Use With: OM--04760 MR--04959 PUBLICATION NUMBER PL--04972--01 February 17, 1999 Rev. A 02/17/99 Supersedes: OM--03808--01



PUMP MODEL 14D2–LPA2 S/G

MANUAL PART 2 of 3

PARTS LIST WITH PERFORMANCE CURVE

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA Printed in U.S.A.

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The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

PERFORMANCE CURVE – SECTION A

RECORDING MODEL AND SERIAL NUMBERS

Please record the pump model and serial number in the spaces provided below and in the separate <u>Installation/Operation Manual</u> accompanying your pump. Your Gorman-Rupp distributor needs this information when you require parts or service.

Pump Model:

Serial Number:

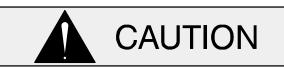
WARRANTY INFORMATION

The pump warranty is provided as part of Gorman-Rupp's support program for customers who operate and maintain their equipment as described in this manual and other accompanying literature. Please note that should the equipment be abused or modified to change its performance beyond the original factory specifications, the warranty will become void and any claim will be denied.

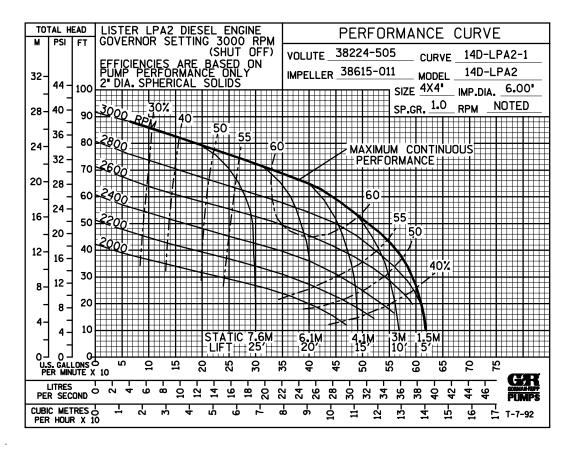
PERFORMANCE CURVES

The performance curves on the following page are based on 70° F (21° C) clear water at sea level. Since pump installations are seldom identical, your performance may be different due to such factors as viscosity, specific gravity, elevation, temperature, and impeller trim.

If your pump serial number is followed by an "N", your pump is **NOT** a standard production model. Contact the Gorman-Rupp Company to verify performance or part numbers.



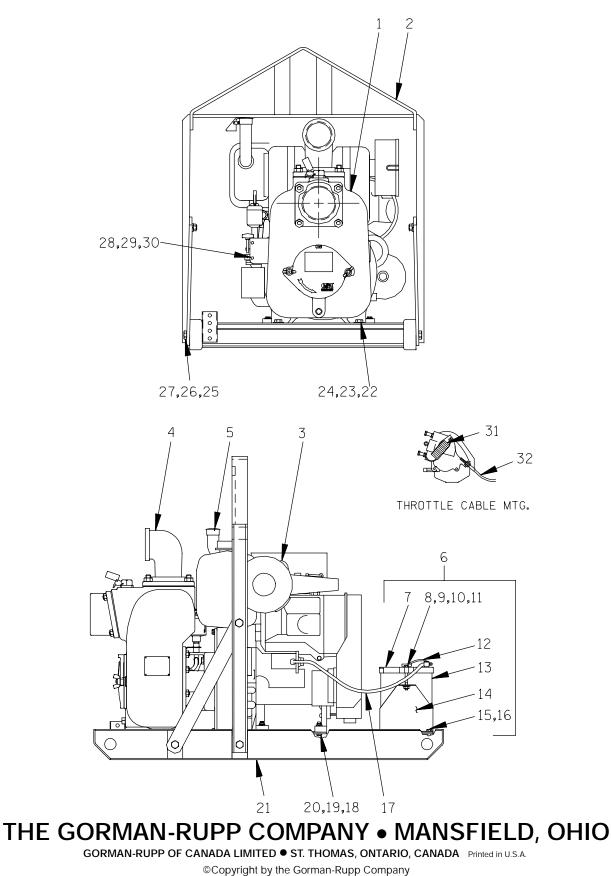
Pump speed and operating condition points must be within the continuous performance range shown on the curve(s).



Performance Curve – Model 14D2–LPA2 S/G

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PUMP ISSUE 1

If your pump serial number is followed by an "N", your pump is NOT a standard production model. Contact the Gorman-Rupp Company to verify part numbers.

ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
1	PUMP END ASSY	14D2		1	22	HEX HD CAPSCREW	B0806	15991	2
2	LIFTING BAIL	44714-047	24150	1	23	LOCKWASHER	J08	15991	2
3	LISTER LPA2 ENGINE	29231–111		1	24	HEX NUT	D08	15991	2
4	STREET ELBOW	RS64	11990	1	25	HEX HD CAPSCREW	B1006	15991	6
5	WEATHER CAP	S624		1	26	LOCKWASHER	J10	15991	6
6	BATTERY BOX ASSY	GRP40-02A		1	27	HEX NUT	D10	15991	6
7	-BATTERY FRAME	8355B	24000	1	28	RD HD PH MACH SCREW	CF#08-02	15991	2
8	-HEX HD CAPSCREW	B0612	15991	2	29	LOCKWASHER	J#08	15991	2
9	-FLAT WASHER	K06	15991	2	30	HEX NUT	D#08	15991	2
10	-FLANGED HEX NUT	21765-314		2	31	SPRING	24641-010		1
11	-BATTERY TAG	38818-513		1	32	CABLE ASSY	44232-034		1
12	- GROUND CABLE ASSY	5795AC	24040	1					
13 *	–12V BATTERY	SEE OPTIONS			NOT SHOWN:				
14	-BATTERY BOX	8356B	24000	1		WARNING DECAL	2613FE		1
15	-HEX HD CAPSCREW	B0604	15991	4					
16	- FLANGED HEX NUT	21765-314	15991	4	OPT	FIONAL:			
17	24" 1/0 CABLE ASSY	47311–106		1	*	12V BATTERY	29331–513		1
18	HEX HD CAPSCREW	B0707	15991	4		WHEEL KIT	GRP30-46A		1
19	LOCKWASHER	J07	15991	4		HIGH SPEED WHEEL KIT	GRP30-231E	E	1
20	HEX NUT	D07	15991	4		CLEVIS WHEEL KIT	GRP30-47A		1
21	COMBINATION BASE	41566–108	24150	1		CLEVIS TONGUE WH KIT	GRP30-47A		1

:* INDICATES PARTS RECOMMENDED FOR STOCK

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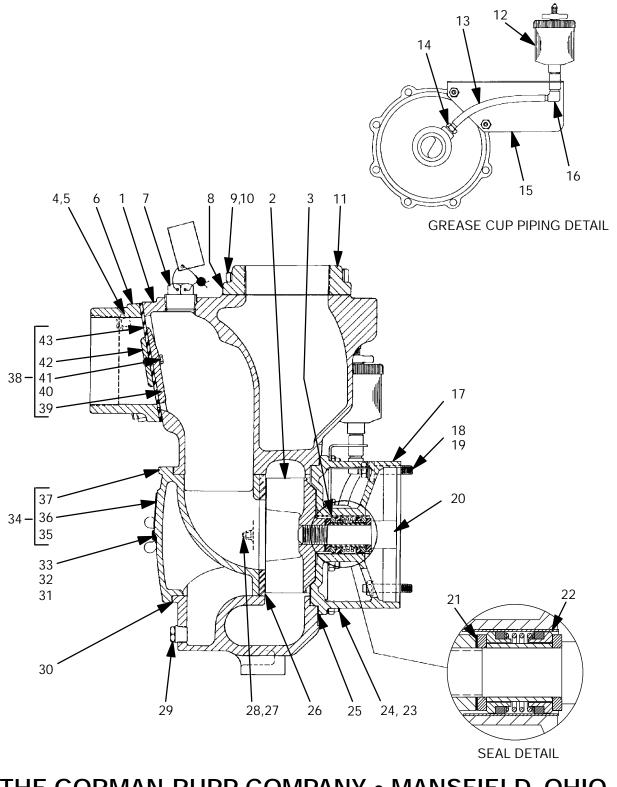
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S/N 1007052 UP PUMP ISSUE 1



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S/N 1007052 UP

PUMP ISSUE 1

1 PUMP CASING 38224-505 10010 1 27 LOCKWASHER J04 15991 2 2 * IMPELLER 38615-011 10010 1 28 HEX NUT D04 15991 2 3 * SEAL ASSY GS1000C 1 29 CASING DRAIN PLUG P08 15079 1 4 STUD C0808 15991 4 30 * COVER PLATE GSKT 38682-015 20000 1 5 HEX NUT D08 15991 4 31 STUD C0808 15991 2 6 SUCTION FLANGE 38645-506 10010 1 32 FLAT WASHER K08 15991 2 8 * DISCH FLANGE GSKT 38687-009 20000 1 34 CVR PLATE ASSY 42111-911 1 9 STUD C1008 15991 4 35 -WARNING PLATE 2613EV 13990 4 12 # GREASE CUP S1509 1 36 -DRIVE SCREW BM/04-03 15990 4 12	ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY	ITEM NO.	PART NAME	PART NUMBER	MAT'L CODE	QTY
3 * SEAL ASSY GS10001 1 3 * SEAL ASSY GS1000C 1 4 STUD C0808 15991 4 5 HEX NUT D08 15991 4 6 SUCTION FLANGE 38645-506 10010 1 32 FLAT WASHER K08 15991 2 7 FILL PLUG ASSY 48271-065 1 33 COVER PLATE GSKT 38682-015 20000 1 9 STUD C1008 15991 4 31 STUD BB08 15991 2 10 HEX NUT D10 15991 4 36 -DRIVE SCREW BM#04-03 15990 1 11 DISCHARGE FLANGE 38644-506 10010 1 37 -BACK COVER PLATE NOT AVAILABLE 1 12 * GREASE CUP S1509 1 38 CHECK VALVE ASSY 46413-029 1 13 * TUBING 31411-241 19550 1 40 -LOCKWASHER J04 17000 2 16 MALE ELBOW 26171-038 1 42 * <	1	PUMP CASING	38224 - 505	10010	1	27	LOCKWASHER	J04	15991	2
3 * SEAL ASST C08000 1 1 4 STUD C0808 15991 4 5 HEX NUT D08 15991 4 6 SUCTION FLANGE 38645-506 10010 1 7 FILL PLUG ASSY 48271-065 1 8 * DISCH FLANGE GSKT 38687-009 20000 1 9 STUD C1008 15991 4 30 * CVER WING NUT BB08 15991 2 33 COVER WING NUT BB08 15991 9 STUD C1008 15991 4 36 -DRIVE SCREW BM#04-03 15990 10 HEX NUT D10 15991 4 36 -DRIVE SCREW BM#04-03 15990 4 11 DISCHARGE FLANGE 38644-506 10010 1 39 *-VALVE WEIGHT 4718 10010 1 12 * GREASE CUP S1509 1 39 *-VALVE WEIGHT 4718 10010 1 14 -HEX HD CAPSCREW B0708	2 *	IMPELLER	38615-011	10010	1					2
1 13991 4 13991 4 5 HEX NUT D08 15991 4 31 STUD C0808 15991 2 6 SUCTION FLANGE 38645–506 10010 1 32 FLAT WASHER K08 15991 2 7 FILL PLUG ASSY 48271–065 1 33 COVER WING NUT B08 15991 2 8 * DISCH FLANGE GSKT 38687–009 20000 1 34 CVR PLATE ASSY 42111–911 1 9 STUD C1008 15991 4 36 -DRIVE SCREW BM#04–03 15990 1 10 HEX NUT D10 15991 4 36 -DRIVE SCREW BM#04–03 15990 1 12 * GREASE CUP S1509 1 38 CHECK VALVE ASSY 46413–029 1 13 * TUBING 31411–241 1950 1 39 * -VALVE WEIGHT 4718 10010 1 14 MALE CONNECTOR 26171–038 1 40	3 *	SEAL ASSY	GS1000C		1	29	CASING DRAIN PLUG	P08	15079	1
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7 FILL PLUG ASSY 48271-065 1 33 COVER WING NUT BB08 15991 2 8 * DISCH FLANGE GSKT 38687-009 20000 1 34 CVR PLATE ASSY 42111-911 1 9 STUD C1008 15991 4 35 -WARNING PLATE 2613EV 13990 1 10 HEX NUT D10 15991 4 36 -DRIVE SCREW BM#04-03 15990 4 11 DISCHARGE FLANGE 38644-506 10010 1 36 -DRIVE SCREW BM#04-03 15990 4 12 * GREASE CUP S1509 1 38 CHECK VALVE ASSY 46413-029 1 13 * TUBING 31411-241 19550 1 39 * -VALVE WEIGHT 4718 10010 1 14 MALE CONNECTOR 26171-013 1 40 -LOCKWASHER J0403 1/2 17000 2 15 MOUNTING BRACKET 41881-340 24150 1 42 -VALVE WEIGHT 19 <td< td=""><td>5</td><td>HEX NUT</td><td>D08</td><td>15991</td><td>4</td><td>31</td><td></td><td></td><td></td><td></td></td<>	5	HEX NUT	D08	15991	4	31				
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9 STOD C1008 15991 4 10 HEX NUT D10 15991 4 11 DISCHARGE FLANGE 38644–506 10010 1 12 * GREASE CUP S1509 1 13 * TUBING 31411–241 19550 1 14 MALE CONNECTOR 26171–013 1 15 MOUNTING BRACKET 41881–340 24150 1 16 MALE ELBOW 26171–038 1 17 INTERMEDIATE 5B 10010 1 18 HEX HD CAPSCREW B0708 15991 4 19 LOCKWASHER J07 15991 4 10 STUB SHAFT ASSY 44111–005 24150 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET	8 *	DISCH FLANGE GSKT	38687-009	20000	1					
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15 MOUNTING BRACKET 41881-340 24150 1 16 MALE ELBOW 26171-038 1 17 INTERMEDIATE 5B 10010 1 18 HEX HD CAPSCREW B0708 15991 4 19 LOCKWASHER J07 15991 4 20 STUB SHAFT ASSY 44111-005 24150 REF 21<*	14	MALE CONNECTOR	26171-013		1					
16 MALE ELBOW 26171-038 2 1 17 INTERMEDIATE 5B 10010 1 18 HEX HD CAPSCREW B0708 15991 4 19 LOCKWASHER J07 15991 4 20 STUB SHAFT ASSY 44111-005 24150 REF 21 * IMP ADJ SHIM SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	15	MOUNTING BRACKET	41881–340	24150	1			B0403 1/2	17000	2
17 INTERMILDIATE 3B 10010 1 18 HEX HD CAPSCREW B0708 15991 4 19 LOCKWASHER J07 15991 4 20 STUB SHAFT ASSY 44111-005 24150 REF 21 * IMP ADJ SHIM SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1 PRIMING STICKER 6588AH	16	MALE ELBOW	26171-038		1	42 *	-VALVE WEIGHT	19	10010	1
19 LOCKWASHER J07 15991 4 20 STUB SHAFT ASSY 44111-005 24150 REF 21 * IMP ADJ SHIM SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	17	INTERMEDIATE	5B	10010	1	43 *	-CHECK VALVE GSKT	38671–626	19070	1
19 LOCKWASHER 507 13991 4 20 STUB SHAFT ASSY 44111-005 24150 REF 21 * IMP ADJ SHIM SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	18	HEX HD CAPSCREW	B0708	15991	4					
20 STOD STRATTASST 44111-003 24130 REF 21 * IMP ADJ SHIM SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	19	LOCKWASHER	J07	15991	4	NOT S	SHOWN:			
21 * IMP ADJ Shim SET 2X 17090 REF 22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	20	STUB SHAFT ASSY	44111-005	24150	REF		NAME PLATE	38818-021	13990	1
22 * SEAL LINER 83 14080 REF 23 STUD C0606 15991 8 24 HEX NUT D06 15991 8 25 * CASING GSKT SET 48211-022 1	21 *	IMP ADJ SHIM SET	2X	17090	REF		DRIVE SCREW	BM#04-03	15990	4
23 STUD C0606 15991 8 SUCTION STICKER 6588AG 1 24 HEX NUT D06 15991 8 DISCHARGE STICKER 6588BJ 1 25 * CASING GSKT SET 48211-022 1 PRIMING STICKER 6588AH 1	22 *	SEAL LINER	83	14080	REF			2690	24000	1
24 HEX NUT D06 15991 8 PRIMING STICKER 6588AH 1 25 * CASING GSKT SET 48211-022 1 PRIMING STICKER 6588AH 1										1
25 * CASING GSKT SET 48211-022 1 PRIMING STICKER 6588AH 1		HEX NUT	D06	15991	8					1
							PRIMING STICKER	6588AH		1
26 * WEAR PLATE ASSY 46451-302 24150 1	26 *			24150						

* INDICATES PARTS RECOMMENDED FOR STOCK

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For U.S. and International Warranty Information, Please Visit www.grpumps.com/warranty or call: U.S.: 419–755–1280 International: +1–419–755–1352

For Canadian Warranty Information, Please Visit www.grcanada.com/warranty or call: 519-631-2870

THE GORMAN-RUPP COMPANY

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ST. THOMAS, ONTARIO, CANADA