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Model Number: 11707

Tuthill 11707 Part 45 (drive shaft for this blower) For Model# 4009-46L3

Manufacturer: Tuthill

COMPETITOR PLUS® blowers are designed to be interchangeable with equivalent sizes of Roots Universal RA®; and many Sutorbilt®; California Series B and F, and Legend®; Series L and P blowers. COMPETITOR PLUS models are rated up to 15 PSIG discharge pressure or 16" Hg dry vacuum. In addition to interchangeability, Competitor Blowers have superior features ordinarily found only on premium blowers - see table below.

Special order, please allow 5 weeks to build, all sales are final

This webpage is for Tuthill 11707 Part 45 (drive shaft for this blower) For Model# 4009-46L3 ONLY

#### Performance Specifications:

Pressure range: up to 15 PSIG (1.03 bar g)

Vacuum range: up to 16" Hg (540 mbar g)

570 CFM

#### Material Specifications:

Housing: Cast iron

End Plates: Cast iron

End Cover: Cast iron

Rotors: Ductile iron

Shafts: Ductile iron, cast integrally with rotors

Drive Shaft: Ductile iron, cast integrally with drive rotor

Gears: Heat treated alloy steel, helical cut

Seals: Lip seals on rotor shafts and drive shaft

Lubrication: Oil splash on gear end, grease on drive end

Bearings:

Gear end: Double row ball, both rotors

Drive End: Cylindrical roller on drive rotor, Single row ball on driven rotor

Helical Gearing

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Double Row Ball Bearings

Rotors with Integral Shafts

Positive End Clearances

Polished Sealing Surfaces

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Individually Tested

Carpet Cleaning, Dairy Milking, Mosquito Fogging, Wastewater Aeration, Trenchless Drilling, Air Sparging, Compost Aeration, Dust Collection, Vacuum Cleaning

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This can be used an exact drop in replacement for Dresser Roots URAI #56 vacuum blower (same footprint, same dimensions, same port openings). Shaft diameter is ?".

Shipping weight: ? lbs

Shipping Dimensions:

?

Applications:

Carpet Cleaning

Dairy Milking

- Mosquito Fogging

- Wastewater Aeration

Trenchless Drilling

Air Sparging

Compost Aeration

Vacuum Cleaning

Dust Collection

Mud Vac made by Ditch Witch.

Features:

- Gears: Helical gearing for quiet operation
- Bearings:

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Gear End: Double row ball  
Drive Shaft: Cylindrical roller

- Rotors: Ductile iron, integrally cast with shafts
- Lubrication:

Gear End: Oil splash  
Drive End: Grease

- Seals: Lip
- Low noise option available on most models
- Flow range: 6 - 2300 CFM (10 - 3900 m<sup>3</sup>/h)
- Pressure range: up to 15 PSIG (1.03 bar g)
- Vacuum range: up to 16" Hg (540 mbar g)
- Every unit tested before shipment
- Model 5006 performance curves
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- Model 4007 Performance Curves

## Rotary Positive Gas Blowers

Designed with features found ordinarily on high-end blowers, COMPETITOR GT blowers are still designed to be interchangeable, with respect to foot print, shaft height and diameter, with equivalent sizes of Roots Universal RAI-G<sup>®</sup>, and many Sutorbilt<sup>®</sup>; California Series Legend<sup>®</sup>; Series L and P, as well as M-D Pneumatics COMPETITOR PLUS<sup>®</sup>; blowers.

## Splash Oil Lubrication at One End

COMPETITOR GT blowers include splash oil lubrication at gear side and grease on shaft side.

## Helical Gearing

COMPETITOR GT blowers are timed with hardened, precision helical gears, keyed to the rotor shafts, not taper fit spur gears offered by other manufacturers which have greater backlash, and can slip and lose timing. Helical gears are also quieter, further reducing mechanical noise.

## Stronger Bearings

All COMPETITOR GT blowers include double row ball bearings at the gear end, stronger than single row ball bearings offered by other manufacturers. Drive shaft bearing is cylindrical roller type for additional strength against side loading from V-belt drives. As a result of this superior design, COMPETITOR GT blowers offer significantly longer bearing life than models offered by other manufacturers.

## Rotors with Integral Shafts

COMPETITOR GT blowers include precision machined ductile iron rotors with large, integrally cast shafts, not press fit and/or pinned shafts offered by other manufacturers, which can loosen

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over time and cause rotor clash. All rotors are dynamically balanced for vibration-free rotation.

#### Positive End Clearances

End clearances are positively established at the blower gear end, eliminating the risk of shifting end clearances when installing or removing drive components. This also eliminates the need for those special fork and saddle tools required by other brands to reset end clearances.

#### Polished Drive Shaft Sealing Surfaces

Driveshaft is polished to reduce seal wear and risk of leakage.

Every Tuthill blower is backed by the Tuthill Vacuum & Blower Systems limited warranty:

24 months from date of shipment, or 18 months after initial startup date, whichever occurs first.

12 months after sale

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Drop in replacement for: Roots URI 47 and Sutorbilt 4L

Owners Manual

Spec Sheet

The factory does not paint the blower.

They only apply a light primer spray to slow down rusting.

When you open the box all new blowers are rusted.

If you want us to take the blower out of the box and paint it, please let us know and we can do this for an extra fee.

Tuthill&trade; Blowers Models-Competitor Plus and SL

Comptitor Plus - 21 Series - Grease Lube on Drive End / Splash Lube on Gear End

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Comptitor Plus - 22 Series - Splash Lube on Drive End / Splash Lube on Gear End

Part # - Series 21- Horizontal Right Shaft  
Part # - Series 21- Horizontal Left Shaft  
Part # - Series 21- Vertical Top Shaft  
Part # - Series 21- Vertical Bottom Shaft  
Part # - Series 22- Horizontal Right Shaft  
Part # - Series 22- Horizontal Left Shaft  
Part # - Series 22- Vertical Top Shaft  
Part # - Series 22- Vertical Bottom Shaft

Tuthill Competitor 2002  
2002-21R2  
2002-21L2  
2002-21T2  
2002-21B2

Tuthill Competitor 2004  
2004-21R2  
2004-21L2  
2004-21T2  
2004-21B2

Tuthill Competitor 3002  
3002-21R2  
3002-21L2  
3002-21T2  
3002-21B2  
3002-22R2  
3002-22L2  
3002-22T2  
3002-22B2

Tuthill Competitor 3003

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3003-21R2  
3003-21L2  
3003-21T2  
3003-21B2  
3003-22R2  
3003-22L2  
3003-22T2  
3003-22B2

#### Tuthill Competitor 3006

3006-21R2  
3006-21L2  
3006-21T2  
3006-21B2  
3006-22R2  
3006-22L2  
3006-22T2  
3006-22B2

#### Tuthill Competitor 4002

4002-21R2  
4002-21L2  
4002-21T2  
4002-21B2  
4002-22R2  
4002-22L2  
4002-22T2  
4002-22B2

#### Tuthill Competitor 4005

4005-21R2  
4005-21L2  
4005-21T2  
4005-21B2  
4005-22R2  
4005-22L2  
4005-22T2  
4005-22B2

#### Tuthill Competitor 4007

4007-21R2  
4007-21L2  
4007-21T2  
4007-21B2  
4007-22R2  
4007-22L2



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4007-22T2  
4007-22B2

Tuthill Competitor 5003  
5003-21R2  
5003-21L2  
5003-21T2  
5003-21B2  
5003-22R2  
5003-22L2  
5003-22T2  
5003-22B2

Tuthill Competitor 5006  
5006-21R2  
5006-21L2  
5006-21T2  
5006-21B2  
5006-22R2  
5006-22L2  
5006-22T2  
5006-22B2

Tuthill Competitor 5009  
5009-21R2  
5009-21L2  
5009-21T2  
5009-21B2  
5009-22R2  
5009-22L2  
5009-22T2  
5009-22B2

Tuthill Competitor 6005  
6005-21R2  
6005-21L2  
6005-21T2  
6005-21B2  
6005-22R2  
6005-22L2  
6005-22T2  
6005-22B2

Tuthill Competitor 6008  
6008-21R2

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6008-21L2  
6008-21T2  
6008-21B2  
6008-22R2  
6008-22L2  
6008-22T2  
6008-22B2

Tuthill Competitor 6015  
6015-21R2  
6015-21L2  
6015-21T2  
6015-21B2  
6015-22R2  
6015-22L2  
6015-22T2  
6015-22B2

Tuthill Competitor 7006  
7006-21R2  
7006-21L2  
7006-21T2  
7006-21B2

Tuthill Competitor 7011  
7011-21R2  
7011-21L2  
7011-21T2  
7011-21B2

Tuthill Competitor 7018  
7018-21R2  
7018-21L2  
7018-21T2  
7018-21B2

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Important Option

Oil level must be topped off on new blowers  
Oil level must be changed after 50 hour break in period.  
Oil level must be changed every 200 hours after break in period.  
Gardner Denver 28G46 Brand Blower Oil Aeon PD-XD Full Synthetic  
Formula Extra Heavy Duty for High Heat Applications 28G47-QT  
Add to your shopping cart now!

*Availability: This product was added to our catalog on Friday 24 June, 2022*