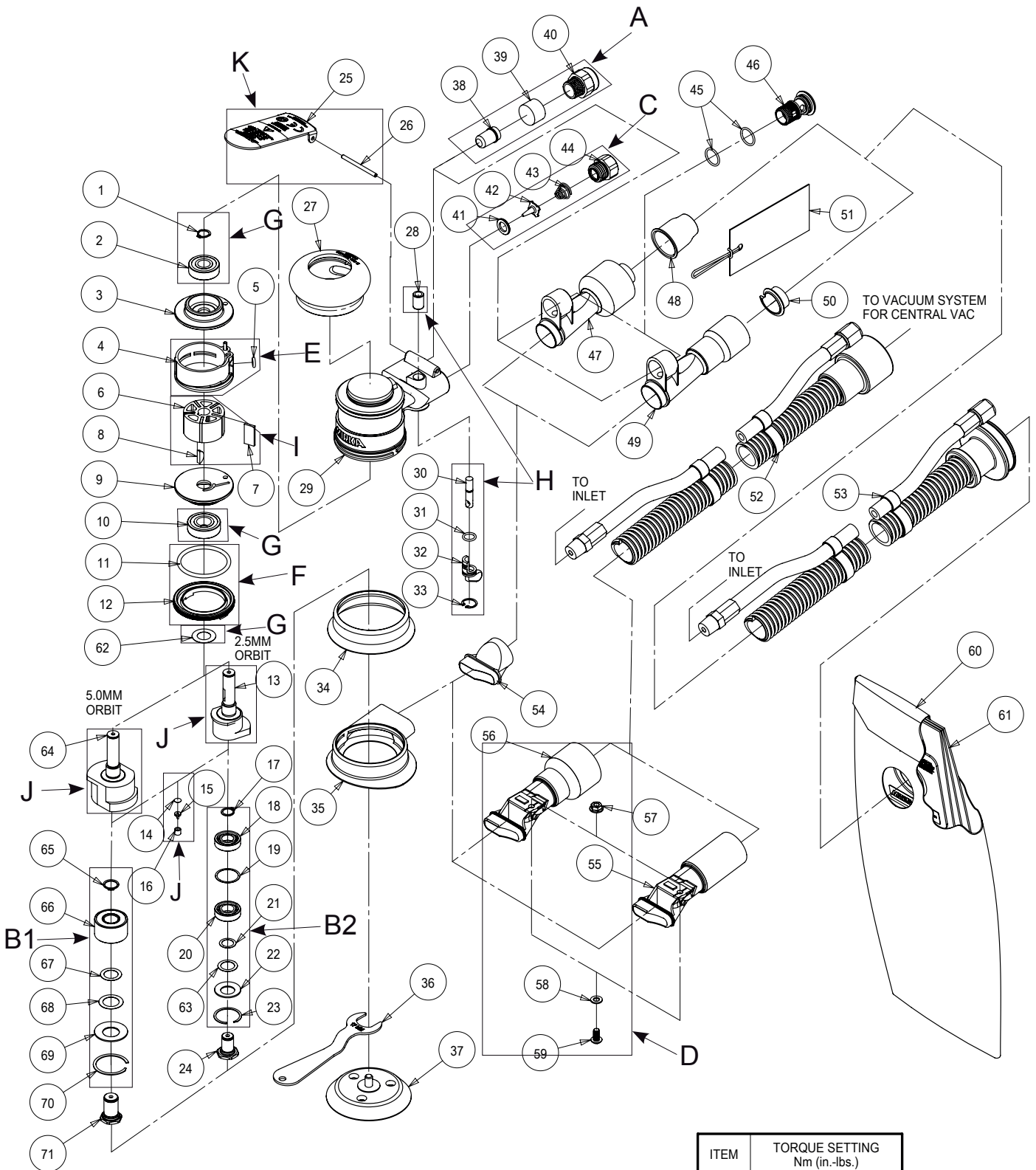


# Exploded view of ROS 325 & 350, 77 mm

Updated 27.12.2016



ITEM	TORQUE SETTING Nm (in.-lbs.)
12	6.2 - 7.3 (55 - 65)
40	1.8 - 2.3 (16 - 20)
44	6.8 - 8.1 (60 - 72)
46	4.0 - 5.4 (36 - 48)
59	3.4 - 3.9 (30 - 35)

## ROS 77 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY
<b>8993017311</b>		<b>Muffler Kit 12000 rpm</b>		MPA0797	
	38	Internal Muffler (For 12,000 rpm machines)	<b>A</b>	MPA0062	1
	39	Muffler Insert(For 12,000 rpm machines)		MPA0068	1
	40	Muffler Housing		MPA0166	1
8994022811		<b>Spindle Bearing Kit</b>		MPA2304	
	65	Retaining Ring		MPA0090	1
	66	Bearing		MPA0938	1
	67	Spacer	<b>B1</b>	MPA0016	1
	68	Bearing		MPA2542	1
	69	Belleville Washer		MPA0017	1
	70	Retaining Ring		MPA0018	1
<b>8993019611</b>		<b>Spindle Bearing Kit</b>		MPA0807	
	17	Retaining Ring		MPA0107	1
	18	Bearing		MPA0162	1
	19	Spacer		MPA0196	1
	20	Bearing	<b>B2</b>	MPA0161	1
	21	Shim		MPA0108	1
	22	Belleville Washer		MPA0126	1
	23	Retaining Ring 22,2 mm		MPA0177	1
63	Spindle Bearing Dust Shield		MPA2543	1	
<b>8993018811</b>		<b>Air Inlet Kit</b>		MPA0798	
	41	Valve Seat		MPA0009	1
	42	Valve	<b>C</b>	MPA0007	1
	43	Valve Spring		MPA0014	1
44	Inlet Bushing Assembly	MPA0013		1	
<b>8993006611</b>		<b>Swivel Fitting Kit CV 28 mm</b>		MPA0988	1
	56	ROS Supervac™ CV 1 In./28 mm Swivel Exhaust Assembly		MPA0099	1
	57	M5 x 0.8 Flanged Nut	<b>D</b>	MPA0048	1
	58	M5 Washer		MPA0047	1
	59	Hex Socket Button Head Machine Screw M5 x 10		MPA0769	1
<b>8993009211</b>		<b>Cylinder And O-Ring Kit</b>		MPA0994	
	4	Cylinder Assembly	<b>E</b>	MPA0005	1
	5	5 mm x 2.0 mm O-Ring		MPA0042	1
<b>8993007911</b>		<b>Lock Ring And O-Ring Kit</b>		MPA0993	
	11	O-Ring	<b>F</b>	MPA0045	1
	12	Lock Ring		MPA0001	1
<b>8993019811</b>		<b>Endplate Bearing Kit</b>		MPA0799	
	1	External Retaining Ring		MPA0040	1
	2	Bearing	<b>G</b>	MPA0021	1
	10	Bearing		MPA0019	1
62	Front Bearing Dust Shield	MPA2541		1	
<b>8993019011</b>		<b>Speed Valve Kit</b>		MPA0800	
	28	Valve Sleeve		MPA0015	1
	30	Valve Stem Assembly	<b>H</b>	MPA0008	1
	31	O-Ring		MPA0043	1
	32	Speed Control		MPB0014	1
	33	Internal Retaining Ring		MPA0039	1
<b>8993017711</b>		<b>Rotor, Vanes And Key Kit</b>		MPA0801	
	6	Rotor	<b>I</b>	MPB0005	1
	7	Vane		MPA0010	5
	8	Key		MPA0041	1

## ROS 77 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY
<b>8993014311</b>		<b>Shaft Balancer Kit 77/2,5 mm</b>		MPA2154	
	13	3 x 3/32 In Orbit L.W. ROS Airshield Shaft Balancer		MPB0084	1
	14	Filter	<b>J</b>	MPA0122	1
	15	Check Valve		MPA0121	1
	16	Retainer		MPA0120	1
<b>8993010911</b>		<b>Lever Kit 2,5 mm Orbit</b>		MPA0984	
	25	Lever For 2,5 mm (3/32) Orbit 12,000 rpm Machines	<b>K</b>	MPA1698	1
	26	Pin		MPA0031	1
<b>8993018911</b>		<b>DB Retainer And O-Ring Kit</b>		MPA2551	
	45	O-Ring	<b>x</b>	MPA0044	2
	46	DB Retainer		MPA0006	1
<b>8993011311</b>		<b>Swivel Fitting DB 28 mm Kit</b>		MPA0932	OPT.
	47	28 mm (1 In.) Hose Supervac™ DB Swivel Exhaust Assembly (Std For DB)	<b>x</b>	MPA0410	1
	48	28mm (1 In.) Hose Seal		MPA0778	1
<b>8993011411</b>		<b>Swivel Fitting DB 19 mm Kit</b>		MPA0858	
	49	19 mm (¾ In.) Hose Supervac™ DB Swivel Exhaust Assembly (Opt. DB)	<b>x</b>	MPA0409	1
	50	19mm (¾ In.) Hose Seal		MPA0854	1
	51	19mm (¾ In.) Hose Seal Tag		MPA0856	1
		28mm (1 In.) Hose Seal Tag		MPA0931	OPT.

Separate parts on next page

## ROS 77 mm Spare parts

Mirka code	Item	Description	Kit	Part No	QTY
	1	External Retaining Ring	G	MPA0040	1
	2	Bearing	G	MPA0021	1
<b>8993009311</b>	<b>3</b>	<b>Rear Endplate</b>		MPB0017	1
	4	Cylinder Assembly	E	MPA0005	1
	5	5 mm x 2.0 mm O-Ring	E	MPA0042	1
	6	Rotor	I	MPB0005	1
	7	Vane	I	MPA0010	5
	8	Key	I	MPA0041	1
<b>8993009411</b>	<b>9</b>	<b>Front Endplate</b>		MPB0016	1
	10	Bearing	G	MPA0019	1
	11	O-Ring	F	MPA0045	1
	12	Lock Ring	F	MPA0001	1
	13	3 x 3/32 In Orbit L.W. ROS Airshield Shaft Balancer	J	MPB0084	1
	14	Filter	J	MPA0122	1
	15	Check Valve	J	MPA0121	1
	16	Retainer	J	MPA0120	1
	17	Retaining Ring	B2	MPA0107	1
	18	Bearing	B2	MPA0162	1
	19	Spacer	B2	MPA0196	1
	20	Bearing	B2	MPA0161	1
	21	Shim	B2	MPA0108	1
	22	Belleville Washer	B2	MPA0126	1
	23	22,2 mm Retaining Ring	B2	MPA0177	1
<b>8993015011</b>	<b>24</b>	<b>Spindle</b>		MPB0083	1
	25	Lever For 2,5 mm (3/32) Orbit 12,000 rpm Machines	K	MPA1698	1
	25	Lever For 5,0 mm (3/16) Orbit 12,000 rpm Machines		MPA1699	1
	26	Pin	K	MPA0031	1
8993013811	27	65 mm (2 1/2 In.) Grip (Optional)		MPA0288	OPT.
8993016011	27	70 mm (2 3/4 In.) Grip (Optional)		MPA0289	OPT.
8993013511	27	75 mm (3 In.) Grip (Standard))		MPA0290	1
	28	Valve Sleeve	H	MPA0015	1
<b>8993006811</b>	<b>29</b>	<b>Housing For Mirka 3 In. LW machines</b>		MPA0227	1
	30	Valve Stem Assembly	H	MPA0008	1
	31	O-Ring	H	MPA0043	1
	32	Speed Control	H	MPB0014	1
	33	Internal Retaining Ring	H	MPA0039	1
<b>8993011111</b>	<b>34</b>	<b>Shroud 77 mm (3 In.) (NV)</b>		MPC0046	1
8993012011	35	Shroud 77 mm (3 In.) (CV, DB) Orbit 2,5 mm		MPC0047	1
8993012611	35	Shroud 77 mm (3 In.) (CV, DB) Orbit 5,0 mm		MPC0243	1
<b>8993008012</b>	<b>36</b>	<b>17 mm Wrench (Supplied With Each Tool)</b>		MPA0146	1
<b>8294791211</b>	<b>37</b>	<b>Backing Pad 77mm 1/4" Grip 6H Medium (ROS325CV)</b>			1
<b>8294791311</b>	<b>37</b>	<b>Backing Pad 77mm 1/4" Grip Medium (ROS325NV)</b>			1
	38	Internal Muffler (For 12,000 rpm Machines)	A	MPA0062	1
	39	Muffler Insert(For 12,000 rpm Machines)	A	MPA0068	1
	40	Muffler Housing	A	MPA0166	1
	41	Valve Seat	C	MPA0009	1
	42	Valve	C	MPA0007	1
	43	Valve Spring	C	MPA0014	1
	44	Inlet Bushing Assembly	C	MPA0013	1
	45	O-Ring	x	MPA0044	2
	46	DB Retainer	x	MPA0006	1
	47	28 mm (1 In.) Hose Supervac™ DB Swivel Exhaust Assembly (Std For DB))	x	MPA0410	1
	48	28mm (1 In.) Hose Seal	x	MPA0778	1
	49	19 mm (¾ In.) Hose Supervac™ DB Swivel Exhaust Assembly (Opt. DB)	x	MPA0409	1
	50	19mm (3/4 In.) Hose Seal	x	MPA0854	1
	51	19mm (3/4 In.) Hose Seal Tag		MPA0856	OPT.
	51	28mm (1 In.) Hose Seal Tag	x	MPA0931	1

## ROS 77 mm Spareparts

Mirka code	Item	Description	Kit	Part No	QTY
8993306711		Ø 19 mm (¾ In.) Vac Hose To Ø 19 mm (¾ In.) X Ø 28 mm (1 In.) Hose Adapter Coupling And Airline Assembly Includes: MPA0200 Ø 19 mm (¾ In.) x 1,5 m		MPA0300	OPT.
	52	(5 Ft.) Vacuum Hose, MPB0088 19 mm (¾ In.) Hose x 28 mm (1 In.) Hose Adapter, MPA0302 Ø 6.3 mm (¼ In.) x 1,5 m (5 Ft.) Airline With Fittings, MPA0301 Bungee For Ø 6.3 mm (¼ In.) Airline & Ø 19 mm(¾ In.) Vacuum Hose (5)			
8993039211		Ø 28 mm (1 In.) Vac Hose To Ø 28 mm (1 In.) X Ø 38 mm (1 ½ In.) Friction Fit Adapter And Airline Assy. (Opt.) Incl.: MPA0034 Ø 28 mm (1 In.) x 1,8 m (6 Ft.) Vacuum Hose, MPB0092 Ø 28 mm (1 In) Hose Thread X Ø 38 mm (1 ½ In) Friction Fit Adapter, MPA0033 Ø 6.3 mm (¼ In) X 1,8 m (6 Ft.) Airline With Fittings, MPA0027 Bungee For Ø 6.3 mm (¼ In.) Airline & Ø 28 mm (1 In.) Vac.Hose (5)		MPA0392	OPT.
8993041111		Ø 19 mm (¾ In.) Vac Hose To Ø 19 mm (¾ In.) Double Bag Fitting And Airline Assembly (Opt. For DB) Incl.: MPA0200 Ø 19 mm (¾ In) X 1.5 M (5 Ft) Vacuum Hose, MPB0133 Ø 19 mm (¾ In)		MPA0411	1
	53	Hose To Double Bag Vacuum Fitting, MPA0302 Ø 6.3 mm (¼ In) X 1.5 M (5 Ft) Airline With Fittings, MPA0301 Bungee For Ø 6.3 mm (¼ In) Airline & Ø 19 mm (¾ In) Vacuum Hose (5)			
<b>8993006711</b>		<b>Ø 28 mm (1 In.) Vac Hose To Ø 28 mm (1 In.)</b> Double Bag Fitting And Airline Assy. (Std For DB) Incl.: MPA0034 Ø 28 mm (1 In) x 1,8 m (6 Ft) Vacuum Hose, MPB0123 Ø 28 mm (1 In) Hose To Double Bag Vacuum Fitting, MPA0033 Ø 6.3 mm (¼ In) X 1,8 m (6 Ft) Airline With Fittings, MPA0027 Bungee For Ø 6.3 mm (¼ In.) Airline & Ø 28 mm (1 In.) Vacuum Hose (5)		MPA0412	OPT.
<b>8993011511</b>	<b>54</b>	<b>Supervac DB Skirt/Shroud Adapter</b>		MPC0108	1
	55	ROS Supervac CV 3/4 In. Swivel Exhaust Assembly		MPA0205	OPT.
	56	ROS Supervac™ CV 1 In./28 mm Swivel Exhaust Assembly	<b>D</b>	MPA0099	1
	57	M5 x 0.8 Flanged Nut	<b>D</b>	MPA0048	1
	58	M5 Washer	<b>D</b>	MPA0047	1
	59	Hex Socket Button Head Machine Screw M5 x 10	<b>D</b>	MPA0769	1
	62	Front Bearing Dust Shield	<b>G</b>	MPA2541	1
	63	Spindle Bearing Dust Shield	<b>B2</b>	MPA2543	1
	65	Retaining Ring	<b>B1</b>	MPA0090	1
	66	Bearing	<b>B1</b>	MPA0938	1
	67	Spacer	<b>B1</b>	MPA0016	1
	68	Bearing	<b>B1</b>	MPA2542	1
	69	Belleville Washer	<b>B1</b>	MPA0017	1
	70	Retaining Ring	<b>B1</b>	MPA0018	1
	71	Spindle		MPB0312	1