

# AUTOMOTIVE CATALOGUE 2021



# WÖSSNER GROUP



## WE ARE THE INNOVATIVE SPECIALISTS FOR HIGH PERFORMANCE PISTONS, CONRODS, GASKETS AND VALVES.

Our products are to be found in engines operating at the highest levels of motorsport, in competition and, of course, in everyday use – in fact, anywhere, where longevity, highest performance and operational noise are important factors. Wössner products are the source of the superior power behind the success of well known motorsport teams at national and international race meets, and with distribution points and warehouses in Europe, North America and Asia our products are just a phonecall away.

# FORGING GROUP MONALE



Forging Group Monale was born in July 2009 when Mr. Wössner (owner of Wössner GmbH) bought an Italian aluminum forging company.

Considering equipment's presses and knowledge, we decided to enter in every field where forged parts are needed. We supply more than 50% abroad. We are a small company; this allowed us to give to our customers a very good service in term of reactivity, flexibility, competitiveness and quality.

We are certified ISO 9001:2015 and we adopted, from many years, the Organization Model 231.

We buy raw material in according to the Certify 3.1 and, when requested, raw material checked by Ultrasonic Test class "A" and "AA".

Alloys that we normally forge are 2014, 2024, 2618, 4032, 6060, 6082, 7003, 7020, 7022, 7055 and 7075.

We are able to produce raw parts with the complete forging process, it means that in FGM we can saw billets and below provide for pre heating, forging, trimming, heat treatment, tumbling and pickling. Quality department support the production with the Scan Laser for the dimensional check, with the automatic Crack Test equipment, with the Spectrometer and hardness equipment. We certify our forged parts and we guarantee traceability.

FGM can offer also machined and assembled parts, machining, anodizing and shot blasting. External suppliers make these. We are able to forge very small parts (few grams) as well as big parts (10/12 Kg).

Our forging presses are as follows:

- N° 3 hydraulic presses 1.000 Tons/each
- N° 1 Screw press 300 Tons
- N° 1 Screw press 600 Tons
- N° 1 Screw press 800 Tons
- N° 2 Screw presses 1.400 Tons

Every press has his pre heating oven. We have also mechanical presses from 60 Tons to 200 Tons for trimming.



# 70s FOUNDATION OF WÖSSNER

At the end of the 70s, Eckart Wössner starts by importing pistons into Germany.



## 1994

### OWN PISTONS

The in-house production of forging pistons took place in the 1990s, in 1994 the foundation stone for Wössner GmbH was laid.

## 2003

### GROWTH DEMAND

Wössner's expansive development requires an increase in the production area to fourfold in early 2003.



## 2005

### FOUNDATION OF WÖSSNER USA WEST COAST DIVISION

Wössner Group USA expands in 2005 with the founding of Wössner USA Inc. in California.

## 2009

### FORWARD IN MONALE

Wössner acquires its own smithy and thereby secures the quality of its metals: FGM Forging Group Monale now belongs to the Wössner Group.



## 2011

### FOUNDATION OF WÖSSNER ITALIA

The growing demand for high-performance forging pistons led to the founding of Wössner Italia Srl. in Monale.

## 2015

### FOUNDATION OF WÖSSNER ASIA

Headquartered in Taichung. Wössner pistons are still produced exclusively in Germany.



## 2016

### START OF CONSTRUCTION OF THE NEW COMPANY CENTER WÖSSNER LTD.

Located at Dreispitz in Haltingen / Weil am Rhein. It was completed in February 2018.

## 2017

### FOUNDATION OF THE WÖSSNER USA EAST DIVISION

In addition to the already established West Coast Division in California, Wössner USA expanded and founded the East Division in Ohio.



## 2018

### COMPLETION AND MOVE INTO THE NEW HEADQUARTERS OF WÖSSNER GMBH

Wössner GmbH moves to the new headquarters in Haltingen / Weil am Rhein, significantly increasing production.

## 2019

### 40TH ANNIVERSARY

One year after moving into the new headquarters, Wössner celebrates its 40th anniversary in March 2019. What began as a one-man business developed over decades into a globally operating company, which is constantly expanding.

# 2020 FOUNDATION OF WÖSSNER UK

Wössner UK is founded and moves into a new facility, increasing stock and reducing lead times on deliveries.

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## ALFA ROMEO

### 147 1.6 16V HIGH COMP FORGED PISTON KIT (1997-2010)

\* BORE: 82MM \* STROKE: 75.7MM \* COMP RATIO: 10.5:1  
ENGINE CODE: AR32104

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9138DA	82mm	0mm	1599cc	33mm	+8.5cc	11.5:1	20mm	WP052-SP	820XSY-3	CW20	-	-	A4.3
K9138D050	82.5mm	0.5mm	1618cc						825XSY-3				

### 145, 156, 155, 156, GTV & SPIDER 2.0 16V HIGH COMP FORGED PISTON KIT (1998-2003)

\* BORE: 83MM \* STROKE: 91MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: AR32301

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9142DA	83mm	0mm	1969cc	32mm	+2.6cc	12.6:1	20mm	WP052-SP	830XSY-3	CW20	-	-	A4.3
K9142D050	83.5mm	0.5mm	1993cc			12.74:1			835XSY-3				
K9142D100	84mm	1mm	2017cc			12.88:1			840XSY-3				

### 145, 146, 155, 156, 166, GTV & SPIDER 2.0 16V LOW COMP FORGED PISTON KIT (1998-2003)

\* BORE: 83MM \* STROKE: 91MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: AR32301

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9143D050	83.5mm	0.5mm	1993cc	32mm	-2.6cc	8.59:1	20mm	WP061-SP	835XSY-3	CW20	-	-	A4.3
K9143D100	84mm	1mm	2017cc			8.68:1			840XSY-3				

### 75 & 164 3.0 V6 12V HIGH COMP FORGED PISTON KIT (1987-1992)

\* BORE: 93MM \* STROKE: 72.6MM \* COMP RATIO: 9.5:1  
ENGINE CODE: AR06412

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9144DA	93mm	0mm	2959cc	33mm	+34cc	11.5:1	22mm	WP017-SP	930XSY-3	CW22	-	-	A6.1
K9144D050	93.5mm	0.5mm	2990cc			11.61:1			935XSY-3				
K9144D100	94mm	1mm	3022cc			11.73:1			940XSY-3				

### 147 & 156 2.0 16V HIGH COMP FORGED PISTON KIT (1995-2010)

\* BORE: 83MM \* STROKE: 91MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: AR32310

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9236DA	83mm	0mm	1969cc	31.5mm	+2.5cc	12.6:1	20mm	WP052-SP	830XSY-3	CW20	-	-	A4.3
K9236D050	83.5mm	0.5mm	1993cc			12.74:1			835XSY-3				
K9236D100	84mm	1mm	2017cc			12.88:1			840XSY-3				



## BMW



### M3 2.5 SPORT EVO DTM COMP FORGED PISTON KIT (1986-1991)

\* BORE: 95MM \* STROKE: 87MM \* COMP RATIO: 12.8:1 \* ROD LENGTH 144MM  
ENGINE CODE: S14 / B23

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9007D028	95.28mm	0.28mm	2481cc	30.6mm	+0.5cc	12.8:1	22mm	WP098-SP	955XSY-3	CW22	-	✓	A4.7
K9007D034	95.34mm	0.34mm	2484cc			12.81:1			955XSY-3				
K9007D044	95.44mm	0.44mm	2489cc			12.83:1			955XSY-3				
K9007D050	95.5mm	0.5mm	2492cc			12.85:1			955XSY-3				
K9007D080	95.8mm	0.8mm	2508cc			12.92:1			960XSY-3				

### M3 2.5 SPORT EVO BERG COMP FORGED PISTON KIT (1986-1991)

\* BORE: 95MM \* STROKE: 87MM \* COMP RATIO: 12.8:1 \* ROD LENGTH 149.7MM  
ENGINE CODE: S14 / B23

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9008D028	95.28mm	0.28mm	2481cc	25mm	+0.8cc	12.8:1	22mm	WP009-SP	955XSY-3	CW22	-	✓	A4.7
K9008D034	95.34mm	0.34mm	2484cc			12.81:1			955XSY-3				
K9008D044	95.44mm	0.44mm	2489cc			12.83:1			955XSY-3				
K9008D050	95.5mm	0.5mm	2492cc			12.85:1			955XSY-3				
K9008D080	95.8mm	0.8mm	2508cc			12.92:1			960XSY-3				

### M3 2.3 16V HIGH COMP FORGED PISTON KIT (1986-1991)

\* BORE: 93.4MM \* STROKE: 84MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 144MM  
ENGINE CODE: S14 / B23

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9024DA	93.4mm	0mm	2302cc	32mm	+4.07cc	13:1	22mm	WP017-SP	935XSY-3	CW22	-	✓	A4.7
K9024D020	93.6mm	0.2mm	2311cc			13.05:1			936XSY-3				
K9024D040	93.8mm	0.4mm	2321cc			13.1:1			938XSY-3				
K9024D060	94mm	0.6mm	2331cc			13.15:1			940XSY-3				
K9024D080	94.2mm	0.8mm	2341cc			13.2:1			942XSY-3				


**BMW**
**E36 M3 3.2 24V HIGH COMP FORGED PISTON KIT (1995-1999)**

 \* BORE: 86.5MM \* STROKE: 91MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 139MM  
 ENGINE CODE: S50 / B32

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9038DA	86.5mm	0mm	3207cc			12.3:1			865XSY-3				
K9038D025	86.75mm	0.25mm	3226cc	32.3mm	+5.4cc	12.37:1	21mm	WP051-SP	867XSY-3	CW21	-	✓	A6.1
K9038D050	87mm	0.5mm	3245cc			12.43:1			870XSY-3				

**E36 M3 3.0 24V 2-RING HIGH COMP FORGED PISTON KIT (1992-1995)**

 \* BORE: 86MM \* STROKE: 85.9MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 142MM  
 ENGINE CODE: S50 / B30

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9043DA	86mm	0mm	2993cc			12.6:1			860XSY-3				
K9043D050	86.5mm	0.5mm	3028cc	31.5mm	-3.4cc	12.74:1	21mm	WP051-SP	865XSY-3	CW21	-	✓	A6.1
K9043D075	86.75mm	0.75mm	3045cc			12.8:1			867XSY-3				
K9043D100	87mm	1mm	3063cc			12.87:1			870XSY-3				

**E46 M3 3.25 24V HIGH COMP FORGED PISTON KIT (2000-2007)**

 \* BORE: 87MM \* STROKE: 91MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 139MM  
 ENGINE CODE: S54

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9202DA	87mm	0mm	3245cc	32.3mm	-5.4cc	12.3:1	21mm	WP051-SP	870XSY-3	CW21	-	✓	A6.1
K9202D050	87.5mm	0.5mm	3282cc			12.43:1			875XSY-3				

**M3 2.3 16V HIGH COMP FORGED PISTON KIT (1986-1991)**

 \* BORE: 93.4MM \* STROKE: 84MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 144MM  
 ENGINE CODE: S14 / B23

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9277D020	93.6mm	0.2mm	2311cc			10.8:1			936XSY-3				
K9277D040	93.8mm	0.4mm	2321cc	32mm	-6.9cc	10.84:1	22mm	WP017-SP	938XSY-3	CW22	-	✓	A4.3
K9277D060	94mm	0.6mm	2331cc			10.88:1			940XSY-3				
K9277D080	94.2mm	0.8mm	2341cc			10.92:1			942XSY-3				

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**E36 M3 3.0 24V LOW COMP FORGED PISTON KIT (1992-1995)**

 \* BORE: 86MM \* STROKE: 85.9MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 142MM  
 ENGINE CODE: S50 / B30

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9293DA	86mm	0mm	2993cc	31.5mm	-25.3cc	8.5:1	21mm	WP092-SP	860XPY	CW21	-	✓	A6.1

**E36 M3 3.2 24V LOW COMP FORGED PISTON KIT (1995-1999)**

 \* BORE: 86.4MM \* STROKE: 91MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 139MM  
 ENGINE CODE: S50 / B32

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9294D010	86.5mm	0.1mm	3208cc	32.3mm	-27cc	8.7:1	21mm	WP092-SP	865XPY	CW21	-	✓	A6.1
K9294D060	87mm	0.6mm	3245cc			8.79:1			870XPY				

**E46 M3 3.25 24V LOW COMP FORGED PISTON KIT (2000-2007)**

 \* BORE: 87MM \* STROKE: 91MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 139MM  
 ENGINE CODE: S54

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9295DA	87mm	0mm	2163cc	32.3mm	-27cc	8.5:1	21mm	WP092-SP	870XPY	CW21	-	✓	A6.1

**2002TII 2.0 8V HIGH COMP FORGED PISTON KIT (1968-1979)**

 \* BORE: 89MM \* STROKE: 80MM \* COMP RATIO: 9.5:1 \* ROD LENGTH 135MM  
 ENGINE CODE: M10B20

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9399DA	89mm	0mm	1990cc			11.8:1			890XSY-3				
K9399D020	89.2mm	0.2mm	1999cc			11.85:1			892XSY-3				
K9399D050	89.5mm	0.5mm	2013cc	43.5mm	+28.8cc	11.92:1	22mm	WP017-SP	895XSY-3	CW22	✓	✓	A4.3
K9399D075	89.75mm	0.75mm	2024cc			11.98:1			897XSY-3				
K9399D100	90mm	1mm	2035cc			12.04:1			900XSY-3				



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### E36 M3 3.0 24V 3-RING HIGH COMP FORGED PISTON KIT (1992-1995)

\* BORE: 86MM \* STROKE: 85.9MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 142MM  
ENGINE CODE: S50 / B30

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9400DA	86mm	0mm	2993cc	31.5mm	-3.4cc	12.6:1	21mm	WP051-SP	860XSY-3	CW21	-	✓	A6.1
K9400D050	86.5mm	0.5mm	3028cc			12.74:1			865XSY-3				
K9400D075	86.75mm	0.75mm	3045cc			12.8:1			867XSY-3				
K9400D100	87mm	1mm	3063cc			12.87:1			870XSY-3				

### 2002TII 2.0 8V FAST ROAD FORGED PISTON KIT (1968-1979)

\* BORE: 89MM \* STROKE: 80MM \* COMP RATIO: 9.5:1 \* ROD LENGTH 135MM  
ENGINE CODE: M10B20

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9508DA	89mm	0mm	1990cc	42.7mm	+28.8cc	11.3:1	22mm	WP017-SP	890XSY-3	CW22	-	✓	A4.3
K9508D020	89.25mm	0.2mm	2001cc						892XSY-3				
K9508D050	89.5mm	0.5mm	2013cc						895XSY-3				
K9508D075	89.75mm	0.75mm	2024cc						897XSY-3				
K9508D100	90mm	1mm	2035cc						900XSY-3				

### Z4/220/320/520/328/428/528 2.0 16V TURBO FORGED PISTON KIT (2011-2017)

\* BORE: 84MM \* STROKE: 89.6MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144.35MM  
ENGINE CODE: N20B20

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9506DA	84mm	0mm	1997cc	32.5mm	-9.7cc	10.0:1	22mm	WP136-SP	840XPY	CW22	✓	✓	A4.3

### M2, M3 & M4 3.0 24V SINGLE & TWIN TURBO FORGED PISTON KIT (2011-2017)

\* BORE: 84MM \* STROKE: 89.6MM \* COMP RATIO: N55: 11:1 / S55: 10:1 \* ROD LENGTH 144.35MM  
ENGINE CODE: N255B30 / S55B30

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9506DA-6	84mm	0mm	2979cc	32.5mm	-9.7cc	11:1 N55 / 10:1 S55	22mm	WP136-SP	840XPY	CW22	✓	✓	A6.3



BMW

**Wössner**  
HIGH PERFORMANCE PISTONS  
RESEARCH & DEVELOPMENT  
Manufacturer of forged pistons

### M2 / M3 / M4 3.0 24V SINGLE & TWIN TURBO FORGED PISTON KIT (2015>)

\* BORE: 82MM \* STROKE: 94.6MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 148.2MM  
ENGINE CODE: B58

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9546DA-6	82mm	0mm	2997cc	33.2mm	-8.47cc	11.0:1	22mm	WP136-SP	820XPY	CW22	✓	✓	A6.03
K9546D050-6	82.5mm	0.5mm	3034cc						825XPY				

See note we have dropped S58 from this engine code

### 323I 6CYL 12V HIGH COMP FORGED PISTON KIT (1978-1986)

\* BORE: 80MM \* STROKE: 76.8MM \* COMP RATIO: 9.5:1 \* ROD LENGTH 130MM  
ENGINE CODE: M20B23

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1688D050	80.5mm	0.5mm	2345cc	38mm	+7.3cc	11.0:1	22mm	WP017-SP	805XDS	CW22	-	-	A6.1

### 325I 6CYL 12V HIGH COMP FORGED PISTON KIT (1985-1993)

\* BORE: 84MM \* STROKE: 75MM \* COMP RATIO: 11.6:1 \* ROD LENGTH 135MM  
ENGINE CODE: M20B25

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1294D050	84.5mm	0.5mm	2523cc	34.6mm	+14.6cc	11.6:1	22mm	WP017-SP	845XSY-3	CW22	-	✓	A6.04



## CADILLAC

### CTS & ATS 2.0 16V TURBO FORGED PISTON KIT (2013-2019)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.5:1  
ENGINE CODE: LTG

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9505DA	86mm	0mm	1998cc	32mm	-1.45cc	9.5:1	24mm	WP057-SP	860XPY	CW24	-	-	A4.6



## PEUGEOT & CITROEN



### SAXO VTS & 106 GTI TU5J4 1.6 16V HIGH COMP FORGED PISTON KIT (1996-2004)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9039DA	78.5mm	0mm	1587cc			12:1			785XDS-3				
K9039D020	78.7mm	0.2mm	1595cc			12.06:1			787XDS-3				
K9039D050	79mm	0.5mm	1607cc	32.5mm	+7.1cc	12.14:1	19.46mm	WP096-SP	790XDS-3	CW20 (19.46)	✓	✓	A4.2
K9039D100	79.5mm	1mm	1628cc			12.28:1			795XDS-3				
K9039D150	80mm	1.5mm	1648cc			12.42:1			800XDS-3				

### SAXO VTS & 106 GTI TU5J4 1.6 16V LOW COMP FORGED PISTON KIT (1996-2004)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9089DA	78.5mm	0mm	1587cc			9:1			785XPZ				
K9089D020	78.7mm	0.2mm	1595cc			9.04:1			787XPZ				
K9089D050	79mm	0.5mm	1607cc	32.5mm	-14.6cc	9.1:1	19.46mm	WP096-SP	790XPZ	CW20 (19.46)	✓	✓	A4.3
K9089D100	79.5mm	1mm	1628cc			9.21:1			795XPZ				
K9089D150	80mm	1.5mm	1648cc			9.1:1			800XPZ				

### ZX & 406 2.0 16V XU HIGH COMP FORGED PISTON KIT (1987-1992)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 152MM  
ENGINE CODE: XU10J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9041DA	86mm	0mm	1998cc			12.2:1			860XSY-3				
K9041D050	86.5mm	0.5mm	2021cc	38mm	+5.9cc	12.33:1	22mm	WP009-SP	865XSY-3	CW22	✓	✓	A4.3
K9041D100	87mm	1mm	2044cc			12.46:1			870XSY-3				

### AX GTI & 106 XSI 1.4 8V HIGH COMP FORGED PISTON KIT (1991-1996)

\* BORE: 75MM \* STROKE: 77MM \* COMP RATIO: 9.9:1 \* ROD LENGTH 126.8MM  
ENGINE CODE: TU3J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9108DA	75mm	0mm	1360cc			11.4:1			750XDS-3				
K9108D050	75.5mm	0.5mm	1378cc	41.5mm	+5.6cc	11.54:1	18mm	WP031-SP	755XDS-3	CW18	-	-	A4.3
K9108D100	76mm	1mm	1397cc			11.68:1			760XDS-3				





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### AX GTI & 106 XSI 1.4 8V LONG ROD HIGH COMP FORGED PISTON KIT (1991-1996)

\* BORE: 75MM \* STROKE: 77MM \* COMP RATIO: 9.9:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU3J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9109DA	75mm	0mm	1360cc			11.7:1			750XDS-3				
K9109D050	75.5mm	0.5mm	1378cc	35mm	+9.6cc	11.84:1	19.46mm	WP096-SP	755XDS-3	CW20	✓	-	A4.3
K9109D100	76mm	1mm	1397cc			11.99:1			760XDS-3				

### SAXO VTS & 106 GTI TU5J4 SUPER 1600 LONG ROD HIGH COMP FORGED PISTON KIT (1996-2004)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 137.75MM  
ENGINE CODE: TU5J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9150D020	78.7mm	0.2mm	1595cc			12.7:1			787XDS-3				
K9150D050	79mm	0.5mm	1607cc	28.3mm	+6.7cc	12.79:1	18mm	WP031-SP	790XDS-3	CW18	✓	✓	A4.2

### C2 VTS & 206 XSI TU5JP4 1.6 16V HIGH COMP FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5JP4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9177DA	78.5mm	0mm	1587cc			12.2:1			785XDS-3				
K9177D020	78.7mm	0.2mm	1595cc	32.1mm	+8.72cc	12.26:1	18mm	WP031-SP	787XDS-3	CW18	✓	✓	A4.2
K9177D050	79mm	0.5mm	1607cc			12.34:1			790XDS-3				
K9177D150	80mm	1.5mm	1648cc			12.63:1			800XDS-3				

### ZX VOLCANE & 306 GTI-6 2.0 16V HIGH COMP FORGED PISTON KIT (1992-2000)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 158MM  
ENGINE CODE: XU10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9181DA	86mm	0mm	1998cc			12.2:1			860XSY-3				
K9181D050	86.5mm	0.5mm	2021cc	34mm	+2.8cc	12.33:1	20mm	WP038-SP	865XSY-3	CW20	✓	✓	A4.2
K9181D100	87mm	1mm	2044cc			12.46:1			870XSY-3				



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### ZX VOLCANE & 306 GTI-6 2.0 16V LOW COMP FORGED PISTON KIT (1992-2000)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 158MM  
ENGINE CODE: XU10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9203DA	86mm	0mm	1998cc			8:1			860XPY				
K9203D050	86.5mm	0.5mm	2021cc	34mm	-24.9cc	8.08:1	22mm	WP046-SP	865XPY	CW22	✓	✓	A4.3
K9203D100	87mm	1mm	2044cc			8.16:1			870XPY				

### XANTIA 2.0 8V TURBO FORGED PISTON KIT (1993-2003)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 152MM  
ENGINE CODE: XU10J2CTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9199DA	86mm	0mm	1998cc			8.5:1			860XPY				
K9199D050	86.5mm	0.5mm	2021cc	40mm	-29.6cc	8.59:1	22mm	WP017-SP	865XPY	CW22	✓	-	A4.3
K9199D100	87mm	1mm	2044cc			8.68:1			870XPY				

### C4 VTR & 206 GTI 180 2.0 16V HIGH COMP FORGED PISTON KIT (2004-2010)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 139MM  
ENGINE CODE: EW10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9190DA	85mm	0mm	1997cc			12.5:1			850XSY-3				
K9190DD	85.03mm	0mm	1998cc	29.5mm	+6.5cc	12.5:1	21mm	WP051-SP	850XSY-3	CW21	✓	-	A4.3
K9190D050	85.5mm	0.5mm	2020cc			12.64:1			855XSY-3				

### C2 VTS & 206 XSI TU5JP4 SUPER 1600 LONG ROD HIGH COMP FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 137.75MM  
ENGINE CODE: TU5JP4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9233D020	78.7mm	0.2mm	1595cc	28.3mm	+7.6cc	12.7:1	18mm	WP031-SP	787XDS-3	CW18	✓	✓	A4.3
K9233D050	79mm	0.5mm	1607cc			12.79:1			790XDS-3				

### C2 VTS & 206 XSI TU5JP4 SUPER CUP LONG ROD HIGH COMP FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 139MM  
ENGINE CODE: TU5JP4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9416D020	78.7mm	0.2mm	1595cc	26.75mm	+10.8cc	13:1	18mm	WP031-SP	787XDS-3	CW18	✓	✓	A4.3
K9416D050	79mm	0.5mm	1607cc			13.09:1			790XDS-3				

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◆ Hard anodised crown.

### DS3, 206 & 207 1.6 16V TURBO FORGED PISTON KIT (2010-2015)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 132.5MM  
ENGINE CODE: N14B16A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9521DA	77mm	0mm	1598cc			10.5:1			770XPZ				
K9521D025	77.25mm	0.25mm	1608cc	28.5mm	-0.6cc	10.62:1	20mm	WP068DLC	772XPZ	CW20	✓	✓	A4.6
K9521D050	77.5mm	0.5mm	1618cc			10.62:1			775XPZ				

### DS3, 206 & 207 1.6 16V TURBO FORGED PISTON KIT (2010-2015)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 132.5MM  
ENGINE CODE: N14B16A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9469DA	77mm	0mm	1598cc			10.5:1			770XPZ				
◆K9469D025	77.25mm	0.25mm	1608cc	28.5mm	-0.6cc	10.62:1	20mm	WP068DLC	772XPZ	CW20	✓	✓	A4.8
◆K9469D050	77.5mm	0.5mm	1618cc			10.62:1			775XPZ				

### 405 MI16 1.9 16V HIGH COMP FORGED PISTON KIT (1987-1992)

\* BORE: 83MM \* STROKE: 88MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 143MM  
ENGINE CODE: MI16 XU9J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9042DA	83mm	0mm	1904cc			11.8:1			830XSY-3				
K9042D050	83.5mm	0.5mm	1927cc	38mm	+1.7cc	11.93:1	22mm	WP009-SP	835XSY-3	CW22	✓	✓	A4.3
K9042D200	85mm	2mm	1997cc			12.32:1			850XSY-3				

### 106 RALLYE 1.3 8V HIGH COMP FORGED PISTON KIT (1993-1996)

\* BORE: 75MM \* STROKE: 73.2MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 139MM  
ENGINE CODE: TU2J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9107DA	75mm	0mm	1293cc			11.5:1			750XDS-3				
K9107D050	75.5mm	0.5mm	1310cc	37mm	+7.1cc	11.64:1	18mm	WP031-SP	755XDS-3	CW18	✓	-	A4.3
K9107D100	76mm	1mm	1328cc			11.78:1			760XDS-3				

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### 106 XSI 1.6 8V HIGH COMP FORGED PISTON KIT (1994-2001)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9110DA	78.5mm	0mm	1587cc			11.8:1			785XDS-3				
K9110D020	78.7mm	0.2mm	1595cc	32.5mm	+1.9cc	11.85:1	18mm	WP039-SP	787XDS-3	CW18	✓	-	A4.3
K9110D050	79mm	0.5mm	1607cc			11.93:1			790XDS-3				
K9110D100	79.5mm	1mm	1628cc			12.07:1			795XDS-3				

### 205 GTI 1.6 8V HIGH COMP FORGED PISTON KIT (1984-1989)

\* BORE: 83MM \* STROKE: 73MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 150.5MM  
ENGINE CODE: XU5JA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9111DA	83mm	0mm	1579cc			12:1			830XSY-3				
K9111D050	83.5mm	0.5mm	1598cc	38.2mm	0cc / Flat Top	12.13:1	20mm	WP052-SP	835XSY-3	CW20	✓	-	A4.3
K9111D100	84mm	1mm	1618cc			12.26:1			840XSY-3				

### 205 GTI 1.9 8V HIGH COMP FORGED PISTON KIT (1986-1987)

\* BORE: 83MM \* STROKE: 88MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 143MM  
ENGINE CODE: XU9JA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9112DA	83mm	0mm	1904cc			12.5:1			830XSY-3				
K9112D050	83.5mm	0.5mm	1927cc	37mm	0cc / Flat Top	12.63:1	20mm	WP052-SP	835XSY-3	CW20	✓	-	A4.3
K9112D100	84mm	1mm	1950cc			12.77:1			840XSY-3				

### 205 RALLYE 1.3 8V HIGH COMP FORGED PISTON KIT (1984-1989)

\* BORE: 75MM \* STROKE: 73.2MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 112.3MM  
ENGINE CODE: TU2/4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9114DA	75mm	0mm	1293cc			11.5:1			750XDS-3				
K9114D050	75.5mm	0.5mm	1310cc	38.2mm	+10.53cc	11.64:1	18mm	WP031-SP	755XDS-3	CW20	-	-	A4.2
K9114D100	76mm	1mm	1328cc			11.78:1			760XDS-3				



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### 405 T16 2.0 16V TURBO FORGED PISTON KIT (1992-1995)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 152MM  
ENGINE CODE: XU10J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9115DA	86mm	0mm	1998cc	35.5mm	0cc / Flat Top	8:1	23mm	WP024-SP	860XPY	CW23	-	-	A4.3
K9115D050	86.5mm	0.5mm	2021cc			8.08:1			865XPY				
K9115D100	87mm	1mm	2044cc			8.16:1			870XPY				

### 306 GTI-6 2.0 16V KIT CAR HIGH COMP FORGED PISTON KIT (1992-2000)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 160MM  
ENGINE CODE: XU10J4RS-K

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9182DA	86mm	0mm	1998cc	28.9mm	+7.5cc	12.6:1	18mm	WP053-SP	860XSY-3	CW18	-	✓	A4.2
K9182D050	86.5mm	0.5mm	2021cc			12.73:1			865XSY-3				A4.3

### 405 MI16 1.9 16V LOW COMP FORGED PISTON KIT (1987-1992)

\* BORE: 83MM \* STROKE: 88MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 143MM  
ENGINE CODE: MI16 XU9J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9229D050	83.5mm	0.5mm	1927cc	38mm	-17.5cc	8.5:1	22mm	WP046-SP	835XPY	CW22	✓	✓	A4.3

### 206 GTI 180 2.0 16V LOW COMP FORGED PISTON KIT (2004-2010)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 139MM  
ENGINE CODE: EW10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9287DA	85mm	0mm	1997cc	29.5mm	-15cc	8.5:1	21mm	WP139-SP	850XPY	CW21	✓	-	A4.3
K9287D050	85.5mm	0.5mm	2020cc			8.59:1			855XPY				

### 106 RALLYE 1.3 8V FAST ROAD FORGED PISTON KIT (1993-1996)

\* BORE: 75MM \* STROKE: 73.2MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 139MM  
ENGINE CODE: TU2J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9480DA	75mm	0mm	1293cc	37mm	+4.35cc	10.6:1	18mm	WP053-SP	750XDS-3	CW18	-	-	A4.3
K9480D050	75.5mm	0.5mm	1310cc			10.6:1			755XDS-3				



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### C2 VTS & 206 XSI 1.6 16V S16 SUPER CAR COMP FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5JP4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1021D020	78.7mm	0.2mm	1595cc	25.17mm	+21cc	12.5:1	18mm	WP039-SP	787XGS-3	CW18	✓	✓	A4.4
K1021D023	78.73mm	0.23mm	1596cc						787XGS-3				
K1021D026	78.76mm	0.26mm	1598cc						787XGS-3				

### 306 GTI-6 2.0 16V SUPER CAR HIGH COMP FORGED PISTON KIT (1992-2000)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 160MM  
ENGINE CODE: XU10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1620DA	86mm	0mm	1998cc	29mm	+4.4cc	12.8:1	19mm	WP050-SP	860XSY-3	CW19	✓	✓	A4.3
K1620D050	86.5mm	0.5mm	2021cc						865XSY-3				

### AX GTI & 106 XSI 1.4 8V SUPER CAR HIGH COMP FORGED PISTON KIT (1991-1996)

\* BORE: 75MM \* STROKE: 77MM \* COMP RATIO: 9.9:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU3J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1285DA	76mm	1mm	1360cc	32.5mm	+3.9cc	11.7:1	20mm	WP096-SP	760XDS-3	CW20	-	-	A4.3

### 309 1.9 16V CUP CAR LOW COMP FORGED PISTON KIT (1987-1992)

\* BORE: 83MM \* STROKE: 88MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 143MM  
ENGINE CODE: XU9J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1326DA	83mm	0mm	1904cc	36.5mm	-22.43cc	7.9:1	22mm	WP046-SP	830XPY	CW22	✓	✓	A4.3

### TU5J4SP14 DESTROKED FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 73.2MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5J4SP14

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1340D250	76mm	2.5mm	1328cc	28.5mm	+7cc	12.0:1	18mm	WP054-SP	760XDS-3-3	CW18	✓	✓	A4.3

### 306 2.0LTR 16V EVO KIT CAR FORGED PISTON KIT (1992-2000)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 160MM  
ENGINE CODE: XU10J4RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1350DA	86mm	0mm	1998cc	28.9mm	+10.6cc	13.3:1	18mm	WP049-SP	860XSY-3	CW18	✓	✓	A4.3

## PEUGEOT & CITROEN

### 306 & 405 MI16 2.0 16V XU HIGH COMP FORGED PISTON KIT (1987-1992)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 158MM  
ENGINE CODE: XU10J4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1475DA	86mm	0mm	1998cc						860XSY-3				
K1475D050	86.5mm	0.5mm	2021cc	34mm	+7.8cc	12.5:1	20mm	WP038-SP	865XSY-3	CW20	-	✓	A4.3
K1475D100	87mm	1mm	2044cc						870XSY-3				

### TU5J4SP14 DESTROKED FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 73.2MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5J4SP14

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1480D050	78mm	0.5mm	1399cc	28.4mm	+7.9cc	12.0:1	18mm	WP054-SP	780XDS-3-3	CW18	✓	✓	A4.3

### 106 1.6LTR 8V SUPER CAR HIGH COMP FORGED PISTON KIT (1994-2001)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 139MM  
ENGINE CODE: TU5J2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1571D020	78.7mm	0.2mm	1595cc	27mm	+15.8cc	12.8:1	18mm	WP031-SP	787XDS-3-3	CW18	✓	-	A4.55

### 104 1.2LTR 8V HIGH COMP FORGED PISTON KIT

\* BORE: 75MM \* STROKE: 69MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 126.8MM  
ENGINE CODE: XZ7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1727D240	77.4mm	2.4mm	1298cc	26.40mm	+11.8cc	11.8:1	18mm	WP031-SP	775XDS-3-3	CW18	-	-	A4.55

### 308 GTI R2 1.6LTR 16V HIGH COMP FORGED PISTON KIT (2010-2015)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 138.5MM  
ENGINE CODE: EP6C R8

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1750DA	77mm	0mm	1598cc	27.6mm	-2.15cc	12.0:1	20mm	WP073-SP	770XPZ-3	CW20	-	-	A4.5
K1750D050	77.5mm	0.5mm	1608cc			12.0:1			775XPZ-3				

### C2 VTS & 206XS 1.6 16V HIGH COMP FORGED PISTON KIT (2005-2009)

\* BORE: 78.5MM \* STROKE: 82MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 133.6MM  
ENGINE CODE: TU5JP4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1830DA	78.5mm	0mm	1587cc	32.1mm	+8.72cc	12.2:1	20mm	WP096-SP	785XDS-3-3	CW20	✓	✓	A4.3
K1830D020	78.7mm	0.2mm	1595cc			12.2:1			787XDS-3-3				

## FERRARI

### 250GT 3.0 V12 HIGH COMP FORGED PISTON KIT (1954-1956)

BORE: 73MM \* STROKE: 59MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 112MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9001DA	73mm	0mm	2963cc			10:1			730XDS-3				
K9001D050	73.5mm	0.5mm	3003cc	28.7mm	+11.2cc	10.12:1	17mm	WP090-SP	735XDS-3	CW17	-	-	A12.2
K9001D100	74mm	1mm	3044cc			10.25:1			740XDS-3				

### 330GTS & 330GTC 4.0 V12 HIGH COMP FORGED PISTON KIT (1966-1968)

BORE: 73MM \* STROKE: 59MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 112MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9002DA	77mm	0mm	3967cc			8.8:1			770XDS-3				
K9002D050	77.5mm	0.5mm	4019cc	29.5mm	+22.7cc	8.9:1	18.5mm	WP084-SP	775XDS-3	CW19	-	-	A12.2

### 275 GTB-4 3.3 V12 HIGH COMP FORGED PISTON KIT (1964-1966)

BORE: 77MM \* STROKE: 58.8MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 112MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9003DA	77mm	0mm	3285cc			10.5:1			770XDS-3				
K9003D050	77.5mm	0.5mm	3328cc	28mm	+11.5cc	10.62:1	17mm	WP090-SP	775XDS-3	CW17	-	-	A12.1
K9003D100	78mm	1mm	3371cc			10.75:1			780XDS-3				

### 209 GT4, 308 GT4 & 308 GTB 3.0 V8 HIGH COMP FORGED PISTON KIT (1982-1989)

\* BORE: 81MM \* STROKE: 71MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 137MM  
ENGINE CODE: F106A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9004D050	81.5mm	0.5mm	2963cc			10.5:1			815XSY-3				A8.1
K9004D100	82mm	1mm	2999cc	31mm	+15cc	10.62:1	18.5mm	WP084-SP	820XSY-3	CW19	-	-	A8.2



## FERRARI

### 365BB, 365GTB-4 & DAYTONA 4.4 V12 HIGH COMP FORGED PISTON KIT (1974-1976)

BORE: 81MM \* STROKE: 71MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 137MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9004D050-12	81.5mm	0.5mm	4444cc	31mm	+15cc	10.5:1	18.5mm	WP084-SP	815XSY-3	CW19	-	-	A12.1
K9004D100-12	82mm	1mm	4499cc		10.62:1	820XSY-3							

### 246GT, GTS & DINO 3.0 V6 CYLINDER HIGH COMP FORGED PISTON KIT (1969-1974)

\* BORE: 92.50MM \* STROKE: 60MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 117.92MM  
ENGINE CODE: 135CS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9101DA	92.5mm	0mm	2963cc	30mm	+18.7cc	10.1:1	20mm	WP052-SP	925XSY-3	CW20	-	-	A6.1
K9101D050	93mm	0.5mm	2445cc			10.1:1			930XSY-3				
K9101D100	93.5mm	1mm	2471cc			10.2:1			935XSY-3				



## FIAT

### PUNTO 1.4 8V TURBO FORGED PISTON KIT (1993-1996)

\* BORE: 80.5MM \* STROKE: 67.4MM \* COMP RATIO: 7.8:1 \* ROD LENGTH 128.52MM  
ENGINE CODE: 176A4000

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9048DA	80.5mm	0mm	1372cc	34.1mm	-3.9cc	7.8:1	22mm	WP136-SP	805XPZ	CW22	-	-	A4.3
K9048D050	81mm	0.5mm	1389cc			7.88:1			810XPY				
K9048D100	81.5mm	1mm	1406cc			7.97:1			815XPY				

### UNO 1.4 8V TURBO FORGED PISTON KIT (1990-1992)

\* BORE: 80.5MM \* STROKE: 67.4MM \* COMP RATIO: 7.8:1 \* ROD LENGTH 128.52MM  
ENGINE CODE: 146A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9047D050	81mm	0.5mm	1389cc	33.3mm	-6.5cc	7.88:1	22mm	WP136-SP	810XPY	CW22	-	-	A4.3
K9047D100	81.5mm	1mm	1406cc			7.97:1			815XPY				

### TIPO / TEMPRA 1.6 8V FORGED PISTON KIT (1990-2000)

\* BORE: 86.4MM \* STROKE: 67.4MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 128.52MM  
ENGINE CODE: 159A3000

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9049DA	86.4mm	0mm	1580cc	33.3mm	-4.7cc	9.2:1	22mm	WP136-SP	865XPY	CW22	-	-	A4.3
K9049D060	87mm	0.6mm	1602cc			9.31:1			870XPY				
K9049D110	87.5mm	1.1mm	1621cc			9.41:1			875XPY				

### COUPE 2.0 20V 5 CYLINDER TURBO FORGED PISTON KIT (1993-2000)

\* BORE: 82MM \* STROKE: 75.65MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 145MM  
ENGINE CODE: 175A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9212DA	82mm	0mm	1598cc	32.8mm	-8.8cc	8:1	22mm	WP136-SP	820XPY	CW22	✓	-	A5.2
K9212D050	82.5mm	0.5mm	1617cc			8.09:1			825XPY				
K9212D100	83mm	1mm	1637cc			8.17:1			830XPY				

### PUNTO 1.6 8V TURBO STROKER FORGED PISTON KIT (1990-1992)

\* BORE: 86.4MM \* STROKE: 79MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 128.52MM  
ENGINE CODE: 159A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9408D060	87mm	0.6mm	1878cc	27.5mm	-19cc	8.5:1	22mm	WP017-SP	870XSY-3	CW22	-	-	A4.3

FIAT

◆ Hard anodised crown.

**500 ABARTH 1.4 16V TURBO FORGED PISTON KIT (2008->)**

\* BORE: 72MM \* STROKE: 84MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 129MM  
ENGINE CODE: 312A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9470DA	72mm	0mm	1368cc			9.8:1			720XPZ				
◆K9470D050	72.5mm	0.5mm	1387cc	26.8mm	-20.9cc	9.92:1	18mm	WP064-SP	725XPZ	CW18	✓	-	A4.75
◆K9470D100	73mm	1mm	1406cc			10.05:1			730XPZ				

**500 ABARTH 1.4 16V TURBO FORGED PISTON KIT (2008->)**

\* BORE: 72MM \* STROKE: 84MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 129MM  
ENGINE CODE: 312A

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9518DA	72mm	0mm	1368cc			9.8:1			720XPZ				
K9518D050	72.5mm	0.5mm	1387cc	26.8mm	-20.9cc	9.92:1	18mm	WP064-SP	725XPZ	CW18	✓	-	A4.1
K9518D100	73mm	1mm	1406cc			10.05:1			730XPZ				



FORD



**COSWORTH YB 21CC GRP.A FORGED PISTON KIT (1985-1996) (4X4 CYLINDER HEAD)**

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 128.5MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9009D020	91mm	0.2mm	2003cc			7.78:1			910XPY				
K9009D045	91.25mm	0.45mm	2014cc			7.82:1			912XPY				
K9009D070	91.5mm	0.7mm	2025cc			7.85:1			915XPY				
K9009D095	91.75mm	0.95mm	2036cc	40.75mm	-21cc	7.89:1	24mm	WP137-SP	917XPY	CW24	✓	✓	A4.3
K9009D120	92mm	1.2mm	2047cc			7.93:1			920XPY				
K9009D170	92.5mm	1.7mm	2069cc			7.99:1			925XPY				
K9009D220	93mm	2.2mm	2092cc			8.07:1			930XPY				

**COSWORTH YB 17CC FAST ROAD FORGED PISTON KIT (1985-1996) (4X4 CYLINDER HEAD)**

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 128.5MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9027D020	91mm	0.2mm	2003cc			8.15:1			910XPY				
K9027D045	91.25mm	0.45mm	2014cc			8.19:1			912XPY				
K9027D070	91.5mm	0.7mm	2025cc			8.23:1			915XPY				
K9027D095	91.75mm	0.95mm	2036cc	40.75mm	-17.5cc	8.27:1	24mm	WP137-SP	917XPY	CW24	✓	✓	A4.3
K9027D120	92mm	1.2mm	2047cc			8.31:1			920XPY				
K9027D170	92.5mm	1.7mm	2069cc			8.48:1			925XPY				

**COSWORTH YB NA HIGH COMP FORGED PISTON KIT (1985-1996)**

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 128.5MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9217D020	91mm	0.2mm	2003cc			13.10:1			910XSY-3				
K9217D045	91.25mm	0.45mm	2014cc			13.17:1			912XSY-3				
K9217D070	91.5mm	0.7mm	2025cc	40.5mm	+11.6cc	13.24:1	24mm	WP057-SP	915XSY-3	CW24	✓	✓	A4.3
K9217D120	92mm	1.2mm	2047cc			13.37:1			920XSY-3				
K9217D220	93mm	2.2mm	2092cc			13.65:1			930XSY-3				



# FORD

## COSWORTH YB NA HIGH COMP LONG ROD FORGED PISTON KIT (1985-1996)

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9393D070	91.5mm	0.7mm	2025cc			13.24:1			915XSY-3				
K9393D170	92mm	1.2mm	2047cc	33mm	+11.6cc	13.37:1	24mm	WP057-SP	920XSY-3	CW24	✓	✓	A4.3
K9393D220	93mm	2.2mm	2092cc			13.65:1			930XSY-3				

## COSWORTH YB 17CC FAST ROAD LONG ROD FORGED PISTON KIT (1985-1996) (4X4 CYLINDER HEAD)

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9542D045	91.25mm	0.45mm	2014cc			8.23:1			912XPY				
K9542D070	91.5mm	0.7mm	2025cc	33mm	-17cc	8.27:1	24mm	WP137-SP	915XPY	CW24	✓	✓	A4.8

## COSWORTH YB 11CC RACE SPEC LONG ROD FORGED PISTON KIT (1985-1996) (4X4 CYLINDER HEAD)

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136MM  
ENGINE CODE: YBB, YBD, YBJ, YBG, YBT, YBP

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9543D045	91.25mm	0.45mm	2014cc			8.91:1			912XPY				
K9543D070	91.5mm	0.7mm	2025cc	33mm	-11cc	8.95:1	24mm	WP137-SP	915XPY	CW24	✓	✓	A4.3

## PINTO 2.0 8V FLAT TOP FORGED PISTON KIT (1985-1996)

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 127MM & 128.5MM  
ENGINE CODE: OHC TL

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9232D010	90.9mm	0.1mm	1998cc			12:1			910XSY-3				
K9232D020	91mm	0.2mm	2003cc			12.02:1			910XSY-3				
K9232D045	91.25mm	0.45mm	2014cc			12.08:1			912XSY-3				
K9232D070	91.5mm	0.7mm	2025cc	41.65mm	Flat top	12.15:1	24mm	WP057-SP	915XSY-3	CW24	✓	✓	A4.5
K9232D120	92mm	1.2mm	2047cc			12.27:1			920XSY-3				
K9232D170	92.5mm	1.7mm	2069cc			12.39:1			925XSY-3				
K9232D220	93mm	2.2mm	2092cc			12.51:1			930XSY-3				



# FORD

## PINTO 2.0 8V FLAT TOP LONG ROD FORGED PISTON KIT (1985-1996)

\* BORE: 90.8MM \* STROKE: 77MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 136MM  
ENGINE CODE: OHC TL

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9392D010	90.9mm	0.1mm				12:1			910XSY-3				
K9392D020	91mm	0.2mm				12.02:1			910XSY-3				
K9392D045	91.25mm	0.45mm	2014cc			12.08:1			912XSY-3				
K9392D070	91.5mm	0.7mm	2025cc	34.15mm	Flat top	12.15:1	24mm	WP057-SP	915XSY-3	CW24	✓	✓	A4.3
K9392D120	92mm	1.2mm	2047cc			12.27:1			920XSY-3				
K9392D170	92.5mm	1.7mm	2069cc			12.39:1			925XSY-3				
K9392D220	93mm	2.2mm	2092cc			12.51:1			930XSY-3				

## ZETEC-S 1.6 16V 'SIGMA' HIGH COMP FORGED PISTON KIT (1998-2001)

\* BORE: 79MM \* STROKE: 81.4MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 136.18MM  
ENGINE CODE: FYDA

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9541DA	79mm	0mm	1595cc			12:1			790XDS-3				
K9541D050	79.5mm	0.5mm	1616cc	25.5mm	+10.4cc	12.18:1	18mm	WP031-SP	795XDS-3	CW18	✓	✓	A4.3

## ZETEC-E 2.0 16V 'SILVER TOP' HIGH COMP FORGED PISTON KIT (1996-2001)

\* BORE: 84.8MM \* STROKE: 88MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 136.18MM  
ENGINE CODE: NGA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9066DA	84.8mm	0mm	1988cc			12:1			848XSY-3				
K9066D070	85.5mm	0.7mm	2020cc	33mm	+10.6cc	12.18:1	20.63mm	WP195-SP	855XSY-3	CW21	✓	✓	A4.3
K9066D120	86mm	1.2mm	2044cc			12.31:1			860XSY-3				

## ZETEC-E 2.0 16V 'SILVER TOP' LOW COMP FORGED PISTON KIT (1996-2001)

\* BORE: 84.8MM \* STROKE: 88MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 136.18MM  
ENGINE CODE: NGA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9198DA	84.8mm	0mm	1988cc			8.0:1			848XSY-3				
K9198D070	85.5mm	0.7mm	2020cc	33mm	-15.3cc	8.12:1	20.63mm	WP195-SP	855XSY-3	CW21	✓	✓	A4.3
K9198D120	86mm	1.2mm	2044cc			8.2:1			860XSY-3				



# FORD

## ZETEC-R 2.0 16V 'BLACK TOP' HIGH COMP FORGED PISTON KIT (1996-2001)

\* BORE: 84.8MM \* STROKE: 88MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 140.8MM  
ENGINE CODE: NGA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9394DA	84.8mm	0mm	1988cc			12:1			848XSY-3				
K9394D070	85.5mm	0.7mm	2020cc	28mm	+1.6cc	12.18:1	20.63mm	WP195-SP	855XSY-3	CW21	✓	✓	A4.3
K9394D120	86mm	1.2mm	2044cc			12.31:1			860XSY-3				

## FOCUS RS MK1 2.0 16V TURBO FORGED PISTON KIT (2002-2003)

\* BORE: 84.8MM \* STROKE: 88MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 137MM  
ENGINE CODE: HMDA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9483DA	84.8mm	0mm	1988cc			8:1			848XPY				
K9483D020	85mm	0.2mm	1997cc	32mm	-20cc	8.03:1	22mm	WP046-SP	850XPY	CW22	✓	✓	A4.3
K9483D070	85.5mm	0.7mm	2020cc			8.12:1			855XPY				
K9483D120	86mm	1.2mm	2044cc			8.2:1			860XPY				

## DURATEC 2.0 16V HIGH COMP FORGED PISTON KIT (1996-2001)

\* BORE: 87.5MM \* STROKE: 83.1MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 146.25MM  
ENGINE CODE: CJBA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9220DA	87.5mm	0mm	1998cc			12.5:1			12.5:1				
K9220D050	88mm	0.5mm	2021cc	28.65mm	+5.28cc	12.63:1	21mm	WP051-SP	12.63:1	CW21	✓	✓	A4.3
K9220D100	88.5mm	1mm	2044cc			12.76:1			12.76:1				

## DURATEC 2.0 16V LOW COMP FORGED PISTON KIT (1996-2001)

\* BORE: 87.5MM \* STROKE: 83.1MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 146.25MM  
ENGINE CODE: CJBA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9272DA	87.5mm	0mm	1998cc	28mm	-17.8cc	8.5:1	21mm	WP139-SP	875XSY-3	CW21	✓	✓	A4.3



# FORD

## DURATEC 2.3 16V HIGH COMP FORGED PISTON KIT (2007-2015)

\* BORE: 87.5MM \* STROKE: 94MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 154.75MM  
ENGINE CODE: SEBA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9282D010	87.5mm	0mm	2260cc			14.1:1			875XSY-3				
K9282D060	88mm	0.5mm	2286cc	28.65mm	+5cc	14.25:1	21mm	WP034-SP	880XSY-3	CW21	✓	✓	A4.3
K9282D110	88.5mm	1mm	2312cc			14.4:1			885XSY-3				
K9282D160	89mm	1.5mm	2339cc			14.55:1			890XSY-3				

## FOCUS ST 2.5 20V TURBO FORGED PISTON KIT (2005-2012)

\* BORE: 83MM \* STROKE: 93.2MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: HYDA/HUWA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9276DA	83mm	0mm	2521cc			8:1			830XPY				
K9276D050	83.5mm	0.5mm	2551cc	28.4mm	-7.17cc	8.03:1	21mm	WP092-SP	835XPY	CW21	✓	-	A5.2
K9276D100	84mm	1mm	2582cc			8.12:1			840XPY				

## FOCUS RS 2.5 20V TURBO FORGED PISTON KIT (2005-2012)

\* BORE: 83MM \* STROKE: 93.2MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 137MM  
ENGINE CODE: B5224T

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9489DA	83mm	0mm	2521cc			8.5:1	23mm	WP143-SP	830XPY	CW23	✓	-	A5.2
K9489D050	83.5mm	0.5mm	2551cc	30.35mm	-11.4cc	8.5:1			835XPY				

## ESCORT & FIESTA RS TURBO FORGED PISTON KIT (1985-1990)

\* BORE: 80MM \* STROKE: 79.52MM \* COMP RATIO: 8.3:1 \* ROD LENGTH 132MM  
ENGINE CODE: CVH

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9216DA	80mm	0mm	1598cc			8.3:1			800XPZ				
K9216D050	80.5mm	0.5mm	1618cc	38.8mm	+11.6cc	8.38:1	20.63mm	WP195-SP	805XPZ	CW21	✓	✓	A4.3
K9216D100	81mm	1mm	1639cc			8.46:1			810XPY				



# FORD

## FORD X-FLOW 1.6 8V HIGH COMP FORGED PISTON KIT (1967-1980)

\* BORE: 81MM \* STROKE: 77.6MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 125.12MM  
ENGINE CODE: X-FLOW L3A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9390D150	82.5mm	1.5mm	1659cc						825XSY-3				
				44.6mm	-30cc	11:1	20.63mm	WP195-SP		CW21	✓	✓	A4.3
K9390D250	83.5mm	2.5mm	1699cc						835XSY-3				

## FIESTA 1.0 12V 3 CYL TURBO ECO-BOOST FORGED PISTON KIT (2010-2018)

\* BORE: 71.9MM \* STROKE: 82MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 137MM  
ENGINE CODE: JSFJA / SFJB / SFJC / SFJD / M1JE / M1JH

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9527DA	71.9mm	0mm	998cc	27.36mm	-2.4cc	9.5:1	20mm	WP065-SP	720XDS-3	CW20	✓	✓	A3.3

## FIESTA ST 1.5 12V 3 CYL TURBO ECO-BOOST FORGED PISTON KIT (2018>)

\* BORE: 84MM \* STROKE: 76.4MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 143.2MM

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9522DA	84mm	0mm	1693cc	29.5mm	-7.6cc	10:1	21mm	WP092-SP	840XPY	CW21	✓	-	A3.3

## FIESTA ST 1.6 16V TURBO ECO-BOOST FORGED PISTON KIT (2010-2019)

\* BORE: 79MM \* STROKE: 81.4MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 134MM  
ENGINE CODE: JQDA / JQDB

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9484DA	79mm	0mm	1595cc						790XPZ				
				28.65mm	-7.1cc	10:1	21mm	WP034-SP		CW21	✓	-	A4.3
K9484D050	79.5mm	0.5mm	1616cc						785XPZ				

## FIESTA ST 1.6 16V TURBO ECO-BOOST LOW COMP FORGED PISTON KIT (2010-2019)

\* BORE: 79MM \* STROKE: 81.4MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 134MM  
ENGINE CODE: JQDA / JQDB

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9528DA	79mm	0mm	1595cc						790XPZ				
K9528D050	79.5mm	0.5mm	1616cc	28.65mm	-8cc	9.5:1	21mm	WP034-SP		CW21	✓	-	A4.3
K9528D100	80mm	1mm	1636cc						785XPZ				



# FORD

## FOCUS ST 2.0 16V TURBO ECO-BOOST FORGED PISTON KIT (2013-2018)

\* BORE: 87.5MM \* STROKE: 83.1MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 155.75MM  
ENGINE CODE: R9CD

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9486DA	87.5mm	0mm	1998cc						875XPY				
				32.75mm	-7.9cc	9.3:1	22.5mm	WP120-SP		CW23	✓	✓	A4.6
K9486D050	88mm	0.5mm	2021cc						880XPY				

## FOCUS ST 2.0 16V TURBO ECO-BOOST LOW COMP FORGED PISTON KIT (2013-2018)

\* BORE: 87.5MM \* STROKE: 83.1MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 155.75MM  
ENGINE CODE: R9CD

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9545DA	87.5mm	0mm	1998cc						875XPY				
				32.75mm	-9cc	9.0:1	22.5mm	WP120-SP		CW23	✓	✓	A4.6
K9545D050	88mm	0.5mm	2021cc						880XPY				

## FOCUS RS & MUSTANG 2.3 16V TURBO ECO-BOOST LOW COMP FORGED PISTON KIT (2016-2019)

\* BORE: 87.5MM \* STROKE: 94MM \* COMP RATIO: 9.5:1 \* ROD LENGTH 144MM  
ENGINE CODE: N38H

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9495DA	87.5mm	0mm	2260cc						875XPY				
				32.8mm	-11.3cc	9.0:1	22.5mm	WP120-SP		CW23	✓	✓	A4.6
K9495D050	88mm	0.5mm	2286cc						880XPY				

## RS2000 2.0 16V HIGH COMP FORGED PISTON KIT (1991-1996)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 149.5MM  
ENGINE CODE: I4

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9544DA	86mm	0mm	1998cc						860XSY-3				
				32.2mm	+10.5cc	12.5:1	20mm	WP068-SP		CW20	✓	-	A4.3
K9544D050	86.5mm	0.5mm	2021cc						865XSY-3				



# HONDA

## CIVIC B16A1, B18C & INTEGRA B17A1 HIGH COMP FORGED PISTON KIT (1992-1993)

\* BORE: 81MM \* STROKE: 87.2MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 134.3MM/132.3MM  
ENGINE CODE: B16A1 & B17A1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9070DA	81mm	0mm	1797cc			11.5:1			810XSY-3				
K9070D050	81.5mm	0.5mm	1819cc			11.63:1			815XSY-3				
K9070D150	82.5mm	1.5mm	1864cc			11.89:1			825XSY-3				
K9070D200	83mm	2mm	1887cc	30.1mm	+4.85cc	12.03:1	21mm	WP013-SP	830XSY-3	CW21	✓	✓	A4.2
K9070D300	84mm	3mm	1932cc			12.29:1			840XSY-3				
K9070D350	84.5mm	3.5mm	1956cc			12.43:1			845XSY-3				
K9070D400	85mm	4mm	1979cc			12.56:1			850XSY-3				

## RSX TYPE-S & CIVIC TYPE-R K20A2 / A3 / K20Z4 HIGH COMP FORGED PISTON KIT (2002>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 139MM  
ENGINE CODE: K20A2 / A3 / K20Z4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9088DA	86mm	0mm	1998cc			12:1			860XSY-3				
K9088D050	86.5mm	0.5mm	2021cc			12.13:1			865XSY-3				
K9088D100	87mm	1mm	2044cc	30mm	+9cc	12.26:1	22mm	WP017-SP	870XSY-3	CW22	✓	✓	A4.3
K9088D150	87.5mm	1.5mm	2068cc			12.26:1			875XSY-3				
K9088D200	88mm	2mm	2092cc			12.26:1			880XSY-3				
K9088D300	89mm	3mm	2140cc			12.26:1			890XSY-3				

## RSX TYPE-S & CIVIC TYPE-R K20A2 / A3 / K20Z4 LOW COMP FORGED PISTON KIT (2002>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 139MM  
ENGINE CODE: K20A2 / A3 / K20Z4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9244D100	87mm	1mm	2044cc			12:1			860XSY-3				
K9244D200	88mm	2mm	2092cc	30mm	-7.63cc	12.13:1	22mm	WP046-SP	865XSY-3	CW22	✓	✓	A4.3
K9244D300	89mm	3mm	2140cc			12.26:1			870XSY-3				
K9244D400	90mm	4mm	2188cc										



# HONDA

## PRELUDE SI 9:1 COMP FORGED PISTON KIT (1992-1996)

\* BORE: 87MM \* STROKE: 95MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 141.5MM  
ENGINE CODE: H23A2

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9497D050	87.5mm	0.5mm	2283cc	30.58mm	-12cc	9.0:1	22mm	WP136-SP	875XPY	CW22	-	✓	A4.3

## INTEGRA GSR B17A1 LOW COMP FORGED PISTON KIT (1992-1993)

\* BORE: 81MM \* STROKE: 81.4MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 138MM  
ENGINE CODE: B17A1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9159DA	81mm	0mm	1677cc			8.5:1			810XPY				
K9159D050	81.5mm	0.5mm	1698cc	30mm	-10cc	8.5:1	21mm	WP139-SP	815XPY	CW21	✓	✓	A4.3
K9159D100	82mm	1mm	1719cc			8.5:1			820XPY				

## INTEGRA GSR B17A1 9:1 COMP FORGED PISTON KIT (1992-1993)

\* BORE: 81MM \* STROKE: 81.4MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 138MM  
ENGINE CODE: B17A1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9428DA	81mm	0mm	1677cc			9:1			810XPY				
K9428D050	81.5mm	0.5mm	1698cc	30mm	-6.3cc	9.1:1	21mm	WP139-SP	815XPY	CW21	✓	✓	A4.3
K9428D100	82mm	1mm	1719cc			9.2:1			820XPY				

## CIVIC V-TEC B18C4 TURBO 9:1 COMP FORGED PISTON KIT (1997-2001)

\* BORE: 81MM \* STROKE: 87.2MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 138MM  
ENGINE CODE: B18C4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9165DA	81mm	0mm	1797cc			9:1			810XPY				
K9165D050	81.5mm	0.5mm	1819cc	30.1mm	-11.7cc	9.1:1	21mm	WP092-SP	815XPY	CW21	✓	✓	A4.3
K9165D100	82mm	1mm	1842cc			9.2:1			820XPY				

## S2000 F20C FAST ROAD COMP FORGED PISTON KIT (1999-2009)

\* BORE: 87MM \* STROKE: 84MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 153MM  
ENGINE CODE: F20C / F20C1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9208DA	87mm	0mm	1997cc			11.7:1			870XSY-3				
K9208D050	87.5mm	0.5mm	2020cc	30mm	+9.4cc	11.82:1	23mm	WP024-SP	875XSY-3	CW23	-	✓	A4.3
K9208D100	88mm	1mm	2043cc			11.95:1			880XSY-3				



# HONDA

## S2000 F20C 9:1 COMP FORGED PISTON KIT (1999-2009)

\* BORE: 87MM \* STROKE: 84MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 153MM  
ENGINE CODE: F20C / F20C1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9435DA	87mm	0mm	1997cc			9:1			870XPY				
K9435D050	87.5mm	0.5mm	2020cc			9.09:1			875XPY				
K9435D100	88mm	1mm	2043cc	30mm	-9.4cc	9.18:1	23mm	WP024-SP	880XPY	CW23	-	✓	A4.3
K9435D200	89mm	2mm				9.37:1			890XPY				
K9435D300	90mm	3mm				9.56:1			900XPY				

## INTEGRA TYPE-R B18C5 & C6 9:1 COMP FORGED PISTON KIT (1997-2000)

\* BORE: 81MM \* STROKE: 87MM \* COMP RATIO: 10.6:1 \* ROD LENGTH 138MM  
ENGINE CODE: B18C5 & B18C6

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9210DA	81mm	0mm	1793cc			9:1			810XPY				
K9210D050	81.5mm	0.5mm	1815cc			9:1			815XPY				
K9210D150	82mm	1.5mm	1837cc			9:1			825XPY				
K9210D200	83mm	2mm	1882cc	30mm	-6.5cc	9:1	21mm	WP092-SP	830XPY	CW21	✓	✓	A4.3
K9210D300	84mm	3mm	1928cc			9:1			840XPY				
K9210D350	84.5mm	3.5mm	1951cc			9:1			845XPY				
K9210D400	85mm	4mm	1974cc			9:1			850XPY				

## CIVIC B16A 9:1 COMP FORGED PISTON KIT (1989-2001)

\* BORE: 81MM \* STROKE: 77.4MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 134.4MM  
ENGINE CODE: B16A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9425DA	81mm	0mm	1595cc			9:1			810XPY				
K9425D050	81.5mm	0.5mm	1615cc			9:1			815XPY				
K9425D100	82mm	1mm	1635cc			9:1			820XPY				
K9425D150	82.5mm	1.5mm	1655cc	29.85mm	-2.7cc	9:1	21mm	WP139-SP	825XPY	CW21	✓	✓	A4.3
K9425D200	83mm	2mm	1675cc			9:1			830XPY				
K9425D300	84mm	3mm	1715cc			9:1			840XPY				
K9425D350	84.5mm	3.5mm	1736cc			9:1			845XPY				
K9425D400	85mm	4mm	1756cc			9:1			850XPY				



# HONDA



## CIVIC B16A1,A2 & A3 10:1 COMP FORGED PISTON KIT (1989-2001)

\* BORE: 81MM \* STROKE: 77.4MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 134.4MM  
ENGINE CODE: B16A1,2,3

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9534DA	81mm	0mm	1595cc			10.0:1			810XPY				
K9534D050	81.5mm	0.5mm	1615cc			10.0:1			815XPY				
K9534D100	82mm	1mm	1635cc			10.0:1			820XPY				
K9534D150	82.5mm	1.5mm	1655cc	30mm	+2.84cc	10.0:1	21mm	WP139-SP	825XPY	CW21	-	✓	A4.3
K9534D200	83mm	2mm	1675cc			10.0:1			830XPY				
K9534D300	84mm	3mm	1715cc			10.0:1			840XPY				
K9534D350	84.5mm	3.5mm	1736cc			10.0:1			845XPY				
K9534D400	85mm	4mm	1756cc			10.0:1			850XPY				

## CIVIC 2.0 16V TURBO K20C1 TYPE-R FORGED PISTON KIT (2015>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 139MM  
ENGINE CODE: K20C1

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9535DA	86mm	0mm	1998cc			9.8:1			860XPY				
K9535D050	86.5mm	0.5mm	2021cc	32mm	+4.56cc	9.8:1	22mm	WP136-SP	865XPY	CW22	✓	✓	A4.3

## CIVIC 1.5 16V TURBO FORGED PISTON KIT (2017>)

\* BORE: 73MM \* STROKE: 89.4MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 139MM  
ENGINE CODE: L15

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9529DA	73mm	0mm	1496cc			9.5:1			730XPY				
K9529D050	73.5mm	0.5mm	1517cc	28.6mm	-17.05cc	9.5:1	20mm	WP135-SP	735XPY	CW20	-	✓	A4.3

## CIVIC 1.7 16V TURBO FORGED PISTON KIT (2000-2015)

\* BORE: 75MM \* STROKE: 94.4MM \* COMP RATIO: 9.9:1 \* ROD LENGTH 137MM  
ENGINE CODE: D17

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9501DA	75mm	0mm	1668cc			8.8:1			750XPZ				
K9501D050	75.5mm	0.5mm	1690cc	27mm	-14.6cc	8.8:1	19mm	WP050-SP	755XPZ	CW19	-	✓	A4.3



LANCIA

**DELTA HF INTEGRALE 2.0 8V TURBO FORGED PISTON KIT (1990-1994)**

\* BORE: 84MM \* STROKE: 90MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: 835A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9010DA	84mm	0mm	1995cc			8:1			840XPY				
K9010D020	84.2mm	0.2mm	2004cc			8.03:1			842XPY				
K9010D040	84.4mm	0.4mm	2014cc	39.65mm	-17.45cc	8.07:1	22mm	WP046-SP	844XPY	CW22	✓	-	A4.3
K9010D060	84.6mm	0.6mm	2023cc			8.1:1			846XPY				
K9010D080	84.8mm	0.8mm	2033cc			8.13:1			848XPY				

**DELTA INTEGRALE 2.0 16V TURBO EVO GRP.A FORGED PISTON KIT (1994-1999)**

\* BORE: 84MM \* STROKE: 90MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: 836

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9011DA	84mm	0mm	1995cc			7.74:1			840XPY				
K9011D020	84.2mm	0.2mm	2004cc			7.77:1			842XPY				
K9011D040	84.4mm	0.4mm	2014cc	39.65mm	-25.2cc	7.8:1	22mm	WP046-SP	844XPY	CW22	✓	-	A4.3
K9011D060	84.6mm	0.6mm	2023cc			7.84:1			846XPY				
K9011D080	84.8mm	0.8mm	2033cc			7.87:1			848XPY				
K9011D100	85mm	1mm	2042cc			7.9:1			850XPY				

LANCIA



**Wössner**  
HIGH PERFORMANCE PISTONS  
RESEARCH & DEVELOPMENT  
Manufacturer of forged pistons

**DELTA INTEGRALE 2.0 16V TURBO EVO FORGED PISTON KIT (1994-1999)**

\* BORE: 84MM \* STROKE: 90MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 145MM  
ENGINE CODE: 836

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9532DA	84mm	0mm	1995cc			7.98:1			840XPY				
K9532D020	84.2mm	0.2mm	2004cc			8.02:1			842XPY				
K9532D040	84.4mm	0.4mm	2014cc	39mm	-19cc	8.05:1	22mm	WP046-SP	844XPY	CW22	✓	-	A4.3
K9532D060	84.6mm	0.6mm	2023cc			8.08:1			846XPY				
K9532D080	84.8mm	0.8mm	2033cc			8.11:1			848XPY				
K9532D100	85mm	1mm	2042cc			8.14:1			850XPY				

**STRATOS 2.4 V6 HIGH COMP FORGED PISTON KIT (1969-1974)**

\* BORE: 92.5MM \* STROKE: 60MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 117.92MM  
ENGINE CODE: 135C

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9101DA	92.5mm	0mm	2419cc			10.1:1			930XS3-3				
K9101D050	93mm	0.5mm	2445cc	30mm	+18.77cc	10.1:1	20mm	WP052-SP	935XS3-3	CW20	-	-	A6.1
K9101D100	93.5mm	1mm	2471cc			10.2:1			925XS3-3				



## MAZDA

### MIATA / MX-5 1.8 16V HIGH COMP FORGED PISTON KIT (1994-2005)

\* BORE: 83MM \* STROKE: 85MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 133MM  
ENGINE CODE: BP/NB

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9078D050	83.5mm	0.05mm	1861cc	31.2mm	+7cc	12:1	20mm	WP052-SP	835XSY-3	CW20	-	✓	A4.3
K9078D100	84mm	0.05mm	1884cc						840XSY-3				
K9078D150	84.5mm	0.05mm	1906cc						845XSY-3				
K9078D200	85mm	0.05mm	1929cc						850XSY-3				

### MIATA / MX-5 1.8 16V FAST ROAD COMP FORGED PISTON KIT (1998-2005)

\* BORE: 83MM \* STROKE: 85MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 133MM  
ENGINE CODE: BP/NB

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9436D050	83.5mm	0.5mm	1861cc	31.2mm	-0.3cc	9.1:1	20mm	WP052-SP	835XPY	CW20	-	✓	A4.3
K9436D100	84mm	1mm	1884cc			9.19:1			840XPY				
K9436D150	84.5mm	1.5mm	1906cc			9.29:1			845XPY				

### MIATA / MX-5 1.6 16V HIGH COMP FORGED PISTON KIT (1998-2005)

\* BORE: 78MM \* STROKE: 83.6MM \* COMP RATIO: 8.6:1 \* ROD LENGTH 133MM  
ENGINE CODE: B6D

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9079DA	78mm	0mm	1597cc	32.4mm	+5.3cc	11:1	20mm	WP038-SP	780XDS-3	CW20	-	✓	A4.3
K9079D100	79mm	1mm	1639cc			11.12:1			790XDS-3				
K9079D150	79.5mm	1.5mm	1659cc			11.26:1			795XDS-3				

### MIATA / MX-5 1.6 16V LOW COMP FORGED PISTON KIT (1998-2005)

\* BORE: 78MM \* STROKE: 83.6MM \* COMP RATIO: 8.6:1 \* ROD LENGTH 133MM  
ENGINE CODE: B6D

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9438D050	78.5mm	0.5mm	1618cc	32.4mm	-5cc	9:1	20mm	WP052-SP	785XPZ	CW20	-	✓	A4.3
K9438D100	79mm	1mm	1639cc			9.1:1			790XPZ				
K9438D150	79.5mm	1.5mm	1659cc			9.2:1			795XPZ				



## MAZDA

### MIATA / MX-5 2.0 16V 9:1 COMP FORGED PISTON KIT (2005-2014)

\* BORE: 87.5MM \* STROKE: 83.1MM \* COMP RATIO: 10.8:1 \* ROD LENGTH 146.25MM  
ENGINE CODE: LFY/G

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9439DA	87.5mm	0mm	1998cc	28.4mm	-12.1cc	9:1	21mm	WP139-SP	875XPY	CW21	-	✓	A4.2
K9439D050	88mm	0.5mm	2021cc			9.09:1			880XPY				
K9439D100	88.5mm	1mm	2044cc			9.18:1			885XPY				

### MAZDASPEED 3 & 6 MPS 2.3 16V TURBO FORGED PISTON KIT (2005-2012)

\* BORE: 87.5MM \* STROKE: 94MM \* COMP RATIO: 9.5:1 \* ROD LENGTH 150.8MM  
ENGINE CODE: DSI/L-VDT

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9526DA	87.5mm	0mm	2260cc	32.5mm	-14cc	9.5:1	22.5mm	WP120-SP	875XPY	CW23	✓	✓	A4.3
K9526D050	88mm	0.5mm	2286cc			9.56:1			880XPY				



## MERCEDES

◆ Hard anodised crown.

### AMG A45 2.0 16V TURBO FORGED PISTON KIT (2019>)

\* BORE: 83MM \* STROKE: 92MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 138.7MM  
ENGINE CODE: M133 DE20 AL

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9524DA	83mm	0mm	1991cc	30.2mm	11cc	9.5:1	22mm	WP098-SP	830XPY	CW22	✓	-	A4.8
◆K9524D050	83.5mm	0.5mm	2015cc						835XPY				

### AMG A35 2.0 16V TURBO FORGED PISTON KIT (2019>)

\* BORE: 83MM \* STROKE: 92MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 138.7MM  
ENGINE CODE: M260 DE20 LA

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9525DA	83mm	0mm	1991cc	33.6mm	20cc	9.5:1	20mm	WP065-SP	830XPY	CW20	✓	-	A4.8

### A180 2.0 16V TURBO FORGED PISTON KIT (2019>)

\* BORE: 83MM \* STROKE: 92MM \* COMP RATIO: 10.3:1  
ENGINE CODE: M274

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9530DA	83mm	0mm	1991cc	33.8mm	-19.31cc	10.0:1	20mm	WP065-SP	830XPY	CW20	-	-	A4.3
K9530D050	83.5mm	0.5mm	2015cc						835XPY				

### CLS450 3.0 24V V6 TWIN TURBO FORGED PISTON KIT (2013>)

\* BORE: 88MM \* STROKE: 82.1MM \* COMP RATIO: 10.7:1  
ENGINE CODE: M276DE30LA

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9537DA	88mm	0mm	2996cc	32.3mm	-1.88cc	10.7:1	22mm	WP136-SP	880XPY	CW22	-	-	A6.03

## MINI



### MINI COOPER 1.6 16V SUPERCHARGED LOW COMP FORGED PISTON KIT (2002-2007)

\* BORE: 77MM \* STROKE: 85.5MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 131.5MM  
ENGINE CODE: W11B16A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9123DA	77mm	0mm	1592cc			8.3:1			770XPZ				
K9123D025	77.25mm	0.25mm	1602cc	26.5mm	1.25cc	8.35:1	21mm	WP051-SP	772XPZ	CW21	✓	✓	A4.1
K9123D050	77.5mm	0.5mm	1613cc			8.4:1			775XPZ				

### MINI COOPER 1.6 16V TURBO FORGED PISTON KIT (2010-2015)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 132.5MM  
ENGINE CODE: N14B16A

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9521DA	77mm	0mm	1598cc			10.5:1			770XPZ				
K9521D025	77.25mm	0.25mm	1608cc	28.5mm	-0.6cc	10.62:1	20mm	WP068DLC	772XPZ	CW20	✓	✓	A4.6
K9521D050	77.5mm	0.5mm	1618cc			10.62:1			775XPZ				

### MINI COOPER 1.6 16V TURBO FORGED PISTON KIT (2010-2015)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 132.5MM  
ENGINE CODE: N14B16A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9469DA	77mm	0mm	1598cc			10.5:1			770XPZ				
◆K9469D025	77.25mm	0.25mm	1608cc	28.5mm	-0.6cc	10.62:1	20mm	WP068DLC	772XPZ	CW20	✓	-	A4.8
◆K9469D050	77.5mm	0.5mm	1618cc			10.62:1			775XPZ				

### MINI COOPER 1.6 16V FORGED PISTON KIT (2015>)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 138.5MM  
ENGINE CODE: N16

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9513DA	77mm	0mm	1598cc	28.5mm	-6.9cc	10:01	20mm	WP065-SP	770XPZ	CW20	✓	-	A4.8
◆K9513D50	77.5mm	0.5mm	1618cc						775XPZ				



## MINI

### MINI COOPER 1.6 16V FORGED PISTON KIT (2015>)

\* BORE: 77MM \* STROKE: 85.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 138.5MM  
ENGINE CODE: N16

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9520DA	77mm	0mm	1598cc	28.5mm	-6.9cc	10:01	20mm	WP065-SP	770XPZ	CW20	✓	-	A4.6
K9520D050	77.5mm	0.5mm	1618cc						775XPZ				

### MINI COOPER 2.0 16V TURBO FORGED PISTON KIT (2011-2017)

\* BORE: 84MM \* STROKE: 89.6MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144.35MM  
ENGINE CODE: N20B20

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9506DA	84mm	0mm	1997cc	32.5mm	-9.7cc	10.0:1	22mm	WP136-SP	840XPY	CW22	✓	-	A4.3

### MINI COOPER 2.0 16V TURBO FORGED PISTON KIT (2019>)

\* BORE: 82MM \* STROKE: 94.6MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 148.2MM  
ENGINE CODE: B48

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9546DA-4	82mm	0mm	1998cc	33.2mm	-8.47cc	11.0:1	22mm	WP136-SP	820XPY	CW22	✓	-	A4.3
K9546D050-4	82.5mm	0.5mm	2022cc						825XPY				



## MITSUBISHI



### LANCER 2.0 16V TURBO EVO IV-VII LOW COMP FORGED PISTON KIT (1996-2003)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 150MM  
ENGINE CODE: 4G63

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9062DA	85mm	0mm	1997cc						850XPY				
K9062D050	85.5mm	0.5mm	2020cc						855XPY				
K9062D100	86mm	1mm	2044cc	34.7mm	-14.6cc	8:1	22mm	WP046-SP	860XPY	CW22	✓	✓	A4.3
K9062D150	86.5mm	1.5mm	2068cc						865XPY				

### LANCER 2.0 16V TURBO EVO VIII-IX LOW COMP FORGED PISTON KIT (2003-2007)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 150MM  
ENGINE CODE: 4G63

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9125DA	85mm	0mm	1997cc			8:1			850XPY				
K9125D050	85.5mm	0.5mm	2020cc	34.3mm	-13.7cc	8.08:1	22mm	WP046-SP	855XPY	CW22	✓	✓	A4.3
K9125D100	86mm	1mm	2044cc			8.17:1			860XPY				

### LANCER 2.0 16V EVO X RS TURBO LOW COMP FORGED PISTON KIT (2008-2015)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 143.75MM  
ENGINE CODE: 4B11 MIVEC

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9279DA	86mm	0mm	1998cc		-4.7cc				860XPY				
K9279D050	86.5mm	0.5mm	2021cc		-5.4cc				865XPY				
K9279D200	88mm	2mm	2092cc	33.3mm	-7.6cc	8.5:1	23mm	WP143-SP	880XPY	CW23	-	✓	A4.3
K9279D300	89mm	3mm	2140cc		-9.1cc				890XPY				
K9279D400	90mm	4mm	2188cc		-10.6cc				900XPY				

### LANCER 2.0 16V TURBO EVO IV-VII 9:1 FORGED PISTON KIT (1996-2003)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 150MM  
ENGINE CODE: 4G63

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9441DA	85mm	0mm	1997cc			9:1			850XPY				
K9441D050	85.5mm	0.5mm	2020cc	34.7mm	-5.7cc	9.09:1	22mm	WP046-SP	855XPY	CW22	✓	✓	A4.3
K9441D100	86mm	1mm	2044cc			9.19:1			860XPY				

# MITSUBISHI

## LANCER 2.0 16V TURBO EVO VIII-IX 9:1 FORGED PISTON KIT (2003-2007)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 150MM  
ENGINE CODE: 4G63

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9455DA	85mm	0mm	1997cc			9:1			850XPY				
K9455D050	85.5mm	0.5mm	2020cc	34.3mm	-5.2cc	9.09:1	22mm	WP046-SP	855XPY	CW22	✓	✓	A4.3
K9455D100	86mm	1mm	2044cc			9.19:1			860XPY				

## LANCER 2.0 16V TURBO EVO VIII-IX 9:1 LONG ROD FORGED PISTON KIT (2003-2007)

\* BORE: 85MM \* STROKE: 88MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 156MM  
ENGINE CODE: 4G63

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9503DA	85.00	0mm	1997cc						850XPY				
K9503D050	85.50	0.5mm	2020cc	28.3mm	-5.2cc	9.0:1	22mm	WP046-SP	855XPY	CW22	-	✓	A4.3
K9503D100	86.00	1mm	2044cc						860XPY				

## LANCER 2.0 16V TURBO EVO X RS RACE COMP FORGED PISTON KIT (2008-2015)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 143.75MM  
ENGINE CODE: 4B11 MIVEC

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9496DA	86mm	0mm	1998cc						860XPY				
K9496D050	86.5mm	0.5mm	2021cc						865XPY				
K9496D100	87mm	1mm	2044cc	33.3mm	-2.2cc	10.0:1	23mm	WP143-SP	870XPY	CW23	-	✓	A4.3
K9496D200	88mm	2mm	2092cc						880XPY				
K9496D300	89mm	3mm	2140cc						890XPY				
K9496D400	90mm	4mm	2188cc						900XPY				

# MITSUBISHI

## LANCER 2.0 16V TURBO EVO X RS RACE COMP STROKER FORGED PISTON KIT (2008-2015)

\* BORE: 86MM \* STROKE: 98MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 143.75MM  
ENGINE CODE: 4B11 MIVEC

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9498DA	86mm	0mm	1998cc	27.36mm	-13.8cc	9.0:1	23mm	WP143-SP	860XPY	CW23	-	-	A4.3

## ECLIPSE 2.4 16V 9:1 COMP FORGED PISTON KIT (1996-2005)

\* BORE: 85MM \* STROKE: 100MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 150MM  
ENGINE CODE: 4G64

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9460D050	85.5mm	0.5mm	2296cc	28.7mm	-16cc	9:1	22mm	WP046-SP	855XPY	CW22	-	-	A4.3
K9460D100	86mm	1mm	2323cc			9.09:1			860XPY				

## 3000 GTO 3.0 V6 TURBO 9:1 FORGED PISTON KIT (1992-1999)

\* BORE: 91.1MM \* STROKE: 76MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 141MM  
ENGINE CODE: 6G72TT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9440D040	91.5mm	0.4mm	2998cc			9:1			915XPY				
K9440D090	92mm	0.9mm	3031cc	32mm	-6.3cc	9.09:1	22mm	WP046-SP	920XPY	CW22	-	✓	A6.1
K9440D140	92.5mm	1.4mm	3064cc			9.18:1			925XPY				





# NISSAN

## PULSAR GTI-R & 200SX SR20DET 2.0 16V TURBO FORGED PISTON KIT (1993-1999)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136.25MM  
ENGINE CODE: SR20DET

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9058DA	86mm	0mm	1998cc			8:1			860XPY				
K9058D050	86.5mm	0.5mm	2021cc			8.08:1			865XPY				
K9058D100	87mm	1mm	2044cc	32mm	-16.5cc	8.16:1	22mm	WP136-SP	870XPY	CW22	✓	✓	A4.3
K9058D200	88mm	2mm	2092cc			8.32:1			880XPY				
K9058D300	89mm	3mm	2140cc			8.49:1			890XPY				

## PULSAR GTI-R & 200SX S14 SR20DET 2.0 16V TURBO 9:1 FORGED PISTON KIT (1993-1999)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136.25MM  
ENGINE CODE: SR20DET

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9429DA	86mm	0mm	1998cc						860XPY				
K9429D050	86.5mm	0.5mm	2021cc						865XPY				
K9429D100	87mm	1mm	2044cc	32mm	-7.6cc	9:1	22mm	WP136-SP	870XPY	CW22	✓	✓	A4.3
K9429D200	88mm	2mm	2092cc						880XPY				
K9429D300	89mm	3mm	2140cc						890XPY				
K9429D400	90mm	4mm	2188cc						900XPY				

## 200SX S13 CA18DET 1.8 16V TURBO LOW COMP PISTON KIT (1983-1990)

\* BORE: 83MM \* STROKE: 83.6MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 133MM  
ENGINE CODE: CA18DET

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9197DA	83mm	0mm	1809cc			8:1			830XPY				
K9197D050	83.5mm	0.5mm	1831cc	30mm	-4.4cc	8.08:1	20mm	WP061-SP	835XPY	CW20	-	✓	A4.2
K9197D100	84mm	1mm	1853cc			8.17:1			840XPY				

## 200SX S13 CA18DET 1.8 16V TURBO 9:1 FORGED PISTON KIT (1983-1990)

\* BORE: 83MM \* STROKE: 83.6MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 133MM  
ENGINE CODE: CA18DET

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9431DA	83mm	0mm	1809cc			9:1			830XPY				
K9431D050	83.5mm	0.5mm	1831cc	30mm	+3.8cc	9.1:1	20mm	WP061-SP	835XPY	CW20	-	✓	A4.3
K9431D100	84mm	1mm	1853cc			9.19:1			840XPY				



# NISSAN

## SKYLINE GTT 2.5 24V TURBO R32, R33 & R34 LOW COMP FORGED PISTON KIT (1989-2002)

\* BORE: 86MM \* STROKE: 71.7MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 121.5MM  
ENGINE CODE: RB25DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9172DA	86mm	0mm	2498cc			8:1			860XPY				
K9172D025	86.25mm	0.25mm	2513cc			8.08:1			862XPY				
K9172D050	86.5mm	0.5mm	2528cc	31.5mm	+8.8cc	8.08:1	21mm	WP092-SP	865XPY	CW21	✓	✓	A6.1
K9172D100	87mm	1mm	2557cc			8.16:1			870XPY				

## SKYLINE GTR 2.6 24V TURBO R32, R33 & R34 LOW COMP FORGED PISTON KIT (1989-2002)

\* BORE: 86MM \* STROKE: 73.7MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 121.5MM  
ENGINE CODE: RB26DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9059DA	86mm	0mm	2568cc			7.8:1			860XPY				
K9059D025	86.25mm	0.25mm	2583cc			7.85:1			862XPY				
K9059D050	86.5mm	0.5mm	2598cc	30mm	+12.6cc	7.88:1	21mm	WP092-SP	865XPY	CW21	✓	✓	A6.1
K9059D100	87mm	1mm	2628cc			7.96:1			870XPY				

## SKYLINE GTR 2.8 24V TURBO R32, R33 & R34 RACE COMP STROKER FORGED PISTON KIT (1989-2002)

\* BORE: 86MM \* STROKE: 77.7MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 121.5MM  
ENGINE CODE: RB26DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9262D050	86.5mm	0.5mm	2739cc			8.5:1			865XPY				
K9262D100	87mm	1mm	2771cc	28.5mm	+8.8cc	8.59:1	21mm	WP092-SP	870XPY	CW21	✓	✓	A6.1

## GTR 3.8 V6 24V TURBO RACE COMP FORGED PISTON KIT (2007>)

\* BORE: 95.5MM \* STROKE: 88.4MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 165.1MM  
ENGINE CODE: VR38DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9401DA	95.5mm	0mm	3799cc			9.5:1			955XPY				
K9401D050	96mm	0.5mm	3839cc	34.3mm	-0.1cc	9.59:1	23mm	WP143-SP	960XPY	CW23	✓	-	A6.1

## GTR 3.8 V6 24V TURBO STROKER FORGED PISTON KIT (2007>)

\* BORE: 95.5MM \* STROKE: 94.4MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 165.1MM  
ENGINE CODE: VR38DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9504DA	95.50mm	Std	4057cc	31.30mm	-10.13cc	9.5:1	23mm	WP094-SP	955XPY-3	CW23	✓	✓	A6.1

**NEW**

# NISSAN

## 300ZX 3.0 V6 24V TURBO LOW COMP FORGED PISTON KIT (1989-2002)

\* BORE: 87MM \* STROKE: 83MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 154MM  
ENGINE CODE: VG30DETT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9061DA	87mm	0mm	2960cc	32mm	-4.9cc	8.5:1	22mm	WP046-SP	870XPY	CW22	-	✓	A6.1
K9061D050	87.5mm	0.5mm	8.58:1			875XPY							
K9061D100	88mm	1mm	8.66:1			880XPY							
K9061D200	89mm	2mm	8.83:1			890XPY							

## 350Z 3.5 V6 24V HIGH COMP FORGED PISTON KIT (2003-2009)

\* BORE: 95.5MM \* STROKE: 81.4MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 144MM  
ENGINE CODE: VQ35DE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9127DA	95.5mm	0mm	3498cc	29.9mm	+12.5cc	12:1	22mm	WP017-SP	955XSY-3	CW22	-	✓	A6.1
K9127DD	95.53mm	0.03mm	3500cc			12:1			955XSY-3				
K9127D050	96mm	0.5mm	3535cc			12.11:1			960XSY-3				
K9127D100	96.5mm	1mm	3572cc			12.23:1			965XSY-3				

## 350Z 3.5 V6 24V LOW COMP FORGED PISTON KIT (2003-2009)

\* BORE: 95.5MM \* STROKE: 81.4MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 144MM  
ENGINE CODE: VQ35DE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9128DA	95.5mm	0mm	3498cc	29.6mm	-12.7cc	8.5:1	22mm	WP046-SP	955XPY	CW22	-	✓	A6.1
K9128D050	96mm	0.5mm	3535cc			8.57:1			960XPY				

## 350Z 3.5 V6 24V FAST ROAD COMP FORGED PISTON KIT (2003-2009)

\* BORE: 95.5MM \* STROKE: 81.4MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 144MM  
ENGINE CODE: VQ35DE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9406D050	96mm	0.5mm	3535cc	29.6mm	0.1cc	10.0:1	22mm	WP046-SP	960XPY	CW22	-	✓	A6.1
K9406D100	96.5mm	1mm	3572cc			10.07:1			965XPY				

# NISSAN

## 370Z 3.7 V6 24V LOW COMP FORGED PISTON KIT (2009>)

\* BORE: 95.5MM \* STROKE: 86MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 149.5MM  
ENGINE CODE: VQ337VHR

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9509DA	95.5mm	0mm	3696cc	30.4mm	-24cc	8.5:1	22mm	WP098-SP	955XPY	CW22	-	✓	A6.1
K9509D050	96mm	0.5mm	3434cc						960XPY				

## 370Z 3.7 V6 24V 10:1 COMP FORGED PISTON KIT (2009>)

\* BORE: 95.5MM \* STROKE: 86MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 149.5MM  
ENGINE CODE: VQ337VHR

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9510DA	95.5mm	0mm	3696cc	30.4mm	-10cc	10:1	22mm	WP098-SP	955XPY	CW22	-	✓	A6.1
K9510D050	96mm	0.5mm	3434cc						960XPY				

## 370Z 3.7 V6 24V HIGH COMP FORGED PISTON KIT (2009>)

\* BORE: 95.5MM \* STROKE: 86MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 149.5MM  
ENGINE CODE: VQ337VHR

NEW

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9511DA	95.5mm	0mm	3696cc	30.4mm	-0.8cc	11.5:1	22mm	WP098-SP	955XPY	CW22	-	✓	A6.1
K9511D050	96mm	0.5mm	3434cc						960XPY				

# PORSCHE

◆ Not Suitable for Alusil or Lokasil treated bores.

## 356B, 356SC & 912 SUPER 90 1.6 8V FORGED PISTON KIT (1959-1969)

\* BORE: 82.5MM \* STROKE: 74MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 136MM  
ENGINE CODE: 616.16,36

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9015DA	82.5mm	0mm	1582cc			9.5:1			825XSY-3				
K9015D050	83mm	0.5mm	1601cc	27mm	+19.33cc	9.6:1	22mm	WP017-SP	830XSY-3	CW22	-	-	A4.3
K9015D100	83.5mm	1mm	1620cc			9.71:1			835XSY-3				

## 993 3.6 FORGED PISTON KIT (1994-1998)

\* BORE: 100MM \* STROKE: 76.4MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 127.75MM  
ENGINE CODE: M64

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9016DA	100mm	0mm	3600cc	31.7mm	+40.16cc	11.8:1	23mm	WP0008	1000XSY	C23x1.6	-	-	A6.1
◆K9016D200	102mm	2mm	3745cc						1020XSK				

## 964 3.6 FORGED PISTON KIT (1989-1994)

\* BORE: 100MM \* STROKE: 76.4MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 127MM  
ENGINE CODE: M64

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9017DA	100mm	0mm	3600cc	31.7mm	+40.16cc	11.8:1	23mm	WP0008	1000XSY	C23x1.6	-	-	A6.1
◆K9017D200	102mm	2mm	3745cc						1020XSK				

## 911E & 911L 2.0 8V FORGED PISTON KIT (1965-1968)

\* BORE: 80MM \* STROKE: 66MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 130MM  
ENGINE CODE: 2000

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9102DA	80mm	0mm	2498cc			9:1			800XDS-3				
K9102D050	80.5mm	0.5mm	2513cc	34mm	+32.3cc	9.1:1	22mm	WP017-SP	805XDS-3	CW22	-	-	A6.1
K9102D100	81mm	1mm	2528cc			9.2:1			810XSY-3				
K9102D150	81.5mm	1.5mm	2557cc			9.2:1			815XSY-3				

## 911S 2.2 12V HIGH COMP FORGED PISTON KIT (1969-1970)

\* BORE: 84MM \* STROKE: 66MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 130MM  
ENGINE CODE: 911.02

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9103DA	84mm	0mm	2194cc			10.5:1			840XSY-3				
K9103D050	84.5mm	0.5mm	2220cc	34mm	+29.4cc	10.61:1	22mm	WP017-SP	845XSY-3	CW22	-	-	A6.1
K9103D100	85mm	1mm	2247cc			10.73:1			850XSY-3				

# PORSCHE



## 911T 2.2 12V FORGED PISTON KIT (1969-1971)

\* BORE: 84MM \* STROKE: 66MM \* COMP RATIO: 8.6:1 \* ROD LENGTH 130MM  
ENGINE CODE: 911.03

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9135DA	84mm	0mm	2194cc			8.5:1			840XPY				
K9135D050	84.5mm	0.5mm	2220cc	34mm	+19.1cc	8.59:1	22mm	WP017-SP	845XPY	CW22	-	-	A6.1
K9135D100	85mm	1mm	2247cc			8.68:1			850XPY				

## 965 TURBO 3.8 STROKER COMP FORGED PISTON KIT (1990-1994)

\* BORE: 100MM \* STROKE: 76.4MM \* COMP RATIO: 7.5:1 \* ROD LENGTH 127MM  
ENGINE CODE: M64

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9196D200	102mm	2mm	3745cc	31.7mm	+6.65cc	8.2:1	23mm	WP008-SP	1020XSK	C23x1.6	-	-	A6.1

## 911 SC 3.0 12V HIGH COMP FORGED PISTON KIT (1980-1983)

\* BORE: 95MM \* STROKE: 70.4MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 127.75MM  
ENGINE CODE: 930.10

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9254DA	95mm	0mm	2994cc			10.5:1			950XSY-3				
K9254D300	98mm	3mm	3186cc	34mm	+42.2cc	11.1:1	22mm	WP017-SP	980XSY-3	C22x1.6	-	-	A6.2

## 911 3.2 12V FORGED PISTON KIT (1983-1990)

\* BORE: 95MM \* STROKE: 74.4MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 127MM  
ENGINE CODE: 930.20,21,26

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9255DA	95mm	0mm	3164cc	32.8mm	+36.5cc	10.5:1	22mm	WP024-SP	950XSY-3	C23x1.6	-	-	A6.2
K9255D300	98mm	3mm	3367cc			11.1:1			980XSY-3				A6.1

## 996 TT & GT2 3.8 STROKER FORGED PISTON KIT (2001-2005)

\* BORE: 100MM \* STROKE: 76.4MM \* COMP RATIO: 9.4:1 \* ROD LENGTH 127MM  
ENGINE CODE: M96

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9260D200	102mm	2mm	3745cc	33.1mm	-20cc	9.4:1	23mm	WP047-SP	1020XSK	C23x1.6	-	✓	A6.2

## 930 3.3 12V TURBO FORGED PISTON KIT (1977-1990)

\* BORE: 97MM \* STROKE: 74.4MM \* COMP RATIO: 7.0:1 \* ROD LENGTH 127MM  
ENGINE CODE: M30.66 / B6

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9290DA	97mm	0mm	3298cc			7:1			970XPY				
K9290D100	98mm	1mm	3367cc	32.8mm	+4.2cc	7:1	23mm	WP094-SP	980XPY	C23x1.6	-	-	A6.2

# PORSCHE

◆ Not Suitable for Alusil or Lokasil treated bores.

## 911-S HIGH COMP FORGED PISTON KIT (1966)

\* BORE: 80MM \* STROKE: 66MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 130MM  
ENGINE CODE: 2000

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9412DA	80mm	0mm	1990cc			10.5:1			800XDS-3				
K9412D050	80.5mm	0.5mm	2015cc	34mm	+34.5cc	10.62:1	22mm	WP017-SP	805XDS-3	CW22	-	-	A6.1
K9412D100	81mm	1mm	2040cc			10.74:1			810XDS-3				

## 911 CARRERA & RS 2.7 HIGH COMP FORGED PISTON KIT (1973)

\* BORE: 90MM \* STROKE: 70.4MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 127MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9413DA	90mm	0mm	2687cc			11.6:1			900XSY-3				
K9413D200	92mm	2mm	2807cc	33.7mm	+31.5cc	11.6:1	22mm	WP017-SP	920XSY-3	CW22	-	-	A6.1

## 911 SC 3.0 12V HIGH COMP FORGED PISTON KIT (1980-1983)

\* BORE: 100MM \* STROKE: 76.4MM \* COMP RATIO: 7.5:1 \* ROD LENGTH 127MM  
ENGINE CODE: M64

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9456DA	95mm	0mm	1996cc	34mm	+52.4cc	11.5:1	22mm	WP046-SP	950XSY-3	C22x1,6	-	-	A6.1

## 997 & 911 CARRERA 4 FORGED PISTON KIT

\* BORE: 96MM \* STROKE: 78MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 145MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9468DA	96mm	0mm	3387cc			11.3:1			960XSY-3				
K9468D050	96.5mm	0.5mm	3422cc	32.3mm	-15cc	11.4:1	22mm	WP098-SP	965XSY-3	C22x1,6	-	-	A4.6

## CAYMAN S 3.4 24V FORGED PISTON KIT (2006-2009)

\* BORE: 96MM \* STROKE: 78MM \* COMP RATIO: 11.1:1 \* ROD LENGTH 145MM  
ENGINE CODE: M97.21

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9471DA	96mm	0mm	3387cc			11.1:1			960XPY				
◆K9471D050	96.5mm	0.5mm	3422cc	32.3mm	-10cc	11.2:1	22mm	WP098-SP	965XPY	CW22	-	-	A6.2
◆K9471D100	97mm	1mm	3458cc			11.31:1			970XPY				

# PORSCHE



## 996 & 911 CARRERA 4 FORGED PISTON KIT (1997-2001)

\* BORE: 96MM \* STROKE: 78MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 145MM  
ENGINE CODE: M96.01/04

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9472DA	96mm	0mm	3387cc			11.3:1			960XPY				
◆K9472D050	96.5mm	0.5mm	3422cc	32.3mm	-15cc	11.4:1	22mm	WP098-SP	965XPY	C22x1,6	-	-	A6.2
◆K9472D100	97mm	1mm	3458cc			11.51:1			970XPY				

## 996 & 911 CARRERA 4S FORGED PISTON KIT (2001-2005)

\* BORE: 96MM \* STROKE: 82.8MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 141.9MM  
ENGINE CODE: M96.03/05

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9473DA	96mm	0mm	3595cc			11.3:1			960XPY				
◆K9473D050	96.5mm	0.5mm	3633cc	33mm	-11cc	11.4:1	22mm	WP098-SP	965XPY	C22x1,6	-	-	A6.2
◆K9473D100	97mm	1mm	3671cc			11.51:1			970XPY				

## 997 & 911 CARRERA 4S FORGED PISTON KIT (2004-2008)

\* BORE: 96MM \* STROKE: 82.8MM \* COMP RATIO: 11.8:1 \* ROD LENGTH 145MM  
ENGINE CODE: M97.015

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9474DA	99mm	0mm	3824cc			11.8:1			990XPY				
◆K9474D050	99.5mm	0.5mm	3862cc	33mm	13.8cc	11.9:1	22mm	WP098-SP	995XPY	C22x1,6	-	-	A6.2
◆K9474D100	100mm	1mm	3901cc			12.01:1			1000XPY				

## 944/945 2.5 FORGED PISTON KIT (1988-1989)

\* BORE: 100MM \* STROKE: 78.9MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 150MM  
ENGINE CODE: M44

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9476DA	100mm	0mm	2478cc			10.6:1			1000XPY				
K9476D050	100.5mm	0.5mm	2503cc	40.8mm	-0.5cc	10.7:1	24mm	WP022-SP	1005XPY	CW24	-	-	A4.5
K9476D100	101mm	1mm	2528cc			10.79:1			1010XPY				

## 944/945 2.5 TURBO FORGED PISTON KIT (1984-2001)

\* BORE: 100MM \* STROKE: 78.9MM \* COMP RATIO: 8.1:1 \* ROD LENGTH 150MM  
ENGINE CODE: M44

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9477DA	100mm	0mm	2478cc			8:1			1000XPY				
K9477D050	100.5mm	0.5mm	2503cc	40.8mm	-26.6cc	8.07:1	24mm	WP137-SP	1005XPY	CW24	-	-	A4.5
K9477D100	101mm	1mm	2528cc			8.14:1			1010XPY				

## PORSCHE

### 912 E, S & T 2.4 HIGH COMP FORGED PISTON KIT (1972-1973)

\* BORE: 84MM \* STROKE: 70.4MM \* COMP RATIO: 8.1:1 \* ROD LENGTH 127.75MM  
ENGINE CODE: N/A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9482DA	84mm	0mm	2340cc			10:1			840XSY-3				
K9482D050	84.5mm	0.5mm	2368cc	34mm	+24.6cc	10.11:1	22mm	WP017-SP	845XSY-3	CW22	-	-	A6.1
K9482D100	85mm	1mm	2396cc			10.22:1			850XSY-3				

### 969 / 944S2 3.0 FORGED PISTON KIT (1988-1991)

\* BORE: 104MM \* STROKE: 88MM \* COMP RATIO: 10.9:1 \* ROD LENGTH 150MM  
ENGINE CODE: M44.41/43

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9493DA	104mm	0mm	2990cc						1040XSU				
K9493D050	104.5mm	0.5mm	3019cc	36mm	-25.5cc	10.9:1	24mm	WP022-SP	1045XSU	CW24	-	-	A4.3
K9493D100	105mm	1mm	3047cc						1050XSU				

### 911 SC 3.0 8V FAST ROAD COMP FORGED PISTON KIT

\* BORE: 95MM \* STROKE: 70.4MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 127.75MM  
ENGINE CODE: 930.1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1720DA	95mm	0mm	2994cc	34mm	+42.2cc	10.5:1	22mm	WP017-SP	950XSY-3	CW22	-	-	A6.03

### 911 SC 3.0 8V HIGH COMP FORGED PISTON KIT

\* BORE: 95MM \* STROKE: 70.4MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 127.75MM  
ENGINE CODE: 930.1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1730DA	95mm	Std	2994cc	34mm	+51.60cc	11.5:1	22mm	WP017-SP	950XSY-3	CW22	-	-	A6.03

### 987 3.2 24V BOXTER-S & CAYMAN OEM COMP FORGED PISTON KIT (2006-2009)

\* BORE: 93MM \* STROKE: 78MM \* COMP RATIO: 11.1:1 \* ROD LENGTH 145MM  
ENGINE CODE: M97.21

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1808DA	93mm	Std	3179cc	32.3mm	-12.65cc	11.1:1	22mm	WP098-SP	930XPY-3	CW22	-	-	A6.3

## RENAULT

### MEGANE & CLIO WILLIAMS 2.0 16V FAST ROAD COMP FORGED PISTON KIT (1994-2003)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9034DA	82.7mm	0mm	1998cc			11.2:1			827XSY-3				
K9034D030	83mm	0.3mm	2012cc	30.7mm	+4.35cc	11.27:1	21mm	WP034-SP	830XSY-3	CW21	✓	✓	A4.3
K9034D080	83.5mm	0.8mm	2037cc			11.39:1			835XSY-3				
K9034D130	84mm	1.3mm	2061cc			11.52:1			840XSY-3				

### MEGANE & CLIO WILLIAMS 2.0 16V HIGH COMP FORGED PISTON KIT (1994-2003)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9037DA	82.7mm	0mm	1998cc			12.5:1			827XSY-3				
K9037DD	82.7mm	0.04mm	1999cc			12.5:1			827XSY-3				
K9037D030	83mm	0.3mm	2012cc	30.7mm	+9cc	12.58:1	21mm	WP034-SP	830XSY-3	CW21	✓	✓	A4.3
K9037D080	83.5mm	0.8mm	2037cc			12.72:1			835XSY-3				
K9037D130	84mm	1.3mm	2061cc			12.86:1			840XSY-3				

### MEGANE & CLIO WILLIAMS 2.0 16V LOW COMP FORGED PISTON KIT (1994-2003)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9133DA	82.7mm	0mm	1998cc			8.5:1			827XPY				
K9133D030	83mm	0.3mm	1999cc	30.7mm	-13.4cc	8.55:1	21mm	WP092-SP	830XPY	CW21	✓	✓	A4.3
K9133D130	84mm	1.3mm	2012cc			8.74:1			840XPY				

### MEGANE & CLIO WILLIAMS 2.0 16V LONG ROD HIGH COMP FORGED PISTON KIT (1994-2003)

\* BORE: 82.7MM \* STROKE: 90MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 150.3MM  
ENGINE CODE: F7RR

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9187DA	84mm	0mm	1995cc	24.9mm	+12.6cc	12.7:1	18mm	WP054-SP	840XSY-3	CW18	✓	✓	A4.2

# RENAULT

## R19 & CLIO 1.8 16V LOW COMP FORGED PISTON KIT (1989-1996)

\* BORE: 82MM \* STROKE: 83.5MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7P

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9200DA	82mm	0mm	1763cc			8:1			820XPY				A4.5
K9200D050	82.5mm	0.5mm	1785cc	35.5mm	-15.8cc	8.09:1	21mm	WP092-SP	825XPY	CW21	✓	✓	A4.2
K9200D100	83mm	1mm	1807cc			8.17:1			830XPY				

## R19 & CLIO 1.8 16V HIGH COMP FORGED PISTON KIT (1989-1996)

\* BORE: 82MM \* STROKE: 83.5MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7P

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9104DA	82mm	0mm	1763cc						820XSY-3				A4.3
K9104D050	82.5mm	0.5mm	1785cc	35.5mm	+8.6cc	12:1	21mm	WP034-SP	825XSY-3	CW21	✓	✓	
K9104D100	83mm	1mm	1807cc						830XSY-3				

## CLIO SPORT 172 & 182 2.0 16V HIGH COMP FORGED PISTON KIT (2000-2006)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-730

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9045DA	82.7mm	0mm	1998cc			12.8:1			827XSY-3				A4.3
K9045DC	82.72mm	0.03mm	1999cc			12.8:1			827XSY-3				
K9045DF	82.75mm	0.05mm	2001cc			12.8:1			830XSY-3				
K9045D030	83mm	0.3mm	2012cc	30.2mm	+5.3cc	12.88:1	21mm	WP051-SP	830XSY-3	CW21	✓	✓	
K9045D080	83.5mm	0.8mm	2037cc			13.02:1			835XSY-3				
K9045D130	84mm	1.3mm	2061cc			13.17:1			840XSY-3				

# RENAULT

## CLIO SPORT 172 & 182 2.0 16V LOW COMP FORGED PISTON KIT (2000-2006)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-730

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9136DA	82.7mm	0mm	1998cc			8.5:1			827XPY				A4.1
K9136DC	82.72mm	0mm	1999cc			8.5:1			827XPY				
K9136D030	83mm	0.3mm	2012cc	30.2mm	-18.3cc	8.55:1	21mm	WP092-SP	830XPY	CW21	✓	✓	
K9136D080	83.5mm	0.8mm	2037cc			8.64:1			835XPY				
K9136D130	84mm	1.3mm	2061cc			8.74:1			840XPY				

## CLIO SPORT 172 & 182 2.0 16V HIGH COMP FORGED PISTON KIT (2000-2006) (USE WITH RACING RODS)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-730

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9230DA	82.7mm	0mm	1998cc			13.3:1			827XSY-3				A4.1
K9230DC	82.72mm	0,02mm	1999cc			13.3:1			827XSY-3				
K9230DD	82.75mm	0,05mm	1998cc			13.35:1			827XSY-3				
K9230D025	83.00mm	0.30mm	1999cc			13.40:1			827XSY-3				

## CLIO SPORT 172 & 182 2.0 16V FAST ROAD COMP FORGED PISTON KIT (2000-2006)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-730

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9417DA	82.7mm	0mm	1998cc			11.8:1			827XSY-3				A4.3
K9417DC	82.72mm	0.02mm	1999cc			11.8:1			827XSY-3				
K9417D030	83mm	0.3mm	2012cc	30.2mm	+3.35cc	11.87:1	21mm	WP051-SP	830XSY-3	CW21	✓	✓	
K9417D080	83.5mm	0.8mm	2037cc			12:1			835XSY-3				
K9417D130	84mm	1.3mm	2061cc			12.13:1			840XSY-3				

# RENAULT

## CLIO SPORT 197 & 200 2.0 16V HIGH COMP FORGED PISTON KIT (2006>) (USE WITH RACING RODS)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-830

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9288DA	82.7mm	0mm	1998cc			12.7:1			827XS-3				
K9288DC	82.72mm	0mm	1999cc			12.7:1			827XS-3				
K9288DF	82.75mm	0.05mm	2001cc	30.2mm	+8cc	12.75:1	21mm	WP013	827XS-3	CW21	✓	✓	A4.3
K9288D030	83mm	0.3mm	2012cc			12.78:1			830XS-3				
K9288D130	84mm	1.3mm	2061cc			13.1:1			840XS-3				

## MEGANE RS MK1 & MK2 2.0 16V TURBO FORGED PISTON KIT (2004-2009)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-776/874

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9475DA	82.7mm	0mm	1998cc			9:1			827XPY				
K9475DC	82.72mm	0mm	1999cc			9:1			827XPY				
K9475D030	83mm	0.3mm	2012cc	30.2mm	-11.4cc	9.06:1	21mm	WP092-SP	830XPY	CW21	✓	✓	A4.3
K9475D080	83.5mm	0.8mm	2037cc			9.16:1			835XPY				
K9475D130	84mm	1.3mm	2061cc			9.25:1			840XPY				

## CLIO SPORT 1.6 16V HIGH COMP FORGED PISTON KIT (1998>)

\* BORE: 79.5MM \* STROKE: 80.5MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 128MM  
ENGINE CODE: K4M

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9211DA	79.5mm	0mm	1598cc			12.7:1			795XDS-3				
K9211D050	80mm	0.5mm	1618cc	31.7mm	+7.1cc	12.84:1	18mm	WP054-SP	800XDS-3	CW18	✓	✓	A4.1

## R11 & R5 GT-TURBO 1.4 8V FORGED PISTON KIT (1983-1990)

\* BORE: 76MM \* STROKE: 77MM \* COMP RATIO: 7.9:1 \* ROD LENGTH 128MM  
ENGINE CODE: C1J

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9186DA	76mm	0mm	1397cc			8:1			760XPZ				
K9186D060	76.6mm	0.6mm	1419cc			8.11:1			766XPZ				
K9186D100	77mm	1mm	1434cc	37.5mm	+1.8cc	8.19:1	20mm	WP052-SP	770XPZ	CW20	✓	✓	A4.2
K9186D200	78mm	2mm	1471cc			8.37:1			780XPZ				

# RENAULT

## R5 ALPINE TURBO 1.4 8V LOW COMP FORGED PISTON KIT (1981-1985)

\* BORE: 76MM \* STROKE: 77MM \* COMP RATIO: 8.6:1 \* ROD LENGTH 128MM  
ENGINE CODE: C6J726

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9040DA	76mm	0mm	1397cc			7.5:1			760XPZ				
K9040D100	77mm	1mm	1434cc	36.1mm	+10.1cc	7.67:1	20mm	WP061-SP	770XPZ	CW20	✓	-	A4.2
K9040D200	78mm	2mm	1471cc			7.85:1			780XPZ				

## R5 TURBO 1&2 1.4 8V TURBO FORGED PISTON KIT (1977-1981)

\* BORE: 76MM \* STROKE: 77MM \* COMP RATIO: 7.0:1 \* ROD LENGTH 128MM  
ENGINE CODE: 8400

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9116DA	76mm	0mm	1397cc			7:1			760XPZ				
K9116D100	77mm	1mm	1434cc	35.6mm	+6cc	7.16:1	20mm	WP052-SP	770XPZ	CW20	-	-	A4.2
K9116D200	78mm	2mm	1471cc			7.32:1			780XPZ				

## R5 ALPINE 1.4 8V HIGH COMP FORGED PISTON KIT (1977-1985)

\* BORE: 76MM \* STROKE: 77MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 128MM  
ENGINE CODE: 840-25

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9117DA	76mm	0mm	1397cc			11:1			760XDS-3				
K9117D060	76.6mm	0.6mm	1419cc			11.15:1			766XPZ				
K9117D100	77mm	1mm	1434cc	37.8mm	+6.6cc	11.26:1	20mm	WP052-SP	770XDS-3	CW20	-	-	A4.3
K9117D400	80mm	4mm	1548cc			12.08:1			800XDS-3				

## ALPINE & GORDINI 1.3 8V HIGH COMP FORGED PISTON KIT (1968-1977)

\* BORE: 74.5MM \* STROKE: 72MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 133MM  
ENGINE CODE: 812-00

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9118D050	75mm	0.5mm	1272cc			12.65:1			750XDS-3				
K9118D120	75.7mm	1.2mm	1296cc	35mm	+13.1cc	12.87:1	20mm	WP038-SP	760XDS-3-DSF	CW20	-	-	A4.3

# RENAULT

## ALPINE & GORDINI 1.6 8V HIGH COMP FORGED PISTON KIT (1970-1974)

\* BORE: 77MM \* STROKE: 84MM \* COMP RATIO: 10.25:1 \* ROD LENGTH 136.5MM  
ENGINE CODE: 807-12 / -G / 803-32

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9185D080	77.8mm	0.8mm	1597cc	39mm	+23.1cc	11.71:1	21mm	WP051-SP	778XDS-3	CW21	-	-	A4.2
K9185D100	78mm	1mm	1605cc			11.77:1			780XDS-3				
K9185D200	79mm	2mm	1646cc			12.05:1			790XDS-3				
K9185D300	80mm	3mm	1688cc			12.33:1			800XDS-3				

## R21 2.0 16V TURBO INC QUADRA FORGED PISTON KIT (1987-1990)

\* BORE: 88MM \* STROKE: 82MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 137MM  
ENGINE CODE: J7R752

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9090DA	88mm	0mm	1994cc	40.5mm	-3cc	8:1	24mm	WP022-SP	880XPY	CW24	-	-	A4.3
K9090D050	88.5mm	0.5mm	2017cc			8.08:1			885XPY				

## R18 TURBO FORMULA RENAULT FORGED PISTON KIT (1978-1989)

\* BORE: 75.8MM \* STROKE: 78MM \* COMP RATIO: 8.6:1 \* ROD LENGTH 137MM  
ENGINE CODE: 807 (A5L)

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1260DA	77mm	1.2mm	1452cc	41mm	-0.5cc	8.6:1	21mm	WP034-SP	770XPZ-3	CW21	-	-	A4.3

## ALPINE & GORDINI 1.3 8V HIGH COMP FORGED PISTON KIT (1965-1972)

\* BORE: 74.5MM \* STROKE: 72MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 133MM  
ENGINE CODE: 812-00

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1495D120	75.7mm	1.2mm	1296cc	35mm	+13.6cc	12.5:1	20mm	WP038-SP	760XSY-3	CW20	-	-	A4.3

## CLIO SPORT 172 & 182 2.0 16V HIGH COMP LONG ROD FORGED PISTON KIT (2000-2006)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 150MM  
ENGINE CODE: F4R-730

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1550DA	82.7mm	0mm	1998cc	24.2mm	+8.1cc	12.8:1	19mm	WP071-SP	827XSY-3	CW19	-	-	A4.55
K1550D030	83mm	0.3mm	2012cc						830XSY-3-UF				

# RENAULT

## MEGANE & CLIO WILLIAMS 2.0 16V SUPER CAR HIGH COMP LONG ROD FORGED PISTON KIT (1994-2003)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1570DD	82.73mm	0.04mm	1998cc	24.7mm	+10.5cc	12.7:1	19mm	WP028-SP	827XSY-UF	CW19	-	✓	A4.55
K1570D030	83mm	0.3mm	2012cc				19mm		830XSY-UF				

## CLIO SPORT 197 & 2000 2.0 16V HIGH COMP LONG ROD FORGED PISTON KIT (2006>)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 150MM  
ENGINE CODE: F4R-830-RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1580DA	82.7mm	0mm	1998cc	24.2mm	+7.45cc	12.8:1	19mm	WP071-SP	827XSY-3	CW19	✓	✓	A4.4
K1580D030	83mm	0.3mm	2012cc				19mm		830XSY-3-UF				

## CLIO SPORT 197 & 2000 2.0 16V FAST ROAD COMP FORGED PISTON KIT (2006>)

\* BORE: 82.7MM \* STROKE: 93MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: F4R-830-RS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1600DA	82.7mm	0mm	1998cc	30.45mm	+4.0cc	11.9:1	21mm	WP013-SP	827XSY-3	CW21	✓	✓	A4.4

## CLIO SPORT 197 & 2000 2.0 16V MAXI COMP FORGED PISTON KIT (2006>) (WITH F7 CRANKSHAFT)

\* BORE: 82.7MM \* STROKE: 90MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 150.3MM  
ENGINE CODE: F4R-830-RS-MAXI

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1725D130	84mm	1.3mm	2061cc	26mm	+7.45cc	12.8:1	18mm	WP072-SP	840XDS-3-3	CW18	-	-	A4.3

## R14 1.2 8V FORGED PISTON KIT

\* BORE: 75MM \* STROKE: 69MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 126.8MM  
ENGINE CODE: XZ7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1727D240	77.4mm	2.4mm	1298cc	26.4mm	+11.80cc	11.8:1	18mm	WP031-SP	775XDS-3-3	CW18	-	-	A4.55

## CLIO 1.4LTR 16V SUPER CAR HIGH COMP FORGED PISTON KIT (1998>)

\* BORE: 79.5MM \* STROKE: 70MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 137MM  
ENGINE CODE: K4J

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1744DA	79.5mm	0mm	1389cc	28mm	+12.80cc	12.6:1	18mm	WP031-SP	795XDS-3-3	CW18	-	-	A4.3





**MG ROVER**

**1.4 16V K-SERIES HIGH COMP FORGED PISTON KIT (1991-1998)**

\* BORE: 75MM \* STROKE: 79MM \* COMP RATIO: 10.3:1 \* ROD LENGTH 139.4MM  
ENGINE CODE: 14K4F

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9221DA	75mm	0mm	1396cc	22.5mm	+10.7cc	12.5:1	18mm	WP031-SP	750XDS-3	CW18	-	-	A4.2

**1.8 16V K-SERIES HIGH COMP FORGED PISTON KIT (1999-2000)**

\* BORE: 80MM \* STROKE: 89.3MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 133.1MM  
ENGINE CODE: 18K4F

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9222DA	80mm	0mm	1795cc			12:1			800XDS-3				
K9222D050	80.5mm	0.5mm	1818cc	23.8mm	+1.2cc	12.13:1	18mm	WP099-SP	805XDS-3	CW18	-	-	A4.3
K9222D100	81mm	1mm	1840cc			12.27:1			810XSY-3				

**T16 2.0 16V TURBO FORGED PISTON KIT (1992-1999)**

\* BORE: 84.5MM \* STROKE: 89MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 160MM  
ENGINE CODE: T16

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9231DA	84.5mm	0mm	1996cc			8:1			845XPY				
K9231D050	85mm	0.5mm	2020cc	31.3mm	-13.5cc	8.08:1	21mm	WP092-SP	850XPY	CW21	-	-	A4.3
K9231D100	85.5mm	1mm	2043cc			8.17:1			855XPY				
K9231D150	86mm	1.5mm	2067cc			8.25:1			860XPY				



**SAAB**



**9-5 2.3 16V TURBO FORGED PISTON KIT (1997-2009)**

\* BORE: 90MM \* STROKE: 90MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 153MM  
ENGINE CODE: B235E

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9119DA	90mm	0mm	2290cc			9.25:1			900XPY				
K9119D050	90.5mm	0.5mm	2315cc	32.9mm	-10.5cc	9.34:1	24mm	WP137-SP	905XPY	CW24	✓	-	A4.3
K9119D100	91mm	1mm	2341cc			9.43:1			910XPY				

**900, 9-3 & 9-5 2.0 16V TURBO FORGED PISTON KIT (2000-2003)**

\* BORE: 90MM \* STROKE: 78MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 159MM  
ENGINE CODE: B205E,F

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9120DA	90mm	0mm	1984cc			9.25:1			900XPY				
K9120D050	90.5mm	0.5mm	2006cc	32.2mm	-0.46cc	9.34:1	24mm	WP137-SP	905XPY	CW24	-	-	A4.3
K9120D100	91mm	1mm	2029cc			9.43:1			910XPY				

**9000 2.3 16V TURBO LOW COMP FORGED PISTON KIT (1993-1998)**

\* BORE: 90MM \* STROKE: 90MM \* COMP RATIO: 10:1 \* ROD LENGTH 147MM  
ENGINE CODE: B234E,L,R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9214DA	90mm	0mm	2290cc			8.5:1			900XPY				
K9214D050	90.5mm	0.5mm	2315cc	40.3mm	-24.8cc	8.58:1	24mm	WP137-SP	905XPY	CW24	✓	-	A4.3
K9214D100	91mm	1mm	2341cc			8.67:1			910XPY				

**9-3 2.0 16V TURBO FORGED PISTON KIT (2002-2015)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 145.5MM  
ENGINE CODE: B207R

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9516DA	86mm	0mm	1998cc			9.2:1			860XPY				
K9516D050	86.5mm	0.5mm	2021cc	31.5mm	-5.2cc	9.2:1	23mm	WP082-SP	865XPY	CW23	✓	-	A4.5



## SIMCA-TALBOT

### SIMCA 1000 RALLY 1, 2 & 3 FORGED PISTON KIT (1972-1978)

\* BORE: 76.6MM \* STROKE: 70MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 114MM  
ENGINE CODE: 1G1 / 1G4

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9514D300	79.7mm	3mm	1296cc	28mm	-3.35cc	11.7:1	20mm	WP038-SP	797XDS-3	CW20	-	-	A4.3

### SIMCA 1000 RALLY 1, 2 & 3 FORGED PISTON KIT (1972-1978)

\* BORE: 80MM \* STROKE: 70MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 114MM  
ENGINE CODE: 6J4 / XJ2

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9515D020	80.8mm	0.2mm	1598cc	38.5mm	-7cc	11.2:1	20mm	WP038-SP	810XTT	CW20	-	-	A4.3

### SIMCA 1000 1.3LTR 8V SPEZIAL, RALLY 1, 2 & 3 FORGED PISTON KIT

\* BORE: 76.6MM \* STROKE: 70MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 114MM  
ENGINE CODE: 1G1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1699D010	76.70mm	0.1mm	1293cc	38mm	-3.20cc	11.2:1	20mm	WP038-SP	770XTT-3	CW20	-	-	A4.4
K1699D310	79.70mm	3.1mm	1396cc					WP038-SP	797XDS-3-3				

### SIMCA 1000 1.3LTR 8V SPEZIAL, RALLY 1, 2 & 3 FORGED PISTON KIT

\* BORE: 76.6MM \* STROKE: 65MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 124MM  
ENGINE CODE: 1G1

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1276D300	79.70mm	3mm	1297cc	30mm	-3.40cc	11.2:1	20mm	WP038-SP	797XDS-3-3	CW20	-	-	A4.3

### SAMBA 1.2LTR 8V RALLY FORGED PISTON KIT

\* BORE: 75.4MM \* STROKE: 69MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 126.8MM  
ENGINE CODE: XZ7R

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1727D240	77.40mm	2.4mm	1298cc	26.40mm	+11.80cc	11.8:1	18mm	WP031-SP	775XDS-3-3	CW18	-	-	A4.55



## SUBARU



### IMPREZA WRX STI VER 1-4 LOW COMP FORGED PISTON KIT (1992-1998)

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ20

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9129DA	92mm	0mm	1994cc	33.4mm	-16.8cc	8:1	23mm	WP143-SP	920XPY	CA23	✓	✓	A4.3
K9129D050	92.5mm	0.5mm	2016cc			8.08:1			925XPY				
K9129D100	93mm	1mm	2037cc			8.15:1			930XPY				

### IMPREZA WRX STI VER 1-4 9:1 FORGED PISTON KIT (1992-1998)

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ20

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9432DA	92mm	0mm	1994cc	33.4mm	-8.7cc	9:1	23mm	WP143-SP	920XPY	CA23	✓	✓	A4.3
K9432D050	92.5mm	0.5mm	2016cc			9.09:1			925XPY				
K9432D100	93mm	1mm	2037cc			9.17:1			930XPY				

### IMPREZA WRX STI VER 5-6 LOW COMP FORGED PISTON KIT (1998-2000)

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ20/EJ205

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9130DA	92mm	0mm	1994cc	32.7mm	-8.7cc	8:1	23mm	WP143-SP	920XPY	CA23	✓	✓	A4.3
K9130D050	92.5mm	0.5mm	2016cc			8.08:1			925XPY				
K9130D100	93mm	1mm	2037cc			8.15:1			930XPY				

### IMPREZA WRX STI VER 5-6 9:1 FORGED PISTON KIT (1998-2000)

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 9.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ20/EJ205

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9403DA	92mm	0mm	1994cc	32.7mm	+0.3cc	9:1	23mm	WP143-SP	920XPY	CA23	✓	✓	A4.3
K9403D050	92.5mm	0.5mm	2016cc			9.09:1			925XPY				
K9403D100	93mm	1mm	2037cc			9.17:1			930XPY				



**SUBARU**

**IMPREZA WRX STI VER 7-8 9:1 FORGED PISTON KIT (2000-2003)**

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 8.1:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ205

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9050DA	92mm	0mm	1994cc			9:1			920XPY				
K9050D050	92.5mm	0.5mm	2016cc	31.4mm	+0.2cc	9.09:1	23mm	WP094-SP	925XPY	CA23	✓	✓	A4.3
K9050D100	93mm	1mm	2037cc			9.17:1			930XPY				

**IMPREZA WRX STI VER 9 FORGED PISTON KIT (2004-2008)**

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ205

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9223DA	92mm	0mm	1994cc			8:1			920XPY				
K9223D050	92.5mm	0.5mm	2016cc	31.5mm	-6.4cc	8.08:1	23mm	WP143-SP	925XPY	CA23	✓	✓	A4.3
K9223D100	93mm	1mm	2037cc			8.15:1			930XPY				

**IMPREZA WRX STI VER 9 9:1 FORGED PISTON KIT (2004-2008)**

\* BORE: 92MM \* STROKE: 75MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ205

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9457DA	92mm	0mm	1994cc			9:1			920XPY				
K9457D050	92.5mm	0.5mm	2016cc	31.5mm	+2.5cc	9.09:1	23mm	WP094-SP	925XPY	CA23	✓	✓	A4.3
K9457D100	93mm	1mm	2037cc			9.17:1			930XPY				

**IMPREZA WRX STI 2.5 16V FORGED PISTON KIT (2004-2008)**

\* BORE: 99.5MM \* STROKE: 79MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ257

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9467DA	99.5mm	0mm	2457cc			8:1			995XPY				
K9467D025	99.75mm	0.25mm	2469cc	30.7mm	-25.3cc	8:1	23mm	WP024-SP	997XPY	CA23	✓	✓	A4.3
K9467D050	100mm	0.5mm	2481cc			8.07:1			1000XPY				
K9467D100	100.5mm	1mm	2506cc			8.14:1			1005XPY				



**SUBARU**



**IMPREZA WRX STI 2.5 16V 9:1 FORGED PISTON KIT (2004-2008)**

\* BORE: 99.5MM \* STROKE: 79MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ257

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9131DA	99.5mm	0mm	2457cc			9:1			995XPY				
K9131D025	99.75	0.25mm	2469cc	30.7mm	-14.3cc	9.04:1	23mm	WP024-SP	997XPY	CA23	✓	✓	A4.3
K9131D050	100mm	0.5mm	2481cc			9.08:1			1000XPY				
K9131D100	100.5mm	1mm	2506cc			9.16:1			1005XPY				

**IMPREZA WRX STI 2.1 16V STROKER FORGED PISTON KIT (2.5 CRANK INTO 2.0 ENGINE)**

\* BORE: 92MM \* STROKE: 79MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 130.5MM  
ENGINE CODE: EJ20



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9538D050	92.5mm	0.5mm	2123cc			8.5:1	23mm	WP143-SP	925XPY	CA23	✓	✓	A4.3
K9538D100	93mm	1mm	2146cc	31mm	+16cc	8.5:1			930XPY				

**BRZ TURBO RACE COMP FORGED PISTON KIT (2012>)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 12.5:1 \* ROD LENGTH 129.3MM  
ENGINE CODE: FA20

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9485DA	86mm	0mm	1998cc			10.5:1	22mm	WP017-SP	860XPY	CW22	-	✓	A4.6
K9485D025	86.25mm	0.25mm	2009cc	32.8mm	-8.6cc	10.5:1			862XPY				

**BRZ TURBO LOW COMP FORGED PISTON KIT (2012>)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 12.5:1 \* ROD LENGTH 129.3MM  
ENGINE CODE: FA20



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9502DA	86mm	0mm	1998cc			9.5:1	22mm	WP136-SP	860XPY	CW22	-	✓	A4.6
K9502D050	86.5mm	0.5mm	2021cc	32.8mm	-14.8cc	9.5:1			862XPY				



**TOYOTA**

**MR2 & COROLLA AE86 1.6 16V HIGH COMP FORGED PISTON KIT (1988-1992)**

\* BORE: 81MM \* STROKE: 77MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 122MM  
ENGINE CODE: 4AGE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9035DA	81mm	0mm	1587cc			11.8:1			810XSY-3				
K9035D050	81.5mm	0.5mm	1606cc	30.6mm	+4.9cc	11.93:1	20mm	WP029-SP	815XSY-3	CW20	-	✓	A4.2
K9035D100	82mm	1mm	1626cc			12.06:1			820XSY-3				

**SUPRA & SOARER 7MGTE RACE COMP FORGED PISTON KIT (1986-1992)**

\* BORE: 83MM \* STROKE: 91MM \* COMP RATIO: 8.4:1 \* ROD LENGTH 152MM  
ENGINE CODE: 7MGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9056DA	83mm	0mm	2954cc			9:1			830XPY				
K9056D050	83.5mm	0.5mm	2989cc	33mm	-15.5cc	9.1:1	22mm	WP046-SP	835XPY	CW22	-	✓	A6.1
K9056D100	84mm	1mm	3025cc			9.2:1			840XPY				

**SUPRA & ARISTO 2JZGTE 9:1 FORGED PISTON KIT (1993-1998)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.3:1 \* ROD LENGTH 142MM  
ENGINE CODE: 2JZGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9057DA	86mm	0mm	2997cc			9:1			860XPY				
K9057D050	86.5mm	0.5mm	3032cc	34mm	-10.5cc	9.08:1	22mm	WP046-SP	865XPY	CW22	-	✓	A6.1
K9057D100	87mm	1mm	3067cc			9.16:1			870XPY				

**SUPRA, CHASER & SOARER 1JZGTE TURBO LOW COMP FORGED PISTON KIT (1990-2007)**

\* BORE: 86MM \* STROKE: 71.5MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 125.25MM  
ENGINE CODE: 1JZGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9291D050	86.5mm	0.5mm	2521cc			7.93:1			865XPY				
K9291D100	87mm	1mm	2550cc	34mm	-9.8cc	8.01:1	22mm	WP046-SP	870XPY	CW22	-	✓	A6.1



**TOYOTA**



**MR2 & CELICA 2.0 16V HIGH COMP FORGED PISTON KIT (1989-1995)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 138MM  
ENGINE CODE: 3SGE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9179DA	86mm	0mm	1998cc			12.4:1			860XSY-3				
K9179D050	86.5mm	0.5mm	2021cc	35mm	+10.4cc	12.53:1	22mm	WP017-SP	865XSY-3	CW22	✓	✓	A4.3
K9179D100	87mm	1mm	2044cc			12.66:1			870XSY-3				

**MR2 & CELICA 2.0 16V TURBO FORGED PISTON KIT (1989-1995)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 138MM  
ENGINE CODE: 3SGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9055DA	86mm	0mm	1998cc						860XPY				
K9055D025	86.25mm	0.25mm	2009cc						862XPY				
K9055D050	86.5mm	0.5mm	2021cc	35mm	-11cc	8.5:1	22mm	WP046-SP	865XPY	CW22	✓	✓	A4.3
K9055D100	87mm	1mm	2044cc						870XPY				

**MR2 & CELICA 2.0 16V TURBO 9:1 COMP FORGED PISTON KIT (1989-1995)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 138MM  
ENGINE CODE: 3SGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9433DA	86mm	0mm	1998cc						860XPY				
K9433D050	86.5mm	0.5mm	2021cc	35mm	-6.5cc	9:1	22mm	WP017-SP	862XPY	CW22	✓	✓	A4.3
K9433D100	87mm	1mm	2044cc						865XPY				

**MR2 & CELICA 2.0 16V TURBO LOW COMP FORGED PISTON KIT (1989-1995)**

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 138MM  
ENGINE CODE: 3SGTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9036DA	86mm	0mm	1998cc						860XPY				
K9036D050	86.5mm	0.5mm	2021cc	35mm	-15.5cc	8.0:1	22mm	WP017-SP	862XPY	CW22	✓	✓	A4.3
K9036D100	87mm	1mm	2044cc						865XPY				

**STARLET & GLANZA GT TURBO 1.3 16V LOW COMP FORGED PISTON KIT (1996-1999)**

\* BORE: 74MM \* STROKE: 77.4MM \* COMP RATIO: 8.2:1 \* ROD LENGTH 118MM  
ENGINE CODE: 4E-FTE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9072DA	74mm	0mm	1331cc			7.56:1			740XPZ				
K9072D050	74.5mm	0.5mm	1349cc	30mm	-6.2cc	7.65:1	18mm	WP142-SP	745XPZ	CW18	✓	-	A4.1
K9072D100	75mm	1mm	1367cc			7.74:1			750XPZ				

## TOYOTA

### STARLET & GLANZA GT TURBO 1.3 16V FORGED PISTON KIT (1996-1999)

\* BORE: 74MM \* STROKE: 77.4MM \* COMP RATIO: 8.2:1 \* ROD LENGTH 118MM  
ENGINE CODE: 4E-FTE

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9533DA	74mm	0mm	1331cc			8.27:1			740XPZ				
K9533D050	74.5mm	0.5mm	1349cc	30mm	-1.37cc	8.37:1	18mm	WP142-SP	745XPZ	CW18	✓	-	A4.1
K9533D100	75mm	1mm	1367cc			8.46:1			750XPZ				

### GT86 TURBO RACE COMP FORGED PISTON KIT (2012>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 12.5:1 \* ROD LENGTH 129.3MM  
ENGINE CODE: FA20

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9485DA	86mm	0mm	1998cc						860XPY				
K9485D025	86.25mm	0.25mm	2009cc	32.8mm	-8.6cc	10.5:1	22mm	WP017-SP	862XPY	CW22	-	✓	A4.6

### GT86 TURBO LOW COMP FORGED PISTON KIT (2012>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 12.5:1 \* ROD LENGTH 129.3MM  
ENGINE CODE: FA20

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9502DA	86mm	0mm	1998cc						860XPY				
K9502D050	86.5mm	0.5mm	2021cc	32.8mm	-14.8cc	9.5:1	22mm	WP136-SP	862XPY	CW22	-	✓	A4.6

### NEW SUPRA 4CYL TURBO FORGED PISTON KIT (2019>)

\* BORE: 82MM \* STROKE: 94.6MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 148.2MM  
ENGINE CODE: B48

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9546DA-4	82mm	0mm	1998cc						820XPY				
K9546D050-4	82.5mm	0.5mm	2022cc	33.2mm	-8.47cc	11.0:1	22mm	WP136-SP	825XPY	CW22	✓	-	A4.3

### NEW SUPRA 6CYL TURBO FORGED PISTON KIT (2019>)

\* BORE: 82MM \* STROKE: 94.6MM \* COMP RATIO: 11.0:1 \* ROD LENGTH 148.2MM  
ENGINE CODE: B58

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9546DA-6	82mm	0mm	2997cc						820XPY				
K9546D050-6	82.5mm	0.5mm	3034cc	33.2mm	-8.47cc	11.0:1	22mm	WP136-SP	825XPY	CW22	✓	✓	A6.03

## OPEL / VAUXHALL



### C20XE 2.0 16V HIGH COMP 2 RING FORGED PISTON KIT (1985-1998)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 143MM  
ENGINE CODE: C20XE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9005DA	86mm	0mm	1998cc			12.5:1			860XSY-3				
K9005D050	86.5mm	0.5mm	2021cc			12.63:1			865XSY-3				
K9005D100	87mm	1mm	2044cc	30.5mm	+2.33cc	12.76:1	21mm	WP051-SP	870XSY-3	CW21	✓	-	A4.3
K9005D150	87.5mm	1.5mm	2068cc			12.9:1			875XSY-3				
K9005D200	88mm	2mm	2092cc			13.04:1			880XSY-3				

### C20XE 2.0 16V HIGH COMP 3 RING FORGED PISTON KIT (1985-1998)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 143MM  
ENGINE CODE: C20XE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9259DA	86mm	0mm	1998cc			12.5:1			860XSY-3				
K9259D050	86.5mm	0.5mm	2021cc			12.63:1			865XSY-3				
K9259D100	87mm	1mm	2044cc	30.5mm	+2.33cc	12.76:1	21mm	WP051-SP	870XSY-3	CW21	✓	-	A4.3
K9259D150	87.5mm	1.5mm	2068cc			12.9:1			875XSY-3				
K9259D200	88mm	2mm	2092cc			13.04:1			880XSY-3				

### C20XE 2.0 16V HIGH COMP 2 RING LONG ROD FORGED PISTON KIT (1985-1998)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 151.3MM  
ENGINE CODE: C20XE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9391D200	88mm	2mm	2092cc	22mm	+0.3cc	12.5:1	18mm	WP053-SP	880XDS-3	CW18	✓	-	A4.5

### C20XE 2.0 16V FLAT TOP FORGED PISTON KIT (1985-1998)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 148MM  
ENGINE CODE: C20XE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9396D150	87.5mm	1.5mm	2068cc	30.5mm	-5.3cc	11:1	21mm	WP051-SP	875XSY-3	CW21	✓	-	A4.5



## OPEL / VAUXHALL

### X16XE & C16XE 1.6 16V HIGH COMP FORGED PISTON KIT (1994-2000)

\* BORE: 79MM \* STROKE: 81.5MM \* COMP RATIO: 10.5:1 \* ROD LENGTH MM  
ENGINE CODE: X16XE & C16XE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9141DA	79mm	0mm	1597cc	28.2mm	+3.45cc	11.5:1	18mm	WP053-SP	790XDS-3	CW18	-	-	A4.2
K9141D100	80mm	1mm	1638cc			11.76:1			800XDS-3				

### C20LET 2.0 16V TURBO FORGED PISTON KIT (1991-1997)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 143MM  
ENGINE CODE: C20LET

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9092DA	86mm	0mm	1998cc	30.5mm	-18.4cc	8.5:1	21mm	WP092-SP	860XPY	CW21	✓	-	A4.3
K9092D050	86.5mm	0.5mm	2021cc			8.59:1			865XPY				
K9092D100	87mm	1mm	2044cc			8.68:1			870XPY				
K9092D150	87.5mm	1.5mm	2068cc			8.76:1			875XPY				

### Z20LET & Z20LEH 2.0 16V TURBO FORGED PISTON KIT (2000-2005)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 8.8:1 \* ROD LENGTH 143MM  
ENGINE CODE: Z20LET & Z20LEH

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9410DA	86mm	0mm	1998cc	30.4mm	-20.5cc	8.8:1	21mm	WP092-SP	860XPY	CW21	✓	-	A4.3
K9410D050	86.5mm	0.5mm	2021cc			8.89:1			865XPY				
K9410D100	87mm	1mm	2044cc			8.98:1			870XPY				

### Z16LEH & Z16LER 1.6 16V TURBO FORGED PISTON KIT (2007>)

\* BORE: 79MM \* STROKE: 81.5MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 129.75MM  
ENGINE CODE: Z16LER

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9466DA	79mm	0mm	1597cc	28mm	-3.5cc	8.5:1	19mm	WP138-SP	790XPZ	CW19	✓	-	A4.3
K9466D050	79.5mm	0.5mm	1618cc			8.6:1			795XPZ				
K9466D100	80mm	1mm	1638cc			8.69:1			800XPZ				

### Z16LEH & Z16LER 1.6 16V TURBO RACE COMP FORGED PISTON KIT (2007>)

\* BORE: 79MM \* STROKE: 81.5MM \* COMP RATIO: 8.5:1 \* ROD LENGTH 129.75MM  
ENGINE CODE: Z16LER

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9491DA	79mm	0mm	1597cc	28.43mm	+0.28cc	8.9:1	19mm	WP037-SP	790XPZ	CW19	✓	-	A4.3
K9491D050	79.5mm	0.5mm	1618cc						795XPZ				

**NEW**



## OPEL / VAUXHALL

### ASTRA J GTC / VXR 2.0 16V TURBO FORGED PISTON KIT (2012>)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.3:1 \* ROD LENGTH 145.5MM  
ENGINE CODE: A20NFT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9490DA	86mm	0mm	1998cc	30.9mm	+0.28cc	9.3:1	23mm	WP082-SP	860XPY	CW23	✓	-	A4.7
K9490D050	86.5mm	0.5mm	2021cc						865XPY				

### VECTRA 2.0 16V TURBO FORGED PISTON KIT (2002-2015)

\* BORE: 86MM \* STROKE: 86MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 145.5MM  
ENGINE CODE: Z20NET

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9516DA	86mm	0mm	1998cc	31.5mm	-5.2cc	9.2:1	23mm	WP082-SP	860XPY	CW23	✓	-	A4.3
K9516D050	86.5mm	0.5mm	2021cc						865XPY				

### ASCONA / MANTA 2.0 8V HIGH COMP FORGED PISTON KIT (1979-1981)

\* BORE: 95MM \* STROKE: 69.8MM \* COMP RATIO: 9.4:1 \* ROD LENGTH 128MM  
ENGINE CODE: 2.0E

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9140DA	95mm	0mm	1979cc	45mm	+10.7cc	10.5:1	22mm	WP046-SP	950XSY-3	CW22	✓	-	A4.3
K9140D050	95.5mm	0.5mm	1999cc			10.6:1			955XSY-3				
K9140D100	96mm	1mm	2020cc			10.7:1			960XSY-3				
K9140D200	97mm	2mm	2063cc			10.9:1			970XSY-3				

### ASCONA / MANTA 2.0 8V HIGH COMP LONG ROD FORGED PISTON KIT (1979-1981)

\* BORE: 95MM \* STROKE: 69.8MM \* COMP RATIO: 9.4:1 \* ROD LENGTH 134MM  
ENGINE CODE: 2.0E

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9395D050	95.5mm	0.5mm	1999cc	39mm	+12cc	10.6:1	22mm	WP046-SP	955XSY-3	CW22	-	-	A4.3
K9395D100	96mm	1mm	2020cc			10.7:1			960XSY-3				
K9395D200	97mm	2mm	2063cc			10.9:1			970XSY-3				

### ASCONA / MANTA 2.4 8V HIGH COMP FORGED PISTON KIT (1980-1981)

\* BORE: 95MM \* STROKE: 85MM \* COMP RATIO: 9.2:1 \* ROD LENGTH 134MM  
ENGINE CODE: C2.4NE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9006D100	96mm	1mm	2461cc	31.5mm	+3.77cc	12:1	22mm	WP017-SP	960XSY-3	CW22	-	-	A4.3
K9006D150	96.5mm	1.5mm	2486cc			12.11:1			965XSY-3				
K9006D200	97mm	2mm	2512cc			12.23:1			970XSY-3				



**VW GROUP, AUDI, SEAT, SKODA & VW**

**GOLF GTI MK1 1.6 8V HIGH COMP FORGED PISTON KIT (1976-1982)**

\* BORE: 79.5MM \* STROKE: 80MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: EG

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9180DA	79.5mm	0mm	1588cc			11.6:1			795XDS-3				
K9180D025	79.75mm	0.25mm	1598cc			11.66:1			797XDS-3				
K9180D050	80mm	0.5mm	1608cc	40.7mm	-10.4cc	11.73:1	22mm	WP017-SP	800XDS-3	CW22	✓	-	A4.3
K9180D100	80.5mm	1mm	1628cc			11.86:1			805XDS-3				
K9180D150	81mm	1.5mm	1648cc			12:1			810XSY-3				

**GOLF GTI MK1 1.6 8V FORGED PISTON KIT (1976-1982)**

\* BORE: 79.5MM \* STROKE: 80MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: EG



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9492D050	80mm	0.5mm	1608cc						800XDS-3				
K9492D100	80.5mm	1mm	1628cc	40.4mm	-17.6cc	9.6:1	22mm	WP017-SP	805XDS-3	CW22	✓	-	A4.3
K9492D150	81mm	1.5mm	1648cc						810XDS-3				

**GOLF GTI MK1 & MK2 1.8 8V HIGH COMP FORGED PISTON KIT (1982-1989)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 10:1 \* ROD LENGTH 144MM  
ENGINE CODE: 1P/ 2H/ ABS/ ADZ/ GU/ GX/ HV/ JV/ DS/ DX/ DZ/ EV/ GZ/ KT/ HAT/ JH/ PB

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9028DA	81mm	0mm	1780cc			11.3:1			810XSY-3				
K9028D050	81.5mm	0.5mm	1802cc			11.42:1			815XSY-3				
K9028D100	82mm	1mm	1825cc	32.2mm	0cc	11.55:1	20mm	WP052-SP	820XSY-3	CW20	✓	-	A4.3
K9028D150	82.5mm	1.5mm	1847cc			11.68:1			825XSY-3				
K9028D200	83mm	2mm	1869cc			11.81:1			830XSY-3				
K9028D250	83.5mm	2.5mm	1892cc			11.94:1			835XSY-3				



**VW GROUP, AUDI, SEAT, SKODA & VW**



**GOLF GTI MK2 1.8 16V LOW COMP FORGED PISTON KIT (1982-1989)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 10:1 \* ROD LENGTH 144MM  
ENGINE CODE: 1P/ 2H/ ABS/ ADZ/ GU/ GX/ HV/ JV/ DS/ DX/ DZ/ EV/ GZ/ KT/ HAT/ JH/ PB

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9201DA	81mm	0mm	1780cc			8:1			810XPY				
K9201D050	81.5mm	0.5mm	1802cc			8.09:1			815XPY				
K9201D100	82mm	1mm	1825cc	33.4mm	-12.3cc	8.17:1	20mm	WP061-SP	820XPY	CW20	✓	-	A4.3
K9201D150	82.5mm	1.5mm	1847cc			8.26:1			825XPY				
K9201D200	83mm	2mm	1869cc			8.35:1			830XPY				

**GOLF GTI MK2, SCIROCCO & CORRADO 1.8 16V HIGH COMP FORGED PISTON KIT (1989-1992)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 10:1 \* ROD LENGTH 144MM  
ENGINE CODE: KR / PL

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9029DA	81mm	0mm	1780cc			12.7:1			810XSY-3				
K9029D050	81.5mm	0.5mm	1802cc			12.84:1			815XSY-3				
K9029D100	82mm	1mm	1825cc	33.4mm	+11cc	12.99:1	20mm	WP052-SP	820XSY-3	CW20	✓	-	A4.3
K9029D150	82.5mm	1.5mm	1847cc			13.13:1			825XSY-3				
K9029D200	83mm	2mm	1869cc			13.28:1			830XSY-3				

**CORRADO 2.0 16V HIGH COMP FORGED PISTON KIT (1991-1995)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 144MM  
ENGINE CODE: 9A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9031DA	82.5mm	0mm	1984cc			12.7:1			810XSY-3				
K9031D020	82.7mm	0.2mm	1993cc			12.84:1			815XSY-3				
K9031D050	83mm	0.5mm	2008cc	30.2mm	+7.8cc	12.99:1	20mm	WP052-SP	820XSY-3	CW20	✓	-	A4.3
K9031D100	83.5mm	1mm	2032cc			13.13:1			825XSY-3				
K9031D150	84mm	1.5mm	2057cc										



**VW GROUP, AUDI, SEAT, SKODA & VW**

**GOLF GTI MK3 ABF 2.0 16V HIGH COMP FORGED PISTON KIT (1992-1997)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 159MM  
ENGINE CODE: ABF

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9032DA	82.5mm	0mm	1984cc			13:1			825XSY-3				
K9032D020	82.7mm	0.2mm	1993cc			13.05:1			827XSY-3				
K9032D050	83mm	0.5mm	2008cc	31.6mm	+9.8cc	13.14:1	21mm	WP034-SP	830XSY-3	CW21	✓	-	A4.3
K9032D100	83.5mm	1mm	2032cc			13.29:1			835XSY-3				
K9032D150	84mm	1.5mm	2057cc			13.44:1			840XSY-3				

**GOLF GTI MK3 2E 2.0 8V HIGH COMP FORGED PISTON KIT (1991-1999)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 159MM  
ENGINE CODE: ABF

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9054DA	82.5mm	0mm	1984cc			12.3:1			825XSY-3				
K9054D020	82.7mm	0.2mm	1993cc			12.35:1			827XSY-3				
K9054D050	83mm	0.5mm	2008cc	30.9mm	+6.6cc	12.43:1	21mm	WP034-SP	830XSY-3	CW21	✓	-	A4.3
K9054D100	83.5mm	1mm	2032cc			12.57:1			835XSY-3				
K9054D150	84mm	1.5mm	2057cc			12.71:1			840XSY-3				

**GOLF GTI MK3 ABF 2.0 16V FAST ROAD COMP FORGED PISTON KIT (1992-1997)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.4:1 \* ROD LENGTH 159MM  
ENGINE CODE: ABF

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9204DA	82.5mm	0mm	1984cc			9:1			825XPY				
K9204D050	83mm	0.5mm	2008cc	31.6mm	-10.6cc	9.1:1	21mm	WP092-SP	830XPY	CW21	✓	-	A4.3
K9204D100	83.5mm	1mm	2032cc			9.2:1			835XPY				

**CORRADO 2.0 16V 9A LOW COMP FORGED PISTON KIT (1991-1995)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 144MM  
ENGINE CODE: 9A

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9205DA	82.5mm	0mm	1984cc			8:1			825XPY				
K9205D050	83mm	0.5mm	2008cc	30.2mm	-20cc	8.09:1	20mm	WP061-SP	830XPY	CW20	✓	-	A4.3
K9205D100	83.5mm	1mm	2032cc			8.17:1			835XPY				



**VW GROUP, AUDI, SEAT, SKODA & VW**



**CORRADO & GOLF G60 / RALLYE 1.8 SUPER CHARGED FORGED PISTON KIT (1988-1993)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 136MM  
ENGINE CODE: PG

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9106DA	81mm	0mm	1780cc			8:1			810XPY				
K9106D050	81.5mm	0.5mm	1802cc			8.09:1			815XPY				
K9106D100	82mm	1mm	1825cc	39.5mm	-16.1cc	8.17:1	22mm	WP046-SP	820XPY	CW22	✓	-	A4.3
K9106D150	82.5mm	1.5mm	1847cc			8.26:1			825XPY				
K9106D200	83mm	2mm	1869cc			8.35:1			830XPY				

**POLO G40 1.4 SUPER CHARGED FORGED PISTON KIT (1987-1994)**

\* BORE: 81MM \* STROKE: 72MM \* COMP RATIO: 8.0:1 \* ROD LENGTH 122MM  
ENGINE CODE: PY

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9096DA	75mm	0mm	1272cc			8:1			750XPZ				
K9096D050	75.5mm	0.5mm	1289cc			8.09:1			755XPZ				
K9096D100	76mm	1mm	1306cc	40mm	0cc	8.19:1	20mm	WP052-SP	760XPZ	CW20	✓	-	A4.3
K9096D150	76.5mm	1.5mm	1323cc			8.28:1			765XPZ				
K9096D200	77mm	2mm	1341cc			8.38:1			770XPZ				

**AUDI TT & GOLF GTI MK4 2.0 20V TURBO FORGED PISTON KIT (1996-2000)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 8.9:1 \* ROD LENGTH 144MM  
ENGINE CODE: AGU / BAM

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9075DA	81mm	0mm	1780cc			8.5:1			810XPY				
K9075D050	81.5mm	0.5mm	1802cc			8.59:1			815XPY				
K9075D100	82mm	1mm	1825cc	32.7mm	-9.7cc	8.69:1	20mm	WP061-SP	820XPY	CW20	✓	-	A4.3
K9075D150	82.5mm	1.5mm	1847cc			8.78:1			825XPY				





**VW GROUP, AUDI, SEAT, SKODA & VW**

**AUDI TT & GOLF GTI MK4 2.0 20V TURBO RACE COMP FORGED PISTON KIT (1996-2000)**

\* BORE: 81MM \* STROKE: 86.4MM \* COMP RATIO: 8.9:1 \* ROD LENGTH 144MM  
ENGINE CODE: AGU / BAM

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9271DA	81mm	0mm	1780cc	32.7mm	-2.7cc	9.5:1	20mm	WP061-SP	810XPY	CW20	✓	-	A4.3
K9271D050	81.5mm	0.5mm	1802cc			9.61:1			815XPY				
K9271D100	82mm	1mm	1825cc			9.71:1			820XPY				
K9271D150	82.5mm	1.5mm	1847cc			9.82:1			825XPY				

**1.8 TO 2.0 20V TURBO HIGH COMP STROKER FORGED PISTON KIT (1996-2000)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 8.9:1 \* ROD LENGTH 144MM  
ENGINE CODE: AEB,AGN,ALT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9270DA	82.5mm	0mm	1984cc	29.5mm	+7.5cc	12.3:1	20mm	WP052-SP	825XSY-3	CW20	✓	-	A4.3
K9270D020	82.7mm	0.2mm	1993cc			12.35:1			827XSY-3				

**1.8 TO 2.0 20V TURBO 9:1 STROKER FORGED PISTON KIT (1995-2008)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 8.9:1 \* ROD LENGTH 144MM  
ENGINE CODE: AEB,AGN,ALT

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9388DA	82.5mm	0mm	1984cc	29.5mm	-10.3cc	9.2:1	20mm	WP065-SP	825XPY	CW20	✓	-	A4.3
K9388D020	82.7mm	0.2mm	1993cc			9.24:1			827XPY				

**AUDI A3 & A4, GOLF GTI MK5 2.0 16V TURBO LOW COMP FORGED PISTON KIT (2004-2009)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 144MM  
ENGINE CODE: AXX/BGB/BPG/BJP/BPY/BUL/BWA/BWE/BWT/BYK

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9213DA	82.5mm	0mm	1984cc	29.5mm	-6.7cc	9.2:1	20mm	WP061-SP	810XPY	CW20	✓	-	A4.3
K9213D050	83mm	0.5mm	2008cc			9.3:1			815XPY				
K9213D100	83.5mm	1mm	2032cc			9.4:1			820XPY				

**AUDI A3 & A4, GOLF GTI MK5 2.0 16V TURBO FORGED PISTON KIT (2004-2009)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.5:1 \* ROD LENGTH 144MM  
ENGINE CODE: AXX/BGB/BPG/BJP/BPY/BUL/BWA/BWE/BWT/BYK



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9517DA	82.5mm	0mm	1984cc	29.5mm	-6.2cc	10.3:1	20mm	WP061-SP	825XPY	CW20	✓	-	A4.3
K9517D050	83mm	0.5mm	2008cc			10.41:1			830XPY				



**VW GROUP, AUDI, SEAT, SKODA & VW**



**GOLF GTI MK6 2.0 16V TURBO LOW COMP FORGED PISTON KIT (2006-2006)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 9.8:1 \* ROD LENGTH 144MM  
ENGINE CODE: BHZ/BYD/BZC/BWJ/CDLA/CDLB/CDLC/CDLF/CDLG/CDMA/CDZA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9479DA	82.5mm	0mm	1984cc	29.6mm	-9.5cc	10.3:1	21mm	WP092-SP	825XPY	CW21	✓	-	A4.3
K9479D050	83mm	0.5mm	2008cc						825XPY				

**GOLF-R 2.0 16V TURBO FORGED PISTON KIT (2018>)**

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CCTA/CCZA/CCZB/CBF/CAEB/CAEA/CDNC/CJXC/CCHA/CHHB 2012>

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9494DA	82.5mm	0mm	1984cc	29.6mm	-8.9cc	9.5:1	23mm	WP094DLC	825XPY	CW23	✓	-	A4.5
K9494D050	83mm	0.5mm	2008cc			9.6:1			830XPY				
K9494D100	83.5mm	1mm	2032cc			9.7:1			835XPY				

**AUDI A3 & A4, GOLF MK7 1.8 16V TURBO LOW COMP FORGED PISTON KIT (2006-2017)**

\* BORE: 82.5MM \* STROKE: 84.1MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 148MM  
ENGINE CODE: CDA/CDAB/CDHB/CJEB



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9507DA	82.5mm	0mm	1798cc	29.3mm	-4.7cc	9.2:1	21mm	WP139-SP	825XPY	CW21	✓	-	A4.3
K9507D050	83mm	0.5mm	1820cc			9.26:1			830XPY				

**AUDI A3 & A4, GOLF MK7 1.4 16V TURBO LOW COMP FORGED PISTON KIT (2012>)**

\* BORE: 74.5MM \* STROKE: 80MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CZCA/CPTA/CZEA/CTHG/CMBH



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9519DA	74.5mm	0mm	1394cc	31mm	-2.9cc	10.5:1	19mm	WP050DLC	745XPZ	CW19	✓	-	A4.3
K9519D050	75mm	0.5mm	1413cc			10.5:1			750XPZ				

**AUDI A3 & A4, GOLF MK7 1.4 16V TURBO LOW COMP FORGED PISTON KIT WITH HARD ANODISED CROWN (2012>)**

\* BORE: 74.5MM \* STROKE: 80MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CZCA/CPTA/CZEA/CTHG/CMBH



KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9512DA	74.5mm	0mm	1394cc	31mm	-2.9cc	10.5:1	19mm	WP050DLC	745XPZ	CW19	✓	-	A4.3
K9512D050	75mm	0.5mm	1413cc			10.5:1			750XPZ				



**VW GROUP, AUDI, SEAT, SKODA & VW**

**GOLF GT & SCIROCCO TWIN CHARGED FORGED PISTON KIT (2007-2013)**

\* BORE: 76.5MM \* STROKE: 75.6MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: CAX/CAVCVA

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9481DA	76.5mm	0mm	1389cc	29mm	-6.7cc	10.5:1	19mm	WP037DLC	765XPZ	CW19	✓	-	A4.3
K9481D050	77mm	0.5mm	1408cc			10.5:1			770XPZ				

**GOLF & CORRADO 2.8/2.9 12V VR6 LOW COMP FORGED PISTON KIT (1991-1997)**

\* BORE: 81MM \* STROKE: 90.3MM \* COMP RATIO: 10:1 \* ROD LENGTH 164MM  
ENGINE CODE: AAA/AES/AMY/ABV

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9093DA	81mm	0mm	2791cc	30.3mm	-17.8cc	8:1	20mm	WP061-SP	810XPY	CW20	✓	-	A4.3
K9093D050	81.5mm	0.5mm	2826cc			8.09:1			815XPY				
K9093D100	82mm	1mm	2861cc			8.17:1			820XPY				
K9093D150	82.5mm	1.5mm	2896cc			8.26:1			825XPY				
K9093D200	83mm	2mm	2931cc			8.35:1			830XPY				
K9093D250	83.5mm	2.5mm	2966cc			8.44:1			835XPY				

**GOLF & CORRADO 2.8/2.9 12V VR6 HIGH COMP FORGED PISTON KIT (1991-1997)**

\* BORE: 81MM \* STROKE: 90.3MM \* COMP RATIO: 10:1 \* ROD LENGTH 164MM  
ENGINE CODE: AAA/AES/AMY/ABV

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9053D050	81.5mm	0.5mm	2826cc	30.3mm	-2.4cc	11.12:1	20mm	WP052-SP	815XSX-3	CW20	✓	-	A4.3
K9053D100	82mm	1mm	2861cc			11.24:1			820XSX-3				
K9053D150	82.5mm	1.5mm	2896cc			11.37:1			825XSX-3				
K9053D200	83mm	2mm	2931cc			11.49:1			830XSX-3				
K9053D250	83.5mm	2.5mm	2966cc			11.62:1			835XSX-3				

**GOLF 3.2 12V R32 LOW COMP FORGED PISTON KIT (2002-2005)**

\* BORE: 84MM \* STROKE: 95.9MM \* COMP RATIO: 11.3:1 \* ROD LENGTH 164MM  
ENGINE CODE: BFH/BML/BJS

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9094DA	84mm	0mm	3188cc	29.5mm	-19.7cc	9:1	20mm	WP052-SP	840XPY	CW20	✓	-	A4.3
K9094D050	84.5mm	0.5mm	3226cc			9.1:1			845XPY				
K9094D100	85mm	1mm	3265cc			9.19:1			850XPY				



**VW GROUP, AUDI, SEAT, SKODA & VW**



**GOLF V6 4 MOTION TURBO FORGED PISTON KIT (1999-2005)**

\* BORE: 81MM \* STROKE: 90.3MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 164MM  
ENGINE CODE: AQP, BDE, AMV, AQP, AUE, AYL, BDE

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9097DA-6	81mm	0mm	2791cc	35.1mm	+2.45cc	10.8:1	20mm	WP061-SP	810XPY	CW20	✓	-	A4.3
K9097D100-6	82mm	1mm	2861cc						815XPY				
K9097D150-6	82.5mm	1.5mm	2896cc						820XPY				
K9097D200-6	83mm	2mm	2931cc						825XPY				

**GOLF & BEETLE V5 TURBO FORGED PISTON KIT (2000-2010)**

\* BORE: 81MM \* STROKE: 90.3MM \* COMP RATIO: 10.7:1 \* ROD LENGTH 164MM  
ENGINE CODE: AQN/AZX

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9097DA	81mm	0mm	2326cc	35.1mm	+2.45cc	10.8:1	20mm	WP061-SP	810XPY	CW20	✓	-	A4.3
K9097D100	82mm	1mm	2384cc						815XPY				
K9097D150	82.5mm	1.5mm	2413cc						820XPY				
K9097D200	83mm	2mm	2442cc						825XPY				

**AUDI 200/UR QUATTRO TURBO FORGED PISTON KIT (1980-1987)**

\* BORE: 80MM \* STROKE: 86.4MM \* COMP RATIO: 7.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: WR/KG/JY

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1560DA	80mm	0mm	2171cc	40.6mm	-33.4cc	7.0:1	22mm	WP046-SP	800XPZ	CW22	✓	-	A5.4
K1560D050	80.5mm	0.5mm	2198cc			7.0:1			805XPZ				

**GOLF GTI MK1 1.6 8V OETTINGER HIGH COMP FORGED PISTON KIT (1981-1984)**

\* BORE: 80MM \* STROKE: 80MM \* COMP RATIO: 10.2:1 \* ROD LENGTH 136MM  
ENGINE CODE: EG

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K1291DA	80mm	0mm	1608cc	44.7mm	-2.85cc	11.6:1	22mm	WP017-SP	800XDS-3-3	CW22	✓	-	A4.3
K1291D050	80.5mm	0.5mm	1628cc			11.6:1			805XDS-3-3				



## VW GROUP, AUDI, SEAT, SKODA & VW

◆ Hard anodised crown.

### AUDI A3 / VW POLO 1.2 16V TFSI FORGED PISTON KIT

\* BORE: 71MM \* STROKE: 75.6MM \* COMP RATIO: 10.5:1  
ENGINE CODE: CJZD/CYVB/CJZA/CJZC/CYVA/CJZB EA211

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9536DA	71mm	0mm	1197cc	28mm	+1.5cc	10.8:1	17mm	WP090-SP	710XPY-3	CW17	-	-	A4.3
K9536D050	71.5mm	0.5mm	1214cc						715XPY-3				

### AUDI TTRS / RS3 2.5 20V TURBO FORGED PISTON KIT (2007>)

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 10.0:1 \* ROD LENGTH 144MM  
ENGINE CODE: CEPA/CEPB/CTSA/CZGA/CZGB/DAZA/DNWA

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9523DA	82.5mm	0mm	2480cc	29.5mm	-11cc	10.0:1	23mm	WP082-SP	825XPY	CW23	✓	-	A5.3
K9523D050	83mm	0.5mm	2510cc						830XPY				

### AUDI A4 2.0 16V TURBO COMP FORGED PISTON KIT (2009-2015)

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CCTA/CCZA/CCZB/CBF/CAEB >2011

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
K9487DA	82.5mm	0mm	1984cc	29.6mm	-7.3cc	9.6:1	21mm	WP092-SP	825XPY	CW21	✓	-	A4.3
K9487D050	83mm	0.5mm	2008cc						830XPY				
K9487D100	83.5mm	1mm	2032cc						835XPY				

### GOLF-R 2.0 16V TURBO LOW COMP FORGED PISTON KIT (2018>)

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CCTA/CCZA/CCZB/CBF/CAEB/CAEA/CDNC/CJXC/CCHA/CHHB 2012>

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9540DA	82.5mm	0mm	1984cc	29.6mm	-8.9cc	9.6:1	23mm	WP094DLC	GNH82.50	CW23	✓	-	A4.775
◆K9540D050	83mm	0.5mm	2008cc						GNH83.00				A4.75

### AUDI A4 2.0 16V TURBO COMP FORGED PISTON KIT (2009-2015)

\* BORE: 82.5MM \* STROKE: 92.8MM \* COMP RATIO: 9.6:1 \* ROD LENGTH 144MM  
ENGINE CODE: CCTA/CCZA/CCZB/CBF/CAEB >2011

**NEW**

KIT PART #	BORE (MM)	OVERSIZE	DISPLACEMENT	COMP HEIGHT	VOLUME	COMP RATIO	PIN DIA	PIN PART #	RING PART #	CLIP PART #	ROD AVAILABLE?	GASKET AVAILABLE?	PRICE CODE
◆K9539DA	82.5mm	0mm	1984cc	29.6mm	-7.3cc	9.6:1	21mm	WP092DLC	GNH82.50	CW21	✓	-	A4.775
◆K9539D050	83mm	0.5mm	2008cc						GNH83.00				A4.75

## VW GROUP 2.0 TURBO PISTON REFERENCE

ENGINE CODE	DETAILS	PISTON KIT	PIN SIZE	ROD WIDTH	COMPRESSION RATIO
AXX	EA113 K03 (timing belt)	K9213	20mm	25mm	9.2:1
BGB					
BPG					
BPJ					
BPY					
BUL					
BWA					
BWE					
BWT					
BYK					



\* Compression ratios are based on stock piston only.

# VW GROUP 2.0 TURBO PISTON REFERENCE CONTINUED

ENGINE CODE	DETAILS	PISTON KIT	PIN SIZE	ROD WIDTH	COMPRESSION RATIO
AXX	EA113 K03 (timing belt)	K9517	20mm	25mm	10.3:1
BGB					
BPG					
BPJ					
BPY					
BUL					
BWA					
BWE					
BWT					
BYK					



ENGINE CODE	DETAILS	PISTON KIT	PIN SIZE	ROD WIDTH	COMPRESSION RATIO
BHZ	EA113 K04 (timing belt)	K9479	21mm	25mm	9.8:1
BYD					
BZC					
BJJ					
CDLA					
CDLB					
CDLC					
CDLF					
CDLG					
CDMA					
CDZA					



ENGINE CODE	DETAILS	PISTON KIT	PIN SIZE	ROD WIDTH	COMPRESSION RATIO
CCTA (till 2011)	EA888(chain)	K9487 / K9539 For hard anodised crown	21mm	21mm	9.6:1
CCZA (till 2011)					
CCZB (till 2011)					
CBF (till 2011)					
CAEB (till 2011)					



# VW GROUP 2.0 TURBO PISTON REFERENCE CONTINUED



**PEC & WÖSSNER CON RODS**



ENGINE CODE	DETAILS	PISTON KIT	PIN SIZE	ROD WIDTH	COMPRESSION RATIO
CCTA (from 2012 up)	EA888 (chain)	K9494 / K9540 For hard anodised crown	23mm	21mm	9.5:1
CCZA (from 2012 up)					
CCZB (from 2012 up)					
CBF (from 2012 up)					
CAEB (from 2012 up)					
CAEA (from 2012 up)					
CDNC (from 2012 up)					
CJXC					
CCHA					
CHHB					



## BMW – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
N55/S55 3.0 Turbo H-Beam Connecting rod kit	G0365-6	H	144.3mm	53.6mm	22mm	20.85mm	9mm T	3/8"	K9506-6
B58 3.0 Turbo H-Beam Connecting rod kit	G0305-6	H	148mm	53.6mm	22mm	23.9mm	14mm T	3/8"	K9546-6
2002 M10 2.0 H-Beam Connecting rod kit	G0353	H	135mm	52mm	22mm	23.9mm	23.9mm	3/8"	K9399 & K9508

## BMW – WÖSSNER CON RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
BMW M3 3.0 E36 H-Beam Connecting Rod kit	KPL042	H	142mm	53mm	21mm	21.85mm	21.85mm	3/8"	K9043, K9400 & K9293

## PEUGEOT & CITROEN – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
XU5 205 GTi 1.6 8v H-Beam Connecting rod kit	G0005A	H	150mm	48.6mm	20mm	24.20mm	24.20mm	3/8"	K9111
XU9 205GTi 1.9 8v H-Beam Connecting rod kit	G0004C	H	143mm	53.7mm	20mm	24.2mm	24.2mm	3/8"	K9112
XU9J4 Mi16 1.9 16v H-Beam Connecting rod kit	G0066A	H	143mm	53.7mm	22mm	22.5mm	22.5mm	3/8"	K9042 & K9229
XU10J4 2.0 16V 306 Gti & ZX / XU10J2CTE 406 & Xantia 8v Turbo H-Beam Connecting rod kit	G0016A	H	152mm	53.7mm	22mm	24.20mm	19.50mm	3/8"	K9041 & K9199
XU10J4RS 2.0 16V 306 GTi-6 & Xsara H-Beam Connecting rod kit	G0017B	H	158mm	53.7mm	20mm	24.20mm	19.50mm	3/8"	K9181
XU10J4RS 2.0 16V 306 GTi-6 & Xsara Turbo H-Beam Connecting rod kit	G0030	H	158mm	53.7mm	22mm	24.20mm	19.50mm	3/8"	K9203
EW10J4RS 2.0 16V 206 GTi 180 & C4 VTR H-Beam Connecting rod kit	G0020	H	139mm	48.6mm	21mm	24.20mm	19.10mm	3/8"	K9287
TU5J4 1.6 16v & 8v Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	G0009A	H	133.5mm	48.6mm	19.46mm	24mm	20mm	3/8"	K9039 & K9089
TU5J4 1.6 16v & 8v Saxo & 106 GTi / TU5JP4 C2 & 206 I-Beam Connecting rod kit	G0238	I	133.5mm	48.6mm	19.46mm	24mm	20mm	3/8"	K9039 & K9089
TU5J4 1.6 16v & 8v Saxo & 106 GTi / TU5JP4 C2 & 206 **Race pin size** H-Beam Connecting rod kit	G0010A	H	133.5mm	48.6mm	18mm	24mm	20mm	3/8"	K9107 & K9110
TU5J4 1.6 16v Super 1600 Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	G0011B	H	137.75mm	48.6mm	18mm	24mm	20mm	3/8"	K9150 & K9233
TU5J4 1.6 16v Maxi Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	G0184	H	139mm	48.6mm	18mm	23.8mm	20mm	3/8"	K9416
EP6 1.6 16v Turbo 207 GTi & DS3 Racing N14 & N18 H-Beam Connecting rod kit	G0212	H	132.5mm	48mm	20mm	20.9mm	20.9mm T	5/16"	K9469, K9513 & H0347

## PEUGEOT & CITROEN – WÖSSNER CON RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
TU5J4 1.6 16v & 8v Saxo & 106 GTi / TU5JP4 C2 & 206 **Race pin size** H-Beam Connecting rod kit	KPL019	H	133.6mm	48.66mm	18mm	24mm	20mm	3/8"	K9107 & K9110
TU5J4 1.6 16v & 8v Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	KPL020	H	133.6mm	48.66mm	19.46mm	24mm	20mm	3/8"	K9039 & K9089



**PEC & WÖSSNER  
CON RODS**

**PEUGEOT & CITROEN – WÖSSNER CON RODS** CONTINUED

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
XU10J4 2.0 16V 306 Gti & ZX / XU10J2CTE 406 & Xantia 8v Turbo H-Beam Connecting rod kit	KPL028	H	152mm	53.69mm	22mm	24.2mm	19.1mm	3/8"	K9041 & K9199
XU10J4RS 2.0 16V 306 GTi-6 & Xsara H-Beam Connecting rod kit	KPL029	H	158mm	53.68mm	20mm	24.2mm	22mm	3/8"	K9181
TU5J4 1.6 16v Super 1600 Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	KPL030	H	137.75mm	48.66mm	18mm	23.9mm	20mm	3/8"	K9150 & K9233
EW10J4RS 2.0 16V 206 GTi 180 & C4 VTR H-Beam Connecting rod kit	KPL033	I	139mm	48.65mm	21mm	24.2mm	19.1mm	3/8"	K9287 & K9190
XU9J4 Mi16 1.9 16v H-Beam Connecting rod kit	KPL044	H	143mm	53.69mm	22mm	22.45mm	22.45mm	3/8"	K9042 & K9229
TU5J4 1.6 16v Maxi Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	KPL054	H	139mm	48.65mm	18mm	23.95mm	20mm	3/8"	K9416
TU5J4 1.6 16v Maxi Saxo & 106 GTi / TU5JP4 C2 & 206 H-Beam Connecting rod kit	KPL046	H	139.85mm	48.65mm	18mm	23.95mm	20mm	3/8"	-

**FIAT – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
1400 Turbo Fiat 500 * H-Beam Connecting rod kit	G0308	H	129mm	45.13mm	18mm	21.7mm	15.5mm	5/16"	K9470
175A 2.0 5 Cylinder Coupe Turbo H-Beam Connecting rod kit	G0045	H	145mm	51.3mm	22mm	21.9mm	21.9mm	3/8"	K9212

**FORD – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
1.6 16v Sigma N/A H-Beam Connecting rod kit	G0110	H	137mm	47mm	18mm	20.8mm	18mm	5/16"	K9541
2.0 16v Zetec Silver top engines H-Beam Connecting rod kit	G0006C	H	136.25mm	50mm	20.63mm	24.25mm	24.25mm	3/8"	K9066 & K9189
2.0 16v Black top Zetec H-Beam Connecting rod kit	G0019A	H	140.8mm	50mm	20.63mm	24.25mm	24.25mm	3/8"	K9394
2.0 16v Zetec Focus RS mk1 H-Beam Connecting rod kit	G0085A	H	137mm	50mm	22mm	24.25mm	24.25mm	3/8"	K9483
2.0 16v RS2000 H-Beam Connecting rod kit	G0132	H	149.5mm	53.9mm	20mm	25.7mm	21mm	3/8"	K9544
2.0 Cosworth YB Turbo & Atmo Inc Pinto H-Beam Connecting rod kit	G0043	H	128.5mm	55mm	24mm	25.80mm	25.80mm	3/8"	K9009, K9027, K9217 & K9232
2.0 Cosworth YB Turbo & Atmo Inc Pinto I-Beam Connecting rod kit	G0187	I	128.5mm	55mm	24mm	25.80mm	25.80mm	3/8"	K9009, K9027, K9217 & K9232
2.0 Cosworth YB Turbo & Atmo Inc Pinto **Long rod** H-Beam Connecting rod kit	G0023E	H	136mm	55mm	24mm	25.80mm	25.80mm	3/8"	K9392, K9393, K9542 & K9543
2.0 Cosworth YB Turbo & Atmo Inc Pinto **Long rod** I-Beam Connecting rod kit	G0186	I	136mm	55mm	24mm	25.80mm	25.80mm	3/8"	K9392, K9393, K9542 & K9543
X-Flow **Journal size machine-able from normal to narrow** H-Beam Connecting rod kit	G0025A	H	125.12mm	52.9mm	20.63mm	26.85mm	26.85mm	3/8"	K9390
1.6 CVH engines Inc RS Turbo H-Beam Connecting rod kit	G0046	H	132mm	50.9mm	20.63mm	24.3mm	24.3mm	3/8"	K9216
2.0 16v Duratec HE H-Beam Connecting rod kit	G0050	H	146.25mm	50mm	21mm	21.8mm	18mm	3/8"	K9220 & K9282
2.3 Duratec HE H-Beam Connecting rod kit	G0063A	H	154.8mm	53mm	21mm	21.8mm	18mm	3/8"	K9220 & K9282
2.5 Duratec H-Beam Connecting rod kit	G0289A	H	151.8mm	55mm	21mm	21.8mm	18mm	3/8"	K9282



**PEC & WÖSSNER  
CON RODS**

**FORD – PEC RODS** CONTINUED

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
1.0T 3cyl Eco-Boost H-Beam Connecting rod kit	G0167	H	137mm	43mm	20mm	19.55mm	19.55mm T	5/16"	K9527
Fiesta ST 1.6T Eco-Boost H-Beam Connecting rod kit	G0267A	H	134mm	47mm	21mm	20.8mm	18.5mm T	5/16"	K9484 & K9528
Focus ST 2.0T Eco-Boost H-Beam Connecting rod kit	G0268A	H	155.75mm	55mm	22.5mm	22mm	21mm T	3/8"	K9486 & K9545
Fiesta ST 1.6T Eco-Boost I-Beam Connecting rod kit	G0337	I	134mm	47mm	21mm	20.8mm	18.5mm T	5/16"	K9484 & K9528
Focus ST 2.0T Eco-Boost I-Beam Connecting rod kit	G0338	I	155.75mm	55mm	22.5mm	22mm	21mm T	3/8"	K9486 & K9545
Focus RS & Mustang 2.3T Eco-Boost H-Beam Connecting rod kit	G0309	H	149.3mm	55mm	22.5mm	21.8mm	21.8mm T	3/8"	K9495
Focus RS & Mustang 2.3T Eco-Boost I-Beam Connecting rod kit	G0339	I	149.3mm	55mm	22.5mm	21.8mm	21.8mm T	3/8"	K9495
Focus ST 2.5 I5 Turbo H-Beam Connecting rod kit	G0048	H	145mm	53mm	21mm	25.65mm	22mm	3/8"	K9276
Focus RS 2.5 I5 Turbo H-Beam Connecting rod kit	G0164A	H	143mm	53mm	23mm	25.65mm	22mm	3/8"	K9489
Focus RS 2.5 I5 Turbo I-Beam Connecting rod kit	G0258	I	143mm	53mm	23mm	25.65mm	22mm	3/8"	K9489
Fiesta ST 1.5T Eco-Boost 3cyl H-Beam Connecting rod kit	G0352	H	143.2mm	49mm	21mm	20.82mm	11.8mm T	5/16"	K9522

**FORD – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
2.0 Cosworth YB Turbo & Atmo I-Beam Connecting rod kit	KPL027-I	I	128.5mm	55mm	24mm	25.8mm	25.8mm	3/8"	K9009, K9027, K9217 & K9232

**HONDA – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
Honda B16 H-Beam connecting rod kit	G0360	H	142.8mm	48.7mm	21mm	21.8mm	18mm	3/8"	K9425
Honda B18 H-Beam connecting rod kit	G0361	H	138mm	48mm	21mm	21.8mm	18mm	3/8"	K9070
Honda K20A H-Beam connecting rod kit	G0362	H	139mm	51mm	22mm	19.8mm	19.8mm	3/8"	K9244 & K9088
Honda K20C H-Beam connecting rod kit	G0363	H	139mm	51mm	22mm	19.8mm	19.8mm	3/8"	K9535

**LANCIA – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
836 2.0 16v & 8v Turbo Lancia Integrale H-Beam Connecting rod kit	G0041A	H	145mm	54mm	22mm	25.70mm	25.70mm	3/8"	K9010, K9011, H0125





**PEC & WÖSSNER CON RODS**

**LANCIA – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
836 2.0 16v & 8v Turbo Lancia Integrale H-Beam Connecting rod kit	KPL001-I	I	145mm	53.9mm	22mm	25.7mm	25.7mm	3/8"	K9010, K9011 & K9532

**MAZDA – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
2.3 DISI Turbo H-Beam Connecting rod kit	G0358	H	150.8mm	55mm	22.5mm	21.8mm	15.8mm T	3/8"	K9526

**MERCEDES – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
M260 A35 AMG Turbo H-Beam Connecting rod kit	G0356	H	138.7mm	51.6mm	20mm	20mm	8.5mm	3/8"	K9525
M133 A45 AMG Turbo H-Beam Connecting rod kit	G0357	H	138.7mm	51.6mm	22mm	20mm	7.5mm	3/8"	K9524

**MINI – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
Mini W11B16 1.6 16v Supercharged R53 * H-Beam Connecting rod kit	G0336	H	131.5mm	49mm	21mm	23.25mm	18.45mm	5/16"	K9123
Mini N14 & N18 1.6 16v Turbocharged R56 * H-Beam Connecting rod kit	G0212	H	132.5mm	48mm	20mm	20.9mm	20.9mm T	5/16"	K9469, K9513 & H0347
Mini / BMW B38 1.5 3cyl Turbocharged H-Beam Connecting rod kit	G0350	H	148.2mm	48.6mm	22mm	23.9mm	8.7mm T	3/8"	TBD
Mini / BMW B48 2.0 Turbo H-Beam Connecting rod kit	G0305	H	148mm	53.6mm	22mm	23.9mm	14mm T	3/8"	K9546-4
Mini / BMW N20 2.0 Turbo H-Beam Connecting rod kit	G0365-4	H	144.3mm	53.6mm	22mm	20.85mm	9mm T	3/8"	K9506-4

**MITSUBISHI – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
4G63 2.0 16v Evo with 22mm small end **Evo3-9** H-Beam Connecting rod kit	G0047	H	150mm	48mm	22mm	26.3mm	25.5mm	3/8"	All
4G63 2.0 16v Evo with 22mm small end **Evo3-9** I-Beam Connecting rod kit	G0237	I	150mm	48mm	22mm	26.3mm	25.5mm	3/8"	All

**MITSUBISHI – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
Mitsubishi Lancer Evo X I-Beam Connecting rod kit	KPL045-I	I	144mm	55mm	23mm	21.85mm	19.9mm	3/8"	K9279



**PEC & WÖSSNER CON RODS**

**NISSAN – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
RB25 & RB26 Skyline I-Beam Connecting rod kit	G0185	I	121.5mm	51mm	21mm	21.75mm	21.75mm	3/8"	K9059, K9172 & K9262
RB25 & RB26 Skyline H-Beam Connecting rod kit	G0056	H	121.5mm	51mm	21mm	21.75mm	21.75mm	3/8"	K9059, K9172 & K9262
Nissan GTR H-Beam Connecting rod kit	G0364	H	165mm	59mm	23mm	22.8mm	16mm T	3/8"	K9401
All SR20DET engines inc Sunny GTIR & S14 200SX H-Beam Connecting rod kit	G0342	H	136.25mm	51mm	22mm	22.8mm	23mm	3/8"	K9058

**NISSAN – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
Nissan 350Z VQ235 H-Beam Connecting rod kit	KPL006	H	144.2mm	55mm	22mm	20.8mm	20.8mm	3/8"	K9127 & K9128

**PORSCHE – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
Porsche 911 2.4/2.7/3.0 Carrera / 3.0 Turbo H-Beam Connecting Rod kit	KPL035	H	127.75mm	56mm	22mm	23.77mm	25.9mm	3/8"	K9456, K9254 & K9482

**RENAULT – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
C1J 1.4 8v Turbo inc R5 GTT H-Beam Connecting rod kit	G0014A	H	128mm	47.55mm	20mm	21.80mm	21.80mm	5/16"	K9186
F4 & F7 2.0 16v H-Beam Connecting rod kit	G0015B	H	144mm	51.59mm	21mm	25mm	25mm	3/8"	K9045, K9136, K9417 & K9475
F4 & F7 2.0 16v I-Beam Connecting rod kit	G0188	I	144mm	51.59mm	21mm	25mm	25mm	3/8"	K9045, K9136, K9417 & K9475
F4 & F7 2.0 16v Narrow small end H-Beam Connecting rod kit	G0279	H	144mm	51.59mm	21mm	25mm	22mm	3/8"	K9288
F4R **Long rod** H-Beam Connecting rod kit	G0199	H	150mm	51.59mm	19mm	25mm	25mm	3/8"	TBA

**RENAULT – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
C1J 1.4 8v Turbo inc R5 GTT H-Beam Connecting rod kit	KPL022	H	128mm	47.61mm	20mm	21.8mm	21.8mm	3/8"	K9186 & K9040
F4R **Long rod** H-Beam Connecting rod kit	KPL059	H	150mm	51.6mm	19mm	25mm	20mm	3/8"	-

**MG ROVER – PEC RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
2.0 Turbo 16v T16 H-Beam Connecting rod kit	G0001A	H	160mm	51.4mm	21mm	25.4mm	18mm	3/8"	K9231





## PEC & WÖSSNER CON RODS

### SAAB – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
B235R Engine & B204 H-Beam Connecting rod kit	G0070	H	153mm	56mm	24mm	26.4mm	22mm	3/8"	K9119
B234 Engine H-Beam Connecting rod kit	G0069	H	147mm	56mm	24mm	26.4mm	26.4mm	3/8"	K9214
B207 Engine H-Beam Connecting rod kit	G0344	H	145.5mm	52mm	23mm	24mm	24mm	3/8"	K9516

### SAAB – WÖSSNER CON RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
B235R Engine & B204 H-Beam Connecting rod kit	KPL053	H	153mm	56mm	24mm	26.4mm	26.4mm	3/8"	K9119

### SUBARU – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
2.0 2.2 & 2.5 Turbo 16v Engines H-Beam Connecting rod kit	G0012A	H	130.5mm	55mm	23mm	21.425mm	15.50mm T	3/8"	All
2.0 2.2 & 2.5 Turbo 16v Engines I-Beam Connecting rod kit	G0330	I	130.5mm	55mm	23mm	21.425mm	15.50mm T	3/8"	All

### SUBARU – WÖSSNER CON RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
2.0 2.2 & 2.5 Turbo 16v Engines I-Beam Connecting rod kit	KPL024-I	I	130.45mm	55mm	23mm	21.42mm	21.42mm	3/8"	All

### TOYOTA – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
4E-FTE 1300cc Starlet Turbo * H-Beam Connecting rod kit	G0039C	H	118mm	43mm	18mm	20.75mm	20.75mm	5/16"	K9072
5E 1500cc Starlet Turbo * H-Beam Connecting rod kit	G0040C	H	130.4mm	46mm	18mm	20.75mm	20.75mm	5/16"	K9072
4E-FTE 1300cc Starlet Turbo * I-Beam Connecting rod kit	G0239A	I	118mm	43mm	18mm	20.75mm	20.75mm	5/16"	K9072
5E 1500cc Starlet Turbo * I-Beam Connecting rod kit	G0240	I	130.4mm	46mm	18mm	20.75mm	20.75mm	5/16"	K9072
3SGTE 2.0 Atmo and Turbo H-Beam Connecting rod kit	G0051A	H	138mm	51mm	22mm	26.75mm	26.75mm	3/8"	K9055
2019 Supra B48 2.0 Turbo H-Beam Connecting rod kit	G0305	H	148mm	53.6mm	22mm	23.9mm	14mm T	3/8"	K9546-4
2019 Supra B58 3.0 Turbo H-Beam Connecting rod kit	G0305-6	H	148mm	53.6mm	22mm	23.9mm	14mm T	3/8"	K9546-6



## PEC & WÖSSNER CON RODS

### OPEL / VAUXHALL – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
C20XE / C20LET / Z20LET / Z20LEH 2.0 16v Turbo & Atmo H-Beam Connecting rod kit	G0033E	H	143.1mm	52mm	21mm	26.40mm	22mm	3/8"	K9005, K9092, K9259 & K9410
C20XE / C20LET / Z20LET / Z20LEH 2.0 16v Turbo & Atmo I-Beam Connecting rod kit	G0122B	I	143.1mm	52mm	21mm	26.40mm	22mm	3/8"	K9005, K9092, K9259 & K9410
C20XE 2.0 16v Atmo WTCC Long rod H-Beam Connecting rod kit	G0021C	H	151.3mm	52mm	18mm	26.4mm	20mm	3/8"	K9391
A20NFT Turbo H-Beam Connecting rod kit	G0280	H	145.5mm	52.13mm	23mm	24mm	24mm T	3/8"	K9490
Z16LEH 1.6 16v Turbo H-Beam Connecting rod kit	G0060A	H	129.7mm	46mm	19mm	21.85mm	22mm	5/16"	K9466 & K9491
Z16LEH 1.6 16v Turbo I-Beam Connecting rod kit	G0234A	I	129.7mm	46mm	19mm	21.85mm	22mm	5/16"	K9466 & K9491
C14XE & X14XE 1.4 16v Atmo Long rod H-Beam Connecting rod kit	G0256	H	140mm	46mm	18mm	21.85mm	18.5mm	5/16"	K0257
C16XE 1.6 16v Atmo H-Beam Connecting rod kit	G0065A	H	129.75mm	46mm	18mm	21.85mm	18mm	5/16"	K9141

### OPEL / VAUXHALL – WÖSSNER CON RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
C20XE / C20LET / Z20LET / Z20LEH 2.0 16v Turbo & Atmo H-Beam Connecting rod kit	KPL009	H	143mm	52mm	21mm	26.3mm	22mm	3/8"	K9005, K9092, K9259 & K9410

### VW GROUP, AUDI, SEAT, SKODA & VW – PEC RODS

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
All VAG 1.8 Turbo 20v engines H-Beam Connecting rod kit	G0049	H	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9075
All VAG 1.8 Turbo 20v engines (rifle drilled) H-Beam Connecting rod kit	G0196B	H	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9075
All VAG 1.8 Turbo 20v engines I-Beam Connecting rod kit	G0201	I	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9075
All VAG 1.8 Turbo 20v engines (rifle drilled) I-Beam Connecting rod kit	G0326	I	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9075
VW 2.0 9A Turbo & Atmo Engines H-Beam Connecting rod kit	G0049	H	144mm	50.6mm	20mm	25mm	25mm	3/8"	K9031 & K9205
VW 2.8 & 2.9 VR6 + R32 * H-Beam Connecting rod kit	G0052	H	164mm	56.8mm	21mm	19.9mm	19.9mm	5/16"	K9053, K9093, K9094 & K9097
VW 2.8 & 2.9 VR6 + R32 **Not suitable for OE bore 2.8*** H-Beam Connecting rod kit	G0103	H	164mm	56.8mm	21mm	19.9mm	19.9mm	3/8"	K9053, K9093, K9094 & K9097
VW 1.4 Twin charged H-Beam Connecting rod kit	G0292	H	144mm	50.6mm	19mm	20mm	20mm T	5/16"	K9481
VW 1.4 Twin charged (rifle drilled) H-Beam Connecting rod kit	G0321	H	144mm	50.6mm	19mm	20mm	20mm T	5/16"	K9481
VW 2.0 TFSI OEM I-Beam Connecting rod kit	G0293B	I	144mm	50.6mm	21mm	24.9mm	18mm T	3/8"	K9479 & K9487
VW 2.0 TFSI OEM H-Beam Connecting rod kit	G0294A	H	144mm	50.6mm	21mm	24.9mm	18mm T	3/8"	K9479 & K9488
VW 2.0 TFSI OEM & Narrow big end H-Beam Connecting rod kit	G0296A	H	144mm	50.6mm	21mm	21.9mm	18mm T	3/8"	K9479 & K9489
VW 2.0 TFSI OEM & Narrow big end I-Beam Connecting rod kit	G0297	I	144mm	50.6mm	21mm	21.9mm	18mm T	3/8"	K9479 & K9490
VW 2.0 TFSI H-Beam Connecting rod kit	G0049	H	144mm	50.6mm	20mm	25mm	25mm	3/8"	K9213







**PEC & WÖSSNER  
CON RODS**

**VW GROUP, AUDI, SEAT, SKODA & VW – PEC RODS** CONTINUED

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
VW 2.0 TFSI I-Beam Connecting rod kit	G0201	I	144mm	50.6mm	20mm	25mm	25mm	3/8"	K9213
VW 2.0 TFSI (rifle drilled) H-Beam Connecting rod kit	G0196B	H	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9213
VW 2.0 TFSI (rifle drilled) I-Beam Connecting rod kit	G0326	I	144mm	50.60mm	20mm	25mm	25mm	3/8"	K9213
VW 2.0 TFSI OEM (rifle drilled) H-Beam Connecting rod kit	G0322	H	144mm	50.6mm	21mm	24.9mm	18mm T	3/8"	K9479 & K9487
VW 2.0 TFSI OEM (rifle drilled) I-Beam Connecting rod kit	G0324	I	144mm	50.6mm	21mm	24.9mm	18mm T	3/8"	K9479 & K9488
VW 2.0 TFSI OEM & Narrow big end (rifle drilled) H-Beam Connecting rod kit	G0323	H	144mm	50.6mm	21mm	21.9mm	18mm T	3/8"	K9479 & K9489
VW 2.0 TFSI OEM & Narrow big end (rifle drilled) I-Beam Connecting rod kit	G0325	I	144mm	50.6mm	21mm	21.9mm	18mm T	3/8"	K9479 & K9490
VW 2.8 & 2.9 VR6 + R32 **Not suitable for OE bore 2.8** (rifle drilled) * H-Beam Connecting rod kit	G0327	H	164mm	56.8mm	21mm	19.9mm	19.9mm	3/8"	K9053, K9093, K9094 & K9097
VW 2.0 TFSI OEM & Narrow big end H-Beam Connecting rod kit	G0331	H	144mm	50.6mm	23mm	21.9mm	16mm T	3/8"	K9494
VW 2.0 TFSI OEM & Narrow big end I-Beam Connecting rod kit	G0333	I	144mm	50.6mm	23mm	21.9mm	16mm T	3/8"	K9494
VW 2.0 TFSI OEM & Narrow big end (rifle drilled) H-Beam Connecting rod kit	G0332	H	144mm	50.6mm	23mm	21.9mm	16mm T	3/8"	K9494
VW 2.0 TFSI OEM & Narrow big end (rifle drilled) I-Beam Connecting rod kit	G0334	I	144mm	50.6mm	23mm	21.9mm	16mm T	3/8"	K9494
VW 1.6 8v EG (Golf Gti mk1) H-Beam Connecting rod kit	G0355	H	136mm	49mm	22mm	24.95mm	24.95mm	3/8"	K9180

**VW GROUP, AUDI, SEAT, SKODA & VW – WÖSSNER CON RODS**

APPLICATION	PART #	PATTERN	LENGTH C/C	BE DIA	SE DIA	BE WIDTH	SE WIDTH	ARP BOLT SIZE	SUITS WÖSSNER PISTON
VW 2.0 16v ABF H-Beam Connecting rod kit	KPL016	H	159mm	50.6mm	21mm	24.9mm	20mm	3/8"	K9032 & K9204
All VAG 1.8 Turbo 20v engines H-Beam Connecting rod kit	KPL018	H	144mm	50.6mm	20mm	25mm	25mm	3/8"	K9075, K9271, K9269, K9517 & K9213
VW 2.0 TFSI H-Beam Connecting rod kit	KPL055-S	I	144mm	50.6mm	21mm	21.9mm	21.9mm	3/8"	K9479 & K9487
VW 1.4 Twin charged H-Beam Connecting rod kit	KPL058	I	144mm	50.6mm	20mm	20mm	19mm	3/8"	K9481

\* Engine bores may require notching for additional clearance.

In some cases, dimensions in fractions (IE 43.06mm) may be rounded up or down in publication. Please contact us for any clarifications you need.



**PINS**



Ø	PIN	DIMENSIONS			PRICE CODE
		ØOD	ØID	L	
10	WP105-SP	10mm	10.5mm	33mm	B13
	WP091-SP	12mm	10.5mm	37.5mm	B13
12	WP101-SP	12mm	10mm	33mm	B13
	WP106-SP	12mm	10mm	37.5mm	B13
13	WP088-SP	13mm	10mm	40mm	B13
	WP124-SP	13mm	10mm	40mm	B13
14	WP025-SP	14mm	10mm	45mm	B13
	WP058-SP	14mm	10mm	38.5mm	B13
	WP063-SP	14mm	10mm	38.5mm	B13
15	WP011-SP	15mm	10mm	45mm	B13
	WP032-SP	15mm	10mm	45mm	B13
	WP067-SP	15mm	10mm	41mm	B13
	WP102-SP	15mm	10mm	54mm	B13
16	WP110DLC	15mm	10mm	38mm	B15
	WP027-SP	16mm	10mm	56.2mm	B13
	WP036-SP	16mm	10mm	45mm	B13
	WP041-SP	16mm	10mm	51mm	B13
	WP059-SP	16mm	10mm	45mm	B13
	WP066-SP	16mm	10mm	42mm	B13
	WP070-SP	16mm	10mm	38mm	B13
	WP070DLC	16mm	10mm	38mm	B15
	WP070TIDLC	16mm	10mm	38mm	B15
	WP087-SP	16mm	10mm	36mm	B13
17	WP112DLC	16mm	10mm	33mm	B15
	WP113-SP	16mm	10mm	38mm	B13
	WP113DLC	16mm	10mm	38mm	B15
	WP114TIDLC	16mm	11mm	35mm	B15
	WP123DLC	16mm	11mm	36mm	B15
	WP045-SP	17mm	11mm	61mm	B13
	WP083-SP	17mm	11mm	46mm	B13
17.463	WP089-SP	17mm	11mm	58mm	B13
	WP090-SP	17mm	11mm	51mm	B13
	WP109-SP	17mm	11mm	36mm	B13
	WP111DLC	17mm	11mm	38mm	B15
17.96	WP119-SP	17mm	11mm	38mm	B13
	WP062-SP	17.463mm	11mm	51mm	B13
18	WP146-SP	17.96mm	11mm	51mm	B13
	WP031-SP	18mm	11mm	51mm	B13
	WP033-SP	18mm	11mm	56.2mm	B13
	WP039-SP	18mm	11mm	56mm	B13
	WP040-SP	18mm	12.5mm	53.2mm	B13
	WP042-SP	18mm	12.5mm	62.8mm	B13
	WP049-SP	18mm	12.5mm	45mm	B13
	WP053-SP	18mm	12.5mm	51mm	B13

Ø	PIN	DIMENSIONS			PRICE CODE
		ØOD	ØID	L	
18	WP054-SP	18mm	12mm	46mm	B13
	WP054DLC	18mm	12mm	46mm	B15
	WP064-SP	18mm	12mm	56mm	B13
	WP064DLC	18mm	12mm	56mm	B15
	WP072-SP	18mm	12mm	46mm	B13
	WP072DLC	18mm	12mm	46mm	B15
	WP079-SP	18mm	12mm	62.8mm	B13
	WP099-SP	18mm	12mm	51mm	B13
	WP115DLC	18mm	12mm	49mm	B15
	WP117-SP	18mm	12mm	45mm	B13
18.5	WP129-SP	18mm	12mm	56.2mm	B13
	WP133-SP	18mm	12mm	56mm	B13
	WP134-SP	18mm	12mm	62.8mm	B13
	WP142-SP	18mm	12mm	62.8mm	B13
	WP084-SP	18.5mm	12mm	55.5mm	B13
	WP018-SP	19mm	12mm	48mm	B13
	WP019-SP	19mm	12mm	61mm	B13
	WP026-SP	19mm	12mm	55.5mm	B13
	WP028-SP	19mm	12mm	46mm	B13
	WP028DLC	19mm	12mm	46mm	B15
19	WP037-SP	19mm	12mm	51mm	B13
	WP037DLC	19mm	12mm	51mm	B15
	WP044-SP	19mm	12mm	56.4mm	B13
	WP050-SP	19mm	12mm	51mm	B13
	WP050DLC	19mm	12mm	51mm	B15
	WP071-SP	19mm	12mm	46mm	B13
	WP071DLC	19mm	12mm	46mm	B15
19.05	WP138-SP	19mm	12mm	55.5mm	B13
	WP141-SP	19mm	13.5mm	51mm	B13
	WP048-SP	19.05mm	13.5mm	56mm	B13
19.46	WP035-SP	19.46mm	13.5mm	61mm	B13
	WP096-SP	19.46mm	13mm	51mm	B13
19.55	WP140-SP	19.46mm	13mm	61mm	B13
	WP118-SP	19.55mm	13mm	73.54mm	B13
19.98	WP135-SP	19.98mm	13mm	51mm	B13
	WP029-SP	20mm	13mm	46.2mm	B14
20	WP029DLC	20mm	13mm	46.2mm	B16
	WP038-SP	20mm	13mm	51mm	B14
	WP052-SP	20mm	13mm	55mm	B14
	WP052DLC	20mm	13mm	55mm	B16
	WP061-SP	20mm	13mm	61mm	B14
	WP061DLC	20mm	13mm	61mm	B16
	WP065-SP	20mm	13mm	55mm	B14
	WP065DLC	20mm	13mm	55mm	B16



**PINS**

Ø	PIN	DIMENSIONS			PRICE CODE
		ØOD	ØID	L	
20	WP068-SP	20mm	13mm	51mm	B14
	WP068DLC	20mm	13mm	51mm	B16
	WP073-SP	20mm	13mm	46.2mm	B14
	WP073DLC	20mm	13mm	46.2mm	B16
	WP075-SP	20mm	13mm	49mm	B14
	WP076-SP	20mm	13mm	55mm	B14
	WP086-SP	20mm	13mm	61mm	B14
	WP108-SP	20mm	13mm	70mm	B14
	WP127-SP	20mm	13mm	55mm	B14
WP128-SP	20mm	13mm	61mm	B14	
20.117	WP020-SP	20.117mm	13mm	51mm	B14
	WP021-SP	20.117mm	13mm	56mm	B14
	WP093-SP	20.117mm	13mm	72mm	B14
	WP093DLC	20.117mm	13mm	72mm	B16
20.538	WP195-SP	20.538mm	13mm	55.5mm	B14
20.638	WP074-SP	20.638mm	13mm	49mm	B14
	WP095-SP	20.638mm	13mm	55.5mm	B14
	WP144-SP	20.638mm	14.3mm	55.5mm	B14
	WP174-SP	20.638mm	14.3mm	49mm	B14
	WP174DLC	20.638mm	14mm	49mm	B16
	WP013-SP	21mm	14mm	46mm	B14
	WP034-SP	21mm	14mm	55.5mm	B14
	WP051-SP	21mm	14mm	51mm	B14
	WP051DLC	21mm	14mm	51mm	B16
21	WP081-SP	21mm	14mm	61mm	B14
	WP092-SP	21mm	14mm	61mm	B14
	WP092DLC	21mm	14mm	61mm	B16
	WP132-SP	21mm	14mm	61mm	B14
	WP139-SP	21mm	14mm	55.5mm	B14
	WP009-SP	22mm	14mm	51mm	B14
	WP017-SP	22mm	14mm	55.2mm	B14
	WP017DLC	22mm	14mm	55.2mm	B16
	WP046-SP	22mm	14mm	63mm	B14
WP046DLC	22mm	15.7mm	63mm	B16	
22	WP055-SP	22mm	15.9mm	46mm	B14
	WP069-SP	22mm	15.9mm	63mm	B14
	WP077-SP	22mm	15.9mm	63mm	B14
	WP080-SP	22mm	15mm	61mm	B14
	WP097-SP	22mm	15mm	46mm	B14
	WP098-SP	22mm	15mm	51mm	B14
	WP116-SP	22mm	15mm	58mm	B14
	WP122-SP	22mm	16mm	63mm	B14
	WP125-SP	22mm	16mm	55.2mm	B14
	WP130-SP	22mm	16mm	55.2mm	B14

Ø	PIN	DIMENSIONS			PRICE CODE	
		ØOD	ØID	L		
22	WP136-SP	22mm	16mm	55.2mm	B14	
22.225	WP085-SP	22.225mm	16mm	63mm	B14	
22.5	WP120-SP	22.5mm	16mm	56.5mm	B14	
	WP008-SP	23mm	16mm	50.5mm	B14	
	WP008DLC	23mm	16mm	50.5mm	B16	
	WP024-SP	23mm	17mm	55.5mm	B14	
	WP047-SP	23mm	3mm	50.5mm	B14	
	WP082-SP	23mm	7mm	55.5mm	B14	
	WP094-SP	23mm	8mm	61mm	B14	
	WP094DLC	23mm	8mm	61mm	B16	
	WP126-SP	23mm	8mm	54mm	B14	
23	WP143DLC	23mm	8mm	61mm	B16	
	WP143-SP	23mm	8mm	61mm	B14	
	WP056-SP	23.546mm	8mm	56mm	B14	
	WP056DLC	23.546mm	8mm	56mm	B16	
	WP060-SP	23.546mm	8mm	51mm	B14	
	WP100-SP	23.546mm	8mm	57.15mm	B14	
	WP103-SP	23.546mm	9.2mm	57.785mm	B14	
	23.813	WP043-SP	23.813mm	9.2mm	63mm	B14
		WP022-SP	24mm	9mm	6.5mm	B14
		WP022DLC	24mm	9mm	6.5mm	B16
		WP023-SP	24mm	9mm	51mm	B14
WP057-SP		24mm	9mm	56mm	B14	
WP078-SP		24mm	9mm	68mm	B14	
WP121-SP		24mm	9mm	56mm	B14	
WP131-SP		24mm	9mm	68mm	B14	
WP137-SP		24mm	9mm	6.5mm	B14	
25	WP107-SP	25mm	9mm	63mm	B14	
26	WP104-SP	26mm	9mm	63mm	B14	



**RINGS**



DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
54mm	540XKS-3	1mm	0.8mm	2mm
54.5mm	545XKS-3	1mm	0.8mm	2mm
55mm	550XKS-3	1mm	0.8mm	2mm
57.5mm	575XKS-3	1mm	0.8mm	2mm
58mm	580XKS-3	1mm	0.8mm	2mm
58.5mm	585XKS-3	1mm	0.8mm	2mm
59mm	590XKS-3	1mm	0.8mm	2mm
60mm	600XKS-3	1mm	0.8mm	2mm
60.5mm	605XKS-3	1mm	0.8mm	2mm
61mm	610XKS-3	1mm	0.8mm	2mm
61.5mm	615XKS-3	1mm	0.8mm	2mm
62mm	620ADS-3	1mm	0.8mm	2mm
62.5mm	625XKS-3	1mm	0.8mm	2mm
63mm	630XKS-3	1mm	0.8mm	2mm
63.5mm	635XKS-3	1mm	0.8mm	2mm
65mm	650XKS-3	1mm	0.8mm	2mm
65.5mm	655XKS-3	1mm	0.8mm	2mm
66mm	660XKS-3	1mm	0.8mm	2mm
66.5mm	665XAS-3	0.8mm	0.8mm	1.5mm
66.5mm	665XKS-3	1mm	0.8mm	2mm
67mm	670XKS-3	1mm	0.8mm	2mm
67.5mm	675XKS-3	1mm	0.8mm	2mm
68mm	680XKS-3	1mm	0.8mm	2mm
68.5mm	685XKS-3	1mm	0.8mm	2mm
69mm	690XKS-3	1mm	0.8mm	2mm
69.5mm	695XKS-3	1mm	0.8mm	2mm
70mm	700XDS-3	1mm	1.2mm	2mm
70.5mm	705XDS-3	1mm	1.2mm	2mm
71mm	710XDS-3	1mm	1.2mm	2mm
71.5mm	715XDS-3	1mm	1.2mm	2mm
72mm	720XDS-3	1mm	1.2mm	2mm
72mm	720XPZ	1.5mm	1.2mm	2mm
72.5mm	725XDS-3	1mm	1.2mm	2mm
72.5mm	725XPZ	1.5mm	1.2mm	2mm
73mm	730XDS-3	1mm	1.2mm	2mm
73mm	730XPZ	1.5mm	1.2mm	2mm
73mm	730XTZ-3	1.5mm	1.2mm	2mm
73.5mm	735XDS-3	1mm	1.2mm	2mm
73.5mm	735XPZ	1.5mm	1.2mm	2mm
74mm	740XDS-3	1mm	1.2mm	2mm
74mm	740XPZ	1.5mm	1.2mm	2mm
74.5mm	745XDS-3	1mm	1.2mm	2mm
74.5mm	745XPZ	1.5mm	1.2mm	2mm
74.75mm	747XPZ	1.5mm	1.2mm	2mm
75mm	750XAS-3	0.8mm	0.8mm	1.5mm

DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
75mm	750XDS-3	1mm	1.2mm	2mm
75mm	750XPZ	1.5mm	1.2mm	2mm
75mm	750XTZ-3	1.5mm	1.2mm	2mm
75.5mm	755XDS-3	1mm	1.2mm	2mm
75.5mm	755XPZ	1.5mm	1.2mm	2mm
76mm	760XDS-3	1mm	1.2mm	2mm
76mm	760XPZ	1.5mm	1.2mm	2.5mm
76mm	760XPZ	1.5mm	1.2mm	2mm
76mm	760XTZ-3	1.5mm	1.2mm	2mm
76.5mm	765XDS-3	1mm	1.2mm	2mm
76.6mm	766XDS-3	1mm	1.2mm	2mm
76.6mm	766XTZ-3	1.5mm	1.2mm	2mm
77mm	770XDS-3	1mm	1.2mm	2mm
77mm	770XPZ	1.5mm	1.2mm	2mm
77.2mm	772XDS-3	1mm	1.2mm	2mm
77.25mm	772XPZ	1.5mm	1.2mm	2mm
77.5mm	775XDS-3	1mm	1.2mm	2mm
77.5mm	775XPZ	1.5mm	1.2mm	2mm
77.8mm	778XDS-3	1mm	1.2mm	2mm
78mm	780XDS-3	1mm	1.2mm	2mm
78mm	780XPZ	1.5mm	1.2mm	2mm
78.5mm	785XDS-3	1mm	1.2mm	2mm
78.5mm	785XPZ	1.5mm	1.2mm	2mm
78.7mm	787XDS-3	1mm	1.2mm	2mm
78.75mm	787XPZ	1.5mm	1.2mm	2mm
79mm	790XDS-3	1mm	1.2mm	2mm
79mm	790XPZ	1.5mm	1.2mm	2mm
79.25mm	7925XDS-3	1mm	1.2mm	2mm
79.5mm	795XDS-3	1mm	1.2mm	2mm
79.5mm	795XPZ	1.5mm	1.2mm	2mm
79.75mm	797XDS-3	1mm	1.2mm	2mm
79.75mm	797XPZ	1.5mm	1.2mm	2mm
80mm	800XDS-3	1mm	1.2mm	2mm
80mm	800XPZ	1.5mm	1.2mm	2mm
80.2mm	802XDS-3	1mm	1.2mm	2mm
80.5mm	805XDS-3	1mm	1.2mm	2mm
80.5mm	805XPZ	1.5mm	1.2mm	2mm
81mm	810XDS-3	1mm	1.2mm	2mm
81mm	810XPZ	1.5mm	1.2mm	2.5mm
81mm	810XPZ	1.5mm	1.2mm	2.5mm
81.5mm	815XDS-3	1mm	1.2mm	2mm
81.5mm	815XPZ	1.5mm	1.2mm	2.5mm
81.5mm	815XPZ	1.5mm	1.2mm	2.5mm
81.5mm	815XPZ	1.5mm	1.2mm	2mm



RINGS

DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
82mm	820XDS-3	1mm	1.2mm	2mm
82mm	820XSY-3	1mm	1.2mm	2.5mm
82mm	820XPY	1.5mm	1.2mm	2.5mm
82.5mm	825XSY-3	1mm	1.2mm	2.5mm
82.5mm	825XPY	1.5mm	1.2mm	2.5mm
82.7mm	827XDS-3	1mm	1.2mm	2mm
82.7mm	827XSY-3	1mm	1.2mm	2.5mm
82.75mm	827XPY	1.5mm	1.2mm	2.5mm
83mm	830XDS-3	1mm	1.2mm	2mm
83mm	830XSY-3	1mm	1.2mm	2.5mm
83mm	830XPY	1.5mm	1.2mm	2.5mm
83mm	830XPZ	1.5mm	1.2mm	2mm
83.5mm	835XSY-3	1mm	1.2mm	2.5mm
83.5mm	835XPY	1.5mm	1.2mm	2.5mm
84mm	840XDS-3	1mm	1.2mm	2mm
84mm	840XSY-3	1mm	1.2mm	2.5mm
84mm	840XPY	1.5mm	1.2mm	2.5mm
84.2mm	842XSY-3	1mm	1.2mm	2.5mm
84.25mm	842XPY	1.5mm	1.2mm	2.5mm
84.4mm	844XSY-3	1mm	1.2mm	2.5mm
84.5mm	845XSY-3	1mm	1.2mm	2.5mm
84.5mm	845XPY	1.5mm	1.2mm	2.5mm
84.6mm	846XSY-3	1mm	1.2mm	2.5mm
84.75mm	847XSY-3	1mm	1.2mm	2.5mm
84.75mm	847XPY	1.5mm	1.2mm	2.5mm
84.8mm	848XSY-3	1mm	1.2mm	2.5mm
85mm	850XDS-3	1mm	1.2mm	2mm
85mm	850XSY-3	1mm	1.2mm	2.5mm
85mm	850XPY	1.5mm	1.2mm	2.5mm
85mm	850XPZ	1.5mm	1.2mm	2mm
85.5mm	855XDS-3	1mm	1.2mm	2mm
85.5mm	855XSY-3	1mm	1.2mm	2.5mm
85.5mm	855XPY	1.5mm	1.2mm	2.5mm
86mm	860XDS-3	1mm	1.2mm	2mm
86mm	860XSY-3	1mm	1.2mm	2.5mm
86mm	860XPY	1.5mm	1.2mm	2.5mm
86.2mm	862XSY-3	1mm	1.2mm	2.5mm
86.25mm	862XPY	1.5mm	1.2mm	2.5mm
86.5mm	865XSY-3	1mm	1.2mm	2.5mm
86.5mm	865XPY	1.5mm	1.2mm	2.5mm
86.7mm	867XSY-3	1mm	1.2mm	2.5mm
87mm	870XDS-3	1mm	1.2mm	2mm
87mm	870XSY-3	1mm	1.2mm	2.5mm
87mm	870XPY	1.5mm	1.2mm	2.5mm
87.5mm	875XSY-3	1mm	1.2mm	2.5mm

DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
87.5mm	875XPY	1.5mm	1.2mm	2.5mm
88mm	880XSY-3-3	1mm	1.2mm	2.5mm
88mm	880XPY	1.5mm	1.2mm	2.5mm
88.5mm	885XSY-3	1mm	1.2mm	2.5mm
88.5mm	885XPY	1.5mm	1.2mm	2.5mm
89mm	890XSY-3	1mm	1.2mm	2.5mm
89mm	890XPY	1.5mm	1.2mm	2.5mm
89.25mm	892XSY-3	1mm	1.2mm	2.5mm
89.25mm	892XPY	1.5mm	1.2mm	2.5mm
89.5mm	895XSY-3	1mm	1.2mm	2.5mm
89.5mm	895XPY	1.5mm	1.2mm	2.5mm
89.7mm	897XSY-3	1mm	1.2mm	2.5mm
89.75mm	897XPY	1.5mm	1.2mm	2.5mm
90mm	900XDS-3	1mm	1.2mm	2mm
90mm	900XSY-3	1mm	1.2mm	2.5mm
90mm	900XPY	1.5mm	1.2mm	2.5mm
90.5mm	905XSY-3	1mm	1.2mm	2.5mm
90.5mm	905XPY	1.5mm	1.2mm	2.5mm
91mm	910XSY-3	1mm	1.2mm	2.5mm
91mm	910XSU-3	1.2mm	1.5mm	2.5mm
91mm	910XPY	1.5mm	1.2mm	2.5mm
91.2mm	912XSY-3	1mm	1.2mm	2.5mm
91.25mm	912XPY	1.5mm	1.2mm	2.5mm
91.5mm	915XSY-3	1mm	1.2mm	2.5mm
91.5mm	915XPY	1.5mm	1.2mm	2.5mm
91.75mm	917XSY-3	1mm	1.2mm	2.5mm
91.75mm	917XPY	1.5mm	1.2mm	2.5mm
92mm	920XDS-3	1mm	1.2mm	2mm
92mm	920XSY-3	1mm	1.2mm	2.5mm
92mm	920XPY	1.5mm	1.2mm	2.5mm
92.5mm	925XSY-3	1mm	1.2mm	2.5mm
92.5mm	925XPY	1.5mm	1.2mm	2.5mm
93mm	930XSY-3	1mm	1.2mm	2.5mm
93mm	930XPY	1.5mm	1.2mm	2.5mm
93.5mm	935XSY-3	1mm	1.2mm	2.5mm
93.5mm	935XPY	1.5mm	1.2mm	2.5mm
93.6mm	936XSY-3	1mm	1.2mm	2.5mm
93.8mm	938XSY-3	1mm	1.2mm	2.5mm
94mm	940XDS-3	1mm	1.2mm	2mm
94mm	940XSY-3	1mm	1.2mm	2.5mm
94mm	940XPY	1.5mm	1.2mm	2.5mm
94.2mm	942XSY-3	1mm	1.2mm	2.5mm
94.25mm	942XPY	1.5mm	1.2mm	2.5mm
94.5mm	945XSY-3	1mm	1.2mm	2.5mm
94.5mm	945XPY	1.5mm	1.2mm	2.5mm



RINGS

DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
95mm	950XDS-3	1mm	1.2mm	2mm
95mm	950XSY-3	1mm	1.2mm	2.5mm
95mm	950XPY	1.5mm	1.2mm	2.5mm
95.5mm	955XSY-3	1mm	1.2mm	2.5mm
95.5mm	955XPY	1.5mm	1.2mm	2.5mm
96mm	960XSY-3	1mm	1.2mm	2.5mm
96mm	960XPY	1.5mm	1.2mm	2.5mm
96.42mm	3796XSY-3	1mm	1.2mm	2.5mm
96.5mm	965XSY-3	1mm	1.2mm	2.5mm
96.5mm	965XPY	1.5mm	1.2mm	2.5mm
97mm	970XDS-3	1mm	1.2mm	2mm
97mm	970XSY-3	1mm	1.2mm	2.5mm
97mm	970XPY	1.5mm	1.2mm	2.5mm
97.25mm	972XSY-3	1mm	1.2mm	2.5mm
97.5mm	975XSY-3	1mm	1.2mm	2.5mm
98mm	980XSY-3	1mm	1.2mm	2.5mm
98mm	980XPY	1.5mm	1.2mm	2.5mm
98.5mm	985XSY-3	1mm	1.2mm	2.5mm
98.5mm	985XPY	1.5mm	1.2mm	2.5mm
98.75mm	987XPY	1.5mm	1.2mm	2.5mm
99mm	990XSY-3	1mm	1.2mm	2.5mm
99.2mm	992XSY-3	1mm	1.2mm	2.5mm
99.25mm	992XPY	1.5mm	1.2mm	2.5mm
99.5mm	995XSY-3	1mm	1.2mm	2.5mm
99.5mm	995XPY	1.5mm	1.2mm	2.5mm
99.75mm	997XSY-3	1mm	1.2mm	2.5mm
100mm	1000XDS-3	1mm	1.2mm	2mm
100mm	1000XSY-3	1mm	1.2mm	2.5mm
100mm	1000XPY	1.5mm	1.2mm	2.5mm
100.5mm	1005XSY-3	1mm	1.2mm	2.5mm
100.5mm	1005XPY	1.5mm	1.2mm	2.5mm
101mm	1010XSY-3	1mm	1.2mm	2.5mm
101mm	1010XPY	1.5mm	1.2mm	2.5mm
101.5mm	1015XSY-3	1mm	1.2mm	2.5mm
101.5mm	1015XPY	1.5mm	1.2mm	2.5mm
101.6mm	1016XSU-3	1.2mm	1.5mm	2.5mm
101.6mm	4000XSU-3	1.2mm	1.5mm	2.5mm
101.73mm	4005XSU-3	1.2mm	1.5mm	2.5mm
101.85mm	4010XSU-3	1.2mm	1.5mm	2.5mm
102mm	1020XSU-3	1.2mm	1.5mm	2.5mm
102.11mm	4020XSU-3	1.2mm	1.5mm	2.5mm
102.36mm	4030XSU-3	1.2mm	1.5mm	2.5mm
102.49mm	4035XSU-3	1.2mm	1.5mm	2.5mm
102.5mm	1025XSU-3	1.2mm	1.5mm	2.5mm
102.62mm	4040XSU-3	1.2mm	1.5mm	2.5mm

DIAMETER	PART NUMBER	TOP RING	2ND RING	OIL CONTROL
103mm	1030XSU-3	1.2mm	1.5mm	2.5mm
103.12mm	4060XSU-3	1.2mm	1.5mm	2.5mm
103.5mm	1035XSU-3	1.2mm	1.5mm	2.5mm
103.83mm	4070XSU-3	1.2mm	1.5mm	2.5mm
104mm	1040XSU-3	1.2mm	1.5mm	2.5mm
104.5mm	1045XSU-3	1.2mm	1.5mm	2.5mm
104.78mm	4125XSU-3	1.2mm	1.5mm	2.5mm
104.9mm	4130XSU-3	1.2mm	1.5mm	2.5mm
105mm	1050XSU-3	1.2mm	1.5mm	2.5mm
105.03mm	4135XSU-3	1.2mm	1.5mm	2.5mm
105.28mm	4145XSU-3	1.2mm	1.5mm	2.5mm
105.5mm	1055XSU-3	1.2mm	1.5mm	2.5mm
105.54mm	4155XSU-3	1.2mm	1.5mm	2.5mm
105.79mm	4165XSU-3	1.2mm	1.5mm	2.5mm
106mm	1060XSU-3	1.2mm	1.5mm	2.5mm
106.5mm	1065XSU-3	1.2mm	1.5mm	2.5mm



# GENERAL PISTON INSTALLATION GUIDELINES



**NOTE:** Piston installation guidelines are for general installation only. Always refer to the OEM service manual for critical engine data. When installation is not clear, contact your Wössner dealer or professional engine builder before proceeding.

## Piston to cylinder bore clearance

Your new Wössner piston is precision machined to a very specific skirt diameter for your engine application. Piston skirt diameters are measured at a location 90 degrees from the piston pin, at a low position on the skirt near the bottom of the piston.

Wössner performance coated pistons require no adjustments to nominal piston to wall dimensions. The coating is intended to wear into the cylinder wall, and no additional clearance

should be calculated for installation. Coating thickness can be .02-.025mm (.0007 - .0010") total build up to skirt diameter.

Pistons machined to a grade size are marked on the piston box and the piston crown, the grade size will determine the skirt diameter at the largest point prior to coating. Pistons not machined to a grade size, such as some catalog pistons and custom pistons, will include the piston to wall clearance with the packaging. As a general guideline, use the chart below for general fitment only:

BORE DIAMETER	NA	NA	FORCED INDUCTION	FORCED INDUCTION
MM	CLEARANCE MM	CLEARANCE INCHES	CLEARANCE MM	CLEARANCE INCHES
70.0	.074	.0029	.084	.0033
75.0	.078	.0030	.088	.0034
80.0	.081	.0031	.091	.0035
85.0	.085	.0033	.095	.0037
90.0	.089	.0035	.099	.0039
95.0	.093	.0036	.103	.0040
100.0	.097	.0038	.107	.0042

**NOTE:** Larger piston to wall clearances may cause piston noise on start up. As the engine temperature increases, piston noise should be reduced as it reaches operating temperature.

## Piston orientation

Your Wössner piston should be installed in the correct orientation. The piston crown may be marked with an arrow for exhaust location, a crown dimple for forward or accessory drive side location, or the valve pockets on four cycle applications will indicate proper orientation.

It is important to make certain that the piston be installed in the correct orientation, or engine damage may occur. Verify the piston orientation using the OEM service manual, or confirm with your Wössner dealer.

## Piston to valve clearance

Your Wössner four stroke piston was machined to exacting valve pocket dimensions. It is important to validate that the piston to valve clearance is correct, and this can be achieved using a mock-up assembly and modeling clay. Valve to piston clearance is normally checked at +/- 10 degrees from TDC:

VALVE	INTAKE	EXHAUST	INTAKE	EXHAUST
Distance	1.5 - 2.0mm	2.0 - 2.5mm	.060 + .080"	.080 - .098"

## Piston ring installation

Your Wössner piston is supplied with high performance piston rings that are specifically engineered for your engine application. It is important to inspect the piston ring end gap during installation, and make adjustment to the end gap if required.

Inspect the piston ring end gap in your cylinder, approximately 13mm (.500") down from the top of the

cylinder. Install one piston ring at a time, use the piston to assure the ring is flat and square to the cylinder bore. Ring gap can be measured using a feeler gage.

The chart below illustrates some typical ring end gap dimensions, based on general guidelines. To calculate the ring end gap, multiply the cylinder bore diameter in inches X the end gap mentioned on the chart:

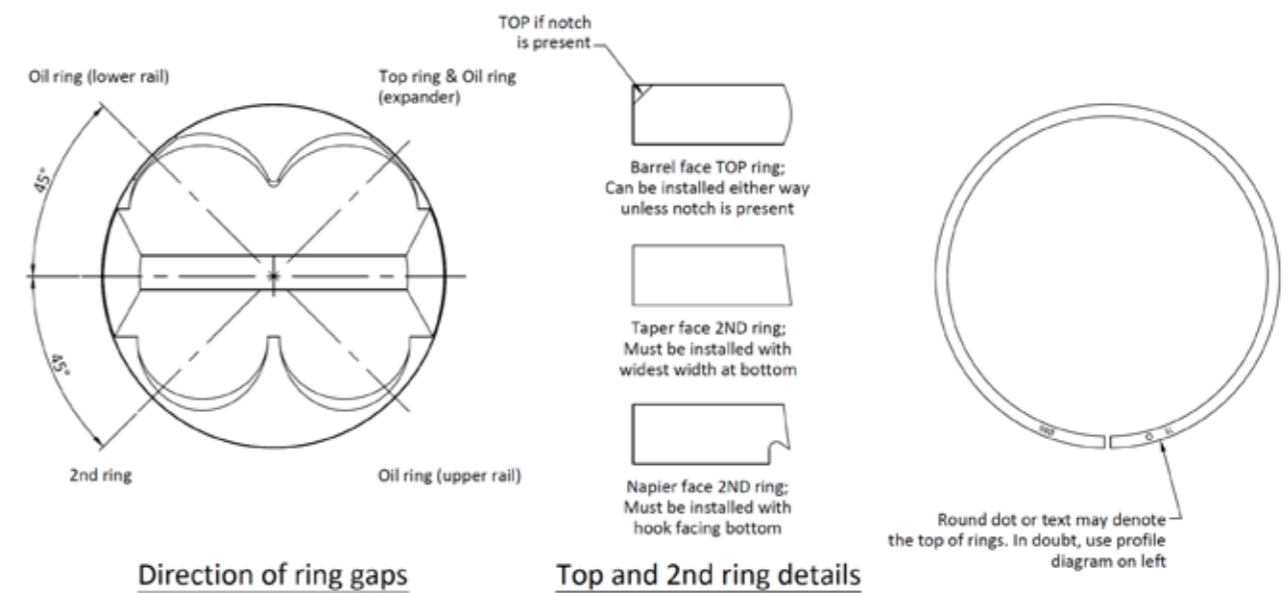
APPLICATION	TOP RING	SECOND RING
NA	.0040	.0050
NA RACING	.0045	.0055
FORCED INDUCTION	.0055	.0065

**NOTE:** Piston ring oil rails should be a minimum gap of .35 - 1.0mm (.014 - .040").

**NOTE:** Three piece oil ring separators should be installed with the ends butted only, and not overlapped.

**NOTE:** Two piece oil rings require that the coil expander gap is located opposite of the rail end gap.

**NOTE:** Top and second ring axial clearance should be between .03 - .04mm (.0011 - .0015").



Wössner high performance pistons and rings require a break in period. It is best to follow OEM guidelines for break in. Synthetic oils are not recommended for break in, as these oil types may prevent the piston rings from properly wearing into the cylinder wall.

**TERMS AND CONDITIONS:** Due to the nature of high performance and racing applications, Wössner components are sold without express warranty or any implied warranty of merchantability or fitness for a specific purpose. Wössner shall not, under any circumstances, be liable for any specific, incidental or consequential damages, including, but not limited to, damage, or loss of property or equipment, loss of profits or revenue(s), cost of purchased or replacement goods, or claims of customers of the purpose, which may arise and/or shall result from sale, installation or use of these parts. Installation of these parts may void vehicle manufacturers warranty coverage and/or may cause the vehicle to be illegal in some countries. Please check with local laws on the road use of your vehicle. Wössner reserves the right to make product improvements and changes without incurring liability with respect to similar products previously manufactured. By using these parts you are accepting these terms and conditions.

# CONNECTING ROD INSTALLATION GUIDELINES



**NOTE:** The guidelines below are not a substitute for a professional engine builders experience with particular applications. Always seek advice from a professional engine builder if in doubt.

The following guidelines are for those who have purchased the PEC H-Beam or PEC Racing connecting rods.

## General Guidelines

- Before use the connecting rods should be checked that they are correct for your application. This means checking that critical dimensions are correct. Note that some dimensions may be different to the OEM connecting rod depending on piston application.
- Before removing the rod end caps, please mark their orientation and number the rods according to the number of cylinders (IE 1-4, 1-5 etc). Failure to do so and incorrect installation of rod end caps is the number one cause of the rods failing to freely rotate on the crank shaft. Should the caps be mixed up either through orientation or the swapping of end caps between rods, there may be a charge of £100+vat from ourselves to correctly re-align them.
- The fit of the pin in the small end should be checked. Although the small end is honed to suit most makes of pin there may be some that are too tight e.g. coated pins. In these cases the small end should be honed to suit your pins. Clearances are typically 0.0005 to 0.00075 x nominal pin diameter. Clearance should be no more than 0.02mm (0.0008").
- The connecting rods are balanced end to end to a tolerance of +/- 2 grams across the set. This tolerance has been found to be a good compromise between cost and what is required for a fast road or mild competition engine. If more accurate balancing is required please contact P.E.C for more information. All machining tolerances are to OEM specifications.
- After all checks and any balancing/machining operations have been carried out the connecting rods should be checked over for burrs. These should be removed with a suitable de-burring tool or small file. It is also worthwhile removing the sharp edge at the cap joints with a small needle file or stone. This is to prevent shaving any material off the back of the bearings during installation.
- The connecting rods should be thoroughly cleaned of all debris, swarf, burrs, etc. and protective oils. Pay particular attention to the bolt threads. Any debris left in the threads will affect the tightening of the bolts. After cleaning, coat the side of the connecting rod big end with layout dye and scribe the cylinder numbers on both the rod and caps to prevent the caps getting mixed up.

- Always note the original bolt lengths on the table overleaf to check their suitability for reuse during engine rebuild.
- Before installation fit the piston onto the connecting rod and check there is sufficient clearance between the small end and the piston underside for full movement. On some pistons it may be necessary to modify the piston underside to gain full movement. During engine assembly the bearings should be installed in a clean and dry big end bore. Clean oil or assembly lube should only be applied to the bearing surface or crank pin before assembly. Make sure everything is clean: foreign debris is the biggest cause of bearing failure in rebuilt engines. A dummy build of the short block should be carried out to check that the crankshaft, connecting rods and pistons all move correctly. On some engines it may be necessary to machine clearance notches in the block for the connecting rod big ends.
- Liberally coat the bolt thread and bolt under head area with the supplied lubricant.
- Tighten bolts in one gradual pull. Do not tighten in steps.
- P.E.C always recommends using a stretch gauge to tighten connecting rod bolts.

### 3/8" x 1.5" UHL ARP2000 Bolts

Stretch 0.0055" – 0.0060" (0.1397mm – 0.1524mm)

Torque 55lb-ft with ARP Ultra-Torque Assembly Lube

### 5/16" x 1.5" UHL ARP2000 Bolts

Stretch 0.0050" – 0.0055" (0.1270mm – 0.1397mm)

Torque 30lb-ft with ARP Ultra-Torque Assembly Lube

**Please note that if a blister pack of bolts has been supplied with the connecting rods the enclosed washers should not be used.**

## Rebuild Time

During engine rebuild measure the uninstalled length of the bolts and compare to the original lengths. If the bolt has elongated by more than 0.001" (0.0254mm) replace bolt before fitment. It is recommended to immediately grind a flat on the threads of the over stretched bolts to prevent accidental reuse.

BOLT #	ORIGINAL LENGTH (INCHES)	REQUIRED STRETCH (INCHES)	REQUIRED STRETCHED LENGTH (INCHES)	RECORDED TORQUE VALUE (LB-FT)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

TERMS & CONDITIONS: Due to the nature of high-performance and racing applications, PEC & Wössner parts are sold without any express warranty or any implied warranty of merchantability or fitness for a particular purpose. PEC & Wössner shall not, under any circumstances, be liable for any special, incidental or consequential damages, including, but not limited to, damage, or loss of property or equipment, loss of profits or revenue(s), cost of purchased or replacement goods, or claims of customers of the purchase, which may arise and/or result from sale, installation or use of these parts. Installation of these parts may void vehicle manufacturers warranty coverage and/or may cause the vehicle to be illegal in some countries. Please check with local laws on the road use of your vehicle. PEC & Wössner reserve the right to make product improvements and changes without notice and without incurring liability with respect to similar products previously manufactured. By using these parts you are accepting these terms and conditions.

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# PVD TOP RINGS - TURBO APPLICATIONS

Wössner are now utilising a new kind of top piston ring that has been treated with a process called Physical Vapour Deposition, or PVD for short. PVD treated rings offer the following benefits:

- A harder surface finish for the rings increasing durability.
- A better tension on the top ring without having to increase thickness.
- Exceptional scuff and wear resistance extending service life.
- PVD coating reduces friction while adding hardness and toughness.
- Included on all Wössner piston kits where noted at no extra cost.\*

\*Ring packs ending in XPY.



## TERMS & CONDITIONS

### 1. General

The following conditions apply exclusively to our offers, deliveries, repair and other services. Differing terms of the customer, which we do not recognize exclusively in writing, are not binding for us, even if we do not expressly contradict you.

### 2. Contract conclusion and content

2.1 We reserve the right to accept contractual offers for a period of three weeks. Our offers are free.

2.2 Subsequent agreements, reservations, amendments or additions to this contract require their written form to be effective.

### 3. Prices and terms of payment

3.1 Our prices are exclusive of packaging and shipping. If the costs for our calculation are increased between contract conclusion and delivery, we are entitled to a reasonable price increase against merchants. This applies to non-merchants only if there is more than four months between contract conclusion and delivery and if the price agreed with the customer does not increase by more than 3%.

3.2 A cost estimate is only binding if it has been issued in writing. If no quotation is submitted to a quotation, we are entitled to charge the customer a reasonable remuneration for our work.

3.3 Payments are due within one week after the invoice has been issued and must be paid in German currency without any deduction.

3.4 When dispatching the goods, we reserve the right to deliver against advance payment or cash on delivery.

3.5 If we have several outstanding receivables against the customer, his payments will be charged in accordance with §§ 367 para. 1, 366 para 2 BGS.

3.6 In the event of a delay in payment, we shall be entitled to demand default interest at the rate of 2% above the discount rate of the Deutsche Bundesbank without prejudice to the assertion of further damage.

### 4. Delivery times and dates

4.1 Delivery times and working times are only binding if they have been agreed in writing.

4.2 If we fail to meet a bindingly agreed delivery date, the customer is entitled to set us an appropriate, at least three-week grace period with refusal to refuse acceptance. The customer can only withdraw from the contract after the expiry of this period. Cancellation and withdrawal notice must be made in writing.

4.3 Unauthorized performance such as force majeure, labor disputes, material supply difficulties, official interventions, etc. – even if they occur with our suppliers – lead to a reasonable extension of the delivery period. If the performance becomes impossible or unacceptable due to such obstacles, both parties may withdraw from the contract in writing. A claim for damages from the customer is excluded in such cases.

### 5. Transfer of risk and dispatch

5.1 When the goods are dispatched, the risk passes to the customer as soon as the goods have been handed over to the transporter or have left our company for dispatch. If the dispatch of the goods to be dispatched is delayed for reasons beyond our control, the risk passes to the customer with the indication of readiness for dispatch. Insurance of the goods to be shipped against transport damage is only made by means of special agreements and at the expense of the customer.

5.2 In the case of shipments to us, the customer bears the risk of transport.

### 6. Retention of title

6.1 The delivered goods remain our property up to their full payment as well as up to the complete settlement of all our existing, in the case of transactions with Dealers also all future arising demands against the customer.

6.2 If our property is subject to the reserved goods as a result of processing, the co-ownership shall be acquired in the new case in the proportion of the value of the reserved goods to the value of the third-party goods used.

6.3 The customer is entitled to resell the reserved goods in the ordinary course of business. In this case, he assigns to us all claims resulting from the resale. We will release these claims at the customer's request insofar as they exceed our claims against the customer by more than 20%.

### 7. Right of revocation and revocation

Consumption have the following right of revocation:

#### Cancellation

#### Withdrawal

You have the right to revoke this agreement within a period of fourteen days without giving reasons.

The period of revocation shall be fourteen days from the date on which you or a third party you designate, which is not the carrier, has or has taken possession of the goods.

To exercise your right of revocation, you must:

Wössner GmbH  
Konrad-Zuse-Strasse 2  
D- 79576 Weil am Rhein

Phone. +49 (0)7621 – 956649 – 0  
Fax +49 (0)7621 – 956649 – 25

info@woessner-kolben.de

by means of a clear statement (for example, a letter, fax or e-mail sent by mail) about your decision to revoke this contract. You can use the enclosed sample revocation form, but this is not required.

In order to keep the revocation period, it is sufficient that you send the notification of the exercise of the right of revocation before the end of the revocation period.

### Consequences of revocation

If you revoke this agreement, we will pay you all the payments we have received from you, including the delivery costs (except for the additional costs resulting from the fact that you have chosen a different type of delivery than the most favourable standard delivery offered by us) within a period of fourteen days from the date on which the notice of revocation of this contract has been received by us. For such repayment, we will use the same means of payment as you have used in the original transaction, unless you have expressly agreed otherwise; in no case will you be charged for these repayment fees. We may refuse repayment until we have returned the goods or until you have proved that you have returned the goods, whichever is earlier.

You must return the goods to us immediately or in any case no later than fourteen days from the date on which you inform us of the revocation of this contract. The deadline is respected if you send the goods before the end of the period of 14 days. We bear the cost of returning the goods. They shall only be liable for any loss in value of the goods if this loss of value is attributable to the handling of the goods which is not necessary to check the quality, characteristics and functioning of the goods.

For returns please use the following address:

Wössner GmbH  
Konrad-Zuse-Strasse 2  
D- 79576 Weil am Rhein

Phone. +49 (0)7621 – 956649 – 0  
Fax +49 (0)7621 – 956649 – 25

info@woessner-kolben.de

You may make use of your return authorization if the following points are met:

- The product is in the original packaging and is in the same condition as it was shipped with its original label.
- The article is complete.

### 8. Warranty

8.1 Obviously defective or incomplete goods shall be reported by the customer without delay. The complaint must be received by us no later than 7 days after receipt of the goods. The further obligation to investigate and notify commercial customers is governed by statutory provisions. Any complaint about the goods shall be made in writing, accompanied by a copy of the invoice.

8.2 No complaint shall be deemed to constitute partial services designated as such, to which we are entitled to a reasonable extent. No defects are deviations from the agreed upon or from the advertisements or catalogues of the goods, which leave the fitness for the usual or contractual purpose untouched or improved. We reserve the right to make amendments to the listed specifications without notification.

8.3 Our engine, tuning and other accessories are mainly supplied without TÜV-certificate and are only intended for racing purposes. The admissibility of their use on public roads is not part of the contractual nature.

8.4 The warranty for delivered goods is, at our option, limited to rework or replacement delivery. In the case of failure of the repair or replacement delivery, the customer may, at his option, demand a reduction of the remuneration or cancellation of the contract. We are entitled to at least two rectification attempts.

8.5 If the defect that occurs is due to improper handling, repair attempts, damage or other changes of the goods by the customer or third parties, there is no warranty obligation. In particular, any warranty claims on the part of the customer are void if the installation instructions enclosed with the goods are not strictly adhered to.

8.6 In the case of commissioned work according to the customer's requirements, we only guarantee for proper execution of the workmanship. The customer bears the risk of technically caused malfunction or durability.

8.7 If we find in the case of a complaint that we are not subject to warranty, we can demand reasonable remuneration from the customer for incurred material and time expenditures.

8.8 The warranty period is six months.

### 9. Liability

9.1 Contractual pre-contractual and non-compliant claims for damages with the exception of claims for lack of assured characteristics are excluded, as long as we have not caused the damage deliberately or grossly negligently.

9.2 In the absence of assured characteristics, we shall not be liable for consequential damages, unless the warranty should be protected just before the occurrence of such consequential damage.

9.3 In addition, our liability to merchants for the reasonably foreseeable, contract-typical average damages up to ten times the purchase price b.z.w. If the customer has not informed us in writing of any extraordinary damage risks before conclusion of the contract and we have declared in writing the assumption of these risks.

9.4 We shall not be liable for damages resulting from non-compliance with the installation instructions (clause 7.5) or compliance with customer specifications (clause 7.6).

### 10. Final provisions

10.1 The place of performance is 79576 Weil am Rhein. In the case of transactions involving full-time purchasers, legal persons of public law or public special funds, the court of jurisdiction for all disputes arising in connection with this contract is 79576 Weil. The same shall apply if the client's domicile or habitual residence is unknown at the time the complaint is lodged,

Foreign countries.

10.2 This contract is governed by German and UK law. ECG and UN purchase rights do not apply.

10.3 Should individual parts of this contract be or become invalid, this does not affect the validity of the remaining contract.



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