

NEW! Honda - VTX 1800
2002-06



- Cylinder deglazing required for CK146.
- Resleeving required for CK136 (W6040).
- Includes: Forged pistons, rings, retainer clips, piston pins, head & base gaskets.

10.5:1 Compression

KIT PART NO. \$441.21 (D37462) \$435.80 (D84162)	CC DISPL.	BORE	STROKE	REPL. PISTON \$152.41 (D4419)	REPL. RING SET \$38.59 (D4171)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional)
CK146	1795cc	101.00mm	112mm	4800M10100	10100XS	W6045	W6166
CK136	1934cc	104.77mm		4775M10477	4127GF	\$5.36 (D123) S657 \$11.88 (D929)	\$136.39 (D4818)

DOMESPECIFICATION
Valve pocket dimensions are measured from Deck Height.

Dome Volume: -11.8cc

Intake Pocket
Depth: -.075"
Diameter: 1.900"

Exhaust Pocket
Depth: -.075"
Diameter: 1.900"



NEW! Yamaha
Royal Star Venture •
Custom Midnight Star 1996-99

- Cylinder boring only.
- Includes: Forged pistons, ring sets, piston pins, reatiner clips & spring steel head gaskets.

10.5:1 Compression

Ring Package: Top Ring 1mm • 2nd Ring 1mm • Oil Ring 2mm

KIT PART NO. \$626.68 (D10673)	CC DISPL.	BORE	STROKE	REPL. PISTON \$137.37 (D2428)	REPL. RING SET \$27.95 (D7761)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional)
CK103	1394cc	82mm	65.98mm	4685M08200	3228XG	CW19 \$2.00 (D021) S376 \$13.60 (D618)	W5785 \$77.20 (D2364)

DOMESPECIFICATION
Valve pocket dimensions are measured from Deck Height.

Dome Volume: -8.6cc

Intake Pocket
Depth: -.065"
Diameter: 1.340"

Exhaust Pocket
Depth: -.130"
Diameter: 1.140"



NEW! Yamaha - Road Star 1999-03

- CK177 requires cylinder deglazing.
- CK178 & CK179 require cylinder boring and replating, or resleeving.
- Includes: Forged pistons, ring sets, piston pins & retainer clips.
- Skirt coated.



10.5:1 Compression

Ring Package: Top Ring 1.2mm • 2nd Ring 1.5mm • Oil Ring 3mm

KIT PART NO. \$319.68 (D18191)	CC DISPL.	BORE	STROKE	REPL. PISTON \$159.84 (D0959)	REPL. RING SET \$34.95 (D7902)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional) \$61.79 (D8073)
CK177	1602cc	95mm	113mm	Fnt: 4878M09500 Rear: 4879M09500	9500XY	W5590 \$3.63 (D342) S655 \$13.60 (D618)	W6367

DOME SPECIFICATION	
<i>Valve pocket dimensions are measured from Deck Height.</i>	
Dome Volume:	+22cc
Intake Pocket	
Depth:	-.120"
Diameter:	1.600"
Exhaust Pocket	
Depth:	-.120"
Diameter:	1.360"

10.5:1 Compression

Ring Package: Top Ring 1.2mm • 2nd Ring 1.5mm • Oil Ring 3mm

KIT PART NO. \$319.68 (D18191)	CC DISPL.	BORE	STROKE	REPL. PISTON \$159.84 (D0959)	REPL. RING SET \$27.95 (D7761)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional) \$57.75 (D5643)
CK178	1670cc	97mm	113mm	Fnt: 4878M09700 Rear: 4879M09700	9700VA	W5590 \$3.63 (D342) S655 \$13.60 (D618)	W6368

DOME SPECIFICATION	
<i>Valve pocket dimensions are measured from Deck Height.</i>	
Dome Volume:	+19.8cc
Intake Pocket	
Depth:	-.120"
Diameter:	1.600"
Exhaust Pocket	
Depth:	-.120"
Diameter:	1.360"

10.5:1 Compression

Ring Package: Top Ring 1.2mm • 2nd Ring 1.5mm • Oil Ring 3mm

KIT PART NO. \$319.68 (D18191)	CC DISPL.	BORE	STROKE	REPL. PISTON \$159.84 (D0959)	REPL. RING SET \$34.95 (D7902)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional) \$57.75 (D5643)
CK179	1775cc	100mm	113mm	Fnt: 4878M01000 Rear: 4879M01000	1000XY	W5590 \$3.63 (D342) S655 \$13.60 (D618)	W6369

DOME SPECIFICATION	
<i>Valve pocket dimensions are measured from Deck Height.</i>	
Dome Volume:	+13.5cc
Intake Pocket	
Depth:	-.120"
Diameter:	1.600"
Exhaust Pocket	
Depth:	-.120"
Diameter:	1.360"

NEW! Road Star 2004-07
Road Star Warrior 2002-07



- CK178 requires cylinder deglazing.
- CK179 requires cylinder boring and replating, or resleeving.
- Includes: Forged pistons, ring sets, piston pins & retainer clips.
- Skirt coated.

10.5:1 Compression

Ring Package: Top Ring 1.2mm • 2nd Ring 1.5mm • Oil Ring 3mm

KIT PART NO. \$319.68 (D18191)	CC DISPL.	BORE	STROKE	REPL. PISTON \$159.84 (D0959)	REPL. RING SET \$27.95 (D7761)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional) \$57.75 (D5643)
CK178	1670cc	97mm	113mm	Fnt: 4878M09700 Rear: 4879M09700	9700VA	W5590 \$3.63 (D342) S655 \$13.60 (D618)	W6368

DOMESPECIFICATION
Valve pocket dimensions are measured from Deck Height.

Dome Volume: +19.8cc
Intake Pocket
Depth: -.120"
Diameter: 1.600"
Exhaust Pocket
Depth: -.120"
Diameter: 1.360"

10.5:1 Compression

Ring Package: Top Ring 1.2mm • 2nd Ring 1.5mm • Oil Ring 3mm

KIT PART NO. \$319.68 (D18191)	CC DISPL.	BORE	STROKE	REPL. PISTON \$159.84 (D0959)	REPL. RING SET \$34.95 (D7902)	REPL. RETAINER CLIP & PISTON PIN	GASKET KIT (Optional) \$61.79 (D8073)
CK179	1775cc	100mm	113mm	Fnt: 4878M10000 Rear: 4879M10000	1000XY	W5590 \$3.63 (D342) S655 \$13.60 (D618)	W6369

DOMESPECIFICATION
Valve pocket dimensions are measured from Deck Height.

Dome Volume: +13.5cc
Intake Pocket
Depth: -.120"
Diameter: 1.600"
Exhaust Pocket
Depth: -.120"
Diameter: 1.360"

All Wiseco rings can be used in cast iron, nickel ceramic platings (Nikasil), boron composite, and Electrofusion bores.
CAUTION: Wiseco 4-stroke rings can NOT be used in chrome plated bores. *Engine damage will occur.*

Type	Price	Bore Range	Top Ring	2nd Ring	Oil Ring (3-piece oil assemblies)
GF	\$34.95 (D7902)	93.54 - 105.61mm (3.683- 4.158")	1.2mm (.047") Alloy steel ferrox coated, chrome faced	1.2mm (.047") Cast iron phosphate coated, taper faced	3mm (.118") Stainless steel flex-vent spacer, chrome faced rails
VA	\$27.95 (D7761)	95-102mm (3.740-3.977")	1.2mm (.047") Alloy steel ferrox coated, chrome faced	1.5mm (.057") Cast iron phosphate coated, taper faced	3mm (.118") Stainless steel spacer, chrome faced rails
X	\$27.95 (D7761)	80.97 - 92.83mm (3.188 - 3.655")	1.58mm (.0625") Cast iron moly barrel faced	1.58mm (.0625") Cast iron taper faced, reverse torsion	3.9mm (.1525") Stainless steel flex-vent spacer, chrome faced rails
XG	\$27.95 (D7761)	75-83mm (2.953-3.268")	1mm (.039") Alloy steel ferrox coated, chrome faced	1mm (.039") Nodular iron phosphate coated, taper faced	2mm (.079") Stainless steel flex-vent spacer, chrome faced rails
XH	\$27.95 (D7761)	95-102mm (3.740-3.977")	1.2mm (.047") Alloy steel ferrox coated, chrome faced	1.5mm (.057") Cast iron phosphate coated, taper faced	4mm (.057") Stainless steel spacer, chrome faced rails
XK	\$24.95 (D7941)	98.42 - 99.19mm (3.875 - 3.905")	1.5mm (.057") Cast iron plasma moly faced	1.5mm (.057") Cast iron reverse torsion taper faced	2.5mm (.098") Stainless steel flex-vent spacer, chrome faced rails
XP	\$27.95 (D7761)	92.01 - 96.01mm (3.663 - 3.780")	1.5mm (.057") Cast iron plasma moly faced	1.5mm (.057") Cast iron reverse torsion taper faced	3mm (.118") Stainless steel flex-vent spacer, chrome faced rails
XS	\$32.43 (D6491)	95 - 104mm (3.740 - 4.094")	1.2mm (.047") Alloy steel ferrox coated, chrome faced	1.5mm (.057") Cast iron phosphate coated, taper faced	2mm (.079") Stainless steel flex-vent spacer, chrome faced rails
XY	\$34.95 (D7902)	95-100mm (3.740 - 3.937")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced	1.5mm (.057") Cast iron phosphate coated, taper faced	3mm (.118") Stainless steel flex-vent spacer, chrome faced rails
ZB	\$55.08 (D5033)	107.95mm (4.250)	1.1mm (.043") Ductile iron, plasma moly face	No second ring	2mm (.079") Stainless steel flex-vent spacer, chrome faced rails