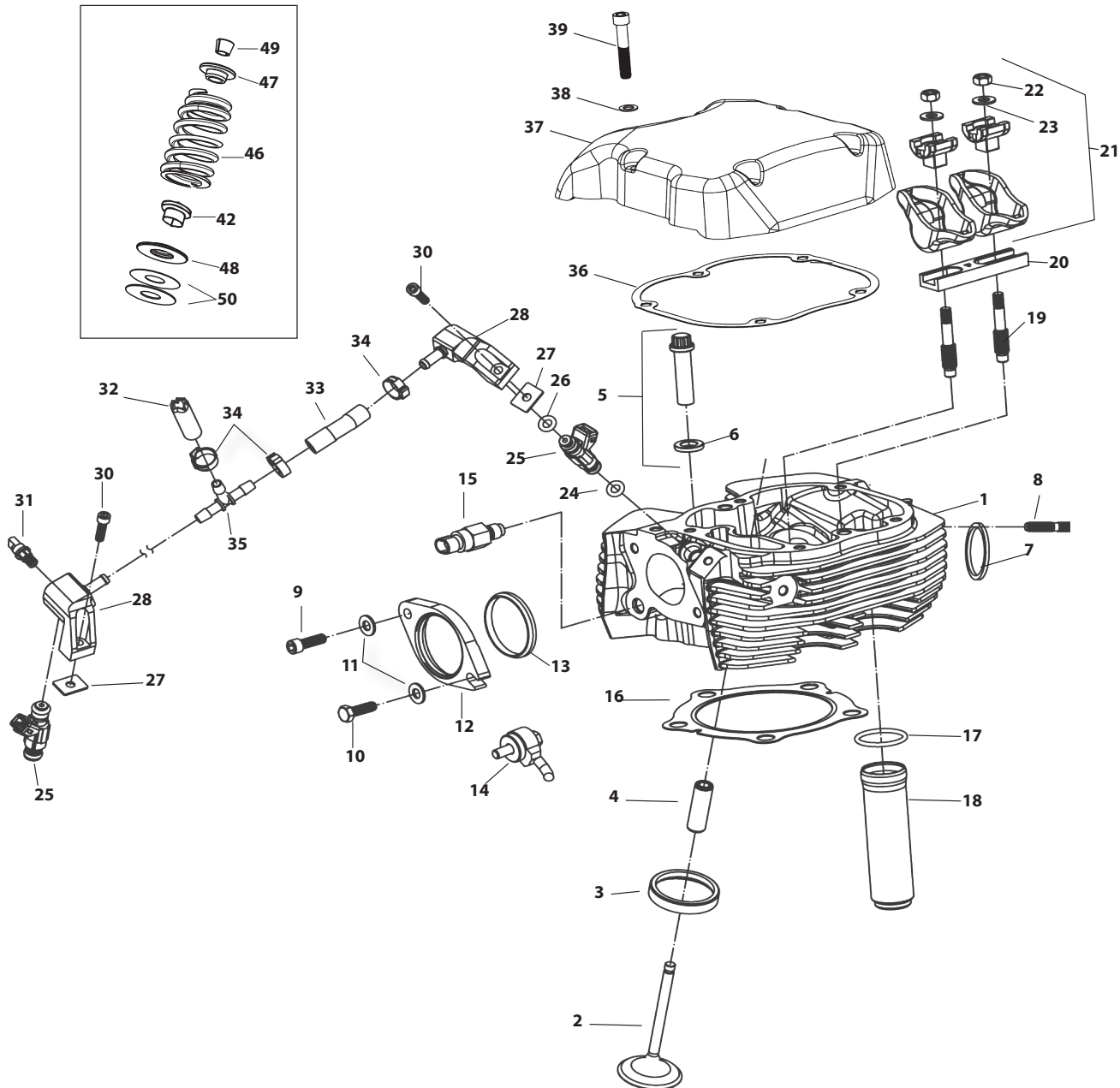
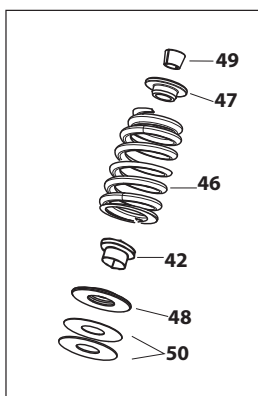
GASKET KITS

Description	Bore Size	Part #	MSRP
Top End Rebuild Kit	$\frac{4}{14}$ "	90-9701	\$170.95
	$\frac{4}{8}$ "	106-1262	\$139.95
Complete Engine Rebuild Kit	$\frac{4}{8}$ "	106-1030	\$224.95
	$\frac{4}{14}$ "	106-1029	\$229.95
	$\frac{4}{38}$ "	106-1031	\$299.95

.585" Lift Street Performance Valve Springs



.650" Lift Sidewinder® Valve Springs





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