



INSTRUCTIONS & PARTS LIST FOR SZER4003TF AND SZER4006TF SERIES ROUTERS
Read and understand these instructions before operating this tool.
SAVE THESE INSTRUCTIONS!

⚠ WARNING



When used improperly power tools can create hazardous situations.
Everyone using, maintaining, changing accessories or working near this tool must read, understand and follow these Safety Instructions!
Improperly used power tools can cause injury or death.

SAFETY INSTRUCTIONS FOR AIR TOOLS



Routers can cause flying particles.
Proper eye protection must be worn at all times by tool user and bystanders.
Flying particles can cause eye injury.



Routers generate noise.
Ear protection must be worn when tool noise level exceeds 85dBA. We also recommend that ear protection be worn when the tool noise level is below 85dBA. See the tool's information sheet for the noise level.
Prolonged exposure to noise can cause hearing loss.



Routers vibrate.
Excessive vibration can cause injury. If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician. See the tool's information sheet for the vibration level.
Prolonged exposure to vibration can cause injury.



This tool is not insulated for contact with electric power sources.
Do not use near live electric circuits.
Electric shock can cause injury.



This tool is not intended for use in an explosive atmosphere.
Do not use this tool in a flammable or explosive atmosphere.
Explosions and fire can cause injury.



Poorly maintained and lubricated tools can fail unexpectedly.
Keep tool properly lubricated and in good repair at all times. Use only Sioux Air Motor Oil No. 288. See the tool's information sheet to find out what other greases and oils to use. Do not drop the end of the hose on the floor where it will pick up dirt and transport it into the tool. See information sheet for any additional maintenance requirements.
Unexpected tool failures can cause injury.



Tools not operated at proper air pressure can operate erratically.
Do not exceed a maximum air pressure of 90 psig/6.2 bar. Use an air regulator to maintain proper air pressure.
Erratic operation in power tools can cause injury.



Air hoses can come loose from power tools and whip.
Inspect and do not use tools with loose or damaged air hoses or fittings.
Whipping air hoses can cause injury.



When disposing of a tool, do it in a way that does not harm personnel or the environment.



Tools left connected to the air supply while making adjustments, changing accessories, or doing any maintenance or service on tool can start unexpectedly.
Always remove tool from air supply and activate trigger to bleed air line before making any adjustments, changing accessories, or doing any maintenance or service on tool.
Tools starting unexpectedly can cause injury.



Routers may coast for a short time after the trigger is released.
Be sure tool has come to a complete stop before setting it aside.
Routers that do not come to a complete stop before setting aside can cause injury.

AIR SUPPLY

The efficiency of the tool is dependent on the proper supply of clean dry air at 90 psig (6.2 bar). The use of a line filter, pressure regulator, and lubricator will insure maximum output and life of tools. Before connecting tool, blow out the air line to remove water and dirt which may have accumulated.

HOSE AND HOSE CONNECTIONS

Supply hose should be not less than 3/8" (10mm) I.D. Extension hoses should be at least 1/2" (13mm) I.D. Use couplings and fittings with at least 3/8" (10mm) I.D.

LUBRICATION

Use SIOUX No. 288 air motor oil. An airline lubricator, set to deliver 2 to 3 drops per minute, is recommended. If a lubricator is not used, add .08 oz. (2.4 cc, 24 to 30 drops) of oil into the air inlet every 2 to 3 hours.

GENERAL OPERATION

- The tool may be equipped with a lock-out type lever in order to prevent accidental startup.
- For best results, the direction of the tool travel is generally from left to right.
- It is recommended that movement be counterclockwise on outside curves and clockwise on inside curves. The tool spindle rotates clockwise.



Snap-on Power Tools, Inc.

CHANGING CUTTING BITS

1. Disconnect tool from air line.
2. Remove nose piece assembly.
3. Hold spindle stationary with a wrench. Loosen collet nut with wrench.
4. Insert bit into collet to desired depth. Tighten collet securely. Replace nose peice assembly.

ADJUSTMENTS

1. Nose height may be adjusted to expose desired length of cutter edge by loosening the lock ring and rotating the nose.

SOUND AND VIBRATION READINGS			
Catalog No.	*Sound Pressure dBA	*Sound Power dBA	*Vibration m/s ²
SZER4003TF	89.0	100.6	2.7
SZER4006TF	89.0	100.6	2.7
	*per PN8NTC1	*per PN8NTC1	*per ISO 8662

PARTS LIST FOR SZER4003TF SERIES ROUTER

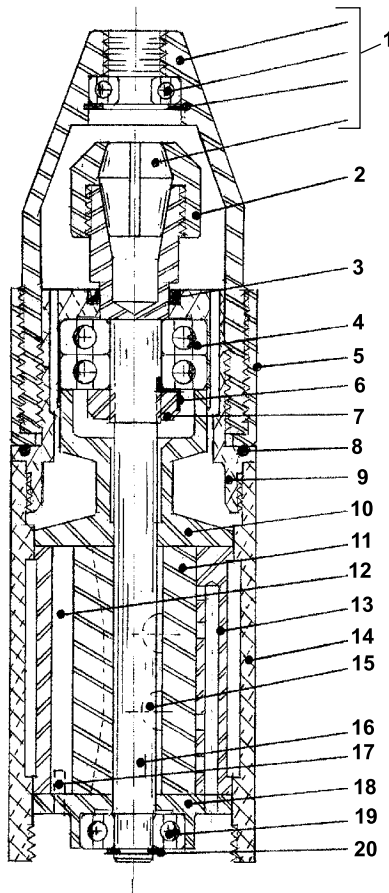


Fig. No.	Part No.	Description
1.	—	See Nose Assembly Chart
2.	SZE348	Collet Nut
3.	SZE344	Seal
4.	SZE349	Ball Bearing
5.	SZE210	Lock Collar
6.	SZE346	Lock Washer
7.	SZE345	Lock Nut
8.	SZE332	O Ring
9.	SZE209	Bearing Housing
10.	SZE207	Front Plate
11.	SZE216	Rotor
12.	SZE350	Rotor Blade (4)*
13.	SZE351	Cylinder
14.	SZE212	Motor Housing
15.	SZE167	Key (2)*
16.	SZE206	Spindle
17.	SZE184	Pin
18.	SZE208	Rear Plate
19.	SZE180	Ball Bearing
20.	SZE347	Snap Ring

SZE352 1/4" NOSE ASSEMBLY	
SZE266	NOSE
SZE168	BALL BEARING
SZE171	SNAP RING
SZE342	COLLET
SZE353 3/8" NOSE ASSEMBLY	
SZE213	NOSE
SZE179	BALL BEARING
SZE172	SNAP RING
SZE343	COLLET

SZEA572 Throttle Assembly—Trigger Type

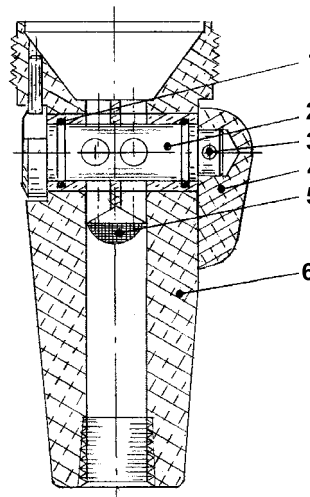


Fig. No.	Part No.	Description
1.	SZE381	O Ring (2)*
2.	SZE456	Valve
3.	SZE571	Pin
4.	SZE507	Trigger
5.	SZE195	Sreen
6.	SZE570	Throttle Body

*Order Quantity As Required
 FURNISH CATALOG, SERIAL, AND
 MODEL NUMBER WHEN ORDERING PARTS

PARTS LIST FOR SZER4006TF SERIES ROUTER

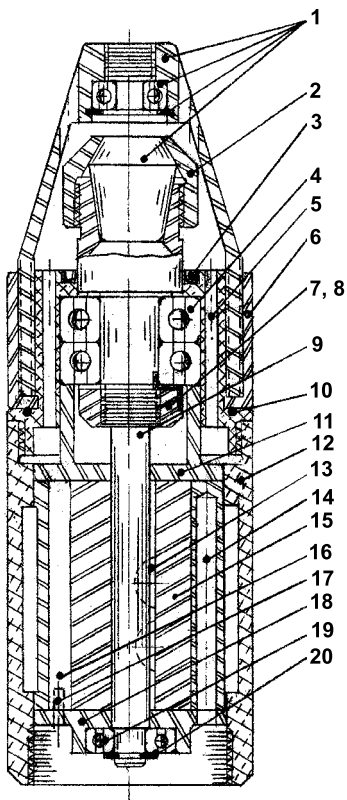


Fig. No.	Part No.	Description
1.	—	See Nose Assembly Chart
2.	SZE177	Collet Nut
3.	SZE166	Seal
4.	SZE165	Ball Bearing (2)*
5.	SZE258	Bearing Housing
6.	SZE279	Nose Lock Collar
7.	SZE170	Washer
8.	SZE169	Lock Nut
9.	SZE466	Spindle
10.	SZE333	O Ring
11.	SZE152	Front Plate
12.	SZE328	Motor Housing
13.	SZE167	Key (2)*
14.	SZE181	Cylinder
15.	SZE182	Rotor
16.	SZE183	Rotor Blade (4)*
17.	SZE184	Pin
18.	SZE185	Rear Plate
19.	SZE180	Ball Bearing
20.	SZE347	Snap Ring

SZE367 1/4" NOSE ASSEMBLY	
SZE361	NOSE
SZE168	BALL BEARING
SZE171	SNAP RING
SZE174	COLLET
SZE368 3/8" NOSE ASSEMBLY	
SZE362	NOSE
SZE179	BALL BEARING
SZE172	SNAP RING
SZE175	COLLET
SZE369 1/2" NOSE ASSEMBLY	
SZE363	NOSE
SZE105	BALL BEARING
SZE173	SNAP RING
SZE176	COLLET

SZE573 Throttle Assembly—Trigger Type

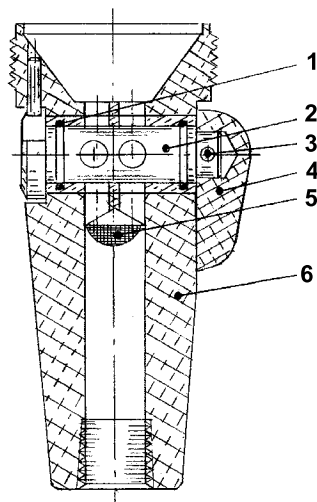


Fig. No.	Part No.	Description
1.	SZE381	O Ring (2)*
2.	SZE456	Valve
3.	SZE571	Pin
4.	SZE507	Trigger
5.	SZE195	Screen
6.	SZE505	Throttle Body

*Order Quantity As Required
FURNISH CATALOG, SERIAL, AND MODEL NUMBER
WHEN ORDERING PARTS



⚠ WARNING



Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm.

⚠ ADVERTENCIA



El polvo generado al lijar, aserrar, afilar, taladrar y realizar otras tareas de construcción contiene compuestos químicos que podrían provocar cáncer, malformaciones congénitas y otras alteraciones del aparato reproductor.



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Form Z714

Date 2004January16/A

This pdf incorporates the following model numbers:

SZER4003TF, SZER4006TF4