

**PC 2000 PARTS/SERVICE INFORMATION**

**Duncan Racing is the proprietary manufacture of the famed PC2000 2-Stroke Power Valve Cylinder for the Honda ATC/TRX 250 1985-89 models machines**

**CYLINDER EVALUATION:** DR offers a FREE cylinder evaluation at No Charge on all PC 2000 Cylinders. Ship your cylinder to DR for inspection (please include all parts to cylinder; cylinder, head, piston, power valve etc. If service is recommended DR will give client upfront estimate. If client declines work or does not require, customer pays all shipping and handling cost to get parts returned.

**CYLINDER VERSIONS:** 2-PC Versions were manufactured:

Version 1 available in 265cc and 275cc NIKASIL coated, 300cc with steel sleeve (bolts on stock cases)

Version 2 available in 265cc and 275cc NIKASIL COATED (bolts on stock cases)

305cc and 340cc NIKASIL COATED (center case machining required)

**IDENTIFICATION:** ID numbers are stamped in cylinders on right side just above base gasket. PC + 5 digit # on Intake Side, Letter + 3 digits on Exhaust Side. Please have these numbers if inquiring about cylinders.

**SERVICE:** DR offers a PC Cylinder Service for \$95 a fee; Service Includes: piston-cylinder measurement, cylinder disassembly, cleaning, honing, power valve cleaning and reassemble.

Service Price + any parts required and does not include taking cylinder on and off engine

**REPAIR:** DR can repair/replate most cylinders; General base price for Cylinder Strip-Skim Bore-Replate is \$295 + parts. Must use NEW PISTON when replating.

\* Note whenever aluminum cylinders are replated, the pours in the cylinders will open up and increase in size, making cylinders more porous. This is unavoidable due to the chemical reaction from acid bath required to prepare cylinders for the replating process.

**DOMES:** DR stocks many size PC 2000 domes and can custom machine a dome if necessary for almost any application

**O-RINGS:** DR stocks all o-rings for thread PC Cylinders. Some o-rings on cylinder may be reused during cylinder service and rebuilds. But DR advises to NOT REUSE cylinder to head o-rings.

**PISTONS:** DR stocks pistons for all models PC 2000 cylinders. All DR PC pistons have been modified for maximum performance and cylinder/piston reliability. Damage can/may occur by installing incorrect or unmodified piston in PC cylinder

DR Recommends reading TECH SHEET [PC 2000 POWER CYLINDER GENERAL INFO](#) for more specific information pertaining to installing and using PC 2000 cylinders.

\* Following is a list of common replacement parts and some product photos to assist in the ID process.



**REPLACEMENT PARTS**

<b>Part#</b>	<b>Description</b>	<b>Price</b>	<b>Part#</b>	<b>Description</b>	<b>Price</b>
#PC-20137	Clip; Top Cap Cover	9.50	#PC-20120	Water Fitting O-Ring	2.10
#PC-20138	Screw: Adjust Top Cap	12.95	#PC-20125	Cylinder/Head O-Ring Kit '00 Model 265/275	25.00
#PC-20139	Ex Valve Top	27.50	#PC-20130	Cylinder/Head O-Ring Kit '00 Model 300	25.00
#PC-20140	Diaphragm	32.50	#PC-20146	Valve Holder O-Ring	2.25
#PC-20141	Spring/Compression	12.57	#PC-20148	Valve O-Ring '00	.90
#PC-20142	Spring/Diaphragm	8.76	#PC-22125	Cylinder/Head O-Ring Kit '02 Model 265/275	25.00
#PC-20143	Top Cap Cover	27.50	#PC-22134	Cylinder/Head O-Ring Kit '02 Model 305/340	25.00
#PC-20144	Screws Holder	.50	#PC-22151	Valve O-Ring '02	.95
#PC-20153	*Power Valve Cover-RED	19.95	#PC-26850F	Piston Kit PC2000 265cc	199.95
#PC-20154	*Power Valve Cover-BLUE	19.95	#PC-26950F	Piston Kit PC 2000 275cc	199.95
#PC-20155	*Power Valve Cover-BLACK	19.95	#PC-22735F	Piston Kit PC2000 305cc	199.00
#PC-20160	Studs; Cylinder-Head (Sold Each)	5.00 ea.	#PC-22775F	Piston Kit PC 2000 340cc	199.00
#PH-99AC	8mm Acorn Nuts: Cylinder Head (Sold Each)	2.50	#PC-20160	3pc O-Ring Rebuild Kit	5.00
#PH-999W	Washers: Cylinder Head (Sold Each)	.60			

**NOTES:** PC Piston Kits includes: Modified Piston for PC Cylinder, rings, pin and clips. Top end bearing not included \*BUT new bearing recommended.

\* Power Valve cover may not have logo printed



Power Valve Cover

- #PC-20153 Power Valve Cover-RED
- #PC-20154 Power Valve Cover-BLUE
- #PC-20155 Power Valve Cover-BLACK

\*NOTE-Cover may not have DR Logo

Ex Valve Top  
#PC-20139



Clip; Top Cap Cover  
#PC-20137



Spring/Diaphragm  
#PC-20142



Top Cap Cover  
#PC-20143



Diaphragm  
#PC-20140



Spring/Compression  
#PC-20141



Screw: Adjust Top Cap  
#PC-20138



**TECHNICAL  
INFORMATION**

**DUNCAN RACING  
INTERNATIONAL INC.**

Valve O'Ring  
'00 #PC-20148  
'02 #PC-22151



Studs; Cylinder-Head  
(Sold Each)  
#PC-20160



Cylinder/Head O'Ring Kit  
*NOTE: Cylinder/Head O'Ring Kit  
include 4 O'rings*

'00 Model 265/275  
#PC-20125

'00 Model 300  
#PC-20130

'02 Model 265/275  
#PC-22125

'02 Model 305/340  
#PC-22134

Water Fitting O'Ring  
#PC-20120



Screws Holder  
#PC-20144

Valve Holder O'Ring  
#PC-20146



8mm Acorn Nuts: Cylinder Head  
(Sold Each)  
#PH-99AC



Washers: Cylinder Head  
(Sold Each)  
#PH-999W



**#PC-20160**  
**3pc O-Ring Rebuild Kit**  
**(W/F, V/H, Valve O-Rings)**