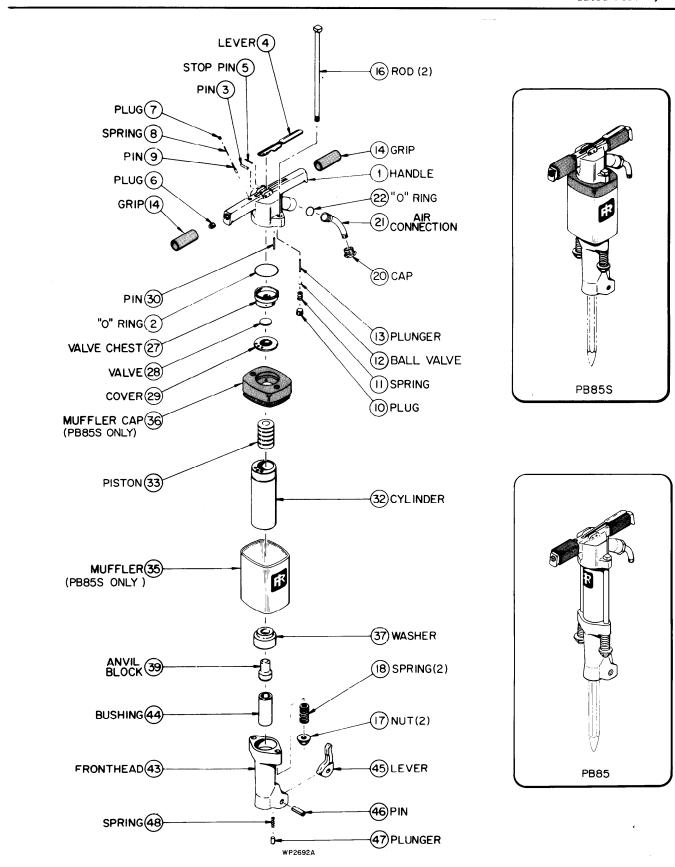
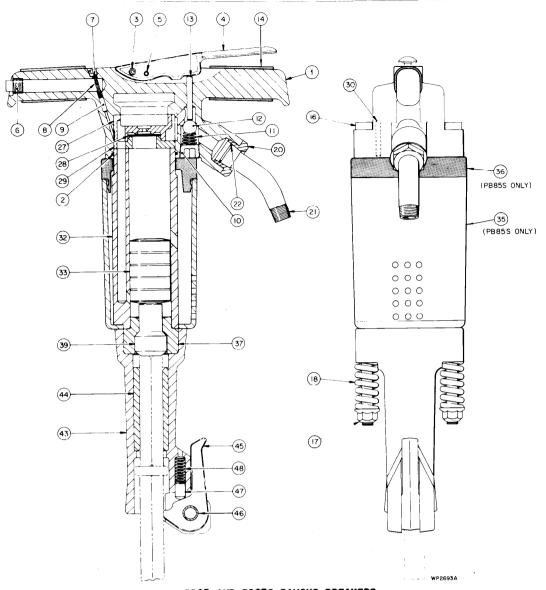
PB85 AND PB85S PAVING BREAKERS AND SPIKE DRIVERS (For description of parts refer to pages 3 and 4)

PS-5500.16 Sheet 1 and 4) September 9, 1985 Cancels PS-5500.16, Sh. 1, dated Feb. 6, 1985



INGERSOLL-RAND



PB85 AND PB85S PAVING BREAKERS

RECOMMENDED SPARES

The spare part recommendations are shown in three columns under heading "Recommended Spares". Recommendations are given for three (3) classes of installation, based on spare parts availability and cover one shift operation for one year.

CLASS 1 (Min.) - Covers recommended quantities of spares for a single unit where additional spare parts are ordinarily available from Branch or Dealer stock.

CLASS 2 (Av.) - Covers recommended quantities of spare parts for a single unit where additional spare parts would not be readily available.

CLASS 3 (Max.) - Covers recommended quantities of spare parts for a single unit where maximum protection from major shutdown must be afforded such as an export installation.

The Spare Part Recommendations are applicable to machines now being assembled. When spares are ordered for specific machines by serial numbers, it may be necessary to make a few substitutions to insure supplying parts that will fit the specific machines for which they are intended.

Since we are not familiar with local operation and maintenance conditions, we cannot guarantee that these recommendations include every part which may be required in any given period of time, nor can we warrant that all of these parts will be needed. Generally, however, we are confident that these recommendations will provide reasonably good protection.

When ordering spares, please give (1) the NAME of the part as listed, (2) the PART NO. as listed and stamped on the part, and (3) the SERIAL NUMBER of the machine.

DO NOT use illustration numbers when ordering spare parts. To save time send all orders for parts to the nearest branch office or agent.

WHEN NECESSARY TO SEND ANY PART OF THIS MACHINE TO THE FACTORY, INQUIRE AT OUR NEAREST BRANCH OFFICE FOR SPECIAL INSTRUCTIONS.

NO. F0803 Parts indented under an item are included with that item T T 1 2 3 1 *50991447 X HANDLE 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 1 - 1 1 - 1 1 - 1			•			RECOMMENDED SPARES		
Parts indented under an item Y. 1 2 3 are included with that item Min. Av. Max. 1 *50991485 X HANDLE Max. 1 *5099768 X PIN, THAOTLE VALVE 1 - 1 1 4 *5099766 X PIN, THEOTTLE VALVE 1 - 1 1 5 5099766 X PIN, HETERING VALVE 1 - 1 1 6 95033619 X PLUG, OIL RESERVOIR 1 <td></td> <td>P885</td> <td>P885S</td> <td>NAME OF PART</td> <td colspan="2"></td> <td colspan="2">CLASS</td>		P885	P885S	NAME OF PART			CLASS	
1 *5091447 X HANDLE 1 <	NO.							- 1
2 9508716 X D-RIMG, HANDLE 1 - 1 - 1 1 3 *50997568 X LEVER, THROTTLE VALVE 1 1 1 6 95033619 X LEVER, THROTTLE VALVE 1 1 1 7 95043559 PLUG, GTL METERING 1 1 1 1 9 50720523 X SPRING, OTL METERING 1								
3) *50997465 X PIN, THROTTLE VALVE 1 4) *50997465 X STOP PIN, LEVER 1 5) 50997668 X STOP PIN, LEVER 1 6) 9503619 X PLUG, OIL, METERING 1 9) 50720523 X SPRIMG, OIL, METERING 1 10) 95267191 X PLUG, THROTTLE 1 1 11 50250539 X SPRIMG, THROTTLE 1 1 1 12 50720572 X BALL VALVE 1 1 1 1 12 50720572 X ASEMBLY ROD 2 - 1 1 1 14 50973012 X GRIP, HANDLE 2 - 1 1 1 15 50775527 X ASEMBLY ROD 2 - 1 1 1 18 50022631 X SPRIMG, ASSEMBLY ROD 2 - 1 1 1 - 1 20 *50028117 X CAR COMMECTION ASEMBLY ROD 2 - 1 1			X			_	ı	,
9 50720556 X PIN_01L METERING 1 10 95267191 X PLUG, THROTTLE 1 11 50250539 X SPRING, THROTTLE 1 12 50720572 X BALL VALVE 1 13 50720465 X PLUMCER, THROTTLE 1 14 5097312 X GRIP, HANDLE 2 ASSEMBLY ROD 2 16 50775527 X ASSEMBLY ROD 2 17 50951664 X LOCKNUT, ASSEMBLY ROD 2 18 5002263 X SPRING, ASSEMBLY ROD 1 19 50022613 X SPRING, ASSEMBLY ROD 1 10 *50028117 X CAP AIR CONNECTION PARTS 10 *50028117 X CAP AIR CONNECTION PARTS 10 *50028161 X .AIR CONNECTION PARTS 11 1 20 *507550 X CAP AIR CONNECTION PARTS 11 1 21 *50974013 X .AIR CONNECTION PARTS 11 1 22 *507550 X COVER, VALVE CHEST AND PARTS 12 *507550 X COVER, VALVE CHEST 1 1 23 5077550 X COVER, VALVE CHEST 1 1 24 *5097407 X AIR CONNECTION PARTS 15 * VALVE CHEST AND PARTS 1 1 25 \$1042984 X CHEST, VALVE CHEST 1 1 33 50402700 X PISTON 1 1 34 * 50997675 X MAVUE AND PISTON 35 NOT USED \$1076776 MUFFLER AND PARTS 36 NOT USED \$10767784 CAP, MUFFLER 1 1 37 \$0775519 X MAYEL BLOCK 1 1 39 50997675 X MAVUE BLOCK 1 1 40 * FRONTHEAD ASSEMBLY (STANDARD 1 41 * 1 1 1 42 * 50097683 X .FRONTHEAD ASSEMBLY (STANDARD 1 43 5009769 X FRONTHEAD ASSEMBLY (STANDARD 1 44 50008234 X .PUMGE RATINER LEVER 1 1 47 * 5009769 X FRONTHEAD ASSEMBLY (OFTIONAL) 43 50997691 X FRONTHEAD ASSEMBLY (OFTIONAL) 44 50008234 X .PUMGER RETAINER LEVER 1 1 47 * 50097693 X .FRONTHEAD ASSEMBLY (PTIONAL) 43 * 50997693 X .FRONTHEAD ASSEMBLY (PTIONAL) 44 * 50008234 X .FRONTHEAD CSTANDARD 1 45 * 50997693 X .FRONTHEAD ASSEMBLY (PTIONAL) 43 * 50997693 X .FRONTHEAD ASSEMBLY (PTIONAL) 44 * 50008242 X .BUSHING, FRONTHEAD (PTIONAL) 45 * 50997693 X .FRONTHEAD COSTANDARD 1 46 * 50997584 X .PUMGER RETAINER LEVER	3		Ŷ	PIN.THROTTLE VALVE LEVER		-	•	'
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FOR 28.57mm[1-1/8in.]HEX. 43 50997683 X .FRONTHEAD 1 44 50008242 X .BUSHING, FRONTHEAD (OPTIONAL) 1 1 45 50997600 X .LEVER, RETAINER 1 - 1 46 50997584 X .PIN, RÉTAINER LEVER 1 - 1 47 50019728 X .PLUNGER, RETAINER LEVER 1 - 1	40						'	'
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45 50997600 X .LEVER, RÉTAINER 1 1 1 46 50997584 X .PIN, RÉTAINER LEVER 1 - 1 1 47 50019728 X .PLUNGER, RETAINER LEVER 1 - 1 1						_	1	1
46 50997584 X			Ŷ			-		
47 50019728 X			Î		1	-	-	
		50019728	X	.PLUNGER, RETAINER LEVER	1	-		1
48 50019579 X	48	50019579		SPRING, RETAINER LEVER	1	-		1

NOTE: THE "X" INDICATES THAT THE PART NUMBER IS THE SAME FOR BOTH MODEL PAVING BREAKERS.

*Changed or added over previous printing.

The PB85 and PB85S Paving Breakers are high-quality tools designed for the majority of heavy-duty demolition jobs. They are especially suited to tearing up concrete, asphalt, or stone paving in road construction jobs; tearing down walls, foundations, and floors in general construction and maintenance work; breaking up large rocks and boulders in mines and quarries; and general demolition work in any industry.

The PB85 and PB85S Paving Breakers are identical in construction except that the PB85S is fitted with an integral muffler that reduces the noise level of the breaker and extends its application possibilities.

The PB85 and PB85S Spike Drivers are essentially the PB85 and PB85S Paving Breakers with spike driver front head parts (refer to illustration below).

STANDARD EQUIPMENT:

Each standard Paving Breaker and Spike Driver is a complete unit ready to be put into service with proper lubrication. There are no extra parts or special fittings required.

The standard PB85 and PB85S Paving Breakers have a Fronthead Bushing (50008234) for 32 mm hex. x152 mm lg (1-1/4 in. x 6 in. lg) paving breaker shank.

OPTIONAL FRONTHEAD BUSHING:

An optional Fronthead Bushing (50008242) for a 29 mm hex. x 152 mm lg (1-1/8 in. hex. x 6 in. lg) paving breaker shank is available and will be furnished when specially ordered.

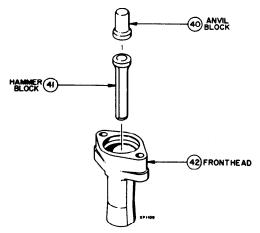
LUBRICATION:

A high-quality Rock Drill Oil conforming to the physical and chemical properties outlined in the Instruction Book, Form 4921 must be added to the operating air supply to lubricate the moving parts of the PB85 and PB855. The method of lubrication depends on actual operating conditions and customer preference:

a. The lubricating-oil reservoir built in the handle will provide proper lubrication. It must be checked every two hours and refilled as necessary.

b. For intermittent operation with an air-supply hose no longer than 15 m (49 ft), a compressor-mounted lubricator can be used.

c. For continuous operation during an eight-hour shift, an Ingersoll-Rand IRO-16F, or other constant-feed air line lubricator, should be installed in the air-supply line about 3.5 m (11.5 ft) from the breaker. The IRO-16F has a capacity of 0.47 liters (1 U.S. pint) and will be furnished when specially ordered.



PB85 AND PB85S SPIKE DRIVER PARTS

			Q T Y.	RECOMMENDED SPARES			
REF.	PART NO.	NAME OF PART		CLASS			
NO.		Parts indented under an item are included with that item		1 Min.	2 Av.	3 Max.	
40 41	50784560 50021575	ANVIL BLOCK	1				
42	50784578	FRONTHEAD	i				

NOTE: When the PB85 or PB855 Breaker is used as a Spike Driver, the following standard parts must be replaced by the above parts: Anvil Block, Fronthead, Fronthead Bushing, Steel Retainer Lever, Lever Pin, Retainer Plunger and Retainer Spring.

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