



TECHNICAL SERVICE PARTS

STYLE 5148

PRODUCT OSCILLATING MERCURY 500

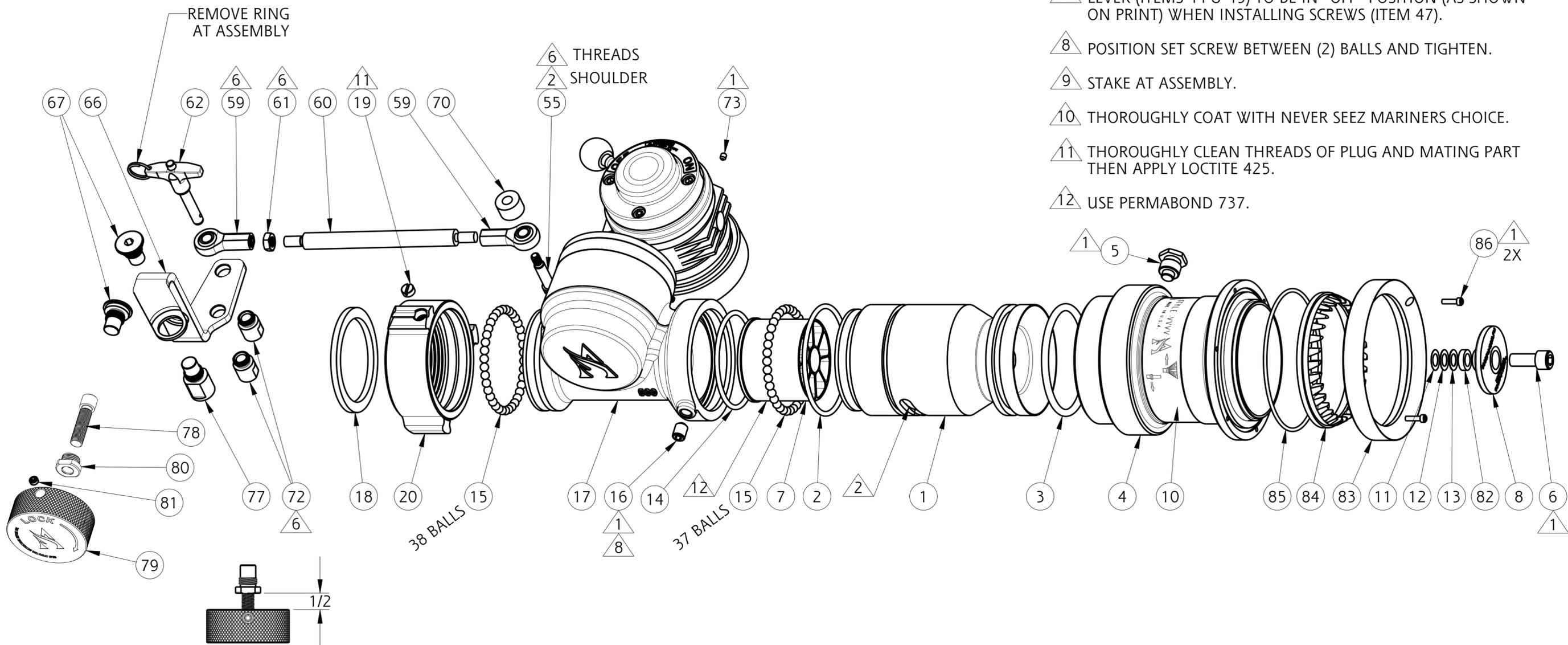
IF AN ITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, [ONLINEREPAIR.AKRONBRASS.COM](http://ONLINEREPAIR.AKRONBRASS.COM)

Chg.	Date
02	01-18
03	04-18

ASSEMBLY NOTES:

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

- 1 USE PERMABOND LM-113 OR LOCTITE 222.
- 2 USE LOW-TEMP LUBRIPLATE.
- 3 STAMP LETTER "T" AFTER CALIBRATION.
- 4 ASSEMBLE JAM NUT (ITEM 61) AND ROD END (ITEM 59) ON ROD (ITEM 60) UNTIL SNUG. ASSEMBLE ROD END ON OPPOSITE END TIGHT. LOOSEN ROD END ON THE JAM NUT SIDE OF ROD UNTIL THE FACE OF THE ROD ENDS ARE PARALLEL TO EACH OTHER. TIGHTEN JAM NUT AGAINST ROD END TO HOLD IN PLACE.
- 5 USE LOCTITE #290 AT ASSEMBLY BETWEEN SHAFT AND ID OF BALL MAKE SURE T-HANDLE SETS FLUSH AGAINST TOP OF BALL.
- 6 USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.
- 7 LEVER (ITEMS 44 & 45) TO BE IN "OFF" POSITION (AS SHOWN ON PRINT) WHEN INSTALLING SCREWS (ITEM 47).
- 8 POSITION SET SCREW BETWEEN (2) BALLS AND TIGHTEN.
- 9 STAKE AT ASSEMBLY.
- 10 THOROUGHLY COAT WITH NEVER SEEZ MARINERS CHOICE.
- 11 THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART THEN APPLY LOCTITE 425.
- 12 USE PERMABOND 737.



PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | [www.akronbrass.com](http://www.akronbrass.com)

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Parts List Sheet:  
**126749**  
D48500



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FIND		DESCRIPTION	ITEM	QTY
1		BODY NOZZLE	126981	1
2	B	O-RING 2-233	757249	1
3	B	O-RING 2-337	757278	1
4		SLEEVE PATTERN	118963	1
5		NUT CAM	735037	1
6		SCREW SOCKET HEAD CAP 3/8-16 x 1-1/4"	763043	1
7		SHAPER STREAM	770464	1
8		HEAD BAFFLE	126982	1
10		BAND ID	803333	1
11	*	SHIM .010 PLASTIC BROWN	-	1
12	*	SHIM .005 PLASTIC BLUE	-	1
13	*	SHIM .015 PLASTIC PINK	-	1
14	B	O-RING 2-232	757045	1
15	A,C	BEARING BALL STAINLESS STEEL 1/4"	-	75
16		SCREW CUP POINT SET 3/8-16 x 1/2"	765187	1
17	**	WATER WHEEL ASSEMBLY	-	-
18	A,B	GASKET	717043	1
19	A	PLUG SWIVEL	742023	1
20	A	SWIVEL 2-1/2" NH	101420	1
55		BOLT SHOULDER	803303	1
59		END ROD	710163	2
60		SHAFT ROCKER	768432	1
61		NUT JAM 5/16-24	735098	1
62		PIN T-HANDLE	741077	1
66		BRACKET	126750	1
67		TRUNNION	773571	2
70		SPACER NYLON	768490	1
72		BUSHING LINK PIN	803323	2
73		SCREW SOCKET HEAD CUP POINT SET #8-32 x 3/16"	765042	1
77		TRUNION LOWER	773572	1
78		TRUNNION SHAFT	770469	1
79		KNOB LOCK	126735	1
80		TRUNNION SIDE	773573	1
81		SCREW SOCKET HEAD CUP POINT SET 1/4-20 x 3/16"	765008	1
82		SPACER	769225	1
83		RING RETAINING	118964	1
84		TEETH TURBINE	772171	1
85	B	O-RING 2-155	757359	1
86		SCREW SOCKET HEAD CAP #6-32 x 1/2"	765150	2

A	SWIVEL ASSEMBLY 2-1/2" NH	126767
B	FIELD SERVICE KIT	91010001
C	KIT OF 50 BALLS 1/4" STAINLESS STEEL	123074

\* INSTALLED AT FACTORY FOR FINAL FLOW CALIBRATION.  
 \*\* WATER WHEEL ASSEMBLY IS NOT FIELD REPAIRABLE  
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