

BRUKSANVISNING / USER MANUAL

150BMP D88 Installation and Maintenance 03524857

Ingersoll Rand 150BMER/VRSM-991 · 150BMGE21LH-11 · 150BMPD88L54-020 · 150BMPD88R54-020 · 150BMPE81R15-00N · 150BMPE88L54-200 · +9

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Service · Kalibrering · Originalreservdelar

Service · Calibration · Genuine spare parts



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Air Starters

Series 150BMP

Models D88R54 And D88L54

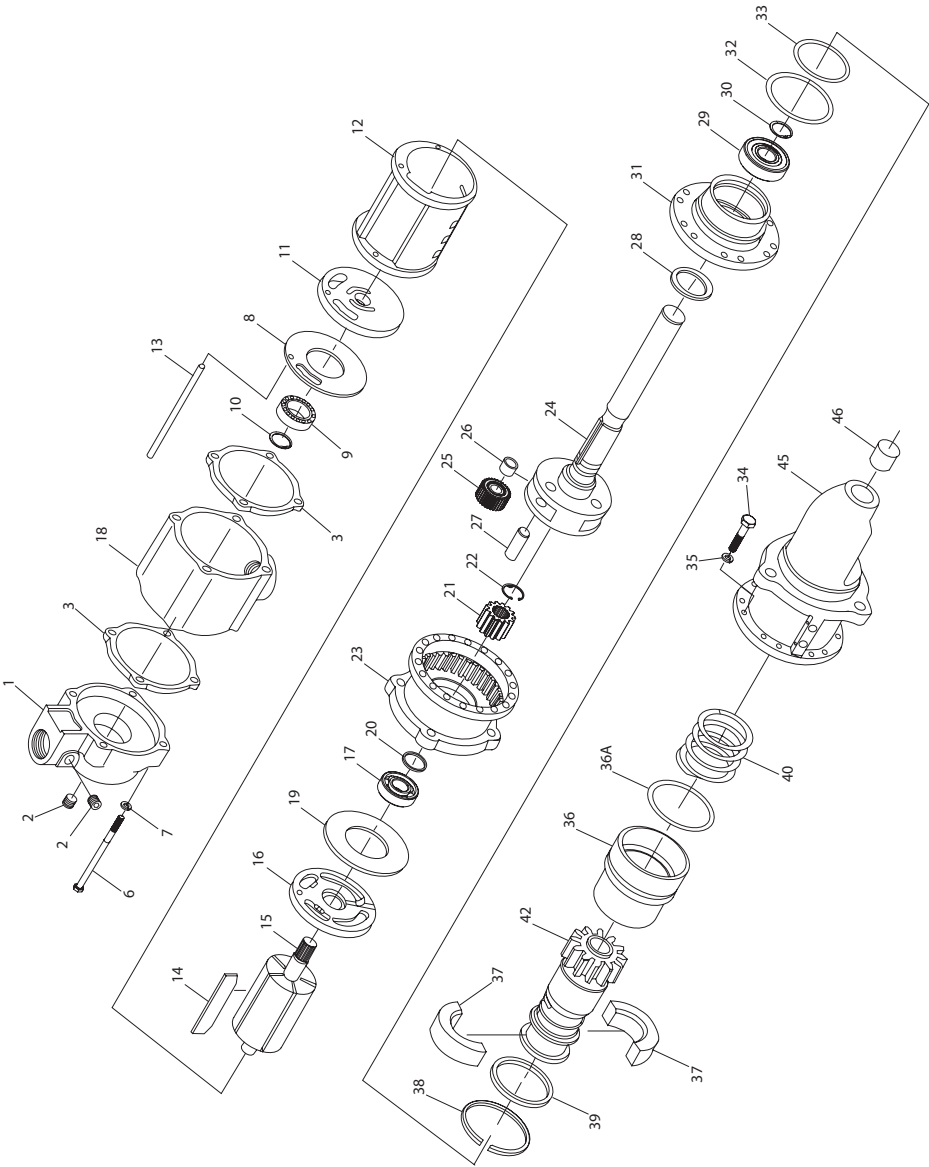
Installation and Maintenance Information



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Air Starters, Series 150BMP Models D88R54 and D88L54 - Exploded View



(Dwg. TPA484-3)

Air Starters, Series 150BMP Models D88R54 and D88L54 - Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
†1	Motor Housing Cover Assembly (I-1/4")	150BMP-A102A	‡ 30	Planet Gear Frame Retaining Ring	C6H20A-6
2	Lubricator Port Plug (3)	HSPPS-3	31	Gear Case Cover Assembly	101BMP-A378-2
*	Nameplate	150BM-301	‡ 32	Gear Case Cover Seal	150BMP-607
*	Nameplate Screw (3)	R4K-302	‡ 33	Piston Seal	150BMP-604
6	Motor Housing Cover Cap Screw (4)	107-25	34	Drive Housing Cap Screw (9)	10BM-744
7	Cover Cap Screw Lock Washer (4)	D02-504	35	Drive Housing Cap Screw Lock Washer (12)	10BM-67
‡ 8	Motor Housing Cover Gasket	150LF-283	36	Piston Assembly	150BMP-703
‡ 9	Rear Rotor Bearing	R3H-24	36A	O-Ring	150BMP-337
‡ 10	Rear Rotor Bearing Retainer	C57-729	37	Shift Ring (two halves)	101BMP-705-1
11	Rear End Plate	150LF-12A	38	Shift Ring Retainer	10BMP-606
12	Cylinder	150BM-3	39	Shift Ring Spacer	10BMP-602
13	Cylinder Dowel	10BM-98	40	Piston Return Spring	101BMP-700-1
‡ 14	Vane Packet (set of 5 Vanes)	10BM-42-5	42	Bendix Starter Drive	
15	Rotor	10BMP-53		for Model D88R54	101BMP-299-1
16	Front End Plate	150LF-11A		for Model D88L54	101BMP-299-2
‡ 17	Front Rotor Bearing	S12-218	45	Drive Housing Assembly	150BMP-300-88
18	Motor Housing	10BM-40	‡ 46	Drive Housing Bearing	ML50K-318
‡ 19	Gear Case Gasket	150LF-284	*	Air Strainer Assembly	K4U-A267AT
20	Rotor Pinion Spacer	101BMPD-753	*	Air Strainer Cap	K4U-286AT
21	Rotor Pinion	101BMPD-17	*	Air Strainer Plug	22SR-165
‡ 22	Rotor Pinion Retainer	10BM-69	*	Air Strainer Screen	K4U-61AT
23	Gear Case	101BMPD-37	*	Air Strainer Nipple (1-1/4" x 2-1/2")	SS350-HN20
24	Planet Gear Frame	101BMPD-367-1	*	Road Splash Deflector Assembly	150BM-A735
25	Planet Gear Assembly (3)	101BMPD-A10	*	Muffler Assembly	150BM-A674
26	Planet Gear Bearing (3)	D01-243	*	Tune-up Kit (includes illustrated parts 8, 9, 10, 14, 17, 19, 22, 29, 30, 32, 33 and 46)	150BMPD-TK1
27	Planet Gear Shaft (3)	101BMPD-191			
28	Planet Gear Frame Thrust Ring	R3H-511			
‡ 29	Planet Gear Frame Bearing	101BMPD-510			

‡ Indicates Tune-up Kit part.

* Not Shown

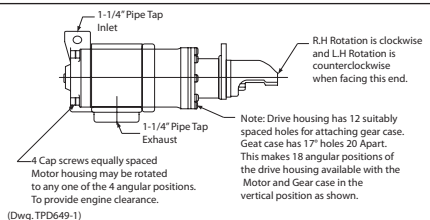
† If the Motor Housing Cover being replaced has a 1" inlet, Order no. 11BMP-800-3 Adapter (1-1/4"x1")

Lubrication

For temperatures above 32° F (0° C), use a good quality SAE 10 non-detergent motor oil. For temperatures below 32° F (0° C), use diesel fuel. We recommend the use of an **Ingersoll Rand** No. HDL2 lubricator which is designed for air or gas driven starters. Use of this lubricator will help to eliminate costly downtime caused by lubrication neglect.

Starter Reorientation

Starters can be assembled in different angular positions to provide a variety of locations for the inlet, exhaust and mounting flange holes. Reorient only if necessary to mount the starter to the engine or connect air lines to the starter.



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:

Product Safety Information Manual 45558624.

Manuals can be downloaded from www.ingersollrandproducts.com.

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