

Keihin PWK Carb

FCR

FCR-MX

FCR

AIR FILTERS/
ADAPTERS

FCR

SPIGOTS

FCR NEEDLES

CR

SPECIALS

CR

SPIGOTS

CR

PARTS

PWK

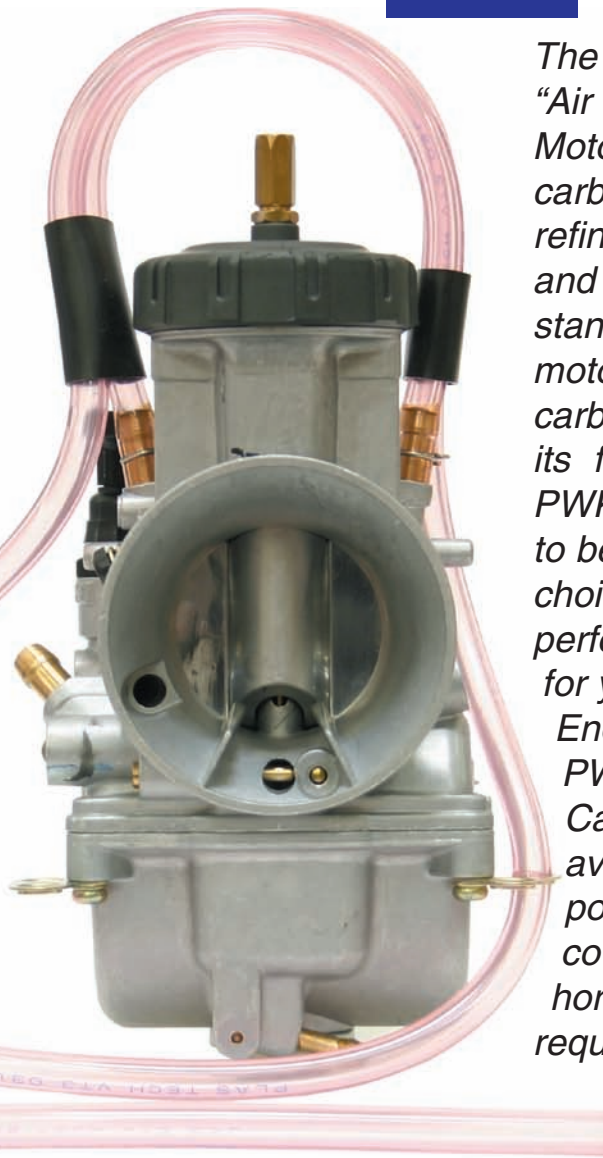
PJ

PWM

PE



PWK41



PWK38 A.S.

The Keihin PWK "Air Striker" Motocross racing carburetor is refined to perfection and has set the standard among motocross racing carburetors. With its features the PWK will continue to be the first choice in performance carbs for your 125, 250, Enduro or ATV. PWK Air Striker Carbs are available in two popular sizes to cover all your horsepower requirements.

Standard PWK

Description/ Mark*	Standard Jetting	Special Set
PWK28/ 29S"	016-144	016-189
PWK33/ S46"	016-148	016-191
PWK35/ 70R"	016-150	016-192
PWK35 A.S./ S65"	016-160	016-197
PWK36/ S63"	016-163	016-198
PWK38 /71R"	016-153	016-194
PWK38 A.S./ S66"	016-167	016-199
PWK39/ 72R	016-155	016-195
PWK41 Pro-Series	016-156	

Please Note: Special Set carbs are pre jetted to your request or specific application. Please specify exact jetting details or bike application for each special set carb you want to order.

Note:

**"X00" represents product code stamped on the carb body just above the float bowl.

A.S. = Air Striker carb

**PWK 28mm & 33mm
Float Height 19 mm**

**PWK 35mm - 41mm
Float Height 16 mm**

PWK Carburetors Standard Jetting

Description	Main Jet	Slow Jet	Thr. Valve	Jet Needle
PWK28/ 29S"	135	38	3.5	46-JJH
PWK33/ S46"	165	52	6	46-CGL
PWK35/ 70R"	160	68	6	46-DGK
PWK35 A.S./ S65"	160	48	4.5	46-DEK
PWK36/ S63"	165	55	5	46-DGJ
PWK38 /71R"	172	58	6	46-DEG
PWK38 A.S./ S66"	170	55	7	46-DDJ
PWK39/ 72R	160	60	6	46-DGH
PWK41 Pro-Series	160	60	6	46-DGH

Keihin PWK 28 Parts

FCR

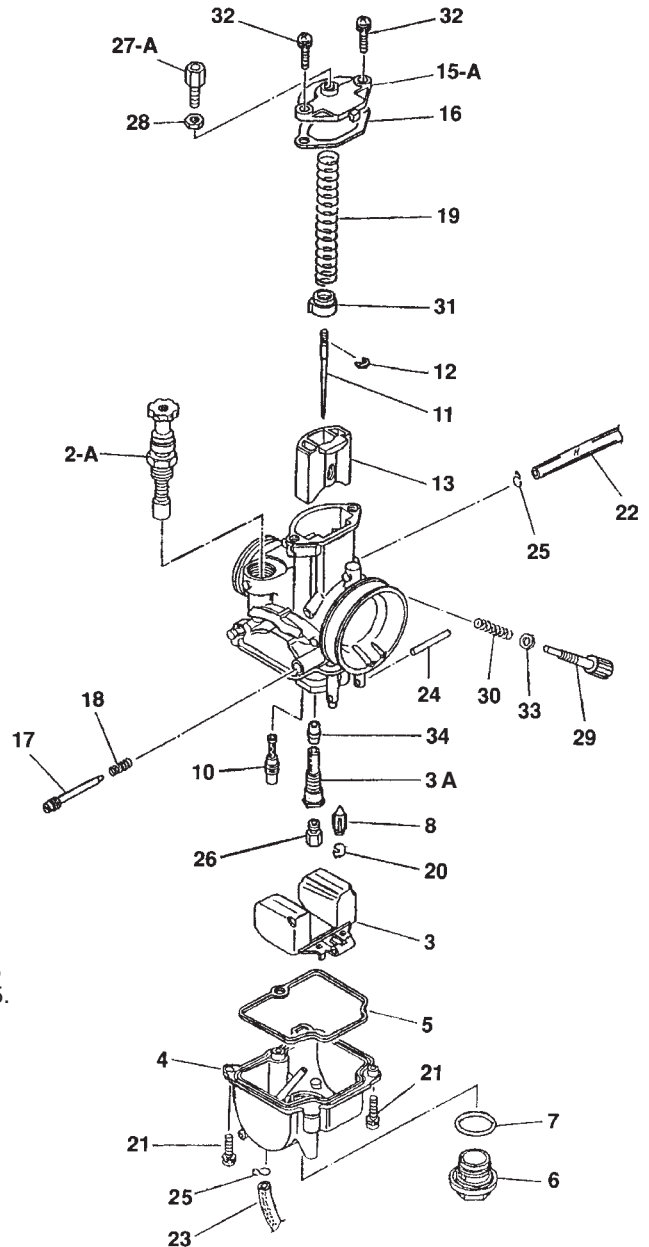
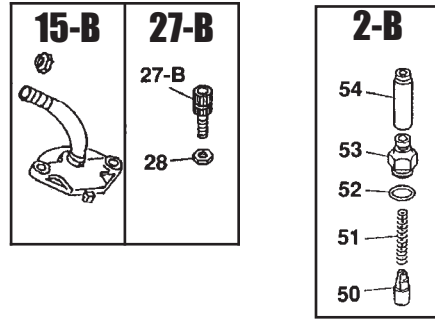
No.	Description	Keihin No.	Order No.
2A.	Starter Valve Comp.	1166-818-2100	018-500
2B.	Starter Valve Comp.	See Asterisk No.	
3.	Float	W1310-080-9901	018-397
4.	Float Bowl Comp	N350-03A00	018-575
5.	Gasket, Float Bowl	W1354-042-9900	018-406
6.	Plug Screw	16162-ND4-7511-M1	018-128
7.	O-Ring, Plug Screw	16173-001-0040	018-664
8.	Float Valve Comp.	W1362-020-9901	018-389
10.	Slow Jet	N424-21-□□□	Pg. 137
11.	Jet Needle	N427-45-□□□	Pg. 135
12.	Clip, Jet Needle	16115-169-0040	018-033
13.	Throttle Valve	N502-11x00 3.5	018-582
	Throttle Valve, Chrome	N502-52H00 3.5	Chart Below
15A.	Top	1030-844-2000	021-575
15B.	Top (option)	1030-843-2200	021-586
16.	Gasket, Top	1202-837-2000	018-566
17.	Air Adjust Screw	W1446-231-9900	018-089
18.	Spring, Air Adjust	W1711-416-9900	018-090
19.	Spring, Throttle	12090-921-2000	018-532
20.	Clip, Float Valve	0405-013-1000	021-576
21.	Screw, Float Bowl	N114-04160	021-577
22.	Bowl, Vent Pipe	W9404-40090	021-578
23.	Overflow Pipe	95003-07042-31	021-579
24.	Float Pin	W9525-25250	018-670
25.	Clip	W9535-35000	018-098
26.	Main Jet	99101-357-□□□	Pg. 136
26A.	Main Jet (SDGAA)	99101-393-□□□	Pg.136
27A.	Cable Adjuster	W9581-59250	018-005
27B.	Cable Adjuster	1036-804-2000	018-542
28.	Nut, Cable Adjuster	W1793-130-9900	018-008
29.	Idle Adjuster	1034-831-2000	018-568
29.	Idle Adjuster (for chrome T/V)	1034-853-200	018-569
30.	Spring	1290-923-2000	018-562
30.	Spring (for chrome T/V)	1290-963-2000	018-574
31.	Collar, Throttle Spring	1022-805-7000	018-564
32.	Screw, Top	N114-04140	021-580
33.	Washer	0301-078-1200	021-101
34.	Needle Jet	16164-169-0040	018-560
35.	Needle Jet Holder (SDGAA)	N413-11A00	N/A
35A.	Needle Jet Holder	N413-12A00	021-581
*50.	Starter Valve	W1275-028-9901	021-512
*51.	Spring	1290-922-2000	021-582
*52.	O-Ring	0901-069-6000	021-527
*53.	Cable Holder	W1551-140-9900	021-583
*54.	Cap	16118-166-0040	018-002

NOTE: If you see "SDGAA" on your carburetor's stamped portion, your main jet and needle jet holder have to be 26A and 35.

Throttle Valve (chrome) Chart

Keihin No.	Cutaway Mark	Order No
N502-52B00	1.0	018-584
N502-52C00	2.0	018-585
N502-52D00	3.0	018-586
N502-52H00	3.5 (STD)	018-590
N502-52E00	4.0	018-587
N502-52F00	5.0	018-588
N502-52G00	6.0	018-589

option



FCR-MX

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AIR FILTERS/
ADAPTERS

FCR
SPIGOTS

FCR NEEDLES

CR
SPECIALS

CR
SPIGOTS

CR
PARTS

PWK

PJ

PWM

PE

NEELDE JETS

KEIHIN JETS

NITROUS
EXPRESS

Keihin PWK Exploded View

FCR

FCR-MX

FCR

PWK33, 35, 36, 38, 39, 41

AIR FILTERS/
ADAPTERS

FCR

SPIGOTS

FCR NEEDLES

CR
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PWK

PJ

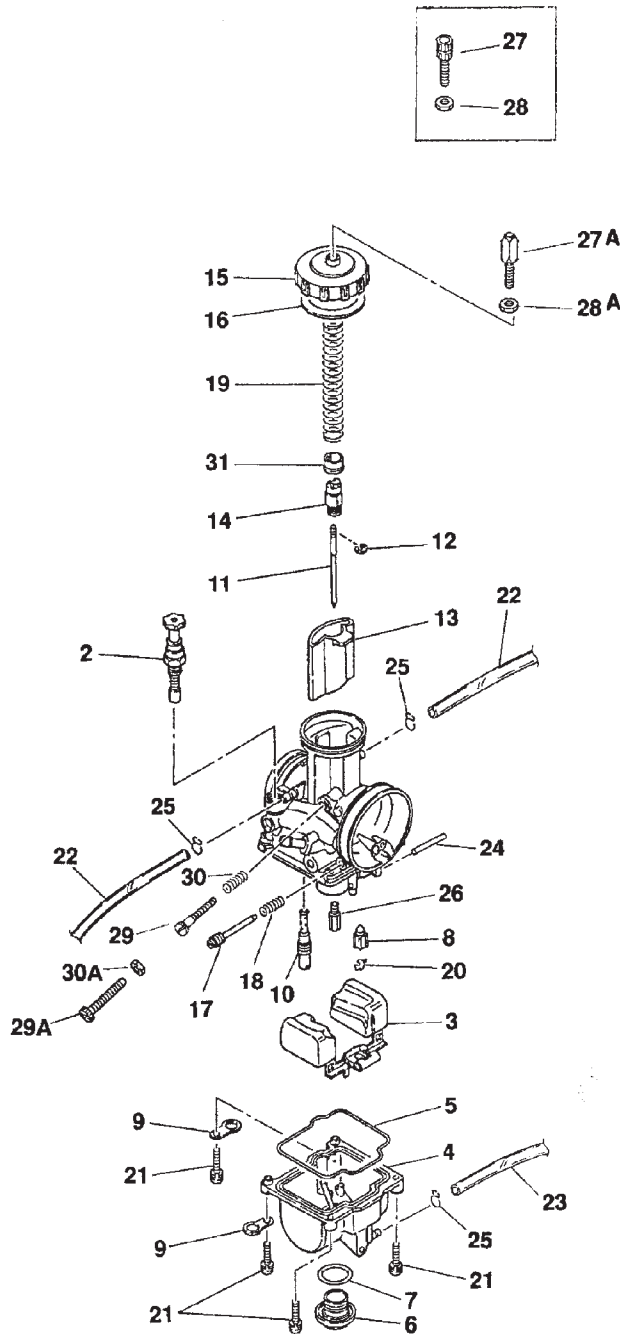
PWM

PE

NEELDE JETS

KEIHIN JETS

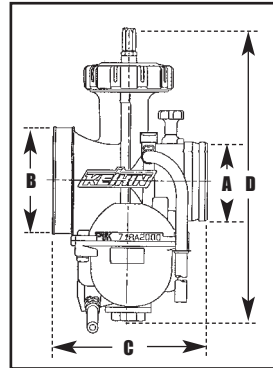
NITROUS
EXPRESS



NOTE: Do not remove parts that are not shown on this exploded view.

Rebuild Kits for:

Description	Order No.
PWK 28 Motorcycle Carb	021-112
PWK 35-39 Motorcycle Carb	020-110
PWK 39 Snowmobile Carb	020-111

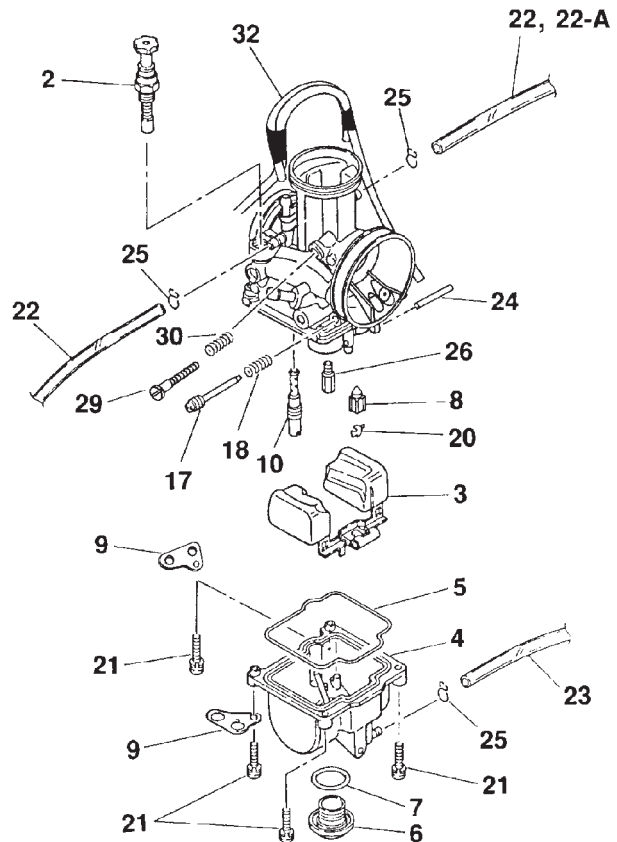


PWK Carburetor Dimensions

Size (mm)	A	B	C	D
PWK28	35	49	83	147.4
PWK33	42	59	91	163.3
PWK35	42	59	91	163.3
PWK36	46	63	91	171.6
PWK38	46	63	91	171.6
PWK39	46	63	91	171.6
PWK41	46	63	91	171.6

Quad Vents / Air Strikers

*see part numbers 11, 12, 14, 15, 16, 19, 27, 28, 31 from the drawing to the left.



NOTE: Do not remove parts that are not shown on this exploded view.

Keihin PWK 33-41 Parts

FCR

Description	PWK33	PWK35	PWK36 Quad Vent	PWK38-41 Non-Air Striker	PWK35 Air Striker	PWK38 Air Striker	FCR-MX
2. Starter Valve Comp	018-500	←	←	←	←	←	FCR
3. Float	018-110	←	←	←	←	←	FCR AIR FILTERS/ ADAPTERS
4. Float Bowl Comp.	018-502	←	←	←	←	←	FCR
5. Gasket. Float Bowl*	018-113	←	←	←	←	←	FCR SPIGOTS
6. Plug Screw	018-128	←	←	←	←	←	FCR
7. O-Ring, Plug Screw*	018-664	←	←	←	←	←	FCR SPIGOTS
8. Float Valve Comp*	018-504	←	←	←	←	←	FCR
9. Anchor Plate	018-506	←	018-505	018-506	018-505	←	FCR NEEDLES
10. Slow Jet	N424-21-□□□	Pg. 137	←	←	←	←	FCR
11. Jet Needle	N427-48-□□□	Pg. 134	←	←	←	←	FCR
12. Clip, Jet Needle*	018-033	←	←	←	←	←	FCR
13. Throttle Valve (chart below)	N502-15-□□□	N502-16x00	N502-17x00	N502-17x00	N502-15x00	N502-17x00	CR SPECIALS
14. Cable Holder	018-526	←	←	←	←	←	CR
15. Top	018-528	←	←	←	←	←	CR SPIGOTS
16. Gasket*	018-016	←	←	←	←	←	CR
17. Air Adjust Screw	018-089	←	←	←	←	←	CR SPIGOTS
18. Spring*	018-090	←	←	←	←	←	CR
19. Spring Throttle	018-530	←	←	018-531	018-530	018-531	CR PARTS
20. Clip, Float Valve*	018-674	←	←	←	←	←	CR
21. Screw, Float Bowl*	018-122	←	←	←	←	←	CR
22. Bowl Vent Pipe	018-534	←	←	018-535	←	←	PWK
22a. Bowl Vent Pipe	N/A	N/A	018-535	N/A	N/A	N/A	PWK
23. Overflow Pipe	018-538	←	←	←	←	←	PWK
24. Float Pin*	018-670	←	←	←	←	←	PWK
25. Clip	018-098	←	←	←	←	←	PWK
26. Main Jet	99101-357-□□□	Pg. 136	←	←	←	←	PJ
27. Cable Adjuster	018-542	←	←	←	←	←	PJ
27a. Cable Adjuster	018-005	(25mm)	←	←	←	←	PJ
27b. Cable Adjuster	018-306	(20mm)	←	←	←	←	PJ
28. Nut Cable Adjuster	018-544	←	←	←	←	←	PJ
28a. Nut Cable Adjuster	018-008	←	←	←	←	←	PJ
29. Idle Adjuster (Plastic)	018-569	←	←	←	←	←	PJ
29a. Idle Adjuster (Brass)	N/A	018-546	N/A	018-546	N/A	N/A	PE
30. Spring	018-574	←	←	←	←	←	PE
30a. Nut	N/A	018-548	N/A	018-548	N/A	N/A	PE
31. Collar*	018-550	←	←	←	←	←	PE
32. Bowl Vent Pipe Comp. (for Quad Vent)	N/A	N/A	018-537	N/A	018-537	←	PE
O-Ring, Jet Block	N/A	021-532	←	←	←	←	PE

PWK Throttle Valve Chart

Cutaway	PWK33	PWK35	PWK36 Q/V	PWK 38, 39, & 41	PWK35 A/S	PWK38 A/S
Rich	0	018-508	018-517	018-517		018-517
	3.0	018-509	018-518	018-518		018-518
	4.0	018-510	018-519	018-519		018-519
	4.5	018-240			018-240	
	5.0	018-241	018-511	018-520	018-241	018-520
	5.5	018-242			018-242	
	6.0	018-243	018-512	018-521	018-243	018-521
	6.5	018-244		018-525	018-244	018-525
	7.0	018-245	018-513	018-522	018-245	018-522
	8.0		018-523	018-523		018-523
	8.5	018-514				
	9.0		018-524	018-524		018-524
Lean		018-515				