



# APS Automotive Enterprises Co., Ltd.

A2, 2ND Floor, Main Building, 33 Changhong Road, Modern Logistics Park, Xiamen, China 361006  
 Tel: 86-592-5619 592 86-592-2620 070 Fax: 86-592-5610884 E-mail: aa@aaps.cn / karl@cps.cn  
<http://www.apspart.com> <http://apsparts.en.alibaba.com/index.html>

## Type 1 Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar (C)	Outside (B)	Collar height (H)	Stroke	Compr. Height	Diam.	Length
VW8550T1	$\varnothing 93.8_{-0.159}^{-0.072}$	$\varnothing 89.8_{-0.159}^{-0.072}$	$112.55_0^{+0.087}$	69	39.5	$22_{-0.002}^{+0}$	$72_{-0.2}^{+0}$
VW8700T1	$\varnothing 93.7_{-0.159}^{-0.073}$	$\varnothing 89.73_{-0.159}^{-0.072}$	$112.55_0^{+0.087}$	69	39.5	$22_{-0.002}^{+0}$	$72_{-0.2}^{+0}$
VW8800T1	$\varnothing 94_{-0.1}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.1}$	$112.5_0^{+0.05}$	69	39.5	$22_{-0.002}^{+0}$	$72_{-0.2}^{+0}$
VW8800T1K	$\varnothing 98_{-0.159}^{-0.072}$	$\varnothing 90_{-0.159}^{-0.072}$	$112.5_0^{+0.05}$	69	39.5	$22_{-0.002}^{+0}$	$72_{-0.2}^{+0}$
VW9050T1	$\varnothing 98_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$112.5_0^{+0.087}$	69	39.7	$22_{-0.001}^{+0.001}$	$75_{-0.2}^{+0}$
VW9050T1S	$\varnothing 98_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$112.5_0^{+0.087}$	82	35.0	$22_{-0.004}^{-0.002}$	$63.3_{-0.2}^{+0}$
VW9200T1	$\varnothing 98_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$112.5_0^{+0.087}$	69	39.7	$22_{-0.001}^{+0.001}$	$75_{-0.2}^{+0}$
VW9200T1S	$\varnothing 98_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$112.5_0^{+0.087}$	82	35.0	$22_{-0.004}^{-0.002}$	$63.3_{-0.2}^{+0}$
VW9200T1M	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$112.5_0^{+0.05}$	69	39.7	$22_{-0.001}^{+0.001}$	$75_{-0.2}^{+0}$
VW9200T1MS	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$112.5_0^{+0.05}$	82	35.0	$22_{-0.004}^{-0.002}$	$63.3_{-0.2}^{+0}$
VW9200T1ML	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$112.5_0^{+0.05}$	N/A	N/A	N/A	N/A
VW9200T1K	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$114_{-0.087}^0$	69	39.7	$22_{-0.001}^{+0.001}$	$75_{-0.2}^{+0}$
VW9200T1KS	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$114_{-0.087}^0$	82	35.0	$22_{-0.004}^{-0.002}$	$63.3_{-0.2}^{+0}$
VW9200T1KL	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 96_{-0.159}^{-0.072}$	$114_{-0.087}^0$	N/A	N/A	N/A	N/A
VW9400T1	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$114_{-0.05}^0$	69	39.6	$22_{-0.004}^{-0.002}$	$75_{-0.2}^{+0}$
VW9400T1S	$\varnothing 101_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$114_{-0.05}^0$	82	35.0	$22_{-0.004}^{-0.002}$	$63.3_{-0.2}^{+0}$
VW9400T1SS	$\varnothing 101.4_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$134.8_{-0.087}^0$	N/A	N/A	N/A	N/A
VW9400T1SL	$\varnothing 101.4_{-0.159}^{-0.072}$	$\varnothing 97.4_{-0.159}^{-0.072}$	$134.8_{-0.087}^0$	N/A	N/A	N/A	N/A
VW94T1K	$\varnothing 104.15_{-0.159}^{-0.072}$	$\varnothing 98.4_{-0.159}^{-0.072}$	$134.75_{-0.05}^0$	N/A	N/A	N/A	N/A
VW95T1K	$\varnothing 104.15_{-0.159}^{-0.072}$	$\varnothing 98.4_{-0.159}^{-0.072}$	$134.75_{-0.05}^0$	N/A	N/A	N/A	N/A

### Type 4 Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar (C)	Outside (B)	Collar height (H)	Stroke	Compr. Height	Diam.	Length
VW9000T4E	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	66.0	42.0	$24_{-0.002}^{+0}$	$78_{-0.2}^{+0}$
VW9000T4F	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	66.0	42.0	$24_{-0.002}^{+0}$	$78_{-0.2}^{+0}$
VW9300T4	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	66.0	42.0	$24_{-0.002}^{+0}$	$78_{-0.2}^{+0}$
VW9400T4	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	71.0	35.5	$24_{-0.002}^{+0}$	$78_{-0.2}^{+0}$
VW9400T4E	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	71	35.0	$24_{+0.002}^{+0.008}$	$70_{-0.2}^{+0}$
VW9500T4S71	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	N/A	N/A	N/A	N/A
VW9600T4S71	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.8_0^{+0.05}$	71	35.0	$24_{+0.002}^{+0.008}$	$70_{-0.2}^{+0}$
VW9600T4S66	$\varnothing 105_{-0.159}^{-0.072}$	$\varnothing 99.8_{-0.15}^{-0.05}$	$91.8_0^{+0.05}$	N/A	N/A	N/A	N/A
VW9600T4B66	$\varnothing 105_{-0.159}^{-0.072}$	$\varnothing 99.8_{-0.15}^{-0.05}$	$91.8_0^{+0.05}$	N/A	N/A	N/A	N/A
VW9600T4B71	$\varnothing 105_{-0.159}^{-0.072}$	$\varnothing 99.8_{-0.15}^{-0.05}$	$91.8_0^{+0.05}$	N/A	N/A	N/A	N/A
VW9800T4BL	$\varnothing 105_{-0.159}^{-0.072}$	$\varnothing 104_{-0.159}^{-0.072}$	$94.3_0^{+0.05}$	N/A	N/A	N/A	N/A
VW103T4S71	$\varnothing 108.5_{-0.159}^{-0.072}$	$\varnothing 115_{-0.159}^{-0.072}$	$93.5_{-0.05}^0$	71	34.56	$24_{+0.002}^{+0.008}$	$70_{-0.2}^{+0}$
VW104T4S71	$\varnothing 108.5_{-0.159}^{-0.072}$	$\varnothing 115_{-0.159}^{-0.072}$	$93.5_{-0.05}^0$	71	34.56	$24_{+0.002}^{+0.008}$	$70_{-0.2}^{+0}$
.....							

### Water Cooled Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar (C)	Outside (B)	Collar height (H)	Stroke	Compr. Height	Diam.	Length
VW94WB1900	$100_{-0.05}^0$	$106.4_{-0.08}^0$	$96.6_{-0.05}^{+0}$		36.8	$24_{0}^{+0.006}$	$65_{-0.2}^{+0}$
VW94WB2100	$100_{-0.05}^0$	$106.4_{-0.08}^0$	$96.6_{-0.05}^{+0}$				
VW9550WB1900	$100_{-0.05}^0$	$106.4_{-0.08}^0$	$96.6_{-0.05}^{+0}$				
VW9550WB2200	$100_{-0.05}^0$	$106.4_{-0.08}^0$	$96.6_{-0.05}^{+0}$				

## Steel Billet Racing Cylinders

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar (C)	Outside (B)	Collar height (H)	Stroke	Compr. Height	Diam.	Length
VW94LR	101.35 <sup>-0.072</sup> <sub>-0.159</sub>	97.28 <sup>-0.072</sup> <sub>-0.159</sub>	96.6 <sup>+0</sup> <sub>-0.05</sub>	N/A	N/A	N/A	N/A
VW94LRB	104.14 <sup>-0.072</sup> <sub>-0.159</sub>	97.28 <sup>-0.072</sup> <sub>-0.159</sub>	96.6 <sup>+0</sup> <sub>-0.05</sub>	N/A	N/A	N/A	N/A
VW96LR	104.14 <sup>-0.072</sup> <sub>-0.159</sub>	99.06 <sup>-0.072</sup> <sub>-0.159</sub>	134.75 <sup>0</sup> <sub>-0.05</sub>	N/A	N/A	N/A	N/A
VW967LRS	104.14 <sup>-0.072</sup> <sub>-0.159</sub>	99.06 <sup>-0.072</sup> <sub>-0.159</sub>	134.75 <sup>0</sup> <sub>-0.05</sub>	N/A	N/A	N/A	N/A

## Porsche 914 Piston Cylinder Kits

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar (C)	Outside (B)	Collar height (H)	Stroke	Compr. Height	Diam.	Length
VW103T4S71	∅ 108.5 <sup>-0.072</sup> <sub>-0.159</sub>	∅ 115 <sup>-0.072</sup> <sub>-0.159</sub>	93.5 <sup>0</sup> <sub>-0.05</sub>	71	34.56	24 <sup>+0.008</sup> <sub>+0.002</sub>	70 <sup>+0</sup> <sub>-0.2</sub>
VW104T4S71	∅ 108.5 <sup>-0.072</sup> <sub>-0.159</sub>	∅ 115 <sup>-0.072</sup> <sub>-0.159</sub>	93.5 <sup>0</sup> <sub>-0.05</sub>	71	34.56	24 <sup>+0.008</sup> <sub>+0.002</sub>	70 <sup>+0</sup> <sub>-0.2</sub>
VW9000T4	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	66.0	42.0	24 <sup>+0</sup> <sub>-0.002</sub>	78 <sup>+0</sup> <sub>-0.2</sub>
VW9000T4E	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	66.0	42.0	24 <sup>+0</sup> <sub>-0.002</sub>	78 <sup>+0</sup> <sub>-0.2</sub>
VW9300T4	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	66.0	42.0	24 <sup>+0</sup> <sub>-0.002</sub>	78 <sup>+0</sup> <sub>-0.2</sub>
VW9400T4	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	71.0	35.5	24 <sup>+0</sup> <sub>-0.002</sub>	78 <sup>+0</sup> <sub>-0.2</sub>
VW9400T4S71E	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	71	35.0	24 <sup>+0.008</sup> <sub>+0.002</sub>	70 <sup>+0</sup> <sub>-0.2</sub>
VW9500T4S71	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.45 <sup>+0.05</sup> <sub>0</sub>	N/A	N/A	N/A	N/A
VW9600T4S71	∅ 99.6 <sup>-0.087</sup> <sub>-0.159</sub>	∅ 100 <sup>-0.072</sup> <sub>-0.159</sub>	91.8 <sup>+0.05</sup> <sub>0</sub>	71	35.0	24 <sup>+0.008</sup> <sub>+0.002</sub>	70 <sup>+0</sup> <sub>-0.2</sub>
VW9600T4S66	∅ 105 <sup>-0.072</sup> <sub>-0.159</sub>	∅ 99.8 <sup>-0.05</sup> <sub>-0.15</sub>	91.8 <sup>+0.05</sup> <sub>0</sub>	N/A	N/A	N/A	N/A
VW9600T4B71	∅ 105 <sup>-0.072</sup> <sub>-0.159</sub>	∅ 99.8 <sup>-0.05</sup> <sub>-0.15</sub>	91.8 <sup>+0.05</sup> <sub>0</sub>	N/A	N/A	N/A	N/A
VW9600T4B66	∅ 105 <sup>-0.072</sup> <sub>-0.159</sub>	∅ 99.8 <sup>-0.05</sup> <sub>-0.15</sub>	91.8 <sup>+0.05</sup> <sub>0</sub>	N/A	N/A	N/A	N/A

### Porsche 356 Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar(C)	Outside(B)	Collar height(H)	Stroke	Compr. Height	Diam.	Length
008 11 82P JE	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	N/A	N/A	N/A	N/A
008 11 83P JE	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	N/A	N/A	N/A	N/A
008 11 84S	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	N/A	N/A	N/A	N/A
008 11 86PB JE	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$		27	$22_{-0.004}^{-0.002}$	$68.5_{-0.2}^{+0}$
008 11 86PS	$\varnothing 92_{-0.159}^{-0.072}$	$\varnothing 90_{-0.159}^{-0.072}$	$101_0^{+0.05}$		27	$22_{-0.005}^{-0.002}$	$68.5_{-0.3}^{+0}$

### Porsche 911 Cylinder Only

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar(C)	Outside(B)	Collar height(H)	Stroke	Compr. Height	Diam.	Length
008 911 825EL	$88_{-0.1}^0$	$92_{-0.25}^{-0.1}$	$85.45_0^{+0.45}$	N/A	N/A	N/A	N/A
008 911 84L	$107_{-0.1}^0$	$92_{-0.25}^{-0.1}$	$85.45_0^{+0.05}$	N/A	N/A	N/A	N/A
008 911 86L	$107_{-0.1}^0$	$92_{-0.25}^{-0.1}$	$85.45_0^{+0.05}$	N/A	N/A	N/A	N/A

### Porsche 911 Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar(C)	Outside(B)	Collar height(H)	Stroke	Compr. Height	Diam.	Length
008 911 84S JE	$107_{-0.1}^0$	$92_{-0.25}^{-0.1}$	$85.45_0^{+0.05}$	N/A	N/A	N/A	N/A

### Porsche 912 Cylinder Kits & Pistons

APS P/N	Cylinder (mm)			Piston (mm)		Pin (mm)	
	Collar(C)	Outside(B)	Collar height(H)	Stroke	Compr. Height	Diam.	Length
008 11 83P JE	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	N/A	N/A	N/A	N/A
008 11 84S	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	N/A	N/A	N/A	N/A
008 11 86PB	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	74	27	$22_{-0.004}^{-0.002}$	$68.5_{-0.2}^{+0}$
008 11 86P JE	$\varnothing 92_{-0.15}^{-0.05}$	$\varnothing 90_{-0.15}^{-0.05}$	$101_0^{+0.05}$	74	27	$22_{-0.005}^{-0.002}$	$68.5_{-0.3}^{+0}$
VW9400T4	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	71.0	35.5	$24_{-0.002}^{+0}$	$78_{-0.2}^{+0}$
VW9400T4S71E	$\varnothing 99.6_{-0.159}^{-0.087}$	$\varnothing 100_{-0.159}^{-0.072}$	$91.45_0^{+0.05}$	71	35.0	$24_{+0.002}^{+0.008}$	$70_{-0.2}^{+0}$
008 11 86PS	$\varnothing 92_{-0.159}^{-0.072}$	$\varnothing 90_{-0.159}^{-0.072}$	$101_0^{+0.05}$		27	$22_{-0.005}^{-0.002}$	$68.5_{-0.3}^{+0}$