**AKRON**<sup>®</sup>

TECHNICAL SERVICE PARTS

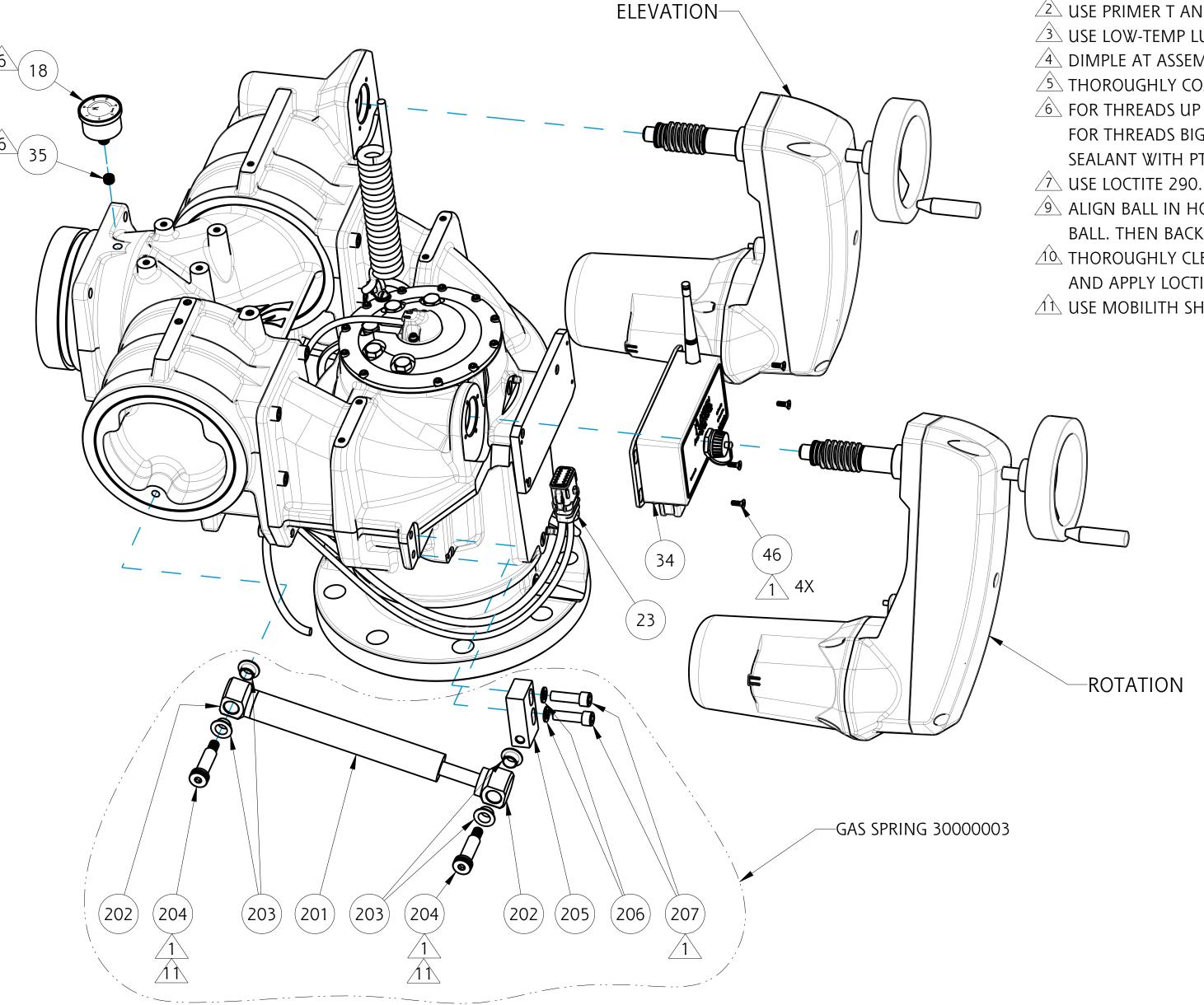
3000

PRODUCT AEROMASTER 12 IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, **ONLINEREPAIR.AKRONBRASS.COM**  Date

ASSEMBLY NOTES:

USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.

- 1 USE PERMABOND LM113 OR LOCTITE 222.
- ∠2\ USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.
- 3 USE LOW-TEMP LUBRIPLATE.
- 4 DIMPLE AT ASSEMBLY.
- 5 THOROUGHLY COAT WITH NEVER SEEZ MARINERS CHOICE.
- $\bigcirc$  FOR THREADS UP TO  $\bigcirc$  2": USE PERMABOND LH050 OR LOCTITE 592. FOR THREADS BIGGER THAN Ø 2": USE AGRO "TUF-GLIDE THREAD SEALANT WITH PTFE".
- 2 ALIGN BALL IN HOLE. TIGHTEN PLUG UNTIL TOUCHES BALL. THEN BACK OUT PLUG 1/4-1/2 TURN.
- 10 THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART AND APPLY LOCTITE 425.
- 11 USE MOBILITH SHC 460.



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WARRANTY AND DISCLAIMER\*: We warrant Akron Brass products for a period of five (5) years\* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. \*Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

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Parts List Sheet:

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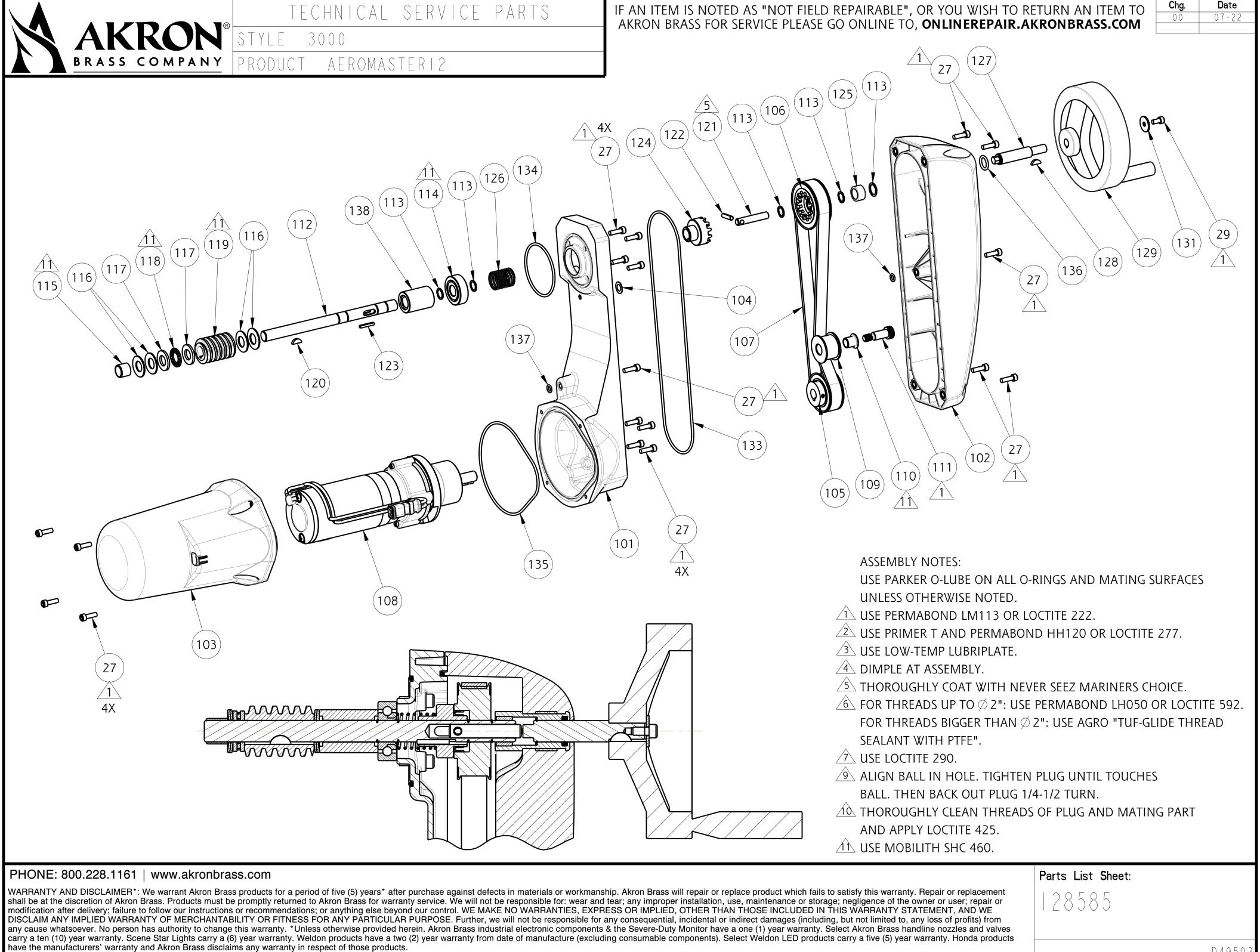
	N ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO Chg. Date
AKRON® STYLE 3000	ASSEMBLY NOTES:
BRASS COMPANY PRODUCT AEROMASTER 12	USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES
	UNLESS OTHERWISE NOTED.
	USE PERMABOND LM113 OR LOCTITE 222.
	USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.  USE LOW-TEMP LUBRIPLATE.
$\sqrt{1}\sqrt{2}$	DIMPLE AT ASSEMBLY.
	5 THOROUGHLY COAT WITH NEVER SEEZ MARINERS CHOICE.
30	6 FOR THREADS UP TO Ø 2": USE PERMABOND LH050 OR LOCTITE 592.
	FOR THREADS BIGGER THAN Ø 2": USE AGRO "TUF-GLIDE THREAD  SEALANT WITH PTFE".
$\begin{array}{c} 22 \\ \end{array}$	BALLS  TO USE LOCTITE 290.
	ALIGN BALL IN HOLE. TIGHTEN PLUG UNTIL TOUCHES
25	BALL. THEN BACK OUT PLUG 1/4-1/2 TURN.
	THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART
24	AND APPLY LOCTITE 425.  USE MOBILITH SHC 460.
4X (21)	$\frac{20}{20}$
2 20 36	
10/9 12	(16)
$\frac{1}{11X}(27)$	10
(47)	$9 \qquad (45)$
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
	3X
DIMPLE	
ORIENTATION	ADJUSTABLE 20.
	ROTATION STOP LOCATIONS 201
	ANGLE OF ROTATION STOP LOCATIONS
1 29	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$\pm$ 177.5° PERMANENT STOP
8 9 9 39	12 9 10 ONLY
	ALL OTHER LOCATIONS (21)
$\frac{1}{6X}$ $\frac{28}{}$	24) ALL OTHER LOCATIONS 21/10
	10 11 10 6
	10 45 BALLS 19 6
ORIENT 6	24
AS SHOWN	
DUONE, 000 000 4404	
PHONE: 800.228.1161   www.akronbrass.com  WARRANTY AND DISCLAIMER*: We warrant Akron Brass products for a period of five (5) years* after purchase against defects in materials or workmanship. Akro	n Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement
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DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consany cause whatsoever. No person has authority to change this warranty. *Unless otherwise provided herein. Akron Brass industrial electronic components & the Se carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding constant).	vere-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves
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AKRON® TECHNICAL SERVICE PARTS  STYLE 3000	AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, <b>ONLINEREPAIR.AKRONBRASS.COM</b>	<b>Date</b> 07-2
BRASS COMPANY PRODUCT AEROMASTER 12	ASSEMBLY NOTES:  USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES  UNLESS OTHERWISE NOTED.	
ADJUSTABLE ELEVATION STOP LOCATIONS  ANGLE OF ELEVATION (UP)  THE PROPERTY OF	USE PERMABOND LM113 OR LOCTITE 222.  ② USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.  ③ USE LOW-TEMP LUBRIPLATE.  ④ DIMPLE AT ASSEMBLY.  ⑤ THOROUGHLY COAT WITH NEVER SEEZ MARINERS CHOICE.  ⑥ FOR THREADS UP TO Ø 2": USE PERMABOND LH050 OR LOCTITE 592. FOR THREADS BIGGER THAN Ø 2": USE AGRO "TUF-GLIDE THREAD SEALANT WITH PTFE".  ⑦ USE LOCTITE 290.  ⑤ ALIGN BALL IN HOLE. TIGHTEN PLUG UNTIL TOUCHES BALL. THEN BACK OUT PLUG 1/4-1/2 TURN.  1 THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART AND APPLY LOCTITE 425.  1 USE MOBILITH SHC 460.	
	DIMPLE ORIENTATION  10 9 11 36 4 15 16 36 20	
5	222 31 30 21	1
25 15 16 32 48 50 38 13 26 25 9 11 11 10 6X 49 BALLS	13 6 28 8 29 50 48 38 7 25 32 14 20 11 11 11 9 2 49 BALLS ORIENT 6X AS SHOWN	
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D49503



## TECHNICAL SERVICE PARTS

STYLE 3000

PRODUCT AEROMASTER 12

Fi	nd	Description	Item	Qty
1		BASE FLANGE - 6"/DIN 150	126088	1
2		SIAMESE	126089	1
3		OUTLET ELBOW	126090	1
4		STANCHION - GEARBOX	126091	1
5		STANCHION	126085	1
6		WORM GEAR	126087	2
7		SLIDER	126213	2
8		MAGNET LOCATION BAR	803264	2
9		GEAR BOX CAP	126086	1
10	Α	BALL BRASS 1/2"	-	82
11		TAG ID	744575	1
12	D	PLUG SWIVEL 5/16-18	742090	4
13	В	BALL BRASS 3/8"	-	98
14	D	PLUG SWIVEL WITH HOLE 1/2-20	742123	2
15	D	PLUG SWIVEL 1/2-20	742112	2
16		FITTING GREASE 3/16	713191	5
17		MARKER POSITION MAGNET	731127	2
18		GAUGE PRESSURE 0-350 PSI, 0-2500 KPA 1.5" DIAL	718322	1
18		GAUGE PRESSURE 0-25 bars, 0-2.5 MPA 1.5"DIAL	718323	1
19		PLUG PIPE 1/2" NPT	744416	1
20		STOP	769843	7
21		PLUG	745187	9
22		ASSY SENSOR MAGNETIC ROTARY ANGLE	60430005	2
23		WIRING HARNESS	721713	1
24	D	O-RING 2-439	757498	3
25	D	O-RING 2-255	757338	5
26	D	O-RING 2-433	757499	4
27		SCREW SOCKET HEAD CAP #10-24 X 5/8"	765028	46
28		SCREW SOCKET HEAD CAP 1/4-20 X 5/8"	765029	12
29		SCREW SOCKET HEAD CAP #10-24 X 3/8"	767029	9
30		WASHER #8	784123	4
31		SCREW SOCKET HEAD CAP #8-32 X 5/8"	765360	4
32		SCREW SOCKET HEAD CAP 3/8-16 X 1"	767047	12
33		SCREW SOCKET HEAD CAP #6-32 X 5/8"	765179	4
34		CONTROLLER	60520009	1
35		PLUG PIPE 1/8"NPT	742192	1
36		SCREW SOCKET HEAD CUP POINT SET 1/4-20 x 5/16"	765047	12
37		SCREW SOCKET HEAD CUP POINT SET 5/16-18 x 1/4"	765071	4
38		SCREW SOCKET HEAD CAP #10-24 x 1/2"	763038	2
39		SCREW SOCKET HEAD CUP POINT SET 3/8-16 x 1/2"	765187	3

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)	Chg.	Date
,	0.0	07-22

Fi	n d	Description	l t e m	Qty
45		PLATE CONTROL BOX MOUNTING	126214	1
46		SCREW FLAT HEAD #8-32 X 1/2"	765345	4
47		NAIL	736052	4
48		CLAMP CABLE 5/16	707548	3
49		SCREW PAN HEAD MACHINE #10-24 X 1/4"	765104	1
50		CLAMP CABLE 1/4	707189	2
201	С	GAS SPRING	768479	1
202	С	CLEVIS	126142	2
203	С	BUSHING	703819	4
204	С	SCREW SHOULDER 1/2"DIA X 1-1/2"LG 5/16-18	767165	2
205	С	SUPPORT GAS SPRING	122949	1
206	С	WASHER FLAT	784064	2
207	С	SCREW SOCKET HEAD CAP 3/8-16 X 1-1/4"	765154	2

A: KIT OF 50 BALLS: 116252 B: KIT OF 50 BALLS: 109342

C: INCLUDED IN GAS SPRING KIT 30000003 D: INCLUDED IN SERVICE KIT 92300001

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TECHNICAL SERVICE PARTS

3000

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Chg. Date 07-22

Find	Description	ltem	QTY
101	FLANGE PULLEY	126215	2
102	PULLEY COVER	807107	2
103	MOTOR COVER	807106	2
104	ADHESIVE VENT	779095	2
105	PULLEY 28 TOOTH	745275	2
106	PULLEY 34 TOOTH	745276	2
107	BELT 5 MM HTD PITCH, 15 MM X 625 MM	803265	2
108	ROTATION MOTOR/GEAR BOX - 24V	30001001	1
108	ELEVATION MOTOR/GEAR BOX - 24V	30001002	1
108	ROTATION MOTOR/GEAR BOX - 12V	30001003	1
108	ELEVATION MOTOR/GEAR BOX - 12V	30001004	1
109	PULLEY TENSIONER	745274	2
110	BUSHING	803266	2
111	SHOULDER BOLT 3/8 DIA. x 3/4 LG - 5/16-18	803267	2
112	SHAFT WORM	768473	2
113	RING RETAINING	758149	10
114	BALL BEARING	803098	2
115	BEARING SLEEVE	703995	2
116	SPRING BELLEVILLE	769276	8
117	WASHER THRUST	784121	4
118	BEARING NEEDLE	703453	2
119	GEAR WORM	718273	2
120	KEY WOODRUFF 1/8 X 1/2	727025	2
121	SHAFT	770452	2
122	PIN ROLL	744068	2
123	KEY SPECIAL	727044	2
124	DOG CLUTCH	807105	2
125	BEARING ROLLER NEEDLE	704395	2
126	SPRING COMPRESSION	768403	2
127	SHAFT OVERRIDE	770451	2
128	KEY WOODRUFF 3/32 X 1/2	727026	2
129	HANDWHEEL	721608	2
131	WASHER	784164	2
133 D	O-RING 2-171	757435	2
134 D	O-RING 2-141	757195	2
135 D	O-RING 2-157	757360	2
136 D	O-RING 2-112	757313	2
137 D	O-RING 2-010	757005	4
138	SPACER	769995	2

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