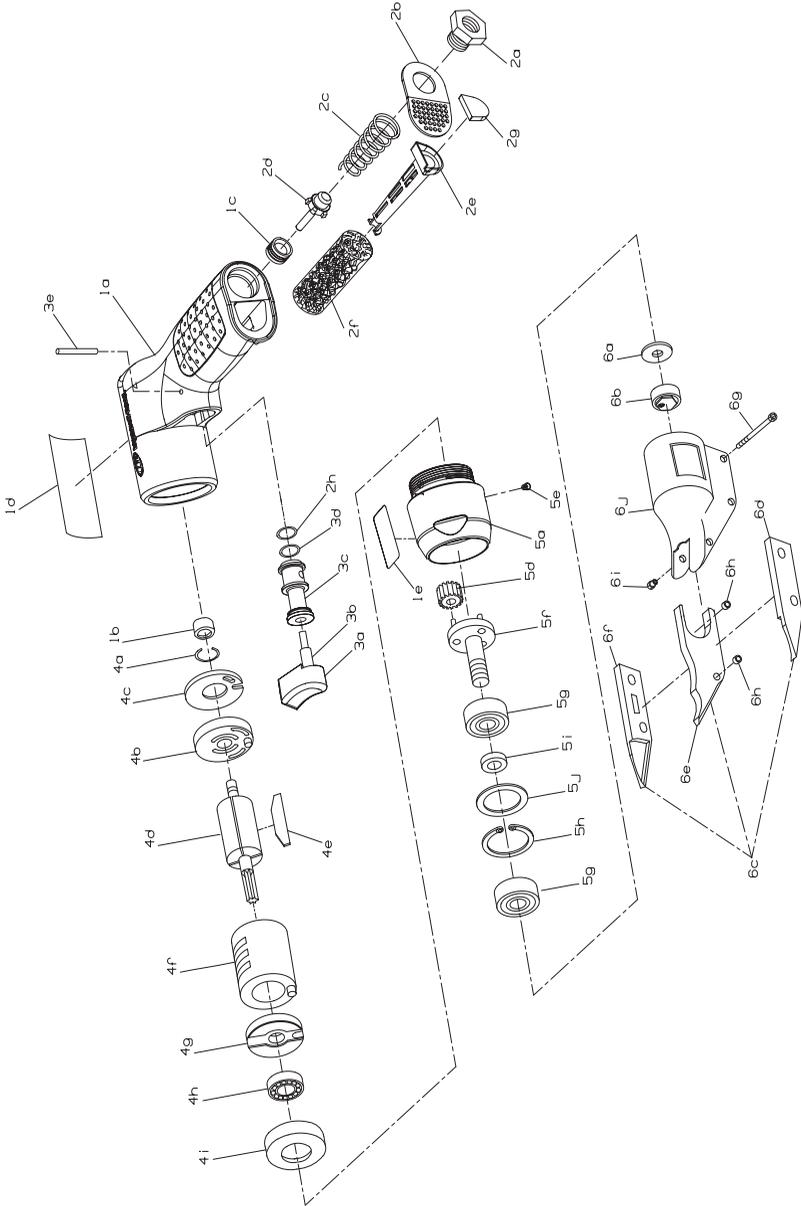


7802SA Air Shear Exploded Diagram



(Dwg. 16571770)

7802SA Air Shear Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Housing Assembly	7802SA-A40	5	Gearcase Assembly	7802SA-A37
1a	Housing		5a	Gearcase	
1b	Rear Rotor Bearing		5d	Planet Gear (set of 3)	7802A-A10
1c	Throttle Valve Seat		5e	Grease Fitting	
1d	Nameplate	7802SA-301	5f	Spindle	7802SA-8
1e	1-800-Label		5g	Ball Bearing (2)	7802A-105
2	Inlet / Exhaust Assembly	7802A-A50	5h	Retaining Ring	
2a	Inlet Bushing		5i	Inner Bearing Spacer	
2b	Exhaust Deflector		5j	Outer Bearing Spacer	
2c	Throttle Valve Spring		6	Shear Attachment	7802S-K1
2d	Throttle Valve		6a	Washer	7802S-6025
2e	Exhaust Silencer Frame		6b	Eccentric Driver	7802S-6024
2f	Exhaust Silencer		6c	Blade Kit	7802S-A6022
2g	Silencer Element		6d	Left Blade	
2h	O-Ring		6e	Center Blade	
3	Trigger Assembly	7802A-A93	6f	Right Blade	
3a	Trigger		6g	Cap Screw (3)	7802S-6028
3b	Trigger Shaft		6h	Spacer Bushing (2)	7802S-6027
3c	Trigger Bushing		6i	Cap Screw Nut (3)	7802S-6031
3d	O-Ring		6j	Shear Head	
3e	Trigger Retainer Pin		*	Cap Screw Wrench	7802S-6029
4	Motor Assembly	7802A-A53			
4a	Rear Rotor Retainer				
	Rear Endplate Assembly	7802A-A12			
4b	Rear Endplate				
4c	Endplate Gasket				
4d	Rotor	7802A-53			
4e	Vane Pack (Set of 6 Vanes)	7811R-42-6			
4f	Cylinder and 2 Pins	7802A-A3			
4g	Front Endplate	7811-11			
4h	Front Rotor Bearing	7811-24			
4i	Bearing Support				

* Not Illustrated.

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center. Refer all communications to the nearest **Ingersoll-Rand** Office or Distributor.

Related Documentation

For additional information refer to:
Air Shear Safety Information Manual 04580494, Air Shear Product Information Manual 04580502.

Manuals can be downloaded from www.irtools.com.