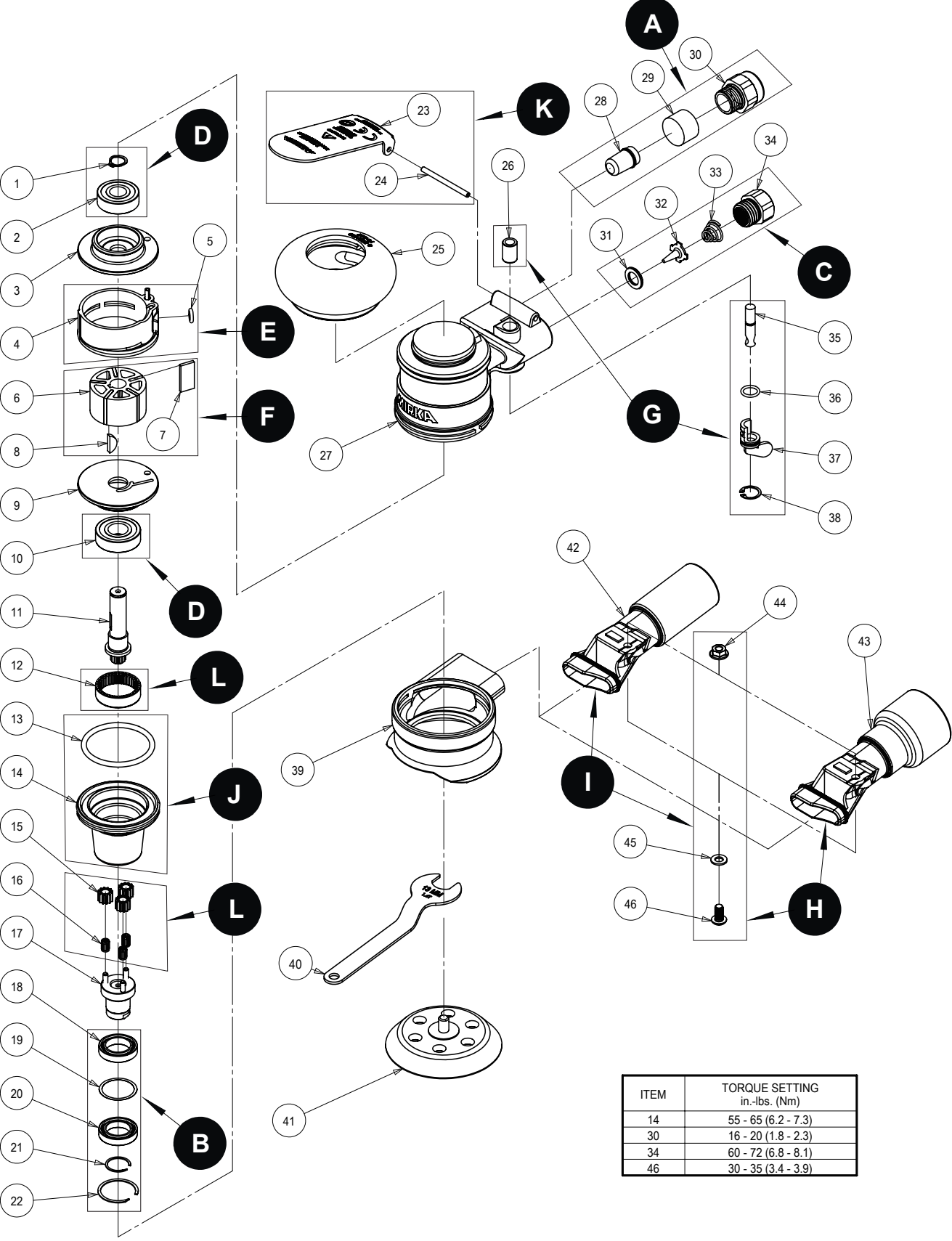


Exploded view of RPS 300CV, 77 mm

Updated 12.07.2022



ITEM	TORQUE SETTING in.-lbs. (Nm)
14	55 - 65 (6.2 - 7.3)
30	16 - 20 (1.8 - 2.3)
34	60 - 72 (6.8 - 8.1)
46	30 - 35 (3.4 - 3.9)

RPS 300CV, 77 mm Spare Part kits

Note! Repairs done by non-authorized repairer will breach the Mirka warranty.

Mirka Code	Item	Description	Kit	QTY	Part No
8993017311		Muffler kit 12 000 rpm			MPA0797
	28	Internal Muffler	A	1	MPA0062
	29	Muffler Insert		1	MPA0068
	30	Muffler Housing		1	MPA0166
					MPA2226
8994222711		Spindle Bearing kit			
	18	Bearing	B	1	MPA0147
	19	Spacer		1	MPA0213
	20	Bearing		1	MPA0148
	21	Retaining Ring		1	MPA0110
22	Retaining Ring	1		MPA0117	
8993018811		Air Inlet kit			MPA0798
	31	Valve Seat	C	1	MPA0009
	32	Valve		1	MPA0007
	33	Valve Spring		1	MPA0014
34	Inlet Bushing assembly (1/4-18 Npt)	1		MPA0013	
8993019811		Endplate Bearing kit			MPA0799
	1	Retaining Ring	D	1	MPA0040
	2	Bearing		1	MPA0021
10	Bearing	1		MPA0019	
8993009211		Cylinder and O-Ring kit			MPA0994
	4	Cylinder assembly	E	1	MPA0005
5	O-Ring 5 x 2 mm	1		MPA0042	
8993017711		Rotor, Vanes and Key kit			MPA0801
	6	Rotor	F	1	MPB0005
	7	Vane		5	MPA0010
	8	Key		1	MPA0041
					MPA0800
8993019011		Speed Valve kit			
	26	Valve Sleeve	G	1	MPA0015
	35	Valve Stem assembly		1	MPA0008
	36	O-Ring 9x1.5 mm		1	MPA0043
	37	Speed Control		1	MPB0014
38	Retaining Ring	1		MPA0039	
8993006611		Swivel Fitting kit CV 28 mm (Standard for CV)			MPA0988
	43	Swivel Exhaust 28 mm (1 In.) (Standard For CV)	H	1	MPA0099
	44	Nut M5x0.8		1	MPA0048
	45	Washer M5		1	MPA0047
	46	Screw M5x10		1	MPA0769
					MPA0987
8993013611		Swivel Fitting kit CV 19 mm (Optional for CV)		OPT.	
	42	Swivel Exhaust 19 mm (¾ In.) (Optional For CV)	I	1	MPA0205
	44	Nut M5x0.8		1	MPA0048
	45	Washer M5		1	MPA0047
	46	Screw M5x10		1	MPA0769

RPS 300CV, 77 mm Spare Part kits

Mirka Code	Item	Description	Kit	QTY	Part No
8994242211		Spindle Housing and O-Ring kit			MPA2901
	13	O-Ring 39.4 x 3.1 mm	J	1	MPA0045
	14	Spindle Housing		1	MPB0060
8993522411		Lever kit 3 000 rpm			MPA2893
	23	Lever	K	1	MPA1168
	24	Pin		1	MPA0031
8994221811		Planet Gear kit			MPA2930
	12	Ring Gear	L	1	MPA0151
	15	Planet Gear kit		3	MPA2636
	16	Needle Bearing kit		3	MPA2638

Separate spare parts on next page.

RPS 300CV, 77 mm Spare Parts

Mirka Code	Item	Description	Kit	QTY	Part No
	1	Retaining Ring	D	1	MPA0040
	2	Bearing	D	1	MPA0021
8993009311	3	Rear Endplate		1	MPB0017
	4	Cylinder assembly	E	1	MPA0005
8993008211	5	O-Ring 5 x 2 mm	E	1	MPA0042
	6	Rotor	F	1	MPB0005
	7	Vane	F	5	MPA0010
	8	Key	F	1	MPA0041
8993009411	9	Front Endplate		1	MPB0016
	10	Bearing	D	1	MPA0019
8994242511	11	Motor Shaft assembly		1	MPA0293
8994242011	12	Ring Gear	L	1	MPA0151
	13	O-Ring 39.4 x 3.1 mm	J	1	MPA0045
	14	Spindle Housing	J	1	MPB0060
8994241811	15	Planet Gear kit	L	3	MPA2636
8994241911	16	Needle Bearing kit	L	3	MPA2638
8994242411	17	Assembly to Planetary Spindle 1/4-20 UNC2B		1	MPA0456
	18	Bearing	B	1	MPA0147
	19	Spacer	B	1	MPA0213
	20	Bearing	B	1	MPA0148
	21	Retaining Ring	B	1	MPA0110
	22	Retaining Ring	B	1	MPA0117
	23	Lever	K	1	MPA1168
	24	Pin	K	1	MPA0031
8993013811	25	Grip 64 mm (2 1/2 In.) - (Optional)		OPT.	MPA0288
8993016011	25	Grip 70 mm (2 3/4 In.) - (Optional)		OPT.	MPA0289
8993013511	25	Grip 75 mm (3 In.) - (Standard)		1	MPA0290
	26	Valve Sleeve	G	1	MPA0015
8993006811	27	Housing		1	MPA0227
	28	Internal Muffler	A	1	MPA0062
	29	Muffler Insert	A	1	MPA0068
	30	Muffler Housing	A	1	MPA0166
	31	Valve Seat	C	1	MPA0009
	32	Valve	C	1	MPA0007
	33	Valve Spring	C	1	MPA0014
	34	Inlet Bushing assembly (1/4-18 Npt)	C	1	MPA0013
	35	Valve Stem assembly	G	1	MPA0008
	36	O-Ring 9x1.5 mm	G	1	MPA0043
	37	Speed Control	G	1	MPB0014
	38	Retaining Ring	G	1	MPA0039
8992313911	39	Shroud		1	MPC0457
8992314011	40	Wrench 13 mm		1	MPA3226
8294791211	41	Backing Pad 77mm 1/4" Grip 6H Medium		1	
	42	Swivel Exhaust 19 mm (¾ In.) (Optional For CV)	I	OPT.	MPA0205
	43	Swivel Exhaust 28 mm (1 In.) (Standard For CV)	H	1	MPA0099
	44	Nut M5x0.8	H,I	1	MPA0048
	45	Washer M5	H,I	1	MPA0047
	46	Screw M5x10	H,I	1	MPA0769