

SERIES 93 AND 95 DIGGERS

For Parts Call Tools Renewed, Inc.
800-247-3639 Fax 860-665-9821

Always operate, inspect and maintain this tool in accordance with American National Standards Institute Safety Code for Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.

FOR TOP PERFORMANCE AND MAXIMUM DURABILITY OF PARTS, OPERATE THIS TOOL AT 90 psig (6.2 bar/620 kPa) AIR PRESSURE WITH 3/4" (19 mm) AIR SUPPLY HOSE.

WARNING

Always turn off the air supply and disconnect the air supply hose before installing, removing or adjusting any accessory on this tool, or before performing any maintenance on this tool. Failure to do so could result in injury.

PREPARATION FOR SERVICE

Pour about 3 cc of clean kerosene into the air inlet and operate the tool for 10 or 15 seconds. Immediately afterward, disconnect the hose and pour about 3 cc of Ingersoll-Rand Lubricant No. 10, light valve oil, or high-speed spindle oil into the air inlet and again operate the tool to lubricate the internal parts cleaned by the kerosene.

LUBRICATION

Use Ingersoll-Rand Lubricant No. 10, or a good grade, non-gumming, high-speed spindle oil.

We recommend an air line lubricator be used with each tool. Install an Ingersoll-Rand No. 8LUB12 lubricator unit (1/2 pt. capacity) as close to the tool as practical. Adjust the lubricator so there is a slight oil mist in the exhaust. Unless a lubricator is used, lubricate the tool as follows:

For T-Handle Tools: At the beginning of the work shift after each eight hours of operation, unscrew the Oiler Plug (33) from the Oiler Body (32) and fill the chamber with the recommended oil.

For Tools with Trigger Handle: At the beginning of the work shift and after each two or three hours of operation, pour 3 cc of the recommended oil into the air inlet.

After each 48 hours of operation, or at any time the tool operates sluggishly, flush the tool with kerosene as described in Preparation for Service. Immediately afterward, pour 3 cc of the recommended oil into the air inlet and operate the tool long enough to lubricate the internal parts cleaned by the kerosene.

CAUTIONS

Keep the Handle Bolt Nuts (16) tight. Check periodically. Install the Buffer (27), Buffer Spacers (28) and Buffer Washers (29) in the order illustrated in the sectional views. Note that tools with a hexagon Nozzle (24) have the Buffer Spacer installed adjacent to the Nozzle while tools with a square Nozzle have the Buffer Spacer installed adjacent to the forward end of the Retaining Sleeve (26).

Install a new 7/8" Hexagon Nozzle beveled end first, counterbored end outward.

Install a new 3/4" Square Nozzle square end first, counterbored end outward.

(Continued on Page 3.)

Notice: The use of other than genuine Ingersoll-Rand replacement parts may result in decreased tool performance and increased maintenance, and may invalidate all warranties.

INGERSOLL-RAND®
PROFESSIONAL TOOLS

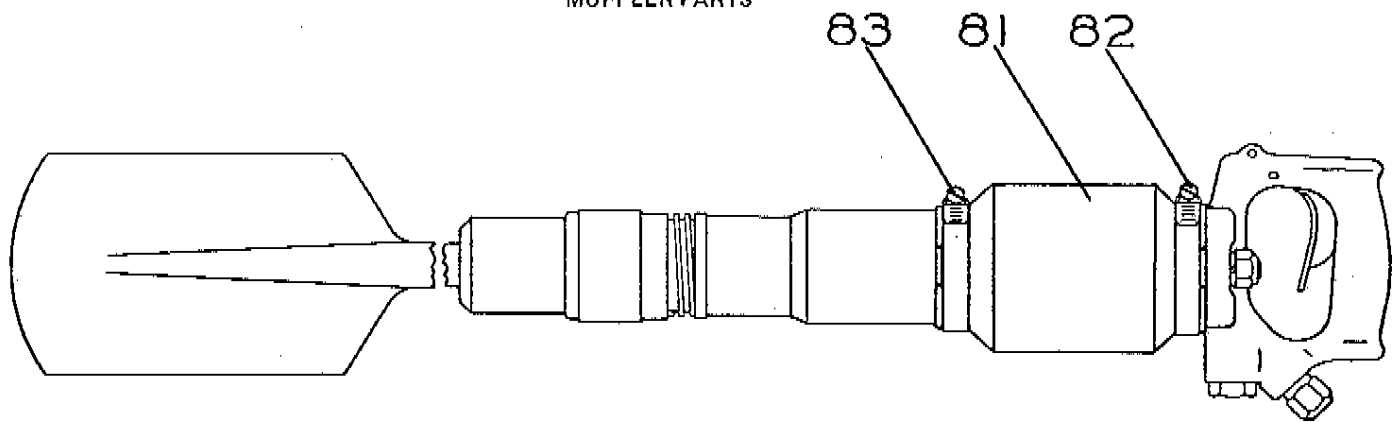
PART NUMBER FOR ORDERING →

21	Oversize Piston .010" oversize for Series 93..... for Series 95.....	93H-200-10 95H-200-10
24	Oversize Nozzle 1" Hexagon .001" oversize..... .002" oversize.....	93H-186-10 93H-186-20

Piston (21): If the barrel bore becomes sufficiently worn to require an oversize Piston, the Barrel (22) must be returned to the factory for regrinding and installation of an oversize Barrel Bushing (23). A reground Barrel is stamped "10" or "20" above the nameplate to respectively indicate .010" or .020" oversize. Use only the corresponding oversize Piston in a stamped Barrel.

A Nozzle (24) whose outside diameter is .001" or .002" oversize can be furnished as a repair part. Do not increase the oversize each time the Nozzle is replaced, but only as the fit warrants it. Do not increase the oversize by more than .001" at any time. The amount of oversize is etched on the Nozzle for easy identification.

MUFFLER PARTS

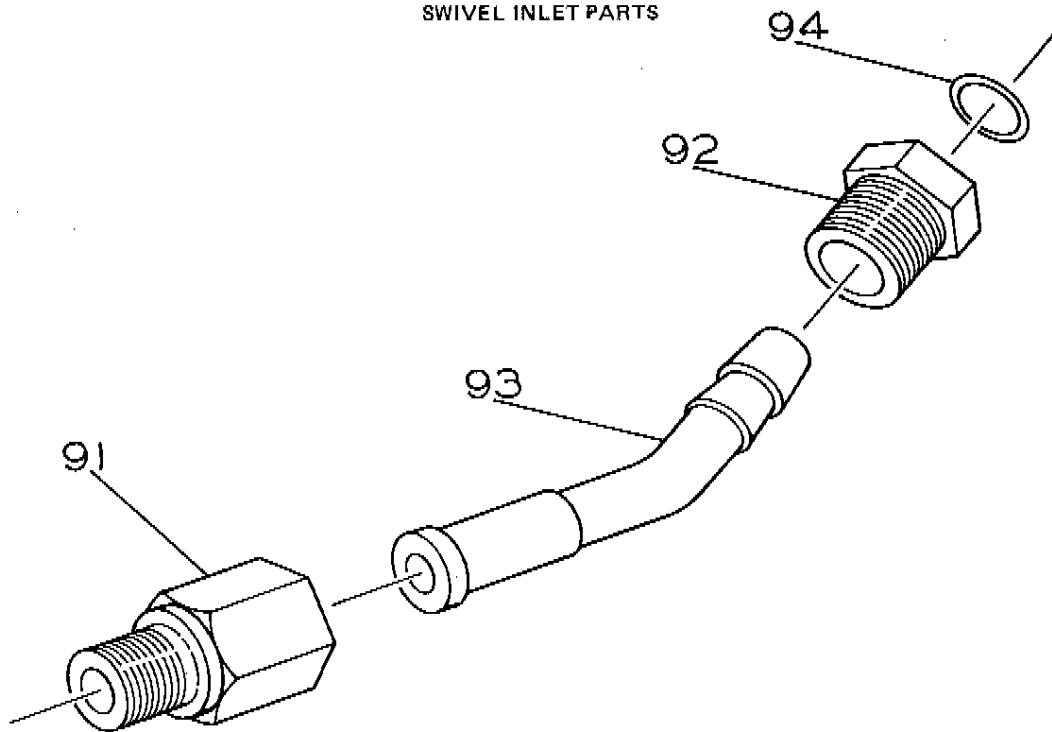


(Dwg. TPD431-1)

PART NUMBER FOR ORDERING

		Series 93	Series 95
81	Muffler Kit	93H-K674	95H-K674
	Muffler (2).....	73H-674	75H-674
82	Large Clamp.....	59H-675	59H-675
83	Small Clamp.....	HHW1-676	HHW1-675

SWIVEL INLET PARTS



(Dwg. TPD931)

PART NUMBER FOR ORDERING

91	Swivel Inlet Assembly	HH1-A165
92	Reducing Bushing	HH1-165
93	Swivel Inlet Sleeve	HH1-166
94	Swivel Inlet Nipple	HH1-167
	O-ring	R00BR-210

MAINTENANCE TOOLS

TOOL NUMBER FOR ORDERING	TOOL NAME FOR ORDERING	OPERATION
MT2-27	Socket Wrench	Removing or applying the Handle Bolt Nuts (16).
57H-119	Nozzle Ejecting Arbor	Removing the Nozzle (24) from the Barrel (22).

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