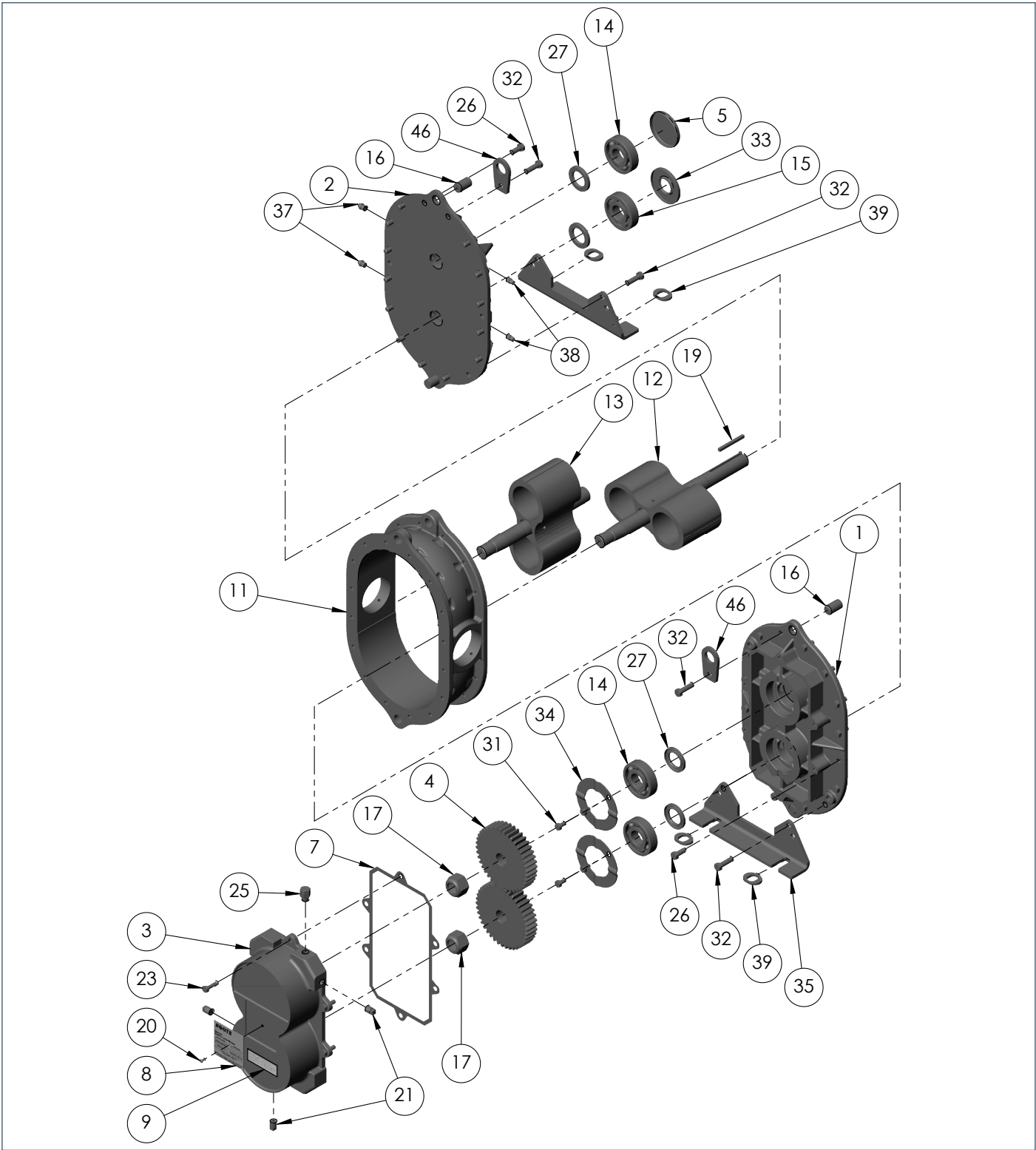


ASSEMBLY DRAWINGS

Standard components shown. Actual component geometry may vary with model.



Assembly of Roots Universal RAI Series, Air Blowers, 2-1/2" through 5" gear diameter

Roots Universal RAI Series gas blowers parts list 5" gear diameter

Refer to page 21 Air units and page 25 Gas units

Item #	Part name	Part number	Qty.
Non Length Parts 5" URAI, URAI-J, URAI-G, URAI-GJ			
**1	HEADPLATE GEAR END	64612022	1
**1	HEADPLATE GEAR END GAS	T30088022	1
**2	HEADPLATE DRIVE END	64848022	1
**2	HEADPLATE DRIVE END GAS	T30087022	1
3	GEARBOX	65741022	1
4	TIMING GEAR SET	RC-63866021	1
5	BORE PLUG	12957006	1
7	GEARBOX GASKET	62776021	1
8	BLOWER NAMEPLATE	T20034001	1
9	LUBE LABEL	62043020	1
14	BALL BEARING	10987003	3
15	ROLLER BEARING	10222037	1
16	DOWEL PIN	10531005	4
17	HEX NUT	10319006	2
19	KEY	10826022	1
20	SELF-TAPING SCREW	10815002	1
21	PIPE PLUG	10008002	3
23	HEX HEAD SCREW	10012004	6
25	BREATHER	13005001	1
26	HEX HEAD SCREW	10019004	26
**27	LIP SEAL (INBOARD)	10005164	4
**27	MECHANICAL SEAL (GAS)	T20002003	4
31	HEX HEAD SCREW	11965010	4
32	HEX HEAD SCREW	12467006	6
33	LIP SEAL (DRIVE SHAFT)	12091009	1
34	BEARING CLAMP PLATE	64402020	2
35	BLOWER FOOT	65601021	2
***35	BLOWER FOOT GAS HORIZ.	T30093021	2
37	GREASE FITTING	10007001	2
38	VENT PLUG	13002001	2
***38A	PIPE PLUG	10008001	2
39	OBLONG WASHER	12892006	4
***43	PIPE PLUG	T20016001	8
46	LIFTING LUG	64361020	2

Item #	Part name	Part number	Qty.
Length Parts 53 URAI, URAI-G			
Ø11	CYLINDER 53	40468022	1
Ø11	CYLINDER 53 M	T30170062	1
Ø12	DRIVE IMPELLER 53	RC-201469122	1
Ø12	DRIVE IMPELLER 53 M	RC-201469122M	1
13	DRIVN IMPELLER 53	RC-201469122S	1
Length Parts 56 URAI, URAI-J, URAI-G, URAI-GJ			
*Ø11	CYLINDER 56	61763022	1
Ø11	CYLINDER 56 M	T30171062	1
*11	CYLINDER 56 J	74141023	1
Ø12	DRIVE IMPELLER 56	RC-201469222	1
Ø12	DRIVE IMPELLER 56 M	RC-201469222M	1
13	DRIVN IMPELLER 56	RC-201469222S	1
Length Parts 59 URAI, URAI-G			
Ø11	CYLINDER 59	63664022	1
Ø11	CYLINDER 59 M	T30172062	1
Ø12	DRIVE IMPELLER 59	RC-2014693122	1
Ø12	DRIVE IMPELLER 59 M	RC-2014693122M	1
13	DRIVN IMPELLER 59	RC-201469322S	1

* Unit is available in both standard and Whispair (Jet) configurations, confirm model before ordering parts.

** Units are available in both standard and gas configurations, confirm model before ordering parts.

*** Items are only available on gas units

Ø Unit is available in both standard and Metric configurations, confirm model before ordering parts.