

**L.A. SLEEVE**



**OUTBOARD**

**CATALOG VOL. 11**



# Fifty Years of Quality, Service, Technology

**L.A.SLEEVE CO.** was founded in 1945 by family patriarch, Nicholas W. Metchkoff. We have been producing centrifugally spun-cast chrome-moly iron alloy cylinder sleeves for all engine repair markets. We currently manufacture cylinder sleeves for the watercraft, motorcycle, snowmobile, ATV, marine, and automotive markets. A family owned business for three generations, **L.A.SLEEVE** provides its customers with expertise in engineering, sleeve design and installation.

We distribute a complete line of engine hard parts. Rebuilders can use our "One-Stop Shop" to purchase parts from **PROX** and **WISECO** pistons to connecting rods, bearings, and even thrust washers. **L.A.SLEEVE** is the North American supplier of **PROX** pistons, connecting rods and various OEM replacement parts. We are the source for a vast array of OEM components. The West Coast's leading distributor for forged **WISECO** pistons for nearly three decades, we feature a fully stocked warehouse of all of **WISECO**'s products.

With over 1,000 two-stroke and four stroke cylinder sleeve part numbers covering models thirty years old or more, we provide today's racers and vintage rebuilders alike, cylinder sleeves to save worn cylinders. Most cylinder sleeve models are still produced and stocked on the shelf in our 35,000 square foot warehouse and manufacturing facility. All sleeves are manufactured in Santa Fe Springs, California.







## Terms, Conditions and Policies

**BUSINESS HOURS:** 8:00 a.m. to 5:00 p.m. Monday through Friday. Closed weekends and holidays.

**MINIMUM ORDERS:** A \$15.00 minimum applies to all orders.

**PAYMENT:** MASTERCARD, VISA and DISCOVER accepted, or C.O.D. ("CASH ONLY" on first C.O.D. order.) Company check accepted after first order and receiving L.A. SLEEVE customer number. No personal checks accepted. Returned "NSF" checks will revert subsequent orders to "CASH-ONLY" basis.

**PRICE CHANGES:** Prices are subject to change without notice. Your invoice will show the current net price and should be reviewed upon receipt.

**RETURNS:** L.A. SLEEVE CO. will not accept any returned goods without prior authorization. **No returns accepted after 30 days.** Returned merchandise must be accompanied by the following:

- A return authorization number (call for number).  
Display number on outside of carton.
- A copy of original invoice.
- A letter of explanation.

Merchandise must be returned freight prepaid. Shortages and discrepancies must be reported within ten days of invoice date. Refused orders and/or unwarranted returns shall be subject to a 25% restock handling charge, in addition to any incurred shipping charges. Credit will not be given on merchandise returned without a written explanation. Credit will be issued for returns that are accepted. **No returns are allowed on gaskets.** No credit is given for returns that are not in original condition, or if any parts of a kit are missing.

**INTERNATIONAL ORDERS:** International orders are shipped on a prepaid basis unless prior arrangement is made with L.A. SLEEVE CO. Payment must be sent in U.S. funds (money order, bank draft or wire transfer in U.S. dollars). Foreign checks and currency are not accepted. Contact L.A. SLEEVE CO. by telephone or FAX before sending payment to confirm current prices and shipping charges.

**SLEEVING SERVICE:** Please allow two (2) weeks plus shipping time. All modifications are done to your cylinder or block unless otherwise specified. When sending your cylinder or block and parts, please remove all manifolds, studs, bolts, power valves, etc. We are not responsible for any lost parts. Package your cylinder or block upright in a sturdy box with plenty of paper and cardboard. Include your piston if L.A. SLEEVE CO. is not to supply one. Always include instructions inside the package, stating cylinder make, model and year, what work you want done, and if you want L.A. SLEEVE to provide the piston and a new gasket. Include your return address and phone number on the instruction sheet. Dealers, include a business card.

### **WE WILL NOT BEGIN ANY WORK WITHOUT WRITTEN INSTRUCTIONS.**

**LATE ORDERS:** Dealers, please allow (ten) full working days before calling to check on orders that have not arrived. Much time is wasted looking up orders that have been shipped but that you have not allowed enough time for transit. Please cooperate with us on this. Do not use toll-free numbers when checking orders, call on (562) 945-7578. **DO NOT CALL COLLECT.** During peak seasons call your orders in early to assure delivery when you need it. Ordering Wednesday afternoon and requesting air shipping service will not always get your goods to you for the race on Saturday or Sunday.

**SHIPPING:** We ship all orders U.P.S. whenever possible. Second day air (Blue Label), next day air (Red Label), and 3-Day Select (Orange) services are available in addition to regular ground service. Parcel post and air parcel post shipping is available also.

**CHANGE OF ADDRESS:** Please inform us of changes to your shipping or mailing address, telephone and FAX numbers. This will ensure that you continue to receive good service from L.A. SLEEVE CO., and that we can provide you with updated information and catalogs.

## Table of Contents

Technical Guide	2
-----------------	---

### SLEEVES

Chrysler-Force	3
Honda	3
Mariner	3
Mercury/Mariner	4
O.M.C. (Johnson-Evinrude)	7
Suzuki	11
Tohatsu/Nissan	12
Yamaha	13
Inboard/Stern Drive Sleeves	15
All Purpose Sleeves	16

### NIKS PRO-X

Connecting Rod Kits	14
Outboard Pistons	17
Watercraft Pistons	57

Application Chart – Sleeves/Pistons	18
-------------------------------------	----

Motion Pro Tools	60
------------------	----

### WISECO Pistons

Chrysler-Force	19
Mercury	32
Mercury Sport Jet Pistons	39
O.M.C.	22
Suzuki	40
Tohatsu/Nissan	41
Yamaha	42
Ring Chart	46
Gaskets	45
Profiles & Dome Styles	47

Personal Watercraft	51
---------------------	----

ProX Piston Kits & Rings	57
--------------------------	----

Millimeter/Inch Conversion Chart	61
----------------------------------	----

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**Sleeves:** Los Angeles Sleeve Co. manufactures centrifugal cast iron cylinder sleeves for all popular makes and models of outboards. Engine rebuilders find they can rely on the quality and workmanship of **LASCO** outboard cylinder sleeves, and their use saves them time and money. The centrifugal castings used in the manufacture of these sleeves are made from an alloy of carbon chrome and molybdenum of 200 "Brinell" hardness, which insures ease in installation, trouble free boring and a dependable long life engine.

Centerless grinding of outside diameters of **LASCO** sleeves provides for perfect roundness and exact size which is controlled by rigid inspection of one-half thousandth of an inch. We invite comparison of our sleeves with other leading makes for size, roundness and finish.

Each cylinder sleeve is designed to best suit its designated cylinder. Three concepts are integrated in the designing and manufacturing of a sleeve:

- 1) The retained strength of a cylinder after the sleeve is installed.
- 2) Ease of installation for the rebuilder.
- 3) The ability to bore to the maximum amount of oversize pistons available.

The ★ column, next to the sleeve part number, will help the rebuilder identify the cylinder that is to be sleeved. The ★ column designation will also help the rebuilder to determine the proper installation procedure.

### ★ Column Code Explanations:

- AC** - Original cylinder bore is alloy-chrome plated, Nikasil, or electrofused. The cylinder must be bored to accept the new cylinder sleeve.
- CS** - Original block has a cast-in sleeve liner in the cylinder. The cylinder must be bored out to accept the new cylinder sleeve. The cast-in liner will be bored completely out of the cylinder. Do not try to push out the cast-in liner, cylinder damage may be the result.
- CI** - Original block has a cast-in liner in the cylinder. The cylinder must be bored to accept the new cylinder sleeve. When using a CI style sleeve the cast-in liner will not be completely removed. The sleeve is designed to insert into the iron lined cylinder.
- RS** - Original block has a replacement sleeve. Heat the cylinder to remove the sleeve. Reheat the cylinder to install the new cylinder sleeve.
- CC** - Original barrel is cast-iron. The cylinder must be bored to accept the new cylinder sleeve.

### General Rules for Sleeve Installation:

These tips are intended to be a guide for installing sleeves into cylinders. There are always exceptions to the rule and care must be taken on special applications.

**ALWAYS WAIT UNTIL THE SLEEVE ARRIVES BEFORE BEGINNING ANY MACHINE WORK. NEVER ASSUME THAT THE STATED MODEL AND YEAR OF THE CYLINDER IS CORRECT. ALWAYS CHECK TO SEE IF THE SLEEVE PORTS MATCH THE CYLINDER PORTS.**

1. Interference fit for cylinder sleeve to aluminum bore is .004.
2. Interference fit for cylinder sleeve to a cast iron bore is .002 to .003.
3. Installation of flanged type sleeves follow the same rules, but the top of the cylinder must have a countersink to the correct depth to accept the flanged sleeve. .000 to .001 interference fit on the flange diameter is recommended.
4. Heating the cylinder for 45 minutes to one hour at 350 degrees to 450 degrees is preferable.
5. The sleeve should slide in very easily when the cylinder is properly heated. Freeze shrinking the sleeve is optional. (Some machinists believe this assists installation of the sleeve.)
6. **REMEMBER:** Rap or press the sleeve down while the cylinder is cooling down. Use a hydraulic press for this procedure.
7. Milling the top deck of the cylinder always adds a quality touch. A caution here, some cylinders may not be able to have the top surface decked.
8. For 2-stroke cylinders, blending or matching the ports is recommended for proper fuel flow.



# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>CHRYSLER - FORCE</b>							
50 H.P. 2 Cylinder Cross-Flow	Straight sleeve, no ports cut in.	3-3/16"	CI	T-603-OB O.D. 3-5/16"	LA-603-OB O.D. 3-3/8"	L-603-OB O.D. 3-7/16"	5-1/2"
55 H.P. 2 Cylinder Model 559H9L	Flanged sleeve, with ports cut in.	3-3/8"	CI	FL-042-OB O.D. 3-1/2"			5.230"
70 H.P. 3 Cylinder 90 H.P. 3 Cylinder 100 H.P. 4 Cylinder 125 H.P. 4 Cylinder 150 H.P. 4 Cylinder	Straight sleeve, no ports cut in.	3-5/16"	CI	T-607-OB O.D. 3-7/16"	LA-607-OB O.D. 3-1/2"	L-607-OB O.D. 3-9/16"	5-9/16"
70 H.P. 3 Cylinder 90 H.P. 3 Cylinder 100 H.P. 4 Cylinder 125 H.P. 4 Cylinder 150 H.P. 4 Cylinder	Special flanged sleeve to repair damaged or corroded upper cylinder wall, no ports.	3-5/16"	CI	FL-039-OB O.D. 3-7/16"			5-1/2"
115 H.P. 4 Cylinder 140 H.P. 4 Cylinder	Straight sleeve, no ports cut in.	3-3/8"	CI	T-70-OB O.D. 3-1/2"	LA-70-OB O.D. 3-9/16"	L-70-OB O.D. 3-5/8"	5.550"
115 H.P. 4 Cylinder 140 H.P. 4 Cylinder	Flanged sleeve, no ports cut in.	3-3/8"	CI	FL-094-OB O.D. 3-1/2"			5-1/2"
<b>HONDA</b>							
BF-9.9 2 Cylinder 4-Stroke BF-15 2 Cylinder 4-Stroke	Straight sleeve, no ports cut in.	2.283" 58mm	CI			L-163-OB O.D. 2.535"	3.560"
BF-75 2 Cylinder 4-Stroke BF-100 2 Cylinder 4-Stroke	Flanged sleeve, no ports cut in.	2.204" 56mm	CI	FL-031-OB			
<b>MARINER</b>							
18 H.P. 2 Cylinder 1984-95 20 H.P. 2 Cylinder 1984-00 25 H.P. 2 Cylinder 1984-00 400cc (24.4 C.I.)	Straight sleeve, with ports cut in.	2.559" 65mm	AC		LA-018-OB O.D. 2-3/4"		4-11/16"
25 H.P. 2 Cylinder Cross Flow 1980-83	Straight sleeve, no ports cut in.	2.638" 67mm	CI	T-210-OB O.D. 2-3/4"	LA-210-OB O.D. 2-13/16"	L-210-OB O.D. 2-7/8"	5"
30 H.P. 2 Cylinder 1980-84	Straight sleeve, with ports cut in.	2.835" 72mm	RS		YA-5025 O.D. 3.077"		4.925"
40 H.P. 2 Cylinder 1980-89 50 H.P. 2 Cylinder 1990-91	Straight sleeve, with ports cut in.	2.953" 75mm	RS		LA-044-OB O.D. 3.156"	L-044-OB O.D. 3.190"	5-5/16"
60 H.P. 2 Cylinder (No. 6E9) 1980-83	Straight sleeve, with ports cut in.	3.228" 82mm	RS		LA-071-OB O.D. 3.433"		5.556"
60 H.P. 2 Cylinder (No. 6F0)	Straight sleeve, with ports cut in.	3.307" 84mm	RS		LA-049-OB O.D. 3.511"		5.556"
70 H.P. 3 Cylinder 80 H.P. 4 Cylinder 90 H.P. 6 Cylinder 115 H.P. 6 Cylinder	Straight sleeve, no ports cut in. (Shorter length)  (Longer length)	2-7/8"	CI	T-214-OB O.D. 3" T-216-OB O.D. 3"		L-214-OB O.D. 3-1/8" L-216-OB O.D. 3-1/8"	4-7/8" 5"
70 H.P. 3 Cylinder	Straight sleeve, with ports cut in, with power port.	2.875" 73mm	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
80 H.P. 4 Cylinder	Straight sleeve, with ports cut in.	2.875" 73mm	CI	T-019-OB O.D. 3"		L-019-OB O.D. 3-1/8"	4-7/8"
90 H.P. 6 Cylinder 1980-85	Straight sleeve, with ports cut in, no power port.	2.875" 73mm	CI	T-016-OB O.D. 3"		L-016-OB O.D. 3-1/8"	4-7/8"
115 H.P. 6 Cylinder 1980-85	Straight sleeve, with ports cut in.	2.875" 73mm	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
135 H.P. V-6 1988-00 150 H.P. V-6 1988-98 175 H.P. V-6 1980-82 1998cc (122 C.I.)	Straight sleeve, with ports cut in.	3-1/8"	CI		LA-04-OB O.D. 3-5/16"	L-04-OB O.D. 3-3/8"	5.550"
200 H.P. V-6 1980-81 225 H.P. V-6	Straight sleeve, with ports cut in.	3-3/8"	AC		LA-05-OB <sup>1</sup> O.D. 3-9/16"		5.550"
175 H.P. V-6 1982-92 200 H.P. V-6 EFI 1984-91	Straight sleeve, with ports cut in, with finger ports cut in.	3-3/8"	AC		LA-014-OB <sup>1</sup> O.D. 3-9/16"		5.550"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>MERCURY / MARINER</b>							
6 H.P. 2 Cylinder (12.8 C.I.) 8 H.P. 2 Cylinder 9.9 H.P. 2 Cylinder	Straight sleeve, no ports cut in.	2.125" 54mm	CI	T-202-OB O.D. 2-1/4"		L-202-OB O.D. 2-3/8"	4-9/16"
10 H.P. 2 Cylinder 1984-85 18 H.P. 2 Cylinder 1984-95	Straight sleeve, with ports cut in.	2.559" 65mm	AC		LA-018-OB O.D. 2-3/4"		4-11/16"
20/25 H.P. 2 Cylinder 1984-04 25XD (24.4 C.I.)	Straight sleeve, with ports cut in.	2.559" 65mm	AC		LA-018-OB O.D. 2-3/4"		4-11/16"
30 H.P. 2 Cylinder 1995-03 (39.3 C.I.)	Straight sleeve, with ports cut in.	2.992" 76mm	RS			L-129-OB <sup>2</sup> O.D. 3.202"	5.580"
35 H.P. 2 Cylinder (33.3 C.I.)	Straight sleeve, no ports cut in.	2-7/8"	CI	T-214-OB O.D. 3"		L-214-OB <sup>2</sup> O.D. 3-1/8"	4-7/8"
40 H.P. 4 Cylinder 45 H.P. 4 Cylinder 50 H.P. 4 Cylinder Cross-Flow	Straight sleeve, no ports cut in.	2-9/16"	CI	T-209-OB O.D. 2-11/16"		L-209-OB O.D. 2-13/16"	4-3/8"
40 H.P. 2 Cylinder 1996-03 (39.3 C.I.)	Straight sleeve, with ports cut in, single boost port, exhaust has compression relief notch.	2.992" 76mm	RS			L-160-OB <sup>2</sup> O.D. 3.200	5.575"
50 H.P. 3 Cylinder 1986-88	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8" 73mm	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
50 H.P. 3 Cylinder 1991-97 60 H.P. 3 Cylinder 1991-97 849cc (51.8 C.I.)	Straight sleeve, with ports cut in.	2.953" 75mm	RS			L-085-OB O.D. 3.200"	5.283"
40 H.P. 3 Cylinder 1998-04 50 H.P. 3 Cylinder 1998-04 60 H.P. 3 Cylinder 1998-04 (59 C.I.)	Straight sleeve, with ports cut in.	2.992" 76mm	RS			L-150-OB <sup>2</sup> O.D. 3.200"	5.585"
60 H.P. 3 Cylinder 65 H.P. 3 Cylinder 70 H.P. 3 Cylinder 75 H.P. 4 Cylinder 80 H.P. 4 Cylinder	Straight sleeve, no ports cut in. (Shorter length)  (Longer length)	2-7/8" 73mm	CI	T-214-OB O.D. 3"  T-216-OB O.D. 3"	LA-214-OB O.D. 3-1/16"  LA-216-OB O.D. 3-1/16"	L-214-OB O.D. 3-1/8"  L-216-OB O.D. 3-1/8"	4-7/8"  5"
60 H.P. 3 Cylinder 1984-89	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8" 73mm	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
65 H.P. 3 Cylinder 1972-76 70 H.P. 3 Cylinder 1977-83	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8" 73mm	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
75 H.P. 4 Cylinder 1984-85 Cross-Flow	Straight sleeve, with ports cut in, power port and 4 port exhaust.	2-7/8" 73mm	CI	T-019-OB O.D. 3"		L-019-OB O.D. 3-1/8"	4-7/8"
70 H.P. 3 Cylinder 1987-88 (71 C.I.) 75 H.P. 3 Cylinder 1989-93	Straight sleeve, with ports cut in.	3.375" 86mm	RS CS		LA-050-OB <sup>2</sup> O.D. 3.642" (RS Sleeve)	L-050-OB O.D. 3.670" (CS Sleeve)	5.490"
75 H.P. 3 Cylinder 1994-04 1386cc (84.6 C.I.)	Straight sleeve, with ports cut in. Short exhaust port notch.	3.500" 89mm	RS			L-130-OB <sup>1</sup> O.D. 3.766"	5.770"
75 H.P. 3 Cylinder 1998-04 1386cc (84.6 C.I.)	Straight sleeve, with ports cut in. Long exhaust port notch	3.500" 89mm	RS			L-167-OB <sup>2</sup> O.D. 3.766"	5.770"
75 H.P. Optimax 3 Cylinder 1526cc (93 C.I.)	Straight sleeve, with ports cut in.	3.622" 92mm				L-193-OB <sup>2</sup>	
80 H.P. 4 Cylinder 1968-74 Cross-Flow	Straight sleeve, with ports cut in, 4 port exhaust.	2-7/8" 73mm	CI	T-021-OB O.D. 3"		L-021-OB O.D. 3-1/8"	4-7/8"
80 H.P. 4 Cylinder 1978-84	Straight sleeve, with ports cut in, power port and 4 port exhaust.	2-7/8" 73mm	CI	T-019-OB O.D. 3"		L-019-OB O.D. 3-1/8"	4-7/8"
85 H.P. 3 Cylinder 1987-88 90 H.P. 3 Cylinder 1989-93 (71 C.I.)	Straight sleeve, with ports cut in.	3.375" 86mm	RS CS		LA-052-OB O.D. 3.642" (RS Sleeve)	L-052-OB O.D. 3.670" (CS Sleeve)	5.490"
90 H.P. 3 Cylinder 1994-04 1386cc (84.6 C.I.)	Straight sleeve, with ports cut in. Short exhaust port notch.	3.500" 89mm	RS			L-130-OB <sup>1</sup> O.D. 3.766"	5.770"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron,  
CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>MERCURY / MARINER (continued)</b>							
90 H.P. 3 Cylinder 1998-04 1386cc (84.6 C.I.)	Straight sleeve, with ports cut in. Long exhaust port notch	3.500" 89mm	RS			L-167-OB <sup>2</sup> O.D. 3.766"	5.770"
90 H.P. Optimax 3 Cylinder 1526cc (93 C.I.)	Straight sleeve, with ports cut in.	3.622" 92mm				L-193-OB <sup>2</sup>	
85 H.P. 4 Cylinder 90 H.P. 6 Cylinder 100 H.P. 6 Cylinder 115 H.P. 6 Cylinder 150 H.P. 6 Cylinder	Straight sleeve, no ports cut in. (Shorter length)  (Longer length)	2-7/8" 73mm	CI	T-214-OB O.D. 3"  T-216-OB O.D. 3"	LA-214-OB O.D. 3-1/16"  LA-216-OB O.D. 3-1/16"	L-214-OB O.D. 3-1/8"  L-216-OB O.D. 3-1/8"	4-7/8"  5"
85 H.P. 4 Cylinder 1975-77	Straight sleeve, with ports cut in, power port and 4 port exhaust.	2-7/8" 73mm	CI	T-019-OB O.D. 3"		L-019-OB O.D. 3-1/8"	4-7/8"
90 H.P. 6 Cylinder 1978-83	Straight sleeve, with ports cut in, 3 port exhaust, no power port .	2-7/8" 73mm	CI	T-045-OB O.D. 3"		L-045-OB O.D. 3-1/8"	4-7/8"
90 H.P. 6 Cylinder 1984-85	Straight sleeve, 3 port exhaust .600 diameter, no power port.	2.875" 73mm	CI	T-095-OB O.D. 3"		L-095-OB O.D. 3-1/8"	4-7/8"
100 H.P. 4 Cylinder (105 C.I.) 115 H.P. 4 Cylinder 1991-93	Straight sleeve, with ports cut in.	3.375" 86mm	RS CS		LA-053-OB O.D. 3.644" (RS Sleeve)	L-053-OB <sup>1</sup> O.D. 3.670" (CS Sleeve)	5.775"
100 H.P. 4 Cylinder 1994-04 115 H.P. 1848cc (113 C.I.) 125 H.P.	Straight sleeve, with ports cut in. No exhaust port notch	3.500" 89mm	RS			L-131-OB <sup>1</sup> O.D. 3.766"	5.770"
100 H.P. 6 Cylinder 1968-71 65 H.P. Cross-Flow	Straight sleeve, no ports cut in.	2.937"	CI	T-215-OB O.D. 3-1/16"	LA-215-OB O.D. 3-1/8"	L-215-OB O.D. 3-3/16"	5"
115 H.P. 6 Cylinder	Straight sleeve, with ports cut in, 3 port exhaust, no power port. (Narrow intake .400 wide)	2-7/8"	CI	T-048-OB O.D. 3"		L-048-OB O.D. 3-1/8"	4-7/8"
115 H.P. 6 Cylinder 1970-81	Straight sleeve, with ports cut in, 3 port exhaust, no power port.	2-7/8"	CI	T-016-OB O.D. 3"		L-016-OB O.D. 3-1/8"	4-7/8"
115 H.P. 6 Cylinder 1982-88	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8"	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
115 H.P. Optimax 3 Cylinder (93 C.I.) 1526cc	Straight sleeve, with ports cut in.	3.622" 92mm				L-193-OB O.D. 3.886"	6.197"
115 H.P. 60° V-6 1999-00 135 H.P. 60° V-6 1998-04 2507cc (153 C.I.)	Straight sleeve with ports cut in.	3.500" 89mm	RS		LA-177-OB <sup>2</sup> O.D. 3.693"		5.275"
135 H.P. Optimax 60° V-6 2.5 Litre (153 C.I.) 2507cc	Straight sleeve, with ports cut in. Same ports as LA-146-OB but without exhaust port relief notch.	3.500" 89mm	RS		LA-172-OB <sup>2</sup> O.D. 3.693"		5.275"
120 H.P. SportJet 1996	Straight sleeve, no ports cut in.	3.375" 86mm	CI	T-70-OB O.D. 3-1/2"	LA-70-OB O.D. 3-9/16"	L-70-OB O.D. 3-5/8"	5.550"
135 H.P. V-6 (122 C.I.) 1986-00	Straight sleeve, with ports cut in.	3-1/8"	CI		LA-04-OB <sup>2</sup> O.D. 3-5/16"	L-04-OB <sup>2</sup> O.D. 3-3/8"	5.550"
140 H.P. 6 Cylinder 1979-81	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8"	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
150 H.P. 6 Cylinder 1973-78	Straight sleeve, with ports cut in, power port and 3 port exhaust.	2-7/8"	CI	T-017-OB O.D. 3"		L-017-OB O.D. 3-1/8"	4-7/8"
150 H.P. V-1500 (122 C.I.) V-6 thru 1998 175 H.P. V-1750 (122 C.I.) V-6 thru 1981	Straight sleeve, with ports cut in.	3-1/8"	CI		LA-04-OB O.D. 3-5/16"	L-04-OB O.D. 3-3/8"	5.550"
150 H.P. V-1500 V-6 thru 1998 175 H.P. V-1750 V-6 thru 1981 (122 C.I.)	Flanged sleeve, with ports cut in.	3-1/8"	CI		FL-04-OB O.D. 3.315"		5.550"
2.0 Litre (122 C.I.) 1986-90	Straight sleeve, with ports cut in, with finger ports.	3-1/8"	AC		LA-047-OB O.D. 3-5/16"	L-047-OB O.D. 3-3/8"	5.520"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>MERCURY / MARINER (continued)</b>							
2.0 Litre V-6 Champ Racing Engine (122 C.I.)	1991-92 Straight sleeve, with ports cut in, bridged exhaust.	3-1/8"	AC			L-080-OB O.D. 3.435"	5.265"
2.0 Litre V-6 Champ Racing Engine (122 C.I.)	1991-92 Long length sleeve, must bore cylinder to the bottom. Same ports as L-080-OB.	3-1/8"	AC			L-098-OB O.D. 3.435"	5.550"
150 H.P. XR4 V-6 (142 C.I.)	1990-92 Straight sleeve, with ports cut in.	3-3/8"	RS		LA-054-OB <sup>1</sup> O.D. 3.557"		5.344"
150 H.P. XRi 2.5 Litre	1993 Straight sleeve, with ports cut in.	3.500" 89mm	RS		LA-146-OB O.D. 3.693"		5.275"
150 H.P. Optimax 60 <sup>2</sup> V-6 2.5 Litre 2507cc (153 C.I.)	1999-04 Straight sleeve with ports cut in. Same ports as LA-146-OB, but without exhaust port relief notch.	3.500" 89mm	RS		LA-172-OB <sup>2</sup> O.D. 3.693"		5.275"
150 H.P. XR6 60 <sup>2</sup> V-6 2.5 Litre (153 C.I.) 2507cc	1994-04 Straight sleeve, with ports cut in.	3.500" 89mm	RS		LA-079-OB <sup>1</sup> O.D. 3.693"		5.275"
150 H.P. 60 <sup>2</sup> V-6 2.5 Litre (153 C.I.) 2507cc	1997-04 Straight sleeve, with ports cut in. Small exhaust port notch	3.500" 89mm	RS		LA-151-OB <sup>2</sup> O.D. 3.692"		5.305"
175 H.P. V-6 (142 C.I.)	1983-92 Straight sleeve, with ports cut in, with finger ports.	3-3/8"	AC		LA-014-OB <sup>1</sup> O.D. 3-9/16"	L-014-OB O.D. 3-5/8"	5.550"
175 H.P. XR4 V-6	1991-92 Straight sleeve, with ports cut in, sleeve length + .030.	3-3/8"	RS		LA-103-OB <sup>1</sup> O.D. 3.557"		5.384"
175 H.P. XRi V-6 2.5 Litre (153 C.I.)	1993 Straight sleeve, with ports cut in.	3.500" 89mm	RS		LA-079-OB <sup>1</sup> O.D. 3.693"		5.275"
175 H.P. V-6, XR2 2.5 Litre (153 C.I.)	1996-04 Straight sleeve, with ports cut in. Small exhaust port notch.	3.500" 89mm	RS		LA-151-OB <sup>2</sup> O.D. 3.692"		5.305"
175 H.P. Optimax 60 <sup>2</sup> V-6 2.5 Litre 2507cc (153 C.I.)	1999-04 Straight sleeve with ports cut in. Same ports as LA-146-OB, but without exhaust port relief notch.	3.500" 89mm	RS		LA-172-OB <sup>2</sup> O.D. 3.693"		5.275"
V-2000 200 H.P. V-6 (142 C.I.) V-2250 225 H.P. V-6 thru 1981	Straight sleeve, with ports cut in.	3-3/8"	AC		LA-05-OB <sup>1</sup> O.D. 3-9/16"	L-05-OB O.D. 3-5/8"	5.550"
V-2000 200 H.P. V-6 V-2250 225 H.P. V-6 thru 1981	Flanged sleeve, with ports cut in, same as LA-05-OB.	3-3/8"	AC		FL-06-OB <sup>2</sup> O.D. 3-9/16"		5.500"
V-2000 200 H.P. V-6 (142 C.I.)	1982-83 Straight sleeve, with ports cut in, with finger ports.	3-3/8"	AC		LA-014-OB <sup>1</sup> O.D. 3-9/16"		5.550"
200 H.P. V-6 EFI (142 C.I.)	1983-90 Straight sleeve, with ports cut in, with finger ports.	3-3/8"	AC		LA-014-OB <sup>1</sup> O.D. 3-9/16"	L-014-OB O.D. 3-5/8"	5.550"
200 H.P. V-6 EFI (142 C.I.)	1983-90 Straight sleeve, with ports cut in, with finger ports, shorter length.	3-3/8"	AC		LA-073-OB <sup>1</sup> O.D. 3-9/16"	L-073-OB O.D. 3-5/8"	5.410"
200 H.P. V-6 EFI 175 H.P. (142 C.I.)	1982-90 1982-92 Flanged sleeve, with ports cut in, same as LA-014-OB.	3-3/8"	AC		FL-043-OB <sup>1</sup> O.D. 3-9/16"		5.500"
220 H.P. LASER XRi V-6 (142 C.I.)	1989-91 Straight sleeve, with ports cut in, with finger ports.	3-3/8"	AC		LA-072-OB <sup>1</sup> O.D. 3-9/16"	L-072-OB O.D. 3-5/8"	5.550"
220 H.P. LASER XRi V-6 (142 C.I.)	1989-91 Flanged sleeve, with ports cut in, with finger ports.	3-3/8"	AC		FL-077-OB <sup>1</sup> O.D. 3-9/16"		5.500"
2.4 Litre Bridged Exhaust (142 C.I.)	1987-91 Straight sleeve, with ports cut in.	3-3/8"	AC		LA-055-OB <sup>1</sup> O.D. 3-9/16"		5.550"
2.4 Litre Bridged Exhaust (142 C.I.)	1987-91 Flanged sleeve, with ports cut in, same as LA-055-OB.	3-3/8"	AC		FL-056-OB <sup>1</sup> O.D. 3-9/16"		5.500"
2.5 Litre 200 H.P. V-6, XRi, EFI (153 C.I.)	1992-04 Straight sleeve, with ports cut in. (Replacement sleeve.)	3.500" 89mm	RS		LA-079-OB <sup>1</sup> O.D. 3.693"		5.275"
2.5 Litre 200 H.P. XRi, V-6, EFI (153 C.I.)	1992-04 Flanged sleeve, O.D. + .020, with ports cut, same as LA-079-OB.	3.500" 89mm	RS		FL-081-OB <sup>1</sup> O.D. 3.710"		5.270"
2.5 Litre 200 H.P. V-6 (153 C.I.)	1996-04 Straight sleeve, with ports cut in. Original sleeve is aluminum.	3.500" 89mm	RS AC			L-153-OB <sup>2</sup> O.D. 3.825"	4.925"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available





## Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>MERCURY / MARINER (continued)</b>							
200 H.P. 2.5 Litre V-6, EFI (185 C.I.) 2000-04	Straight sleeve with ports cut in.	3.500" 89mm	RS		LA-181-OB <sup>2</sup> O.D. 3.693"		5.310"
3.0 Litre 200 H.P. V-6 Optimax (185 C.I.) 1998-04 3032cc	Straight sleeve, with ports cut in. Has compression relief notch.	3.625" 92mm	RS			L-154-OB <sup>2</sup> O.D. 3.886"	6.197"
2.5 Litre EFI V-6 1991-92 2.5 Litre MOD VP V-6 1991-92	Straight sleeve, with ports cut in, for Nikasil block.	3.500" 89mm	AC			L-096-OB <sup>1</sup> O.D. 3.850"	4.896"
2.5 Litre V-6 1993-94	Flanged sleeve, with ports cut in, for Nikasil block. Same ports as L-096-OB.	3.500" 89mm	AC			FL-099-OB O.D. 3.850"	4-7/8"
200 H.P. 3.0 Litre EFI Optimax V-6 (185 C.I.) 3032cc 1998-04	Straight sleeve with ports cut in. No exhaust port relief notch.	3.625" 92mm	RS			L-184-OB <sup>2</sup> O.D. 3.886"	6.197"
3.0 Litre 225 H.P. V-6 (185 C.I.) 1994-04	Straight sleeve, with ports cut in. Has compression relief notch.	3.625" 92mm	RS			L-132-OB <sup>2</sup> O.D. 3.886"	6.197"
225 H.P. Optimax EFI 3.0 Litre V-6 2001-04	Straight sleeve, with ports cut in.	3.625" 92mm	RS		Port (L) Starboard (R)	L-182-OB <sup>2</sup> L-183-OB <sup>2</sup> O.D. 3.886"	6.197"
225 H.P. Promax V-6 (153 C.I.) 1998-04	Straight sleeve with port cut in.	3.500" 89mm	RS		LA-165-OB <sup>2</sup> O.D. 3.693"		5.275"
240 H.P. EFI V-6 2.5 Liter 2000	Straight sleeve with ports cut in.	3.500" 89mm	RS		LA-175-OB <sup>2</sup> O.D. 3.694"		5.335"
245 H.P. 2.5 Liter V-6 (153 C.I.) 1996-00	Straight sleeve with ports cut in. Original sleeve is aluminum.	3.500" 89mm	RS AC			L-153-OB <sup>2</sup> O.D. 3.825"	4.925"
3.0 Litre 250 H.P. V-6, EFI (185 C.I.) 1994-04	Straight sleeve, with ports cut in. Has compression relief notch.	3.625" 92mm	RS			L-132-OB <sup>2</sup> O.D. 3.886"	6.197"
250 H.P. Optimax 3.0 Litre V-6 (185 C.I.) 3032cc 2001-04	Straight sleeve, with ports cut in.	3.625" 92mm	RS		Port (L) Starboard (R)	L-182-OB <sup>2</sup> L-183-OB <sup>2</sup> O.D. 3.886"	6.197"
260 H.P. 2.5 Liter V-6 (153 C.I.) 1996-00	Straight sleeve with ports cut in. Original sleeve is aluminum.	3.500" 89mm	RS AC			L-153-OB <sup>2</sup> O.D. 3.825"	4.925"
3.4 Litre 275 H.P. V-6 1983-85, 1988-89	Straight sleeve, with ports cut in.	3.740" 95mm	AC		LA-015-OB O.D. 3-15/16"	L-015-OB O.D. 4"	6.700"
3.4 Litre 250, 275 H.P. V-6 (207 C.I.) 1990-93	Straight sleeve, with ports cut in.	3.740" 95mm	AC		LA-097-OB O.D. 3-15/16"		6.700"
300 H.P. Promax V-6 (185 C.I.) 1998-04	Straight sleeve, with ports cut in. Has compression relief notch.	3.625" 92mm				L-166-OB <sup>2</sup> O.D. 3.886"	6.197"
300 H.P. S3000 RACE V-6 (153 C.I.) 1996-04	Straight sleeve, with ports cut in.	3.500" 89mm	RS AC			L-164-OB <sup>2</sup> O.D. 3.850"	4.950"
<b>O.M.C. (JOHNSON-EVINRUDE)</b>							
9.9/15 H.P. 2 Cylinder Cross-Flow (13.2 C.I.) 1980-92	Straight sleeve, no ports cut in.	2-3/16"	CI	T-203-OB O.D. 2-5/16"	LA-203-OB O.D. 2-3/8"	L-203-OB O.D. 2-7/16"	4"
9.9/15 H.P. 2 Cylinder Cross-Flow 255cc (15.6 C.I.) 1993-04	Straight sleeve, no ports cut in.	2-3/8"	CI	T-206-OB O.D. 2-1/2"	LA-206-OB O.D. 2-9/16"	L-206-OB O.D. 2-5/8"	4-3/8"
20 H.P. 2 Cylinder 1968-73 25 H.P. 2 Cylinder 1970-76 Cross-Flow	Straight sleeve, no ports cut in.	2-1/2"	CI	T-208-OB O.D. 2-5/8"	LA-208-OB O.D. 2-11/16"	L-208-OB O.D. 2-3/4"	5"
25 H.P. 3 Cylinder 500cc (30.5 C.I.) 1998-00	Straight sleeve, with ports cut in.	2.350"	RS			L-185-OB <sup>2</sup> O.D. 2.700"	4.680"
20 H.P. 2 Cylinder 1985-00 25 H.P. 2 Cylinder 1976-04 30 H.P. 2 Cylinder 1985-04 Cross-Flow 521cc (32.1 C.I.)	Straight sleeve, no ports cut in.	3"	CI	T-30-OB O.D. 3-1/8"	LA-30-OB O.D. 3-3/16"	L-30-OB O.D. 3-1/4"	5-1/2"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length	
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.		
<b>O.M.C. (JOHNSON-EVINRUDE) continued</b>								
33 H.P. 2 Cylinder Cross-Flow	1968-70	Straight sleeve, no ports cut in.	3-1/16"	CI	T-602-OB O.D. 3-3/16"	LA-602-OB O.D. 3-1/4"	L-602-OB O.D. 3-5/16"	5-1/2"
35 H.P. 2 Cylinder Cross-Flow	1976-85	Straight sleeve, no ports cut in.	3"	CI	T-30-OB O.D. 3-1/8"	LA-30-OB O.D. 3-3/16"	L-30-OB O.D. 3-1/4"	5-1/2"
35 H.P. 3 Cylinder 565cc (34.5 C.I.)	1998-00	Straight sleeve with ports cut in. With compression relief hole above exhaust port.	2-1/2"	RS		LA-176-OB <sup>2</sup> O.D. 2.703"		4.687"
40 H.P. 2 Cylinder Cross-Flow	1968-76	Straight sleeve, no ports cut in.	3-3/16"	CI	T-603-OB O.D. 3-5/16"	LA-603-OB O.D. 3-3/8"	L-603-OB O.D. 3-7/16"	5-1/2"
40 H.P. 2 Cylinder 737cc (45 C.I.)	1985-04	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-012-OB <sup>2</sup> O.D. 3.453"	5.585"
50 H.P. 2 Cylinder	1971-75	Flanged sleeve, with ports cut in, 3 port exhaust.	3-1/16"	CI	FL-03-OB O.D. 3-3/16"			5-7/16"
50 H.P. 2 Cylinder	1980	Flanged sleeve, with ports cut in, 2 port exhaust.	3-3/16"	CI	FL-09-OB O.D. 3-5/16"			5-7/16"
50 H.P. 2 Cylinder Commercial 1980		Flanged sleeve, with ports cut in, 2 port exhaust.	3-3/16"	CI	FL-09-OB O.D. 3-5/16"			5-7/16"
50 H.P. 2 Cylinder 55 H.P. 2 Cylinder 737cc (45 C.I.)	1985-04	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-012-OB <sup>2</sup> O.D. 3.453"	5.585"
40 H.P. E-TEC 2 Cylinder 50 H.P. E-TEC 2 Cylinder 60 H.P. E-TEC 2 Cylinder 863cc (53 C.I.)		Straight sleeve, with ports cut in,	3.600"	RS	Port (L) Starboard (R)	LA-194-OB <sup>2</sup> LA-195-OB <sup>2</sup> O.D. 3.800"		5.060"
40 H.P. 3 Cylinder 50 H.P. 3 Cylinder 920cc (56 C.I.)	1999-00 1995-98	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-125-OB <sup>2</sup> O.D. 3.465"	4.540"
55 H.P. 2 Cylinder	1976-78	Flanged sleeve, with ports cut in, 3 port exhaust.	3-3/16"	CI	FL-01-OB <sup>1</sup> O.D. 3-5/16"			5-7/16"
55 H.P. 2 Cylinder	1979-80	Flanged sleeve, with ports cut in, 2 port exhaust.	3-3/16"	CI	FL-010-OB O.D. 3-5/16"			5-7/16"
55 H.P. 2 Cylinder 737cc (45 C.I.)	1981-93	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-012-OB <sup>2</sup> O.D. 3.453"	5.585"
60 H.P. 2 Cylinder	1980-85	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-012-OB <sup>2</sup> O.D. 3.453"	5.585"
60 H.P. 3 Cylinder	1986-89	Flanged sleeve, with ports cut in, 3 port exhaust.	3"	CS		FL-025-OB <sup>1</sup> O.D. 3-3/16"		4-3/4"
60 H.P. 3 Cylinder 65 H.P. 3 Cylinder 920cc (56 C.I.)	1993-00	Straight sleeve, with ports cut in, non bridged exhaust port.	3-3/16"	RS			L-125-OB <sup>2</sup> O.D. 3.465"	4.540"
65 H.P. 3 Cylinder	1972-73	Flanged sleeve, with ports cut in, 3 port exhaust.	3"	CS		FL-02-OB <sup>1</sup> O.D. 3-3/16"		4-9/16"
70 H.P. 3 Cylinder	1974-79	Flanged sleeve, with ports cut in, 3 port exhaust.	3"	CS		FL-02-OB <sup>1</sup> O.D. 3-3/16"		4-9/16"
70 H.P. 3 Cylinder	1980-85	Flanged sleeve, with ports cut in, 3 port exhaust.	3"	CS		FL-025-OB <sup>1</sup> O.D. 3-3/16"		4-3/4"
60 H.P. 3 Cylinder 70 H.P. 3 Cylinder 920cc (56 C.I.)	1987-93 1986-92	Straight sleeve, with ports cut in, <b>bridged</b> exhaust port.	3-3/16"	RS			L-057-OB <sup>1</sup> O.D. 3.444"	4.545"
70 H.P. 3 Cylinder 920cc (56 C.I.)	1993-00	Straight sleeve, with ports cut in, <b>no</b> exhaust port bridge.	3-3/16"	RS			L-125-OB <sup>2</sup> O.D. 3.465"	4.540"
75 H.P. 3 Cylinder	1975-79	Flanged sleeve, with ports cut in.	3"	CS		FL-02-OB <sup>1</sup> O.D. 3-3/16"		4-9/16"
75 H.P. 3 Cylinder	1980-89	Flanged sleeve, with ports cut in, 3 port exhaust.	3"	CS		FL-025-OB <sup>1</sup> O.D. 3-3/16"		4-3/4"
MOD-50 75 H.P. 3 Cylinder		Flanged sleeve, ports cut in, with finger ports.	3"		FL-041-OB O.D. 3-1/8"			4-3/4"

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Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length	
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.		
<b>O.M.C. (JOHNSON-EVINRUDE) continued</b>								
70 H.P. E-TEC 3 Cylinder 90 H.P. E-TEC 3 Cylinder 1295cc (79 C.I.)	Straight sleeve with ports cut in.	3.600"	RS	Port (L) Starboard (R)	LA-196-OB <sup>2</sup> LA-197-OB <sup>2</sup> O.D. 3.800"		5.060"	
85 H.P. V-4 100 H.P. V-4	1969-76 1971-72	Straight sleeve, no ports cut in.	3-3/8"	CI	T-70-OB O.D. 3-1/2"	LA-70-OB O.D. 3-9/16"	L-70-OB O.D. 3-5/8"	5.550"
85 H.P. V-4 100 H.P. V-4		Special flanged sleeve, to repair damaged or corroded upper cylinder wall, no ports cut in.	3-3/8"	CI	FL-034-OB O.D. 3-1/2"			5"
88 H.P. V-4 90 H.P. V-4 115 H.P. V-4 GT-100 V-4 Cross-Flow 1632cc (100 C.I.)	1988-93 1980-98 1980-98 1993	Straight sleeve, no ports cut in.	3-1/2"	CI	T-20-OB O.D. 3-5/8"	LA-20-OB O.D. 3-11/16"	L-20-OB <sup>2</sup> O.D. 3-3/4"	5-1/2"
90 H.P. V-4 100 H.P. V-4 115 H.P. V-4 1726cc (105 C.I.)	1995-04 1995-00 1995-04	Straight sleeve, with ports cut in. Carb injection.	3.600"	RS	Port (L) Starboard (R)	LA-133-OB <sup>2</sup> LA-134-OB <sup>2</sup> O.D. 3.800"		5.060"
90 H.P. Ficht 60° V-4 115 H.P. Ficht 60° V-4 (105 C.I.) 1726cc		Straight sleeve with ports cut in. Top of exhaust to top of sleeve 1.600". Same as LA-189-OB / LA-190-OB except for exhaust height.	3.600"	RS	Port (L) Starboard (R)	LA-179-OB <sup>2</sup> LA-180-OB <sup>2</sup> O.D. 3.800"		5.060"
120 H.P. Ficht V-4		Straight sleeve with ports cut in. Top of exhaust to top of sleeve 1.750". Same as LA-179-OB / LA-180-OB except for exhaust height.	3.600"	RS	Port (L) Starboard (R)	LA-189-OB <sup>2</sup> LA-190-OB <sup>2</sup> O.D. 3.800"		5.060"
115 H.P. V-4	1969-70	Straight sleeve, no ports cut in.	3-7/16"	CI	T-38-OB O.D. 3-9/16"	LA-38-OB O.D. 3-5/8"	L-38-OB <sup>2</sup> O.D. 3-11/16"	5-1/2"
125 H.P. V-4 135 H.P. V-4 Cross-Flow	1971-72 1973 - on	Straight sleeve, no ports cut in.	3-1/2"	CI	T-20-OB O.D. 3-5/8"	LA-20-OB O.D. 3-11/16"	L-20-OB <sup>2</sup> O.D. 3-3/4"	5-1/2"
140 H.P. V-4	1976-84	Straight sleeve, no ports cut in.	3-1/2"	CI	T-20-OB O.D. 3-5/8"	LA-20-OB O.D. 3-11/16"	L-20-OB <sup>2</sup> O.D. 3-3/4"	5-1/2"
115 H.P. V-4 (100 C.I.) 125 H.P. V-4 135 H.P. V-4 140 H.P. V-4		Special flanged sleeve, to repair damaged or corroded upper cylinder wall, no ports cut in.	3-1/2"	CI	FL-035-OB O.D. 3-5/8"			5-3/8"
120 H.P. V-4 140 H.P. V-4	1985-89 1985-91	Straight sleeve, with ports cut in, bridged exhaust port, 1.770" height from top.	3-1/2"	RS			L-026-OB <sup>2</sup> O.D. 3.875"	5.992"
120 H.P. V-4 140 H.P. V-4 (122 C.I.)	1988-94 1988-94	Straight sleeve, with ports cut in, bridged exhaust port.	3.685"	RS			L-058-OB <sup>1</sup> O.D. 3.875" (.095" wall)	5.230"
120 H.P. V-4 140 H.P. V-4	1988-94 1988-94	Flanged sleeve, O.D. + .020 with ports cut in, same as L-058-OB, bridged exhaust port.	3.685"				FL-082-OB O.D. 3.905"	5.225"
130 H.P. V-4 2000cc (122 C.I.)	1995-00	Straight sleeve, with ports cut in.	3.685"	RS		LA-135-OB <sup>2</sup> O.D. 3.876"		5-1/4"
150 H.P. V-6 2589cc (158 C.I.)	1992-04	Straight sleeve, with ports cut in, exhaust port height from top of sleeve to top of exhaust 1.710". Carb injection.	3.600"	RS	Port (L) Starboard (R)	LA-117-OB <sup>2</sup> LA-118-OB <sup>2</sup> O.D. 3.800"		5.060"
135 H.P. Ficht 60° V-6 150 H.P. Ficht 60° V-6 (158 C.I.) 2589cc		Straight sleeve with ports cut in.	3.600"	RS	Port (L) Starboard (R)	LA-173-OB <sup>2</sup> LA-174-OB <sup>2</sup> O.D. 3.800"		5.060"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available





# Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length	
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.		
<b>O.M.C. (JOHNSON-EVINRUDE) continued</b>								
175 H.P. V-6 Cross-Flow	1987-91	Straight sleeve, no ports cut in.	3-5/8"	CI	T-24-OB O.D. 3-3/4"	LA-24-OB O.D. 3-13/16"	L-24-OB O.D. 3-7/8"	5-1/2"
150 H.P. V-6 XP-150 V-6 GT-150 V-6 175 H.P. V-6 185 H.P. V-6 Cross-Flow	1980-81 1988-91 1988-89 1976 - on 1984 - on	Straight sleeve, no ports cut in.	3-1/2"	CI	T-20-OB O.D. 3-5/8"	LA-20-OB O.D. 3-11/16"	L-20-OB <sup>2</sup> O.D. 3-3/4"	5-1/2"
150 H.P. Eagle Series 175 H.P. V-6 2589cc (158 C.I.)	1991-04	Straight sleeve, with ports cut in, exhaust port height from top of sleeve to top of exhaust 1.610". Carb injection.	3.600"	RS	Port (L) Starboard (R)	LA-084-OB <sup>2</sup> LA-116-OB <sup>2</sup> O.D. 3.800"		5.060"
175 H.P. Ficht 60° V-6 (158 C.I.) 2589cc		Straight sleeve with ports cut in.	3.600"	RS	Port (L) Starboard (R)	LA-170-OB <sup>2</sup> LA-171-OB <sup>2</sup> O.D. 3.800"		5.060"
200 H.P. V-6	1976-84	Straight sleeve, no ports cut in.	3-1/2"	CI	T-20-OB O.D. 3-5/8"	LA-20-OB O.D. 3-11/16"	L-20-OB <sup>2</sup> O.D. 3-3/4"	5-1/2"
150 H.P. V-6 175 H.P. V-6 200 H.P. V-6		Special flanged sleeve to repair damaged or corroded upper cylinder wall, no ports cut in.	3-1/2"	CI	FL-035-OB <sup>1</sup> O.D. 3-5/8"			5-1/4"
200 H.P. V-6 1985-87		Straight sleeve, with ports cut in, bridged exhaust port 1.770" height from top.	3-1/2"	RS			L-026-OB <sup>2</sup> O.D. 3.875"	5.992"
XP, GT-200 V-6 200 H.P. V-6 225 H.P. V-6	1988-93 1988-93 1988-93	Straight sleeve, with ports cut in, no exhaust port bridge.	3.685"	RS			L-059-OB <sup>1</sup> O.D. 3.875" (.095" wall)	5.230"
GT-200, GT-300 V-6, V-8	1988-93	Flanged sleeve, O.D. + .020 with ports cut in, same as L-059-OB, no exhaust port bridge.	3.685"				FL-083-OB O.D. 3.905"	5.225"
200 H.P. V-6 225 H.P. V-6 3000cc (183 C.I.)	1993-00 1993-00	Straight sleeve, with ports cut in, no exhaust port bridge. Intake has finger ports (2 per each side). Carb injection.	3.685"	RS		LA-119-OB <sup>1</sup> O.D. 3.875"	L-119-OB <sup>1</sup> O.D. 3.940"	5.230"
235 H.P. V-6 Cross-Flow	1979-86	Straight sleeve, no ports cut in.	3-5/8"	CI	T-24-OB O.D. 3-3/4"	LA-24-OB O.D. 3-13/16"	L-24-OB O.D. 3-7/8"	5-1/2"
250 H.P. HO 3.0 Litre	1999-00	Straight sleeve with ports cut in. Similar porting to LA-119-OB.	3.685"	RS		LA-168-OB O.D. 3.872"		5.230"
200 H.P. Ficht 60° V-6 225 H.P. Ficht 60° V-6 250 H.P. Ficht 60° V-6		Flange sleeve with ports cut in.	3.685"	RS			FL-169-OB <sup>2</sup> O.D. 3.977"	5.225"
200 H.P. 90° Ficht V-6 225 H.P. 90° Ficht V-6 250 H.P. 90° Ficht V-6 (200 C.I.) 3279cc 3.3 Litre		Flange sleeve with ports cut in.	3.858" 98mm	RS		FL-187-OB <sup>2</sup> O.D. 4.055"		5.440"
235 H.P. V-6		Special flanged sleeve to repair damaged or corroded upper cylinder wall, no ports cut in.	3-5/8"	CI	FL-036-OB <sup>1</sup> O.D. 3-3/4"			5-3/8"
2.6 XP V-6 Cross-Flow	1985-86	Straight sleeve, no ports cut in.	3-5/8"	CI	T-24-OB O.D. 3-3/4"	LA-24-OB O.D. 3-13/16"	L-24-OB O.D. 3-7/8"	5-1/2"
250 H.P. V-8 (244 C.I.)	1988-90	Straight sleeve, with ports cut in, no exhaust port bridge.	3.685"	RS			L-059-OB <sup>1</sup> O.D. 3.875"	5.230"
250 H.P. V-8 4000cc (244 C.I.)	1991-92	Straight sleeve, bridged exhaust.	3.685"	RS			L-058-OB <sup>1</sup> O.D. 3.875"	5.230"
250 H.P. V-8 4000cc (244 C.I.)	1993-95	Straight sleeve, with ports cut in, no exhaust port bridge. Intake has finger ports (2 per each side).	3.685"	RS		LA-119-OB <sup>1</sup> O.D. 3.875"	L-119-OB <sup>1</sup> O.D. 3.940"	5.230"
275 H.P. V-8	1985-88	Straight sleeve, with ports cut in, bridged exhaust port, 1.670" height from top.	3-1/2"	RS			L-027-OB <sup>2</sup> O.D. 3.875"	5.992"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available



## Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length	
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.		
<b>O.M.C. (JOHNSON-EVINRUDE) continued</b>								
3.6 XP V-8	1985-87	Straight sleeve, with ports cut in, bridged exhaust port, 1.670" height from top.	3-1/2"	RS			L-027-OB <sup>2</sup> O.D. 3.875"	5.992"
XP, GT-300 V-8 (244 C.I.)	1988-93	Straight sleeve, with ports cut in, no exhaust port bridge, no finger ports.	3.685"	RS			L-059-OB <sup>2</sup> O.D. 3.875"	5.230"
300 H.P. V-8 4000cc (244 C.I.)	1993-95	Straight sleeve, with ports cut in, no exhaust port bridge. Intake has finger ports (2 per each side).	3.685"	RS		LA-119-OB <sup>1</sup> O.D. 3.875"	L-119-OB <sup>1</sup> O.D. 3.940"	5.230"
<b>SUZUKI</b>								
8 H.P. 2 Cylinder	1992	Straight sleeve, with ports cut in.	2.125" 54mm	RS		LA-178-OB O.D. 2.330"		3.680"
DT-9.9 2 Cylinder	1985-87	Flanged sleeve, with ports cut in.	2.322" 59mm	RS		FL-063-OB O.D. 2.566"		4.170"
DT-9.9 2 Cylinder	1986-91	Straight sleeve, with ports cut in.	2.322" 59mm	RS		LA-075-OB O.D. 2.527"		3.936"
DT-9.9 2 Cylinder	1994-95	Straight sleeve, with ports cut in.	2.124" 54mm	RS		LA-136-OB		
DT-15 2 Cylinder	1981-95	Flanged sleeve, with ports cut in.	2.322" 59mm	RS		FL-063-OB O.D. 2.566"		4.170"
DT-16 2 Cylinder	1981-87							
DT-25 2 Cylinder		Flanged sleeve, with ports cut in.	2.716" 71mm	RS		FL-078-OB O.D. 3.039"		4.905"
DT-25 3 Cylinder	1988-00	Straight sleeve, with ports cut in.	2.440" 62mm	RS		LA-093-OB O.D. 2.644"		4.727"
DT-30 3 Cylinder	1988-97							
543cc (33 C.I.)								
DT-40 2 Cylinder	1984-98	Straight sleeve, with ports cut in.	3.110" 79mm	RS			L-060-OB O.D. 3.394"	5.433"
696cc (42.5 C.I.)								
DT-50 2 Cylinder	1980-83	Flanged sleeve, with ports cut in.	3.149" 80mm	RS		FL-719-OB O.D. 3.469"		5.705"
DT-50 2 Cylinder	1989	Straight sleeve, with ports cut in, compression relief hole above exhaust port.	3.307" 84mm	RS			L-162-OB O.D. 3.672"	5.713"
Wetbike 50 H.P. 2 Cylinder		Flanged sleeve, with ports cut in.	3.149" 80mm	RS		FL-719-OB O.D. 3.469"		5.705"
DT-55 3 Cylinder	1985-97	Straight sleeve, with ports cut in.	2.874" 73mm	RS			L-061-OB O.D. 3.156"	5.447"
DT-65 3 Cylinder	1985-97							
DT-60 2 Cylinder	1984-86	Straight sleeve with ports cut in.	3.307" 84mm	RS			L-188-OB O.D. 3.670"	5.710"
DT-65 2 Cylinder	1980-83	Flanged sleeve, with ports cut in.	3.307" 84mm	RS		FL-B719-OB O.D. 3.469"		5.705"
DT-75 3 Cylinder	1980-97	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-028-OB O.D. 3.672"	5.713"
DT-85 3 Cylinder	1980-00							
1.2 Litre								
1197cc (73 C.I.)								
DT-90 V-4	1993-97	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-137-OB	
DT-100 V-4	1993-00							
1.4 Litre								
1419cc (87 C.I.)								
DT-115 4 Cylinder	1981-85	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-029-OB O.D. 3.668"	6-1/2"
DT-115 EFI 4 Cylinder	1986-01	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-076-OB O.D. 3.667"	6.260"
1.8 Litre								
1773cc (108 C.I.)								
DT-140 4 Cylinder	1981-91	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-029-OB O.D. 3.668"	6-1/2"
DT-140 EFI 4 Cylinder	1995-01	Straight sleeve, with ports cut in.	3.307" 84mm	RS			L-148-OB O.D. 3.667"	6.260"
1773cc (108 C.I.)								

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Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available

Model	Sleeve Description	Cylinder I.D. ★	SLEEVE PART No.			Sleeve Length
			1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>SUZUKI (continued)</b>						
DT-150 EFI V-6 2.7 Litre 2693cc (164 C.I.) 1981-00	Flanged sleeve, with ports cut in, exhaust port height is 1.945" from top of sleeve.	3.307" 84mm	RS		FL-121-OB O.D. 3.590"	6.525"
DT-150 Super Six 6 Cylinder 1981-89	Flanged sleeve, with ports cut in, exhaust port height is 1.840" from top of sleeve.	3.307" 84mm	RS		FL-062-OB O.D. 3.590"	6.525"
DT-150 Super Six 6 Cylinder 1981-91	Flanged sleeve, with ports cut in, original bore is boron carbide coated aluminum.	3.307" 84mm	AC/RS		FL-104-OB O.D. 3.739"	6.537"
DT-150 EFI 6 Cylinder V-6 2.7 Litre 2693cc (164 C.I.) 1993-03	Flanged sleeve, with ports cut in, two decompression relief holes above exhaust port. Original bore is boron carbide coated aluminum.	3.307" 84mm	AC/RS		FL-104-OB O.D. 3.739"	6.537"
DT-150 6 Cylinder 2.7 Litre 2693cc (164 C.I.) 1999	Flanged sleeve, with ports cut in. Exhaust port height is 1.970" from top of sleeve. Exhaust width 1.640"	3.307" 84mm	RS		FL-191-OB O.D. 3.590"	6.525"
DT-175 6 Cylinder 1981-93 DT-200 6 Cylinder 1981-92	Flanged sleeve, with ports cut in, exhaust port height is 1.945" from top of sleeve.	3.307" 84mm	RS		FL-121-OB O.D. 3.590"	6.525"
DT-200 EFI 6 Cylinder V-6 2.7 Litre 2693cc (164 C.I.) 1993-00	Flanged sleeve, with ports cut in, two decompression relief holes above exhaust port. Original bore is boron carbide coated aluminum.	3.307" 84mm	AC/RS		FL-104-OB O.D. 3.739"	6.537"
DT-225 EFI 6 Cylinder V-6 2.7 Litre 2693cc (164 C.I.) 1993-03	Flanged sleeve, with ports cut in, no decompression relief holes above exhaust. Same as FL-186-OB except with open bottom transfer ports. Original bore is boron carbide coated aluminum.	3.307" 84mm	AC/RS		FL-128-OB O.D. 3.739"	6.537"
DT-225 EFI V-6 2.7 Litre 2693cc (164 C.I.) 1993-00	Flanged sleeve, with ports cut in. Same as FL-186-OB except with closed bottom transfer ports.	3.307" 84mm	RS		FL-186-OB O.D. 3.739"	6.537"
<b>TOHATSU / NISSAN</b>						
25 H.P. 2 Cylinder 1990-00 30 H.P. 2 Cylinder 430cc	Straight sleeve, with ports cut in, overall length + .020 to allow for decking after installation.	2.677" 68mm	RS		L-126-OB O.D. 2.960"	4-7/8"
40 H.P. 2 Cylinder 493cc 1985-95	Straight sleeve, with ports cut in.	2.755" 70mm	RS		L-064-OB O.D. 3.017"	5.155"
40 H.P. 3 Cylinder 1994-04 50 H.P. 3 Cylinder 697cc 1992-04	Straight sleeve, with ports cut in, overall length + .015 to allow for decking after installation.	2.677" 68mm	RS		L-123-OB O.D. 2.940"	5.115"
50 H.P. 2 Cylinder 1986-91 55 H.P. 2 Cylinder 749cc 1986-91	Straight sleeve, with ports cut in.	3.189" 81mm	RS		L-065-OB O.D. 3.534"	5.910"
60 H.P. 3 Cylinder 1991-95 70 H.P. 3 Cylinder 938cc 1994-00	Straight sleeve, with ports cut in, overall length + .020 to allow for decking after installation.	2.914" 74mm	RS		L-124-OB O.D. 3.195"	5.840"
70 H.P. 2 Cylinder 1986-90	Straight sleeve, with ports cut in.	3.385" 86mm	RS		L-066-OB O.D. 3.745"	5.905"
70 H.P. 3 Cylinder 1993-04 90 H.P. 3 Cylinder 1267cc	Straight sleeve, with ports cut in, overall length + .020 to allow for decking after installation.	3.385" 86mm	RS		L-122-OB O.D. 3.746"	5.895"
115 H.P. 4 Cylinder 1768cc 1995-04	Straight sleeve, with ports cut in, overall length + .020 to allow for decking after installation.	3.464" 88mm	RS		L-138-OB O.D. 3.787"	5.905"
120 H.P. 4 Cylinder 1993-04 140 H.P. 4 Cylinder 1768cc 1993-04	Straight sleeve, with ports cut in, overall length + .020 to allow for decking after installation.	3.464" 88mm	RS		L-138-OB O.D. 3.787"	5.905"

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Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available





## Outboard Cylinder Sleeves

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>YAMAHA</b>							
25 H.P. 2 Cylinder 395cc	1986-04	Straight sleeve, with ports cut in.	2.637" 67mm	RS		LA-067-OB O.D. 2.880"	4.260"
25 H.P. 3 Cylinder 30 H.P. 3 Cylinder 496cc	1986-00	Straight sleeve, with ports cut in.	2.342" 59.5mm	RS		LA-068-OB <sup>2</sup> O.D. 2.543"	4.725"
40 H.P. 2 Cylinder Enduro Series South American models		Straight sleeve, with ports cut in.	3.070" 78mm	RS		LA-101-OB O.D. 3.311"	5.592"
C 40 H.P. 2 Cylinder 592cc	1995-97	Straight sleeve, with ports cut in.	3.070" 78mm	RS		LA-101-OB O.D. 3.311"	5.592"
40 H.P. 3 Cylinder 50 H.P. 3 Cylinder 689cc (42.6 C.I.)	1983-04 1983-04	Straight sleeve, with ports cut in.	2.637" 67mm	RS		LA-069-OB <sup>2</sup> O.D. 2.838"	L-069-OB <sup>2</sup> O.D. 2.910"
48 H.P. Twin Enduro Series South American models	thru 2000 760cc	Straight sleeve, with ports cut in.	3.228" 82mm	RS		LA-102-OB <sup>2</sup> O.D. 3.433"	5.556"
C 55 H.P. 2 Cylinder 760cc	1994-95	Straight sleeve, with ports cut in.	3.228" 82mm	RS		LA-102-OB <sup>2</sup> O.D. 3.433"	5.556"
60 H.P. 3 Cylinder 70 H.P. 3 Cylinder 849cc (51.8 C.I.)	1992-04 1983-04	Straight sleeve, with ports cut in.	2.834" 72mm	RS			L-051-OB <sup>2</sup> O.D. 3.078"
75 H.P. 3 Cylinder 85 H.P. 3 Cylinder 1140cc (69.6 C.I.)	1994-00 1994-96	Straight sleeve, with ports cut in.	3.228" 82mm	RS		LA-071-OB <sup>2</sup> O.D. 3.433"	5.556"
90 H.P. 3 Cylinder 1140cc (69.6 C.I.)	1983-04	Straight sleeve, with ports cut in.	3.228" 82mm	RS		LA-071-OB <sup>2</sup> O.D. 3.433"	5.556"
115 H.P. V-4 130 H.P. V-4 1730cc (105.5 C.I.)	1983-88 1983-88	Straight sleeve, with ports cut in.	3.543" 90mm	RS		LA-032-OB <sup>2</sup> O.D. 3.748"	5.163"
115 H.P. V-4 (#6E5) 1730cc (105.5 C.I.)	1989-04	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-086-OB <sup>2</sup> O.D. 3.748"	5.163"
130 H.P. V-4 (#6L1) 1730cc (105.5 C.I.)	1989-00	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-087-OB <sup>2</sup> O.D. 3.748"	5.163"
150 H.P. V-6 175 H.P. V-6 200 H.P. V-6 2596cc (158.4 C.I.)	1983-88 1983-87 1983-87	Straight sleeve, with ports cut in.	3.543" 90mm	RS		LA-033-OB <sup>2</sup> O.D. 3.748"	5.163"
150 H.P. 90° V-6 (#6R3) 2596cc (158.4 C.I.)	1993-04	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-147-OB <sup>2</sup> O.D. 3.787"	5.163"
PRO-V 150 V-6 2596cc (158.4 C.I.)	1990-97	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-090-OB <sup>2</sup> O.D. 3.748"	5.163"
150 H.P. 76° V-6 V-Max 175 H.P. 76° V-6 V-Max 200 H.P. 76° V-6 V-Max 2596cc (158.4 C.I.)	1998-04 1998-04 1998-04	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-158-OB <sup>2</sup> O.D. 3.787"	5.163"
175 H.P. V-6 (#665) 2596cc (158.4 C.I.)	1988-89	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port.	3.543" 90mm	RS		LA-127-OB O.D. 3.748"	5.163"
PRO-V 175 V-6 2596cc (158.4 C.I.)	1994-97	Straight sleeve, with ports cut in. Without compression relief notch.	3.543" 90mm	RS		LA-140-OB O.D. 3.787"	5.163"
200 H.P. V-6 (#6G5) 2596cc (158.4 C.I.)	1988-89	Straight sleeve, with ports cut in, no exhaust port compression relief notch.	3.543" 90mm	RS		LA-088-OB <sup>2</sup> O.D. 3.748"	5.163"

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron,  
CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
Metric conversion: 1mm = .03937"

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available

Model	Sleeve Description	Cylinder I.D.	★	SLEEVE PART No.			Sleeve Length
				1/16" Wall O.D.	3/32" Wall O.D.	1/8" Wall O.D.	
<b>YAMAHA</b> (continued)							
175 H.P. 90° V-6 (#6R3) 1990-00 200 H.P. 90° V-6 (#6R3) 1990-04 2596cc (158.4 C.I.)	Straight sleeve, with ports cut in, no exhaust port compression relief notch.	3.543" 90mm	RS		LA-089-OB <sup>2</sup> O.D. 3.787"		5.163"
PRO-V 200 V-6 1993-97 2596cc (158.4 C.I.)	Straight sleeve, with ports cut in.	3.543" 90mm	RS		LA-141-OB O.D. 3.787"		5.163"
V-Max 200 76° V-6 3.1L 1998-04 3130cc (191 C.I.)	Straight sleeve, with ports cut in.	3.543" 90mm	RS			L-159-OB <sup>2</sup> O.D. 3.900"	6.340"
225 H.P. V-6 (#6K7) 1989-97 2596cc (158.4 C.I.)	Straight sleeve, with ports cut in, no exhaust port compression relief notch.	3.543" 90mm	RS		LA-091-OB <sup>2</sup> O.D. 3.748"		5.163"
225 H.P. V76° V-6 1996	Straight sleeve, with ports cut in, compression relief notch at top of exhaust port. Port heights different than L-092-OB.	3.543" 90mm	RS			L-161-OB O.D. 3.900"	6.340"
225 H.P. V76X 1994-04 250 H.P. V76X 1994-04 3.1 Litre 76° V-6 3130cc	Straight sleeve, with ports cut in. Without compression relief notch.	3.543" 90mm	RS			L-092-OB <sup>2</sup> O.D. 3.900"	6.340"
250 H.P. V-6 1992	Straight sleeve, with ports cut in.	3.543" 90mm	RS			L-145-OB O.D. 3.900"	6.340"
250 H.P. V-6 1990-91, 1993	Straight sleeve, with ports cut in, oval exhaust port.	3.543" 90mm	RS			L-149-OB O.D. 3.900"	6.340"
225 H.P. V-Max HPDI 250 H.P. V-Max HPDI 300 H.P. V-Max HPDI 3.3 Litre 76° V6 3342cc	Straight sleeve, with ports cut in.		RS			L-192-OB <sup>2</sup>	

<sup>1</sup> O.D. Oversizes + .010, .020, .030, (.040) also available  
<sup>2</sup> O.D. Oversize + .020 also available

★ AC=Alloy-Chrome Cylinder Bore, CC=Original Barrel is Cast-Iron, CS=Cast-In Sleeve, CI=Cast-In Sleeve Liner, RS=Replacement Sleeve  
 Metric conversion: 1mm = .03937"



## Connecting Rod Kits

Our connecting rod kits are manufactured in Japan and are supplied complete with crank pin, crank pin bearing, thrust washers and top end bearing.

- PRO-X con-rod kits are designed to be an O.E.M. replacement.
- Design features improve total strength, added lubrication and bottom end bearing load.
- Con-rods are manufactured according to original specifications including material composition and size specs.
- Con-rods are manufactured to O.E.M. sizes maintaining exact tolerances to insure ease of installation and dependable long life service.

### YAMAHA Outboard

Model	Part No.
E25 H.P. Twin (6G0)	02528
E40 H.P. Twin (6F6, 6J4)	02529



# Inboard/Stern Drive Cylinder Sleeves

Engine Model and Description	Cylinder Bore	SLEEVE PART No.				Sleeve Length
		1/16" Wall O.D.	3/32" Wall O.D.			
<b>MERCURISER</b>						
3.0 Litre (181 C.I.) 4 In-Line	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
4.3 Litre (262 C.I.) V-6 4.3 LH, 4.3L EFI	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
5.0 Litre (305 C.I.) V-8 5.0 L EFI	3.736"	T-87	3-55/64"	LA-87	3-59/64"	6-7/16"
5.7 Litre (350 C.I.) V-8 5.7 L EFI, 350 MAG MPI	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
6.2 Litre (377 C.I.) V-8	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
7.4 Litre (454 C.I.) V-8 7.4 L MPI, 454 MAG MPI	4-1/4"	T-53A	4-3/8"	LA-53A	4-7/16"	6-1/4"
8.1 Litre (496 C.I.) V-8	4-1/4"	T-53A	4-3/8"	LA-53A	4-7/16"	6-1/4"
8.2 Litre (502 C.I.) V-8 502 MAG MPI	4.470"					
<b>O.M.C.</b>						
5.7 Litre (350 C.I.) V-8	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
7.4 Litre (454 C.I.) V-8	4-1/4"	T-53A	4-3/8"	LA-53A	4-7/16"	6-1/4"
7.5 Litre (460 C.I.) V-8	4.36"	T-73	4-31/64"	LA-73	4-35/64"	6-7/8"
<b>VOLVO - PENTA</b>						
VOLVO-PENTA Model 17-C 36 H.P. 2500 RPM	3.500"	Replacement Sleeve		FL-3139		
<b>YAMAHA</b>						
3.0 Litre (181 C.I.) 4 In-Line	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
4.3 Litre (262 C.I.) V-6	4"	T-40	4-1/8"	LA-40	4-3/16"	6"
5.0 Litre (305 C.I.) V-8	3.736"	T-87	3-55/64"	LA-87	3-59/64"	6-7/16"
5.7 Litre (350 C.I.) V-8	4"	T-40	4-1/8"	LA-40	4-3/16"	6"





**ALL PURPOSE SLEEVES – NO FLANGE**

Cylinder I.D. *	3/32" Wall		1/8" Wall		Overall Length	Cylinder I.D. *	3/32" Wall		1/8" Wall		Overall Length
	Part No.	O.D.	Part No.	O.D.			Part No.	O.D.	Part No.	O.D.	
1-3/8"	LA-106	1-9/16"	L-106	1-5/8"	4-1/2"	2-3/4"	LA-212	2-15/16"	L-212	3"	8-1/4"
1-7/16"	LA-107	1-5/8"	L-107	1-11/16"	4-1/2"	2-13/16"	LA-213	3"	L-213	3-1/16"	8-1/4"
1-1/2"	LA-108	1-11/16"	L-108	1-3/4"	4-1/2"	2-7/8"	LA-214	3-1/16"	L-214	3-1/8"	8-1/4"
1-9/16"	LA-109	1-3/4"	L-109	1-13/16"	4-1/2"	2-15/16"	LA-215	3-1/8"	L-215	3-3/16"	8-1/4"
1-5/8"	LA-110	1-13/16"	L-110	1-7/8"	6-1/2"	3"	LA-300	3-3/16"	L-300	3-1/4"	8-1/4"
1-11/16"	LA-111	1-7/8"	L-111	1-15/16"	6-1/2"	3-1/16"	LA-301	3-1/4"	L-301	3-5/16"	8-1/4"
1-3/4"	LA-112	1-15/16"	L-112	2"	6-1/2"	3-1/8"	LA-302	3-5/16"	L-302	3-3/8"	9-1/4"
1-13/16"	LA-113	2"	L-113	2-1/16"	6-1/2"	3-3/16"	LA-303	3-3/8"	L-303	3-7/16"	9-1/4"
1-7/8"	LA-114	2-1/16"	L-114	2-1/8"	6-1/2"	3-1/4"	LA-304	3-7/16"	L-304	3-1/2"	9-1/4"
1-15/16"	LA-115	2-1/8"	L-115	2-3/16"	6-1/2"	3-5/16"	LA-305	3-1/2"	L-305	3-9/16"	9-1/4"
2"	LA-200	2-3/16"	L-200	2-1/4"	6-1/4"	3-3/8"	LA-306	3-9/16"	L-306	3-5/8"	9-1/4"
2-1/16"	LA-201	2-1/4"	L-201	2-5/16"	6-1/4"	3-7/16"	LA-307	3-5/8"	L-307	3-11/16"	9-1/4"
2-1/8"	LA-202	2-5/16"	L-202	2-3/8"	6-1/4"	3-1/2"	LA-308	3-11/16"	L-308	3-3/4"	9-1/4"
2-3/16"	LA-203	2-3/8"	L-203	2-7/16"	6-1/4"	3-9/16"	LA-309	3-3/4"	L-309	3-13/16"	9-1/4"
2-1/4"	LA-204	2-7/16"	L-204	2-1/2"	6-1/4"	3-5/8"	LA-310	3-13/16"	L-310	3-7/8"	9-1/4"
2-5/16"	LA-205	2-1/2"	L-205	2-9/16"	6-1/4"	3-11/16"	LA-311	3-7/8"	L-311	3-15/16"	9-1/4"
2-3/8"	LA-206	2-9/16"	L-206	2-5/8"	6-1/4"	3-3/4"	LA-312	3-15/16"	L-312	4.00"	10-1/4"
2-7/16"	LA-207	2-5/8"	L-207	2-11/16"	6-1/4"	3-13/16"	LA-313	4.00"	L-313	4-1/16"	10-1/4"
2-1/2"	LA-208	2-11/16"	L-208	2-3/4"	6-1/4"	3-7/8"	LA-314	4-1/16"	L-314	4-1/8"	10-1/4"
2-9/16"	LA-209	2-3/4"	L-209	2-13/16"	6-1/4"	3-15/16"	LA-315	4-1/8"	L-315	4-3/16"	10-1/4"
2-5/8"	LA-210	2-13/16"	L-210	2-7/8"	6-1/4"	4.00"	LA-400	4-3/16"	L-400	4-1/4"	10-1/4"
2-11/16"	LA-211	2-7/8"	L-211	2-15/16"	8-1/4"	4-1/16"	LA-401	4-1/4"	L-401	4-5/16"	10-1/4"

\*Sleeve has bore stock to allow boring to cylinder I.D. listed

**ALL PURPOSE FLANGED SLEEVES**

Cylinder	I.D. *	O.D.	Flange O.D.	Flange Thickness	Overall Length	Part No.
47mm	1.850"	2.100"	2.225"	.200"	5.250"	FL-47
48mm	1.890"	2.140"	2.265"	.200"	5.250"	FL-48
49mm	1.930"	2.180"	2.305"	.200"	5.250"	FL-49
50mm	1.968"	2.220"	2.345"	.200"	5.250"	FL-50
52mm	2.047"	2.297"	2.422"	.200"	5.250"	FL-52
54mm	2.125"	2.375"	2.500"	.200"	5.250"	FL-54
56mm	2.205"	2.455"	2.580"	.200"	5.250"	FL-56
58mm	2.283"	2.530"	2.655"	.200"	6"	FL-58
60mm	2.362"	2.625"	2.750"	.200"	6"	FL-60
62mm	2.441"	2.690"	2.815"	.200"	6"	FL-62
64mm	2.520"	2.770"	2.895"	.200"	6"	FL-64
65mm	2.559"	2.810"	2.935"	.200"	6"	FL-65
66mm	2.598"	2.850"	2.975"	.200"	6"	FL-66
67mm	2.637"	2.890"	3.015"	.200"	6"	FL-67
68mm	2.677"	2.930"	3.055"	.200"	6"	FL-68
70mm	2.755"	3.005"	3.130"	.200"	6"	FL-70
72mm	2.835"	3.085"	3.210"	.200"	6"	FL-72
73mm	2.874"	3.125"	3.250"	.200"	6"	FL-73
74mm	2.913"	3.165"	3.290"	.200"	6"	FL-74
75mm	2.952"	3.200"	3.325"	.200"	6.500"	FL-75
76mm	2.992"	3.250"	3.375"	.200"	6.500"	FL-76
78mm	3.070"	3.320"	3.445"	.200"	6.500"	FL-78
80mm	3.150"	3.400"	3.525"	.200"	6.500"	FL-80
82mm	3.228"	3.480"	3.605"	.200"	6.500"	FL-82
83mm	3.267"	3.520"	3.645"	.200"	6.500"	FL-83
84mm	3.307"	3.560"	3.685"	.200"	6.500"	FL-84
86mm	3.386"	3.635"	3.760"	.200"	6.500"	FL-86
88mm	3.464"	3.715"	3.840"	.200"	6.500"	FL-88
89mm	3.503"	3.755"	3.880"	.200"	6.500"	FL-89

\*Sleeve has bore stock to allow boring to cylinder I.D. listed

Special flanged sleeves without ports and blank sleeves made to customer's specifications also available. Allow 6 weeks for delivery.

## L.A. SLEEVE Outboard Pistons



Los Angeles Sleeve Co. manufactures performance pistons for O.M.C. outboards that cover the V-4 and V-6, 3-1/2" bore cross-flow motors.

These come in standard, .020, .030 and .043 oversizes.

The PERMAMOLD\* cast, cam ground pistons use standard OEM rings. Each piston kit is packaged with rings, wrist pins and circlips in individual boxes. Rings, wrist pins, and circlips can be purchased separately.

<b>O.M.C. (JOHNSON-EVINRUDE)</b>							
Model	Displacement Cubic Inch	Bore	Size	Piston Kit Part No.	Ring Part No.	Wrist Pin Part No.	Circlips Part No.
<b>90 H.P. 1980-88 (V-4)</b>	100 C.I.	3.500	Std.	<b>710JS</b>	3500TK	P-710	CC-30
<b>115 H.P. 1977-84 (V-4)</b>			.020	<b>710J2</b>	3520TK		
<b>140 H.P. 1976-84 (V-4)</b>			.030	<b>710J3</b>	3530TK		
			.043	<b>710J4</b>	3540TK		
<b>150 H.P. 1978-87 (V-6)</b>	149 C.I.	3.500	Std.	<b>710JS</b>	3500TK	P-710	CC-30
<b>175 H.P. 1977-85 (V-6)</b>			.020	<b>710J2</b>	3520TK		
<b>200 H.P. 1976-84 (V-6)</b>			.030	<b>710J3</b>	3530TK		
<b>235 H.P. 1978-89 (V-6)</b>			.043	<b>710J4</b>	3540TK		

Los Angeles Sleeve Co. manufactures performance pistons for Mercury outboards that cover inline motors. These come in standard, .015, .030 and .040 oversizes. The PERMAMOLD\* cast, cam-ground pistons use standard O.E.M. rings. Each piston kit is packaged with rings, wrist pins and circlips in individual boxes.

<b>MERCURY</b>							
Model	Description	Bore	Size	Piston Kit Part No.	Ring Part No.	Wrist Pin Part No.	Circlips Part No.
<b>50 H.P. 3 Cylinder</b>	Low-compression Boost Port	2.875	Std.	<b>711JS</b>	2875TK	P-720	CC-30
<b>115 H.P. 6 Cylinder</b>			.015	<b>711J15</b>	2890TK		
<b>140 H.P. 6 Cylinder</b>			.030	<b>711J3</b>	2905TK		
<b>150 H.P. 6 Cylinder</b>			.040	<b>711J4</b>	2915TK		
<b>60 H.P. 3 Cylinder</b>	Hi-compression Boost Port	2.875	Std.	<b>712JS</b>	2875TK	P-720	CC-30
<b>65 H.P. 3 Cylinder</b>			.015	<b>712J15</b>	2890TK		
<b>70 H.P. 3 Cylinder</b>			.030	<b>712J3</b>	2905TK		
<b>80 H.P. 4 Cylinder</b>			.040	<b>712J4</b>	2915TK		
<b>85 H.P. 4 Cylinder</b>							
<b>35 H.P. 3 Cylinder</b>	Hi-compression No Boost Port	2.875	Std.	<b>713JS</b>	2875TK	P-720	CC-30
<b>40 H.P. 3 Cylinder</b>			.015	<b>713J15</b>	2890TK		
<b>90 H.P. 6 Cylinder</b>			.030	<b>713J3</b>	2905TK		
<b>115 H.P. 6 Cylinder</b>			.040	<b>713J4</b>	2915TK		
<b>125 H.P. 6 Cylinder</b>	Low-compression No Boost Port	2.875	Std.	<b>714JS</b>	2875TK	P-720	CC-30
<b>135 H.P. 6 Cylinder</b>			.015	<b>714J15</b>	2890TK		
<b>140 H.P. 6 Cylinder</b>			.030	<b>713J3</b>	2905TK		
			.040	<b>713J4</b>	2915TK		



# Outboard Cylinder Sleeves/Pistons

## APPLICATION CHART-PISTONS/SLEEVES

Sleeve Part No.	Make	Piston Part Numbers		Sleeve Part No.	Make	Piston Part Numbers	
		WISECO	LASCO			WISECO	LASCO
FL-01-OB	OMC	3125PS		LA-090-OB	Yamaha	3116PS/SS	
FL-02-OB	OMC	3115PS		LA-091-OB	Yamaha	3116PS/SS	
FL-04-OB	Mercury / Mariner	3108PS/SS		L-092-OB	Yamaha	3116PS/SS	
L-04-OB	Mercury / Mariner	3108PS/SS		FL-094-OB	Chrysler / Force	3151PS	
LA-04-OB	Mercury / Mariner	3108PS/SS		L-095-OB	Mercury / Mariner	3109PS	713JS
L-05-OB	Mercury / Mariner	3102PS/SS		T-095-OB	Mercury / Mariner	3109PS	713JS
LA-05-OB	Mercury / Mariner	3102PS/SS		L-096-OB	Mercury / Mariner	3124PS/SS	
FL-06-OB	Mercury / Mariner	3102PS/SS		L-098-OB	Mercury / Mariner	3108PS/SS**	
FL-09-OB	OMC	3126PS		FL-099-OB	Mercury / Mariner	3124PS/SS	
FL-010-OB	OMC	3126PS		LA-102-OB	Yamaha	3131PS	
L-012-OB	OMC	3111PS		LA-103-OB	Mercury / Mariner	3102PS/SS	
L-014-OB	Mercury / Mariner	3102PS/SS		FL-104-OB	Suzuki	3186PS/SS	
LA-014-OB	Mercury / Mariner	3102PS/SS		LA-116-OB	OMC	3133SS	
L-016-OB	Mercury / Mariner	3109PS	714JS	LA-117-OB	OMC	3133SS	
T-016-OB	Mercury / Mariner	3109PS	714JS	LA-118-OB	OMC	3133SS	
L-017-OB	Mercury / Mariner	3123PS	711JS	LA-119-OB	OMC	3143PS/SS	
T-017-OB	Mercury / Mariner	3123PS	711JS	FL-121-OB	Suzuki	3117PS/SS	
LA-018-OB	Mercury / Mariner	3183PS		L-122-OB	Tohatsu / Nissan	3153PS	
L-019-OB	Mercury / Mariner	3109PS	712JS	L-123-OB	Tohatsu / Nissan	3156PS	
T-019-OB	Mercury / Mariner	3109PS	712JS	L-124-OB	Tohatsu / Nissan	3154PS	
L-20-OB	OMC	3173PS*	710JS*	L-125-OB	OMC	3172PS	
LA-20-OB	OMC	3173PS*	710JS*	L-126-OB	Tohatsu / Nissan	3157PS	
T-20-OB	OMC	3173PS*	710JS*	LA-127-OB	Yamaha	3116PS/SS	
L-021-OB	Mercury / Mariner	3109PS		FL-128-OB	Suzuki	3187PS/SS	
T-021-OB	Mercury / Mariner	3109PS		L-129-OB	Mercury / Mariner	3179PS	
L-24-OB	OMC	3121PS		L-130-OB	Mercury / Mariner	3162PS	
LA-24-OB	OMC	3121PS		L-131-OB	Mercury / Mariner	3162PS	
T-24-OB	OMC	3121PS		L-132-OB	Mercury / Mariner	3170PS/SS	
FL-025-OB	OMC	3115PS		LA-133-OB	OMC	3133PS	
L-026-OB	OMC	3118PS/SS		LA-134-OB	OMC	3133SS	
L-027-OB	OMC	3118PS/SS		LA-135-OB	OMC	3119PS/SS	
L-029-OB	Suzuki	3185PS		L-138-OB	Tohatsu / Nissan	3152PS	
L-30-OB	OMC	3127PS		LA-140-OB	Yamaha	3146PS/SS	
LA-30-OB	OMC	3127PS/3128PS		LA-141-OB	Yamaha	3146PS/SS	
T-30-OB	OMC	3127PS/3128PS		L-145-OB	Yamaha	3169PS/SS	
LA-032-OB	Yamaha	3116PS/SS		LA-146-OB	Mercury / Mariner	3137PS/SS	
LA-033-OB	Yamaha	3116PS/SS		LA-147-OB	Yamaha	3146PS/SS	
FL-035-OB	OMC	3173PS		L-148-OB	Suzuki	3185PS	
FL-036-OB	OMC	3121PS		L-149-OB	Yamaha	3169PS/SS	
FL-039-OB	Chrysler / Force	3129PS		L-150-OB	Mercury / Mariner	3179PS	
FL-041-OB	OMC	3115PS		LA-151-OB	Mercury / Mariner	3137PS/SS	
FL-043-OB	Mercury / Mariner	3102PS/SS		L-153-OB	Mercury / Mariner	3137PS/SS	
L-045-OB	Mercury / Mariner	3109PS	713JS	L-154-OB	Mercury / Mariner	3191PS/SS	
T-045-OB	Mercury / Mariner	3109PS	713JS	LA-158-OB	Yamaha	3146PS/SS	
L-047-OB	Mercury / Mariner	3108PS/SS		L-160-OB	Mercury / Mariner	3179PS	
LA-047-OB	Mercury / Mariner	3108PS/SS		L-161-OB	Yamaha	3168PS/SS	
L-048-OB	Mercury / Mariner	3109PS	713JS	LA-165-OB	Mercury / Mariner	3170PS/SS	
T-048-OB	Mercury / Mariner	3109PS	713JS	L-167-OB	Mercury / Mariner	3162PS	
L-050-OB	Mercury / Mariner	3120PS		LA-168-OB	OMC	3143PS/SS	
LA-050-OB	Mercury / Mariner	3120PS		FL-169-OB	OMC	3178PS/SS	
L-051-OB	Yamaha	3132PS		LA-170-OB	OMC	3177PS/SS	
L-052-OB	Mercury / Mariner	3120PS		LA-171-OB	OMC	3177PS/SS	
LA-052-OB	Mercury / Mariner	3120PS		LA-172-OB	Mercury / Mariner	3192PS/SS	
L-053-OB	Mercury / Mariner	3120PS		LA-173-OB	OMC	3177PS/SS	
LA-053-OB	Mercury / Mariner	3120PS		LA-174-OB	OMC	3177PS/SS	
LA-055-OB	Mercury / Mariner	3102PS/SS		LA-179-OB	OMC	3177PS/SS	
FL-056-OB	Mercury / Mariner	3102PS/SS		LA-180-OB	OMC	3177PS/SS	
L-057-OB	OMC	3172PS		LA-181-OB	Mercury / Mariner	3137PS/SS	
L-058-OB	OMC	3119PS/SS		L-182-OB	Mercury / Mariner	3191PS/SS	
L-059-OB	OMC	3119PS/SS		L-183-OB	Mercury / Mariner	3191PS/SS	
FL-062-OB	Suzuki	3117PS/SS		L-184-OB	Mercury / Mariner	3170PS/SS	
L-064-OB	Tohatsu / Nissan	3155PS		FL-186-OB	Suzuki	3187PS/SS	
L-066-OB	Tohatsu / Nissan	3153PS		FL-187-OB	OMC	3180PS/SS	
LA-067-OB	Yamaha	3188PS		L-203-OB	OMC	3136PS	
LA-068-OB	Yamaha	3189PS		LA-203-OB	OMC	3136PS	
L-069-OB	Yamaha	3130PS		T-203-OB	OMC	3136PS	
LA-069-OB	Yamaha	3130PS		L-206-OB	OMC	3181PS	
L-70-OB	Chrysler / Force	3151PS		LA-206-OB	OMC	3181PS	
LA-70-OB	Chrysler / Force	3151PS		T-206-OB	OMC	3181PS	
T-70-OB	Chrysler / Force	3151PS		L-209-OB	Mercury / Mariner	3144PS	
LA-071-OB	Yamaha	3131PS		T-209-OB	Mercury / Mariner	3144PS	
L-072-OB	Mercury / Mariner	3102PS/SS		L-214-OB	Mercury / Mariner	3109PS	
LA-072-OB	Mercury / Mariner	3102PS/SS		LA-214-OB	Mercury / Mariner	3109PS	
L-073-OB	Mercury / Mariner	3102PS/SS		T-214-OB	Mercury / Mariner	3109PS	
LA-073-OB	Mercury / Mariner	3102PS/SS		L-216-OB	Mercury / Mariner	3109PS	
L-076-OB	Suzuki	3185PS		LA-216-OB	Mercury / Mariner	3109PS	
FL-077-OB	Mercury / Mariner	3102PS/SS		T-216-OB	Mercury / Mariner	3109PS	
LA-079-OB	Mercury / Mariner	3124PS/SS		L-603-OB	Chrysler / Force	3167PS	
L-080-OB	Mercury / Mariner	3108PS/SS**		LA-603-OB	Chrysler / Force	3167PS	
FL-081-OB	Mercury / Mariner	3124PS/SS		T-603-OB	Chrysler / Force	3167PS	
FL-082-OB	OMC	3119PS/SS		L-607OB	Chrysler / Force	3129PS	
FL-083-OB	OMC	3119PS/SS		LA-607-OB	Chrysler / Force	3129PS	
LA-084-OB	OMC	3133PS/SS		T-607-OB	Chrysler / Force	3129PS	
L-085-OB	Mercury / Mariner	3147PS					
LA-086-OB	Yamaha	3116PS/SS					
LA-087-OB	Yamaha	3116PS/SS					
LA-088-OB	Yamaha	3116PS/SS					
LA-089-OB	Yamaha	3116PS/SS					

\* Check year model  
 \*\* Not for 1992 models.  
 Severe engine damage may result if used in 1992 model.

# CHRYSLER - FORCE

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Chrysler 50HP</b> 1981-83 *Must use bearing kit part # W5216	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3167PS 3167P2 3167P3 3167P4	T-603-OB 1/16" LA-603-OB 3/32" L-603-OB 1/8"	\$75.95 (D7554)	3187KD 3207KD 3217KD 3227KD	S589	W5414	W5216 \$12.95 (D057)
<b>Chrysler 55HP</b> 1970-76 *Must use bearing kit part # W5216	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3167PS 3167P2 3167P3 3167P4	T-603-OB 1/16" LA-603-OB 3/32" L-603-OB 1/8"	\$75.95 (D7554)	3187KD 3207KD 3217KD 3227KD	S589	W5414	W5216 \$12.95 (D057)
<b>Chrysler 70HP</b> 1970-73 & 1979 *Must use bearing kit part # W5216	3	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 75HP</b> 1974-84 *Must use bearing kit part # W5216	3	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 85HP</b> 1970-73/1978-84 *Must use bearing kit part # W5216	3	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 90HP</b> 1974-77/1983-84 *Must use bearing kit part # W5216	3	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 100HP</b> 1979-81, 1983-84 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 105HP</b> 1977-78/1982-83 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 115HP</b> Crossflow 1978-80 *Must use bearing kit part # W5216	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3151PS 3151P1 3151P2 3151P3 3151P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 115HP</b> 1983-84 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 120HP</b> 1970-77 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 125HP</b> 1982 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 130HP</b> 1972-73 *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	3129PS 3129P2 3129P3 3129P4	T-607-OB 1/16" LA-607-OB 3/32" L-607-OB 1/8"	\$77.95 (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Chrysler 135HP</b> Crossflow 1974-77 *Must use bearing kit part # W5216	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3151PS 3151P1 3151P2 3151P3 3151P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)



# CHRYSLER - FORCE

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Chrysler 140HP</b> <b>Crossflow 1978-84</b> *Must use bearing kit part # W5216	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 40HP</b> <b>Crossflow 1992</b> *Must use bearing kit part # W5216	2	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 40HP</b> <b>1996-97</b>	2	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3164PS</b> <b>3164P1</b> <b>3164P2</b> <b>3164P3</b> <b>3164P4</b>		<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
<b>Force 50HP</b> <b>1996-98</b>	2	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3164PS</b> <b>3164P1</b> <b>3164P2</b> <b>3164P3</b> <b>3164P4</b>		<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
<b>Force 50HP</b> <b>1984-88</b> *Must use bearing kit part # W5216	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	<b>3167PS</b> <b>3167P2</b> <b>3167P3</b> <b>3167P4</b>	<b>T-603-OB 1/16"</b> <b>LA-603-OB 3/32"</b> <b>L-603-OB 1/8"</b>	<b>\$75.95</b> (D7554)	3187KD 3207KD 3217KD 3227KD	S589	W5414	W5216 \$12.95 (D057)
<b>Force 50HP</b> <b>Crossflow 1989-90</b> *Must use bearing kit part # W5216	2	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	<b>3129PS</b> <b>3129P2</b> <b>3129P3</b> <b>3129P4</b>	<b>T-607-OB 1/16"</b> <b>LA-607-OB 3/32"</b> <b>L-607-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 50HP</b> <b>Crossflow 1991-95</b> *Must use bearing kit part # W5216	2	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 70HP</b> <b>Crossflow 1991-95</b> *Must use bearing kit part # W5216	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 75HP</b> <b>1996-98</b>	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3164PS</b> <b>3164P1</b> <b>3164P2</b> <b>3164P3</b> <b>3164P4</b>		<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
<b>Force 85HP</b> <b>1984-89</b> *Must use bearing kit part #W5216	3	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	<b>3129PS</b> <b>3129P2</b> <b>3129P3</b> <b>3129P4</b>	<b>T-607-OB 1/16"</b> <b>LA-607-OB 3/32"</b> <b>L-607-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 90HP</b> <b>1990 Model</b> <b>Crossflow 1991-95</b> *Must use bearing kit part # W5216	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 90HP</b> <b>1996-98</b>	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3164PS</b> <b>3164P1</b> <b>3164P2</b> <b>3164P3</b> <b>3164P4</b>		<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
<b>Force 120HP</b> <b>1990</b> *Must use bearing kit part # W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	<b>3129PS</b> <b>3129P2</b> <b>3129P3</b> <b>3129P4</b>	<b>T-607-OB 1/16"</b> <b>LA-607-OB 3/32"</b> <b>L-607-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)

# CHRYSLER - FORCE

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Force 120HP</b> <b>Crossflow 1991-95</b> *Must use bearing kit part # W5216	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 120HP</b> <b>1996-98</b>	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3164PS</b> <b>3164P1</b> <b>3164P2</b> <b>3164P3</b> <b>3164P4</b>		<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
<b>Force 125HP</b> <b>1984-89</b> *Must use bearing kit part #W5216	4	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	<b>3129PS</b> <b>3129P2</b> <b>3129P3</b> <b>3129P4</b>	<b>T-607-OB 1/16"</b> <b>LA-607-OB 3/32"</b> <b>L-607-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 150HP</b> <b>1989-90</b> *Must use bearing kit part #W5216	5	3.312"/Std. 3.332"/.020 3.342"/.030 3.352"/.040	<b>3129PS</b> <b>3129P2</b> <b>3129P3</b> <b>3129P4</b>	<b>T-607-OB 1/16"</b> <b>LA-607-OB 3/32"</b> <b>L-607-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3312KD 3332KD 3342KD 3352KD	S509	W5414	W5216 \$12.95 (D057)
<b>Force 150HP</b> <b>Crossflow 1991-94</b> *Must use bearing kit part # W5216	5	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3151PS</b> <b>3151P1</b> <b>3151P2</b> <b>3151P3</b> <b>3151P4</b>	<b>T-70-OB 1/16"</b> <b>LA-70-OB 3/32"</b> <b>L-70-OB 1/8"</b>	<b>\$77.95</b> (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)



# EVINRUDE ■ JOHNSON

## (OMC / Bombardier)

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC 9.9HP Crossflow 1974-80 *Must use bearing kit part # W5215	2	2.188"/Std. 2.198"/.010 2.208"/.020 2.218"/.030 2.228"/.040	3136PS 3136P1 3136P2 3136P3 3136P4	T-203-OB 1/16" LA-203-OB 3/32" L-203-OB 1/8"	\$61.95 (D7173)	2188KD 2198KD 2208KD 2218KD 2228KD	S510	W5413	W5215 \$12.95 (D057)
OMC 9.9HP Crossflow 1981-92	2	2.188"/Std. 2.198"/.010 2.208"/.020 2.218"/.030 2.228"/.040	3136PS 3136P1 3136P2 3136P3 3136P4	T-203-OB 1/16" LA-203-OB 3/32" L-203-OB 1/8"	\$61.95 (D7173)	2188KD 2198KD 2208KD 2218KD 2228KD	S510	W5413	W5215 \$12.95 (D057)
OMC 9.9HP Crossflow 1993-04	2	2.375"/Std. 2.385"/.010 2.395"/.020	3181PS 3181P1 3181P2	T-206-OB 1/16" LA-206-OB 3/32" L-206-OB 1/8"	\$69.95 (D7914)	2374KD 2384KD 2395KD	S510	W5413	
OMC 15HP Crossflow 1974-80 *Must use bearing kit part #W5215	2	2.188"/Std. 2.198"/.010 2.208"/.020 2.218"/.030 2.228"/.040	3136PS 3136P1 3136P2 3136P3 3136P4	T-203-OB 1/16" LA-203-OB 3/32" L-203-OB 1/8"	\$61.95 (D7173)	2188KD 2198KD 2208KD 2218KD 2228KD	S510	W5413	W5215 \$12.95 (D057)
OMC 15HP Crossflow 1981-92	2	2.188"/Std. 2.198"/.010 2.208"/.020 2.218"/.030 2.228"/.040	3136PS 3136P1 3136P2 3136P3 3136P4	T-203-OB 1/16" LA-203-OB 3/32" L-203-OB 1/8"	\$61.95 (D7173)	2188KD 2198KD 2208KD 2218KD 2228KD	S510	W5413	W5215 \$12.95 (D057)
OMC 15HP Crossflow 1993-04	2	2.375"/Std. 2.385"/.010 2.395"/.020	3181PS 3181P1 3181P2	T-206-OB 1/16" LA-206-OB 3/32" L-206-OB 1/8"	\$69.95 (D7914)	2374KD 2384KD 2395KD	S510	W5413	
OMC 18, 20HP Jet Crossflow 1995-00	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 20HP Crossflow 1985-98	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 25HP Crossflow 1976-80	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3128PS 3128P2 3128P3 3128P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$79.95 (D7974)	3000KD 3020KD 3030KD 3040KD	S502	CW16	
OMC 25HP Crossflow 1981-04	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 18 25HP Crossflow 1986-96	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 28HP Jet Loop Charge 1996-97	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 30HP Crossflow 1984-04	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 35HP Crossflow 1976-80	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3128PS 3128P2 3128P3 3128P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$79.95 (D7974)	3000KD 3020KD 3030KD 3040KD	S502	CW16	



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(OMC / Bombardier)

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC 35HP Crossflow 1981-90	2	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3127PS 3127P2 3127P3 3127P4	T-30-OB 1/16" LA-30-OB 3/32" L-30-OB 1/8"	\$118.95 (D7317)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 35HP Loop Charge 1986-87	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 35HP Jet Pump 1990-00	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 40HP Loop Charge 1984-04	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 45HP Loop Charge 1986-97	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 48HP Loop Charge 1987-96	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 50HP Loop Charge 1979-80	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3126PS 3126P2 3126P3 3126P4	FL-09-OB	\$119.95 (D7917)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 50HP Loop Charge 1981-04	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 50HP Loop Charge 1995-98	3	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3172PS 3172P2 3172P3 3172P4	L-125-OB	\$103.43 (D6026)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 55HP Loop Charge 1976-78	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3125PS 3125P2 3125P3 3125P4	FL-01-OB	\$119.95 (D7917)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 55HP Loop Charge 1979	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3126PS 3126P2 3126P3 3126P4	FL-010-OB	\$119.95 (D7917)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 55HP Commercial Loop Charge 1980-00	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 60HP Loop Charge 1980-85	2	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3111PS 3111P2 3111P3 3111P4	L-012-OB	\$88.14 (D8825)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 60HP Loop Charge 1986-88	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-025-OB	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 60HP Loop Charge 1989-01	3	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3172PS 3172P2 3172P3 3172P4	L-057-OB (Bridged) L-125-OB (Non-Bridged)	\$103.43 (D6026)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)



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## (OMC / Bombardier)

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC 65HP Loop Charge 1972-73 *Must use bearing kit part #B1029	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 65HP Commercial Loop Charge 1984-86	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 65HP Loop Charge 1986-93	3	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3172PS 3172P2 3172P3 3172P4	L-125-OB	\$103.43 (D6026)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC V4 65HP Jet Crossflow 1992-97	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC 70HP Loop Charge 1974-75 *Must use bearing kit part #B1029	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	B1029 \$25.95 (D7551)
OMC 70HP Loop Charge 1976-85	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB (76-79) FL-025-OB (80-85)	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
OMC 70HP Loop Charge 1986-01	3	3.187"/Std. 3.207"/.020 3.217"/.030 3.227"/.040	3172PS 3172P2 3172P3 3172P4	L-057-OB (Bridged) L-125-OB (Non-Bridged)	\$103.43 (D6026)	3187KD 3207KD 3217KD 3227KD	S474	W5263	W5217 \$13.95 (D738)
OMC 75HP Loop Charge 1975 *Must use bearing kit part #B1029	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	B1029 \$25.95 (D7551)
OMC 75HP Loop Charge 1976-88	3	3.000"/Std. 3.020"/.020 3.030"/.030 3.040"/.040	3115PS 3115P2 3115P3 3115P4	FL-02-OB (76-79) FL-025-OB (80-88)	\$83.95 (D7305)	3000KD 3020KD 3030KD 3040KD	S479	W5263	W5217 \$13.95 (D738)
Evinrude/Johnson 75HP Ficht V4 2000-04	4	3.600"/Std. 3.620"/.020 3.630"/.030 3.640"/.040	3177PS (Port) 3177SS (Strbrd) 3177P2 (Port) 3177S2 (Strbrd) 3177P3 (Port) 3177S3 (Strbrd) 3177P4 (Port) 3177S4 (Strbrd)	LA-179-OB (Port) LA-180-OB (Starboard)	\$124.92 (D5947)	3600KD 3620KD 3630KD 3640KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 80HP Jet Crossflow 1991-97	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 85HP Crossflow 1973	4	3.375"/Std. 3.395"/.020 3.405"/.030 3.415"/.040	3175PS 3175P2 3175P3 3175P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$98.50 (D0095)	3375KD 3395KD 3405KD 3415KD	S474	W5263	W5217 \$13.95 (D738)
OMC V4 85HP Crossflow 1974-78	4	3.375"/Std. 3.395"/.020 3.405"/.030 3.415"/.040	3176PS 3176P2 3176P3 3176P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$94.75 (D5865)	3375KD 3395KD 3405KD 3415KD	S474	W5263	W5217 \$13.95 (D738)

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V4 85HP Crossflow 1979-80, 1991-95	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 88HP Crossflow 1988-96	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 90HP Crossflow 1981-98	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 60° 90HP Eagle Series 1995-04	4	3.600"/Std. 3.620"/.020 3.630"/.030 3.640"/.040	3133PS (Port) 3133SS (Strbrd) 3133P2 (Port) 3133S2 (Strbrd) 3133P3 (Port) 3133S3 (Strbrd) 3133P4 (Port) 3133S4 (Strbrd)	LA-133-OB (Port) LA-134-OB (Starboard)	\$120.60 (D6327)	3600KD 3620KD 3630KD 3640KD	S473	W5263	W5217 \$13.95 (D738)
Evinrude/Johnson 90HP Ficht V4 2000-04	4	3.600"/Std. 3.620"/.020 3.630"/.030 3.640"/.040	3177PS (Port) 3177SS (Strbrd) 3177P2 (Port) 3177S2 (Strbrd) 3177P3 (Port) 3177S3 (Strbrd) 3177P4 (Port) 3177S4 (Strbrd)	LA-179-OB (Port) LA-180-OB (Starboard)	\$124.92 (D5947)	3600KD 3620KD 3630KD 3640KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 100HP Crossflow 1979-80, 1992-97	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 100HP Commercial Crossflow 1979-80, 1984-97	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 100HP Crossflow 1986-89	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 60° 105HP Jet Eagle Series 1995-00	4	3.600"/Std. 3.620"/.020 3.630"/.030 3.640"/.040	3133PS (Port) 3133SS (Strbrd) 3133P2 (Port) 3133S2 (Strbrd) 3133P3 (Port) 3133S3 (Strbrd) 3133P4 (Port) 3133S4 (Strbrd)		\$120.60 (D6327)	3600KD 3620KD 3630KD 3640KD	S473	W5263	W5217 \$13.95 (D738)
OMC V4 110HP Crossflow 1986-89	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044 3.564"/.064	3173PS 3173P2 3173P3 3173P4 3173P6	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD 3520KD 3530KD 3544KD 3564KD	S473	W5263	W5217 \$13.95 (D738)

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.	
OMC V4 112HP Crossflow 1994-96	4	3.500"/Std.	3173PS	T-20-OB 1/16"	\$89.15 (D9435)	3500KD	S473	W5263	W5217	
		3.520"/.020	3173P2	LA-20-OB 3/32"		3520KD				\$13.95
		3.530"/.030	3173P3	L-20-OB 1/8"		3530KD				(D738)
		3.544"/.044	3173P4			3544KD				
		3.564"/.064	3173P6			3564KD				
OMC V4 115HP Crossflow 1973	4	3.500"/Std.	3174PS	T-20-OB 1/16"	\$93.95 (D7365)	3500KD	S473	W5263	W5217	
		3.520"/.020	3174P2	LA-20-OB 3/32"		3520KD				\$13.95
		3.530"/.030	3174P3	L-20-OB 1/8"		3530KD				(D738)
		3.544"/.044	3174P4			3544KD				
		3.564"/.064	3174P6			3564KD				
OMC V4 115HP Crossflow 1974-85, 1990-98	4	3.500"/Std.	3173PS	T-20-OB 1/16"	\$89.15 (D9435)	3500KD	S473	W5263	W5217	
		3.520"/.020	3173P2	LA-20-OB 3/32"		3520KD				\$13.95
		3.530"/.030	3173P3	L-20-OB 1/8"		3530KD				(D738)
		3.544"/.044	3173P4			3544KD				
		3.564"/.064	3173P6			3564KD				
OMC V4 60° 115HP Eagle Series 1995-04	4	3.600"/Std.	3133PS (Port)	LA-133-OB (Port)	\$120.60 (D6327)	3600KD	S473	W5263	W5217	
		3.620"/.020	3133SS (Strbrd)	LA-134-OB (Starboard)		3620KD				\$13.95
		3.630"/.030	3133P2 (Port)			3630KD				(D738)
		3.640"/.040	3133P3 (Port)			3640KD				
			3133S2 (Strbrd)							
Evinrude/Johnson 115HP Ficht V4 2000-04	4	3.600"/Std.	3177PS (Port)	LA-179-OB (Port)	\$124.92 (D5947)	3600KD	S473	W5263	W5217	
		3.620"/.020	3177SS (Strbrd)	LA-180-OB (Starboard)		3620KD				\$13.95
		3.630"/.030	3177P2 (Port)			3630KD				(D738)
		3.640"/.040	3177S2 (Strbrd)			3640KD				
			3177P3 (Port)							
OMC V4 120HP Loop Charge 1985-87	4	3.500"/Std.	3118PS (Port)	L-026-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218	
		3.520"/.020	3118SS (Strbrd)			3520KD				\$13.95
		3.530"/.030	3118P2 (Port)			3530KD				(D738)
		3.544"/.044	3118S2 (Strbrd)			3544KD				
		3.564"/.064	3118P3 (Port)			3564KD				
OMC V4 120HP Loop Charge 1988-94	4	3.685"/Std.	3119PS (Port)	L-058-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218	
		3.705"/.020	3119SS (Strbrd)			3705KD				\$13.95
		3.715"/.030	3119P2 (Port)			3715KD				(D738)
		3.725"/.040	3119S2 (Strbrd)			3725KD				
			3119P3 (Port)							
OMC V4 90° 125HP Loop Charge 1988-93	4	3.685"/Std.	3119PS (Port)	L-058-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218	
		3.705"/.020	3119SS (Strbrd)			3705KD				\$13.95
		3.715"/.030	3119P2 (Port)			3715KD				(D738)
		3.725"/.040	3119S2 (Strbrd)			3725KD				
			3119P3 (Port)							
	3119S3 (Strbrd)									
	3119P4 (Port)									
	3119S4 (Strbrd)									

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V4 90° 125HP Commercial Loop Charge 1989-93	4	3.685"/Std.	3119PS (Port)	L-058-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
OMC V4 130HP Loop Charge 1995-04	4	3.685"/Std.	3119PS (Port)	LA-135-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
OMC V4 135HP Crossflow 1974-76	4	3.500"/Std.	3173PS	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD	S473	W5217	W5217 \$13.95 (D738)
		3.520"/.020	3173P2						
		3.530"/.030	3173P3						
		3.544"/.044	3173P4						
OMC 135HP Crossflow V4 1973	4	3.500"/Std.	3174PS	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$93.95 (D7365)	3500KD	S473	W5263	W5217 \$13.95 (D738)
		3.520"/.020	3174P2						
		3.530"/.030	3174P3						
		3.544"/.044	3174P4						
Evinrude/Johnson 135HP Ficht V6 1999 "O" Suffix and all 2000-04	6	3.600"/Std.	3177PS (Port)	LA-173-OB (Port) LA-174-OB (Starboard)	\$124.92 (D5947)	3600KD	S473	W5263	W5217 \$13.95 (D738)
		3.620"/.020	3177SS (Strbrd)						
		3.630"/.030	3177P2 (Port)						
		3.640"/.040	3177S2 (Strbrd)						
OMC V4 140HP Crossflow 1977-84	4	3.500"/Std.	3173PS	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD	S473	W5217	W5217 \$13.95 (D738)
		3.520"/.020	3173P2						
		3.530"/.030	3173P3						
		3.544"/.044	3173P4						
OMC V4 140HP Loop Charge 1985-87	4	3.500"/Std.	3118PS (Port)	L-026-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218 \$13.95 (D738)
		3.520"/.020	3118SS (Strbrd)						
		3.530"/.030	3118P2 (Port)						
		3.544"/.044	3118S2 (Strbrd)						
OMC V4 140HP Loop Charge 1988-94	4	3.685"/Std.	3119PS (Port)	L-058-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
OMC V6 150HP Crossflow 1978-91	6	3.500"/Std.	3173PS	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD	S473	W5217	W5217 \$13.95 (D738)
		3.520"/.020	3173P2						
		3.530"/.030	3173P3						
		3.544"/.044	3173P4						
		3.564"/.064	3173P6			3564KD			



# EVINRUDE ■ JOHNSON

## (OMC / Bombardier)

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V6 60° 150HP Eagle Series 1991-04	6	3.600"/Std.	3133PS (Port)	LA-084-OB (Port)	\$120.60 (D6327)	3600KD	S473	W5263	W5217
		3.620"/.020	3133SS (Strbrd)	LA-116-OB (Starboard)		3620KD			\$13.95 (D738)
		3.630"/.030	3133P2 (Port)			3630KD			
		3.640"/.040	3133S2 (Strbrd)			3640KD			
Evinrude/Johnson 150HP Ficht V6 1999 "O" Suffix and all 2000-04	6	3.600"/Std.	3177PS (Port)	LA-173-OB (Port)	\$124.92 (D5947)	3600KD	S473	W5263	W5217
		3.620"/.020	3177SS (Strbrd)	LA-174-OB (Starboard)		3620KD			\$13.95 (D738)
		3.630"/.030	3177P2 (Port)			3630KD			
		3.640"/.040	3177S2 (Strbrd)			3640KD			
OMC V6 175HP Crossflow 1977-85	6	3.500"/Std.	3173PS	T-20-OB 1/16"	\$89.15 (D9435)	3500KD	S473	W5217	W5217
		3.520"/.020	3173P2	LA-20-OB 3/32"		3520KD			\$13.95 (D738)
		3.530"/.030	3173P3	L-20-OB 1/8"		3530KD			
		3.544"/.044	3173P4			3544KD			
OMC V6 175HP Crossflow 1986-91	6	3.625"/Std.	3121PS	T-24-OB 1/16"	\$117.95 (D7707)	3625KD	S473	W5263	W5217
		3.645"/.020	3121P2	LA-24-OB 3/32"		3645KD			\$13.95 (D738)
		3.655"/.030	3121P3	L-24-OB 1/8"		3655KD			
		3.665"/.040	3121P4			3665KD			
OMC V6 60° 175HP Eagle Series 1991-04	6	3.600"/Std.	3133PS (Port)	LA-084-OB (Port)	\$120.60 (D6327)	3600KD	S473	W5263	W5217
		3.620"/.020	3133SS (Strbrd)	LA-116-OB (Starboard)		3620KD			\$13.95 (D738)
		3.630"/.030	3133P2 (Port)			3630KD			
		3.640"/.040	3133S2 (Strbrd)			3640KD			
Evinrude/Johnson 175HP Ficht V6 1999 "O" Suffix and all 2000-04	6	3.600"/Std.	3177PS (Port)	LA-170-OB (Port)	\$124.92 (D5947)	3600KD	S473	W5263	W5217
		3.620"/.020	3177SS (Strbrd)	LA-171-OB (Starboard)		3620KD			\$13.95 (D738)
		3.630"/.030	3177P2 (Port)			3630KD			
		3.640"/.040	3177S2 (Strbrd)			3640KD			
OMC V6 185HP Crossflow 1985	6	3.500"/Std.	3173PS	T-20-OB 1/16"	\$89.15 (D9435)	3500KD	S473	W5263	W5217
		3.520"/.020	3173P2	LA-20-OB 3/32"		3520KD			\$13.95 (D738)
		3.530"/.030	3173P3	L-20-OB 1/8"		3530KD			
		3.544"/.044	3173P4			3544KD			
OMC V6 200HP Crossflow 1976-83	6	3.500"/Std.	3173PS	T-20-OB 1/16"	\$89.15 (D9435)	3500KD	S473	W5263	W5217
		3.520"/.020	3173P2	LA-20-OB 3/32"		3520KD			\$13.95 (D738)
		3.530"/.030	3173P3	L-20-OB 1/8"		3530KD			
		3.544"/.044	3173P4			3544KD			
OMC V6 200HP Loop Charge 1986-87	6	3.500"/Std.	3118PS (Port)	L-026-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218
		3.520"/.020	3118SS (Strbrd)			3520KD			\$13.95 (D738)
		3.530"/.030	3118P2 (Port)			3530KD			
		3.544"/.044	3118S2 (Strbrd)			3544KD			
		3.564"/.064	3118P3 (Port)			3564KD			
			3118S3 (Strbrd)						
			3118P4 (Port)						
			3118S4 (Strbrd)						
		3118P6 (Port)							
		3118S6 (Strbrd)							

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V6 90° 200HP Loop Charge 1988-92	6	3.685"/Std.	3119PS (Port)	L-059-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
OMC V6 200HP Commercial Loop Charge 1990	6	3.685"/Std.	3119PS (Port)	L-059-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
OMC V6 90° 200HP Loop Charge 1993-00 Finger Ported	6	3.685"/Std.	3143PS (Port)	LA-119-OB 3/32" L-119-OB 1/8"	\$106.45 (D7836)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3143SS (Strbrd)						
		3.715"/.030	3143P2 (Port)						
		3.725"/.040	3143S2 (Strbrd)						
Evinrude/Johnson 200HP Ficht 1999-01	6	3.685"/Std.	3178PS (Port)	FL-169-OB	\$124.92 (D5947)	3685KD	S493	CW24	TBA
		3.705"/.020	3178SS (Strbrd)						
		3.715"/.030	3178P2 (Port)						
		3.725"/.040	3178S2 (Strbrd)						
Evinrude/Johnson 200HP 3.3 Liter Ficht Loop Charged 2000-04	6	3.854"/Std.	3180PS (Port)	FL-187-OB	\$95.95 (D7575)	3854KD	S493	W6045	
		3.874"/.020	3180SS (Strbrd)						
		3.884"/.030	3180P2 (Port)						
		3.894"/.040	3180S2 (Strbrd)						
OMC V6 225HP Loop Charge 1986-87	6	3.500"/Std.	3118PS (Port)	L-026-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218 \$13.95 (D738)
		3.520"/.020	3118SS (Strbrd)						
		3.530"/.030	3118P2 (Port)						
		3.544"/.044	3118S2 (Strbrd)						
OMC V6 90° 225HP Loop Charge 1988-92	6	3.685"/Std.	3119PS (Port)	L-059-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						

# EVINRUDE ■ JOHNSON

## (OMC / Bombardier)

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V6 90° 225HP Loop Charge 1993-00 Finger Ported	6	3.685"/Std.	3143PS (Port)	LA-119-OB 3/32" L-119-OB 1/8"	\$106.45 (D7836)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3143SS (Strbrd)						
		3.715"/.030	3143P2 (Port)						
		3.725"/.040	3143S2 (Strbrd)						
			3143P3 (Port)						
	3143S3 (Strbrd)								
		3143P4 (Port)							
		3143S4 (Strbrd)							
Evinrude/Johnson 225HP Ficht 1999-01	6	3.685"/Std.	3178PS (Port)	FL-169-OB	\$124.92 (D5947)	3685KD	S493	CW24	TBA
		3.705"/.020	3178SS (Strbrd)						
		3.715"/.030	3178P2 (Port)						
		3.725"/.040	3178S2 (Strbrd)						
			3178P3 (Port)						
	3178S3 (Strbrd)								
		3178P4 (Port)							
		3178S4 (Strbrd)							
Evinrude/Johnson 225HP Ficht 3.3 Liter Loop Charged 2000-04	6	3.854"/Std.	3180PS (Port)	FL-187-OB	\$95.95 (D7575)	3854KD	S493	W6045	
		3.874"/.020	3180SS (Strbrd)						
		3.884"/.030	3180P2 (Port)						
		3.894"/.040	3180S2 (Strbrd)						
			3180P3 (Port)						
	3180S3 (Strbrd)								
		3180P4 (Port)							
		3180S4 (Strbrd)							
OMC V6 235HP Crossflow 1978-79	6	3.500"/Std.	3173PS	T-20-OB 1/16" LA-20-OB 3/32" L-20-OB 1/8"	\$89.15 (D9435)	3500KD	S473	W5217	W5217 \$13.95 (D738)
		3.520"/.020	3173P2						
		3.530"/.030	3173P3						
		3.544"/.044	3173P4						
		3.564"/.064	3173P6						
OMC V6 235HP Crossflow 1980-85	6	3.625"/Std.	3121PS	T-24-OB 1/16" LA-24-OB 3/32" L-24-OB 1/8"	\$117.95 (D7707)	3625KD	S473	W5263	W5217 \$13.95 (D738)
		3.645"/.020	3121P2						
		3.655"/.030	3121P3						
		3.665"/.040	3121P4						
OMC V6 90° 250HP Loop Charge 1999-01	6	3.685"/Std.	3143PS (Port)	LA-168-OB	\$106.45 (D7836)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3143SS (Strbrd)						
		3.715"/.030	3143P2 (Port)						
		3.725"/.040	3143S2 (Strbrd)						
			3143P3 (Port)						
	3143S3 (Strbrd)								
		3143P4 (Port)							
		3143S4 (Strbrd)							
Evinrude/Johnson 250HP Ficht 3.3 Liter Loop Charged 2000-04	6	3.854"/Std.	3180PS (Port)	FL-187-OB	\$95.95 (D7575)	3854KD	S493	W6045	
		3.874"/.020	3180SS (Strbrd)						
		3.884"/.030	3180P2 (Port)						
		3.894"/.040	3180S2 (Strbrd)						
			3180P3 (Port)						
	3180S3 (Strbrd)								
		3180P4 (Port)							
		3180S4 (Strbrd)							
OMC V8 90° 250HP Loop Charge 1991-98	8	3.685"/Std.	3119PS (Port)	L-058-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)						
		3.715"/.030	3119P2 (Port)						
		3.725"/.040	3119S2 (Strbrd)						
			3119P3 (Port)						
	3119S3 (Strbrd)								
		3119P4 (Port)							
		3119S4 (Strbrd)							

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
OMC V8 275HP Loop Charge 1985-87	8	3.500"/Std.	3118PS (Port)	L-027-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218 \$13.95 (D738)
		3.520"/.020	3118SS (Strbrd)			3520KD			
		3.530"/.030	3118P2 (Port)			3530KD			
		3.544"/.044	3118S2 (Strbrd)			3544KD			
		3.564"/.064	3118P3 (Port)			3564KD			
OMC V8 275HP Loop Charge 1988	8	3.685"/Std.	3119PS (Port)	L-059-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)			3705KD			
		3.715"/.030	3119P2 (Port)			3715KD			
		3.725"/.040	3119S2 (Strbrd)			3725KD			
			3119P3 (Port)						
OMC V8 300HP Loop Charge 1985-87	8	3.500"/Std.	3118PS (Port)	L-027-OB	\$97.59 (D5585)	3500KD	S493	CW24	W5218 \$13.95 (D738)
		3.520"/.020	3118SS (Strbrd)			3520KD			
		3.530"/.030	3118P2 (Port)			3530KD			
		3.544"/.044	3118S2 (Strbrd)			3544KD			
		3.564"/.064	3118P3 (Port)			3564KD			
OMC V8 90° 300HP Loop Charge 1988-95	8	3.685"/Std.	3119PS (Port)	L-059-OB	\$104.46 (D8626)	3685KD	S493	CW24	W5218 \$13.95 (D738)
		3.705"/.020	3119SS (Strbrd)			3705KD			
		3.715"/.030	3119P2 (Port)			3715KD			
		3.725"/.040	3119S2 (Strbrd)			3725KD			
			3119P3 (Port)						



# MERCURY



MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Mercury 15HP 1988-94 B238464 to G202749 *Requires resleeving	2	2.562"/Std. 2.582"/.020 2.602"/.040	3182PS 3182P2 3182P4	LA-018-OB	\$98.95 (D7395)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 15HP Sea Pro/Marathon 1988-94 G044365 to G202749 *Requires resleeving	2	2.562"/Std. 2.582"/.020 2.602"/.040	3182PS 3182P2 3182P4	LA-018-OB	\$98.95 (D7395)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 15HP 15 Sea Pro, 15 Marathon 1994-00 Mercosil Block G202750 to G437999	2	2.562"/Std. 2.582"/.020 2.602"/.040	3183PS 3183P2 3183P4	LA-018-OB	\$125.50 (D0357)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 20HP Jet 1988-94 G044027 to G202749 *Requires resleeving	2	2.562"/Std. 2.582"/.020 2.602"/.040	3182PS 3182P2 3182P4	LA-018-OB	\$98.95 (D7395)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 20HP 1988-94 B238464 to G202749 *Requires resleeving	2	2.562"/Std. 2.582"/.020 2.602"/.040	3182PS 3182P2 3182P4	LA-018-OB	\$98.95 (D7395)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 20HP Jet 1994-00 Mercosil Block G202750 and up	2	2.562"/Std. 2.582"/.020 2.602"/.040	3183PS 3183P2 3183P4	LA-018-OB	\$125.50 (D0357)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 20HP 1994-00 Mercosil Block G202750 and up	2	2.562"/Std. 2.582"/.020 2.602"/.040	3183PS 3183P2 3183P4	LA-018-OB	\$125.50 (D0357)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 25HP 1988-94 B238464 to G202749 *Requires resleeving	2	2.562"/Std. 2.582"/.020 2.602"/.040	3182PS 3182P2 3182P4	LA-018-OB	\$98.95 (D7395)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 25HP 1994-00 Mercosil Block G202750 and up	2	2.562"/Std. 2.582"/.020 2.602"/.040	3183PS 3183P2 3183P4	LA-018-OB	\$125.50 (D0357)	2559CD 2579CD 2598CD	S679	CW18	
Mercury 30HP Jet 1998-03	2	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	3179PS 3179P2 3179P3 3179P4	-	\$143.05 (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	
Mercury 30HP 1994-03	2	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	3179PS 3179P2 3179P3 3179P4	L-129-OB	\$143.05 (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	

# MERCURY

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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Mercury 35HP Crossflow 1984-89</b> With boost port high dome	2	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 40HP 1994-04</b>	2	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	<b>3179PS</b> <b>3179P2</b> <b>3179P3</b> <b>3179P4</b>	<b>L-160-OB</b>	<b>\$143.05</b> (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	
<b>Mercury 40HP Crossflow 1972-83</b> With boost port high dome	2	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury Inline 40HP Crossflow 1990-97</b> Classic	4	2.565"/Std. 2.585"/.020 2.595"/.030 2.605"/.040	<b>3144PS</b> <b>3144P2</b> <b>3144P3</b> <b>3144P4</b>	<b>T-209-OB 1/16"</b> <b>L-209-OB 1/8"</b>	<b>\$102.95</b> (D7716)	2565KD 2585KD 2595KD 2605KD	S518	CW18	
<b>Mercury Inline 45HP Crossflow 1986-89</b> Classic	4	2.565"/Std. 2.585"/.020 2.595"/.030 2.605"/.040	<b>3144PS</b> <b>3144P2</b> <b>3144P3</b> <b>3144P4</b>	<b>T-209-OB 1/16"</b> <b>L-209-OB 1/8"</b>	<b>\$102.95</b> (D7716)	2565KD 2585KD 2595KD 2605KD	S518	CW18	
<b>Mercury Inline 50HP Crossflow 1970-85</b> Classic	4	2.565"/Std. 2.585"/.020 2.595"/.030 2.605"/.040	<b>3144PS</b> <b>3144P2</b> <b>3144P3</b> <b>3144P4</b>	<b>T-209-OB 1/16"</b> <b>L-209-OB 1/8"</b>	<b>\$102.95</b> (D7716)	2565KD 2585KD 2595KD 2605KD	S518	CW18	
<b>Mercury 50HP Crossflow 1984-90</b> With boost port low dome	3	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3123PS</b> <b>3123P2</b> <b>3123P3</b> <b>3123P4</b>	<b>T-017-OB 1/16"</b> <b>L-017-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2095KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 50HP Loop Charged 1991-97</b>	3	2.955"/Std. 2.975"/.020 2.985"/.030 2.995"/.040	<b>3147PS</b> <b>3147P2</b> <b>3147P3</b> <b>3147P4</b>	<b>L-085-OB</b>	<b>\$116.95</b> (D7107)	2955KD 2975KD 2985KD 2995KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 50HP 1998-04</b>	3	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	<b>3179PS</b> <b>3179P2</b> <b>3179P3</b> <b>3179P4</b>	<b>L-150-OB</b>	<b>\$143.05</b> (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	
<b>Mercury 55HP 1998-03</b>	3	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	<b>3179PS</b> <b>3179P2</b> <b>3179P3</b> <b>3179P4</b>	<b>L-150-OB</b>	<b>\$143.05</b> (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	
<b>Mercury 60HP Crossflow 1984-90</b> With boost port high dome	3	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 60HP Loop Charged 1991-97</b>	3	2.955"/Std. 2.975"/.020 2.985"/.030 2.995"/.040	<b>3147PS</b> <b>3147P2</b> <b>3147P3</b> <b>3147P4</b>	<b>L-085-OB</b>	<b>\$116.95</b> (D7107)	2955KD 2975KD 2985KD 2995KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 60HP 1998-04</b>	3	2.993"/Std. 3.013"/.020 3.023"/.030 3.033"/.040	<b>3179PS</b> <b>3179P2</b> <b>3179P3</b> <b>3179P4</b>	<b>L-150-OB</b>	<b>\$143.05</b> (D4858)	2992KD 3012KD 3020KD 3032KD	S476	W4958	
<b>Mercury 65HP Crossflow 1973-76</b> With boost port high dome	3	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 70HP Crossflow 1977-83</b> With boost port high dome	3	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)

# MERCURY

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Mercury 70HP</b> Loop Charged 1987-89 With boost port	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3120PS 3120P1 3120P2 3120P3 3120P4	LA-050-OB 3/32" L-050-OB 1/8"	\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury 75HP</b> Crossflow 1984-86 With boost port high dome	4	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	3109PS 3109P2 3109P3 3109P4	T-019-OB 1/16" L-019-OB 1/8"	\$99.49 (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 75HP</b> Loop Charged 1990-91 With boost port	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3120PS 3120P1 3120P2 3120P3 3120P4	LA-050-OB 3/32" L-050-OB 1/8"	\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury 75HP</b> Loop Charged 1992-93 Top guided rod	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030	3142PS 3142P1 3142P2 3142P3		\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD	S437	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-3 75HP</b> Loop Charged 1994-04	3	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044	3162PS 3162P2 3162P3 3162P4	L-130-OB (Short Notch) L-167-OB (Long Notch)	\$131.15 (D9687)	3500KD 3520KD 3530KD 3544KD	S476	W4958	B1033 \$12.95 (D057)
<b>Mercury 80HP</b> Crossflow 1978-83 With boost port high dome	4	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	3109PS 3109P2 3109P3 3109P4	T-019-OB 1/16" L-019-OB 1/8"	\$99.49 (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 80HP</b> Loop Charged 1987-89 With boost port	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3120PS 3120P1 3120P2 3120P3 3120P4	LA-052-OB 3/32" L-052-OB 1/8"	\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury Inline 85HP</b> Crossflow 1973-77 With boost port high dome	4	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	3109PS 3109P2 3109P3 3109P4	T-019-OB 1/16" L-019-OB 1/8"	\$99.49 (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury Inline 90HP</b> Crossflow 1978-80, 1982-86 High dome	6	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	3109PS 3109P2 3109P3 3109P4	T-045-OB 1/16" (78-80) L-045-OB 1/8" (78-80) T-095-OB 1/16" (82-86) L-095-OB 1/8" (82-86)	\$99.49 (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury 90HP</b> Loop Charged 1987-91 With boost port	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3120PS 3120P1 3120P2 3120P3 3120P4	LA-052-OB 3/32" L-052-OB 1/8"	\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury 90HP</b> Loop Charged 1992-93 Top guided rod	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030	3142PS 3142P1 3142P2 3142P3	LA-050-OB 3/32" L-050-OB 1/8"	\$118.95 (D7317)	3375KD 3385KD 3395KD 3405KD	S437	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-3 90HP</b> Loop Charged 1994-04	3	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044	3162PS 3162P2 3162P3 3162P4	L-130-OB (Short Notch) L-167-OB (Long Notch)	\$131.15 (D9687)	3500KD 3520KD 3530KD 3544KD	S501	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-4 100HP</b> Loop Charged 1989-91 With boost port	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3120PS 3120P1 3120P2 3120P3 3120P4	LA-053-OB 3/32" L-053-OB 1/8"	\$125.95 (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury Inline-4 100HP</b> Loop Charged 1992-93 Top guided rod	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030	3142PS 3142P1 3142P2 3142P3	LA-053-OB 3/32" L-053-OB 1/8"	\$118.95 (D7317)	3375KD 3385KD 3395KD 3405KD	S437	W4958	B1033 \$12.95 (D057)



# MERCURY

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Mercury Inline-4 100HP Loop Charged 1994-00</b>	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044	<b>3162PS</b> <b>3162P2</b> <b>3162P3</b> <b>3162P4</b>	<b>L-131-OB</b>	<b>\$131.15</b> (D9687)	3500KD 3520KD 3530KD 3544KD	S501	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-6 115HP Crossflow 1970-83</b> High dome	6	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-016-OB 1/16"</b> <b>L-016-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury Inline-6 115HP Crossflow 1984-88</b> Low dome	6	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3123PS</b> <b>3123P2</b> <b>3123P3</b> <b>3123P4</b>	<b>T-017-OB 1/16"</b> <b>L-017-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2095KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury Inline-4 115HP Loop Charged 1989-91</b> With boost port	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	<b>3120PS</b> <b>3120P1</b> <b>3120P2</b> <b>3120P3</b> <b>3120P4</b>	<b>LA-053-OB 3/32"</b> <b>L-053-OB 1/8"</b>	<b>\$125.95</b> (D7557)	3375KD 3385KD 3395KD 3405KD 3415KD	S437	W4958	B1032 \$12.95 (D057)
<b>Mercury Inline-4 115HP Loop Charged 1992-93</b> Top guided rod	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030	<b>3142PS</b> <b>3142P1</b> <b>3142P2</b> <b>3142P3</b>	<b>LA-053-OB 3/32"</b> <b>L-053-OB 1/8"</b>	<b>\$118.95</b> (D7317)	3375KD 3385KD 3395KD 3405KD	S437	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-4 115HP Loop Charged 1994-04</b>	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044	<b>3162PS</b> <b>3162P2</b> <b>3162P3</b> <b>3162P4</b>	<b>L-131-OB</b>	<b>\$131.15</b> (D9687)	3500KD 3520KD 3530KD 3544KD	S501	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-4 125HP Loop Charged 1994-04</b>	4	3.500"/Std. 3.520"/.020 3.530"/.030 3.544"/.044	<b>3162PS</b> <b>3162P2</b> <b>3162P3</b> <b>3162P4</b>	<b>L-131-OB</b>	<b>\$131.15</b> (D9687)	3500KD 3520KD 3530KD 3544KD	S501	W4958	B1033 \$12.95 (D057)
<b>Mercury Inline-6 135HP Crossflow 1970-71</b> High dome	6	2.875"/Std. 2.895"/.020 2.905"/.030 2.915"/.040	<b>3109PS</b> <b>3109P2</b> <b>3109P3</b> <b>3109P4</b>	<b>T-214-OB 1/16"</b> <b>LA-214-OB 3/32"</b> <b>L-214-OB 1/8"</b>	<b>\$99.49</b> (D9695)	2875KD 2895KD 2905KD 2915KD	S476	W4958	B1026 \$7.50 (D054)
<b>Mercury V6 135HP 2 Liter 1986-91</b> With boost port	6	3.125"/Std. 3.145"/.020 3.155"/.030 3.165"/.040 3.185"/.060	<b>3108PS</b> (Port) <b>3108SS</b> (Strbrd) <b>3108P2</b> (Port) <b>3108S2</b> (Strbrd) <b>3108P3</b> (Port) <b>3108S3</b> (Strbrd) <b>3108P4</b> (Port) <b>3108S4</b> (Strbrd) <b>3108P6</b> (Port) <b>3108S6</b> (Strbrd)	<b>LA-04-OB 3/32"</b> <b>L-04-OB 1/8"</b>	<b>\$112.65</b> (D7776)	3125KD 3145KD 3155KD 3165KD 3187KD	S437	W4958	B1025 \$14.95 (D798)
<b>Mercury V6 135HP 2 Liter 1992-00</b> With boost port Top guided rod	6	3.125"/Std. 3.145"/.020 3.155"/.030 3.165"/.040	<b>3140PS</b> (Port) <b>3140SS</b> (Strbrd) <b>3140P2</b> (Port) <b>3140S2</b> (Strbrd) <b>3140P3</b> (Port) <b>3140S3</b> (Strbrd) <b>3140P4</b> (Port) <b>3140S4</b> (Strbrd)	<b>LA-04-OB 3/32"</b> <b>L-04-OB 1/8"</b>	<b>\$112.94</b> (D6776)	3125KD 3145KD 3155KD 3165KD	S437	W4958	B1027 \$12.95 (D057)
<b>Mercury V6 135HP OptiMax 2.5 Liter 1998-03</b>	6	3.501"/Std. 3.521"/.020 3.531"/.030 3.541"/.040	<b>3192PS</b> (Port) <b>3192SS</b> (Strbrd) <b>3192P2</b> (Port) <b>3192S2</b> (Strbrd) <b>3192P3</b> (Port) <b>3192S3</b> (Strbrd) <b>3192P4</b> (Port) <b>3192S4</b> (Strbrd)	<b>LA-172-OB</b>	<b>\$131.15</b> (D9687)	3125KD 3145KD 3155KD 3165KD	S437	W4958	B1027 \$12.95 (D057)



# MERCURY

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Mercury Inline-6 140HP Crossflow 1978-80 With boost port Low dome	6	2.875"/Std.	3123PS	T-017-OB 1/16"	\$99.49 (D9695)	2875KD	S476	W4958	B1026
		2.895"/.020	3123P2	L-017-OB 1/8"		2895KD			\$7.505 (D054)
		2.905"/.030	3123P3			2095KD			
		2.915"/.040	3123P4			2915KD			
Mercury Inline-6 150HP Crossflow 1973-78 With boost port Low dome	6	2.875"/Std.	3123PS	T-017-OB 1/16"	\$99.49 (D9695)	2875KD	S476	W4958	B1026
		2.895"/.020	3123P2	L-017-OB 1/8"		2895KD			\$7.50 (D054)
		2.905"/.030	3123P3			2095KD			
		2.915"/.040	3123P4			2915KD			
Mercury V6 150HP XR2 2 Liter 1979-90 *1991 must use rod #636-8118 only.  With boost port	6	3.125"/Std.	3108PS (Port)	LA-04-OB 3/32"	\$112.65 (D7776)	3125KD	S437	W4958	B1025
		3.145"/.020	3108SS (Strbrd)	L-04-OB 1/8"		3145KD			\$14.95 (D798)
		3.155"/.030	3108P2 (Port)			3155KD			
		3.165"/.040	3108S2 (Strbrd)			3165KD			
		3.185"/.060	3108P3 (Port)			3187KD			
			3108S3 (Strbrd)						
Mercury V6 150HP 2 Liter 1992-00 *1991 must use rod #644-818141  With boost port Top guided rod	6	3.125"/Std.	3140PS (Port)	LA-04-OB 3/32"	\$112.94 (D6776)	3125KD	S437	W4958	B1027
		3.145"/.020	3140SS (Strbrd)	L-04-OB 1/8"		3145KD			\$12.95 (D057)
		3.155"/.030	3140P2 (Port)			3155KD			
		3.165"/.040	3140S2 (Strbrd)			3165KD			
			3140P3 (Port)						
			3140S3 (Strbrd)						
Mercury V6 150HP 2.5 Liter XR6 1992-97 Top guided rod	6	3.501"/Std.	3137PS (Port)	LA-146-OB	\$124.91 (D5947)	3500KD	S501	W4958	B1027
		3.521"/.020	3137SS (Strbrd)			3520KD			\$12.95 (D057)
		3.531"/.030	3137P2 (Port)			3530KD			
		3.545"/.044	3137S2 (Strbrd)			3544KD			
			3137P3 (Port)						
			3137S3 (Strbrd)						
Mercury V6 150HP 2.5 Liter, EFI 1995-04 Top guided rod	6	3.501"/Std.	3137PS (Port)	LA-151-OB	\$124.91 (D5947)	3500KD	S501	W4958	B1027
		3.521"/.020	3137SS (Strbrd)			3520KD			\$12.95 (D057)
		3.531"/.030	3137P2 (Port)			3530KD			
		3.545"/.044	3137S2 (Strbrd)			3544KD			
			3137P3 (Port)						
			3137S3 (Strbrd)						
Mercury V6 150HP OptiMax 2.5 Liter 1998-04	6	3.501"/Std.	3192PS (Port)	LA-172-OB	\$130.00 (D0087)	3500KD	S501	W4958	B1027
		3.521"/.020	3192SS (Strbrd)			3520KD			\$12.95 (D057)
		3.531"/.030	3192P2 (Port)			3530KD			
		3.541"/.040	3192S2 (Strbrd)			3540KD			
			3192P3 (Port)						
			3192S3 (Strbrd)						
Mercury V6 175HP 2 Liter 1976-80 Loop Charge With boost port	6	3.125"/Std.	3108PS (Port)	LA-04-OB 3/32"	\$112.65 (D7776)	3125KD	S437	W4958	B1025
		3.145"/.020	3108SS (Strbrd)	L-04-OB 1/8"		3145KD			\$14.95 (D798)
		3.155"/.030	3108P2 (Port)			3155KD			
		3.165"/.040	3108S2 (Strbrd)			3165KD			
		3.185"/.060	3108P3 (Port)			3187KD			
			3108S3 (Strbrd)						

# MERCURY

- Matched & Balanced to factory weights for individual replacement
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MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
<b>Mercury V6 175HP XR 2.4 Liter 1983-91 Loop Charge</b>  *Must request Std. size piston with KD rings for cast iron bore.	6	3.377"/Std.	<b>3102PS</b> (Port)	<b>LA-014-OB</b> 3/32" <b>L-014-OB</b> 1/8"	<b>\$118.59</b> (D5117)	3375KD	S437	W4958	B1025 \$14.95 (D798)
		3.385"/.010	<b>3102SS</b> (Strbrd)						
		3.395"/.020	<b>3102P1</b> (Port)						
		3.405"/.030	<b>3102S1</b> (Strbrd)						
<b>Mercury V6 175HP 2.5 Liter 1992-99</b> Top guided rod	6	3.501"/Std.	<b>3137PS</b> (Port)	<b>LA-151-OB</b>	<b>\$124.91</b> (D5947)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	<b>3137SS</b> (Strbrd)						
		3.531"/.030	<b>3137P2</b> (Port)						
		3.541"/.040	<b>3137S2</b> (Strbrd)						
<b>Mercury V6 175HP 2.5 Liter, Offshore 1992-99</b> Top guided rod	6	3.501"/Std.	<b>3137PS</b> (Port)	<b>LA-151-OB</b>	<b>\$124.91</b> (D5947)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	<b>3137SS</b> (Strbrd)						
		3.531"/.030	<b>3137P2</b> (Port)						
		3.541"/.044	<b>3137S2</b> (Strbrd)						
<b>Mercury V6 175HP OptiMax 2.5 Liter 1998-04</b>	6	3.501"/Std.	<b>3192PS</b> (Port)	<b>LA-172-OB</b>	<b>\$130.00</b> (D0087)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	<b>3192SS</b> (Strbrd)						
		3.531"/.030	<b>3192P2</b> (Port)						
		3.541"/.040	<b>3192S2</b> (Strbrd)						
<b>Mercury V6 200HP 2.4 Liter, 1978-90</b> With finger ports *Cylinder re-sleeving required for oversizes. *Std. bore pistons are supplied with KDM ring unless otherwise ordered.	6	3.377"/Std.	<b>3102PS</b> (Port)	<b>LA-073-OB</b> 3/32" <b>L-073-OB</b> 1/8"	<b>\$118.59</b> (D5117)	3375KDM	S437	W4958	B1025 \$14.95 (D798)
		3.385"/.010	<b>3102SS</b> (Strbrd)						
		3.395"/.020	<b>3102P1</b> (Port)						
		3.405"/.030	<b>3102S1</b> (Strbrd)						
<b>Mercury V6 200HP 2.5 Liter 1991 Loop Charge</b>	6	3.501"/Std.	<b>3124PS</b> (Port)	<b>LA-079-OB</b>	<b>\$130.86</b> (D2587)	3500KD	S501	W4958	B1025 \$14.95 (D798)
		3.521"/.020	<b>3124SS</b> (Strbrd)						
		3.531"/.030	<b>3124P2</b> (Port)						
		3.541"/.044	<b>3124S2</b> (Strbrd)						
<b>Mercury V6 200HP 2.5 Liter, Offshore 1991 Loop Charge</b>	6	3.501"/Std.	<b>3124PS</b> (Port)	<b>LA-079-OB</b>	<b>\$130.86</b> (D2587)	3500KD	S501	W4958	B1025 \$14.95 (D798)
		3.521"/.020	<b>3124SS</b> (Strbrd)						
		3.531"/.030	<b>3124P2</b> (Port)						
		3.541"/.044	<b>3124S2</b> (Strbrd)						

# MERCURY

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Mercury V6 200HP 2.5 Liter, Offshore 1992-04 Top guided rod	6	3.501"/Std.	3137PS (Port)	L-153-OB	\$124.91 (D5947)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	3137SS (Strbrd)		3520KD				
		3.531"/.030	3137P2 (Port)		3530KD				
		3.541"/.044	3137S2 (Strbrd)		3544KD				
Mercury V6 200HP 2.5 Liter, Offshore 1992-04 Top guided rod	6	3.501"/Std.	3137PS (Port)	L-153-OB	\$124.91 (D5947)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	3137SS (Strbrd)		3520KD				
		3.531"/.030	3137P2 (Port)		3530KD				
		3.541"/.044	3137S2 (Strbrd)		3544KD				
Mercury V6 200HP 2.5 Liter EFI, 1996-04 Top guided rod	6	3.501"/Std.	3137PS (Port)	LA-181-OB	\$124.91 (D5947)	3500KD	S501	W4958	B1027 \$12.95 (D057)
		3.521"/.020	3137SS (Strbrd)		3520KD				
		3.531"/.030	3137P2 (Port)		3530KD				
		3.541"/.044	3137S2 (Strbrd)		3544KD				
Mercury V6 200HP OptiMax 3.0 Liter 1998-04	6	3.625"/Std.	3191PS (Port)	L-154-OB	\$130.00 (D0087)	3625KD	S536	W5487	
		3.645"/.020	3191SS (Strbrd)		3645KD				
		3.655"/.030	3191P2 (Port)		3655KD				
		3.665"/.040	3191S2 (Strbrd)		3665KD				
Mercury V6 225HP 2.4 Liter, 1980 Loop Charge *Cylinder re-sleeving required for oversizes. *Std. bore pistons are supplied with KDM ring unless otherwise ordered.	6	3.377"/Std.	3102PS (Port)	LA-05-OB 3/32" L-05-OB 1/8"	\$118.59 (D5117)	3375KDM	S437	W4958	B1025 \$14.95 (D798)
		3.387"/.010	3102SS (Strbrd)		3385KD				
		3.397"/.020	3102P1 (Port)		3395KD				
		3.407"/.030	3102S1 (Strbrd)		3405KD				
Mercury V6 3.0 Liter 1994-99	6	3.625"/Std.	3170PS (Port)	L-132-OB	\$127.33 (D0467)	3625KD	S536	W5487	
		3.645"/.020	3170SS (Strbrd)		3645KD				
		3.655"/.030	3170P2 (Port)		3655KD				
		3.665"/.040	3170S2 (Strbrd)		3665KD				
Mercury V6 225HP OptiMax 3.0 Liter 1998-04	6	3.625"/Std.	3191PS (Port)	L-182-OB (Port)	\$130.00 (D0087)	3625KD	S536	W5487	
		3.645"/.020	3191SS (Strbrd)						
		3.655"/.030	3191P2 (Port)	3645KD					
		3.665"/.040	3191S2 (Strbrd)	3655KD					



# MERCURY SPORT JET

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Mercury Sport Jet 90HP 1993-95	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3151PS 3151P1 3151P2 3151P3 3151P4		\$75.43 (D6254)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
Mercury Sport Jet 90HP 1996	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3164PS 3164P1 3164P2 3164P3 3164P4		\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
Mercury Sport Jet 95XR 95HP 1997	3	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3164PS 3164P1 3164P2 3164P3 3164P4		\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
Mercury Sport Jet 120HP 1995	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3151PS 3151P1 3151P2 3151P3 3151P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$75.43 (D6254)	3375KD 3385KD 3395KD 3405KD 3415KD	S509	W5414	W5216 \$12.95 (D057)
Mercury Sport Jet 120HP 1996	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3164PS 3164P1 3164P2 3164P3 3164P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
Mercury Sport Jet 120XR 120HP 1997-00	4	3.375"/Std. 3.385"/.010 3.395"/.020 3.405"/.030 3.415"/.040	3164PS 3164P1 3164P2 3164P3 3164P4	T-70-OB 1/16" LA-70-OB 3/32" L-70-OB 1/8"	\$77.95 (D7764)	3375KD 3385KD 3395KD 3405KD 3415KD	S501	W4958	
Mercury Sport Jet 175XR2 175HP 1997-04	6	3.501"/Std. 3.521"/.020 3.531"/.030 3.541"/.044	3137PS (Port) 3137SS (Strbrd) 3137P2 (Port) 3137S2 (Strbrd) 3137P3 (Port) 3137S3 (Strbrd) 3137P4 (Port) 3137S4 (Strbrd)		\$124.91 (D5947)	3500KD 3520KD 3530KD 3544KD	S501	W4958	B1027 \$12.95 (D057)





# SUZUKI

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Suzuki IL 115HP 1986-01	4	3.307"/Std. 3.327"/.020 3.337"/.030 3.347"/.040	3185PS 3185P2 3185P3 3185P4	L-076-OB	\$85.95 (D7515)	3307KD 3327KD 3332KD 3347KD	S662	CW22	
Suzuki IL 140HP 1986-01	4	3.307"/Std. 3.327"/.020 3.337"/.030 3.347"/.040	3185PS 3185P2 3185P3 3185P4	L-029-OB L-148-OB (See Sleeves Section)	\$85.95 (D7515)	3307KD 3327KD 3332KD 3347KD	S662	CW22	
Suzuki V6 150HP "S" 1987-02  *Requires resleeving	6	3.307"/Std.  3.327"/.020  3.337"/.030  3.347"/.040	3186PS (Port) 3186SS (Strbrd) 3186P2 (Port) 3186S2 (Strbrd) 3186P3 (Port) 3186S3 (Strbrd) 3186P4 (Port) 3186S4 (Strbrd)	FL-104-OB	\$98.95 (D7395)	3307KD  3327KD  3332KD  3347KD	S488	CW22	
Suzuki V6 150HP 1987-02	6	3.307"/Std.  3.327"/.020  3.347"/.040	3117PS (Port) 3117SS (Strbrd) 3117P2 (Port) 3117S2 (Strbrd) 3117P4 (Port) 3117S4 (Strbrd)	FL-121-OB FL-062-OB (See Sleeves Section)	\$87.95 (D7725)	3307KD  3327KD  3347KD	S488	CW22	
Suzuki V6 175HP 1987-92	6	3.307"/Std.  3.327"/.020  3.347"/.040	3117PS (Port) 3117SS (Strbrd) 3117P2 (Port) 3117S2 (Strbrd) 3117P4 (Port) 3117S4 (Strbrd)	FL-121-OB	\$87.95 (D7725)	3307KD  3327KD  3347KD	S488	CW22	
Suzuki V6 200HP 1981-93	6	3.307"/Std.  3.327"/.020  3.347"/.040	3117PS (Port) 3117SS (Strbrd) 3117P2 (Port) 3117S2 (Strbrd) 3117P4 (Port) 3117S4 (Strbrd)	FL-121-OB	\$87.95 (D7725)	3307KD  3327KD  3347KD	S488	CW22	
Suzuki V6 200HP EFI 1994-00  *Requires resleeving	6	3.307"/Std.  3.327"/.020  3.337"/.030  3.347"/.040	3186PS (Port) 3186SS (Strbrd) 3186P2 (Port) 3186S2 (Strbrd) 3186P3 (Port) 3186S3 (Strbrd) 3186P4 (Port) 3186S4 (Strbrd)	FL-104-OB	\$98.95 (D7395)	3307KD  3327KD  3332KD  3347KD	S488	CW22	
Suzuki V6 225HP EFI 1987-03  *Requires resleeving	6	3.307"/Std.  3.327"/.020  3.337"/.030  3.347"/.040	3187PS (Port) 3187SS (Strbrd) 3187P2 (Port) 3187S2 (Strbrd) 3187P3 (Port) 3187S3 (Strbrd) 3187P4 (Port) 3187S4 (Strbrd)	FL-128-OB	\$134.95 (D7908)	3307KD  3327KD  3332KD  3347KD	S488	CW22	

# TOHATSU - NISSAN

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Tohatsu/Nissan 25HP Loop Charge M25C2	2	2.677"/Std. 2.697"/.020 2.707"/.030 2.717"/.040	3157PS 3157P2 3157P3 3157P4	L-126-OB	\$72.95 (D7734)	2678KD 2697KD 2707KD 2717KD	S540	CW17	
Tohatsu/Nissan 30HP Loop Charge M30A3	2	2.677"/Std. 2.697"/.020 2.707"/.030 2.717"/.040	3157PS 3157P2 3157P3 3157P4	L-126-OB	\$72.95 (D7734)	2678KD 2697KD 2707KD 2717KD	S540	CW17	
Tohatsu/Nissan 40HP Loop Charge M40C	2	2.755"/Std. 2.775"/.020 2.785"/.030 2.795"/.040	3155PS 3155P2 3155P3 3155P4	L-064-OB	\$74.95 (D7944)	2755KD 2775KD 2785KD 2795KD	S523	CW17	
Tohatsu/Nissan 40HP Loop Charge M40D	3	2.677"/Std. 2.697"/.020 2.707"/.030 2.717"/.040	3156PS 3156P2 3156P3 3156P4	L-123-OB	\$72.95 (D7734)	2678KD 2697KD 2707KD 2717KD	S540	CW17	
Tohatsu/Nissan 50HP Loop Charge M50D	3	2.677"/Std. 2.697"/.020 2.707"/.030 2.717"/.040	3156PS 3156P2 3156P3 3156P4	L-123-OB	\$72.95 (D7734)	2678KD 2697KD 2707KD 2717KD	S540	CW17	
Tohatsu/Nissan 60HP Loop Charge M60A	2	3.385"/Std. 3.405"/.020 3.415"/.030 3.425"/.040	3153PS 3153P2 3153P3 3153P4	L-066-OB	\$93.95 (D7365)	3385KD 3405KD 3415KD 3425KD	S544	CW20	B1004 \$14.95 (D798)
Tohatsu/Nissan 60HP Loop Charge M60B	3	2.913"/Std. 2.933"/.020 2.943"/.030 2.953"/.040	3154PS 3154P2 3154P3 3154P4	L-124-OB	\$93.95 (D7365)	2913KD 2933KD 2943KD 2953KD	S512	CW20	
Tohatsu/Nissan 70HP Loop Charge M70A	2	3.385"/Std. 3.405"/.020 3.415"/.030 3.425"/.040	3153PS 3153P2 3153P3 3153P4	L-066-OB	\$93.95 (D7365)	3385KD 3405KD 3415KD 3425KD	S544	CW20	B1004 \$14.95 (D798)
Tohatsu/Nissan 70HP Loop Charge M70B	3	2.913"/Std. 2.933"/.020 2.943"/.030 2.953"/.040	3154PS 3154P2 3154P3 3154P4	L-124-OB	\$93.95 (D7365)	2913KD 2933KD 2943KD 2953KD	S512	CW20	
Tohatsu/Nissan 90HP Loop Charge M90A	3	3.385"/Std. 3.405"/.020 3.415"/.030 3.425"/.040	3153PS 3153P2 3153P3 3153P4	L-122-OB	\$93.95 (D7365)	3385KD 3405KD 3415KD 3425KD	S544	CW20	B1004 \$14.95 (D798)
Tohatsu/Nissan 115HP Loop Charge M115A	4	3.464"/Std. 3.484"/.020 3.494"/.030 3.504"/.040	3152PS 3152P2 3152P3 3152P4	L-138-OB	\$93.95 (D7365)	3464KD 3484KD 3494KD 3503KD	S544	CW20	B1004 \$14.95 (D798)
Tohatsu/Nissan 120HP Loop Charge M120A	4	3.464"/Std. 3.484"/.020 3.494"/.030 3.504"/.040	3152PS 3152P2 3152P3 3152P4	L-138-OB	\$93.95 (D7365)	3464KD 3484KD 3494KD 3503KD	S544	CW20	B1004 \$14.95 (D798)
Tohatsu/Nissan 140HP Loop Charge M140A	4	3.464"/Std. 3.484"/.020 3.494"/.030 3.504"/.040	3152PS 3152P2 3152P3 3152P4	L-138-OB	\$93.95 (D7365)	3464KD 3484KD 3494KD 3503KD	S544	CW20	B1004 \$14.95 (D798)

# YAMAHA



MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Yamaha 9.9 1984-97	2	2.205"/Std. 2.225"/.020	3190PS 3190P2	-	\$55.95 (D7533)	2208KD 2228KD	S485	CW14	
Yamaha 15HP 1984-97	2	2.205"/Std. 2.225"/.020	3190PS 3190P2	-	\$55.95 (D7533)	2208KD 2228KD	S485	CW14	
Yamaha 25HP 1985	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	
Yamaha C25HP 1990-97	2	2.638"/Std. 2.658"/.020 2.668"/.030 2.678"/.040	3188PS 3188P2 3188P3 3188P4	LA-067-OB	\$64.95 (D7983)	2368KD 3658KD 2668KD 2678KD	S391	CW18	
Yamaha 25HP 1996-02	3	2.373"/.030 2.383"/.040	3189P3 3189P4	LA-068-OB	\$69.95 (D7914)		S676		
Yamaha 30HP 1984	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	
Yamaha 30HP 1986	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	
Yamaha C30HP 1989	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	
Yamaha C30HP 1991-92	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	

# YAMAHA

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Yamaha C30HP 1993-97	2	2.638"/Std. 2.658"/.020 2.668"/.030 2.678"/.040	3188PS 3188P2 3188P3 3188P4	-	\$64.95 (D7983)	2638KD 2658KD 2668KD 2678KD	S391	CW18	
Yamaha 30HP 1987-02	3	2.373"/.030 2.383"/.040	3189P3 3189P4	LA-068-OB	\$69.95 (D7914)		S676		
Yamaha 35HP 1985	2	2.835"/Std. 2.855"/.020 2.865"/.030 2.875"/.040	3184PS 3184P2 3184P3 3184P4	-	\$64.95 (D7983)	2834KD 2854KD 2864KD 2874KD	S478	CW20	
Yamaha 40HP Loop Charge 1984-03	3	2.638"/Std. 2.658"/.020 2.668"/.030 2.678"/.040	3130PS 3130P2 3130P3 3130P4	LA-069-OB 3/32" L-069-OB 1/8"	\$68.63 (D8114)	2638KD 2658KD 2668KD 2678KD	S391	CW18	B1034 \$24.95 (D7941)
Yamaha 50HP Loop Charge 1984-03	3	2.638"/Std. 2.658"/.020 2.668"/.030 2.678"/.040	3130PS 3130P2 3130P3 3130P4	LA-069-OB 3/32" L-069-OB 1/8"	\$68.63 (D8114)	2638KD 2658KD 2668KD 2678KD	S391	CW18	B1034 \$24.95 (D7941)
Yamaha 55HP Loop Charge 1992-96	2	3.228"/Std. 3.248"/.020 3.258"/.030 3.268"/.040	3131PS 3131P2 3131P3 3131P4	LA-102-OB	\$84.64 (D8705)	3228KD 3248KD 3258KD 3268KD	S503	CW20	B1028 \$15.95 (D759)
Yamaha 60HP Loop Charge 1991-03	3	2.834"/Std. 2.854"/.020 2.864"/.030 2.874"/.040	3132PS 3132P2 3132P3 3132P4	L-051-OB	\$88.87 (D2335)	2834KD 2854KD 2864KD 2874KD	S504	CW20	B1035 \$24.95 (D7941)
Yamaha 70HP Loop Charge 1984-03	3	2.834"/Std. 2.854"/.020 2.864"/.030 2.874"/.040	3132PS 3132P2 3132P3 3132P4	LA-051-OB	\$88.87 (D2335)	2834KD 2854KD 2864KD 2874KD	S504	CW20	B1035 \$24.95 (D7941)
Yamaha 85HP Loop Charge 1992-93	3	3.228"/Std. 3.248"/.020 3.258"/.030 3.268"/.040	3131PS 3131P2 3131P3 3131P4	LA-071-OB	\$84.64 (D8705)	3228KD 3248KD 3258KD 3268KD	S503	CW20	B1028 \$15.95 (D759)
Yamaha 90HP Loop Charge 1984-03	3	3.228"/Std. 3.248"/.020 3.258"/.030 3.268"/.040	3131PS 3131P2 3131P3 3131P4	LA-071-OB	\$84.64 (D8705)	3228KD 3248KD 3258KD 3268KD	S503	CW20	B1028 \$15.95 (D759)
Yamaha V4 115HP 1984-92	4	3.544"/Std. 3.564"/.020 3.584"/.040 3.604"/.060	3116PS (Port) 3116SS (Strbrd) 3116P2 (Port) 3116S2 (Strbrd) 3116P4 (Port) 3116S4 (Strbrd) 3116P6 (Port) 3116S6 (Strbrd)	LA-032-OB	\$90.25 (D5145)	3544KD 3564KD 3584KD 3604KD	S487	CW22	B1028 \$15.95 (D759)
Yamaha V4 115HP Loop Charge 1993-03	4	3.544"/Std. 3.564"/.020 3.584"/.040 3.604"/.060	3146PS (Port) 3146SS (Strbrd) 3146P2 (Port) 3146S2 (Strbrd) 3146P4 (Port) 3146S4 (Strbrd) 3146P6 (Port) 3146S6 (Strbrd)	LA-086-OB	\$94.76 (D6865)	3544KD 3564KD 3584KD 3604KD	S519	CW23	W5839 \$21.95 (D7131)
Yamaha V4 130HP 1984-92	4	3.544"/Std. 3.564"/.020 3.584"/.040 3.604"/.060	3116PS (Port) 3116SS (Strbrd) 3116P2 (Port) 3116S2 (Strbrd) 3116P4 (Port) 3116S4 (Strbrd) 3116P6 (Port) 3116S6 (Strbrd)	LA-032-OB	\$90.25 (D5145)	3544KD 3564KD 3584KD 3604KD	S487	CW22	B1028 \$15.95 (D759)



# YAMAHA

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Yamaha V4 130HP Loop Charge 1993-03	4	3.544"/Std.	3146PS (Port)	LA-087-OB	\$94.76 (D6865)	3544KD	S519	CW23	W5839 \$21.95 (D7131)
		3.564"/.020	3146SS (Strbrd)		3564KD				
		3.584"/.040	3146P2 (Port)		3584KD				
		3.604"/.060	3146S2 (Strbrd)		3604KD				
Yamaha V6 150HP 1984-92	6	3.544"/Std.	3116PS (Port)	LA-033-OB	\$90.25 (D5145)	3544KD	S487	CW22	B1028 \$15.95 (D759)
		3.564"/.020	3116SS (Strbrd)		3564KD				
		3.584"/.040	3116P2 (Port)		3584KD				
		3.604"/.060	3116S2 (Strbrd)		3604KD				
Yamaha V6 150HP Loop Charge 1993-03	6	3.544"/Std.	3146PS (Port)	LA-147-OB	\$94.76 (D6865)	3544KD	S519	CW23	W5839 \$21.95 (D7131)
		3.564"/.020	3146SS (Strbrd)		3564KD				
		3.584"/.040	3146P2 (Port)		3584KD				
		3.604"/.060	3146S2 (Strbrd)		3604KD				
Yamaha V6 175HP 1984-92	6	3.544"/Std.	3116PS (Port)	LA-033-OB	\$90.25 (D5145)	3544KD	S487	CW22	B1028 \$15.95 (D759)
		3.564"/.020	3116SS (Strbrd)		3564KD				
		3.584"/.040	3116P2 (Port)		3584KD				
		3.604"/.060	3116S2 (Strbrd)		3604KD				
Yamaha V6 175HP Loop Charge 1993-01	6	3.544"/Std.	3146PS (Port)	LA-140-OB	\$94.76 (D6865)	3544KD	S519	CW23	W5839 \$21.95 (D7131)
		3.564"/.020	3146SS (Strbrd)		3564KD				
		3.584"/.040	3146P2 (Port)		3584KD				
		3.604"/.060	3146S2 (Strbrd)		3604KD				
Yamaha V6 200HP 1984-92	6	3.544"/Std.	3116PS (Port)	LA-033-OB (83-88)	\$90.25 (D5145)	3544KD	S487	CW22	B1028 \$15.95 (D759)
		3.564"/.020	3116SS (Strbrd)	LA-088-OB (88-89)		3564KD			
		3.584"/.040	3116P2 (Port)	LA-089-OB (90-92)		3584KD			
		3.604"/.060	3116S2 (Strbrd)	3604KD					
Yamaha V6 200HP Loop Charge 1992-03	6	3.544"/Std.	3146PS (Port)	LA-141-OB	\$94.76 (D6865)	3544KD	S519	CW23	W5839 \$21.95 (D7131)
		3.564"/.020	3146SS (Strbrd)		3564KD				
		3.584"/.040	3146P2 (Port)		3584KD				
		3.604"/.060	3146S2 (Strbrd)		3604KD				

# YAMAHA

- Matched & Balanced to factory weights for individual replacement
- Semi-Keystone ring design offers maximum seal with less than 1% ring blowby
- Wide range of oversizes available for sleeved cylinders

MODEL	No. of Cyl.	Bore Size	Replacement Piston Part No.	Replacement Sleeve Part No.	Price per Piston	Repl. Ring Part No. \$28.95 (D7371)	Repl. Wrist Pin Part No. \$12.95 (D777)	Repl. Circlip Part No. \$1.00 (D06)	Wrist Pin Bearing Part No.
Yamaha V6 225HP 1984-91	6	3.544"/Std.	3116PS (Port)	LA-091-OB	\$90.25 (D5145)	3544KD	S487	CW22	B1028 \$15.95 (D759)
		3.564"/.020	3116SS (Strbrd)						
		3.584"/.040	3116P2 (Port)						
		3.604"/.060	3116S2 (Strbrd)						
Yamaha V6 225HP Loop Charge 1992-94	6	3.544"/Std.	3146PS (Port)	L-092-OB	\$94.76 (D6865)	3544KD	S519	CW23	W5839 \$21.95 (D7131)
		3.564"/.020	3146SS (Strbrd)						
		3.584"/.040	3146P2 (Port)						
		3.604"/.060	3146S2 (Strbrd)						
Yamaha V6 225HP 1995-01 76°  Yamaha V6 250HP 1995-03	6	3.544"/Std.	3168PS (Port)	L-161-OB	\$92.96 (D7755)	3544KD	S584	CW26	
		3.564"/.020	3168SS (Strbrd)						
		3.584"/.040	3168P2 (Port)						
		3.604"/.060	3168S2 (Strbrd)						
Yamaha V6 250HP 1990-94 76°	6	3.544"/Std.	3169PS (Port)	L-145-OB (92)	\$90.25 (D5145)	3544KD	S584	CW26	
		3.564"/.020	3169SS (Strbrd)	L-149-OB (90-91)					
		3.584"/.040	3169P2 (Port)						
		3.604"/.060	3169S2 (Strbrd)						

## HEAD GASKETS

Year	Description	Part No.	Piston Series	Prices	Replaces OEM Number
Chrysler All Years All Years	3-Cylinder 3.312"/3.375" Bore	W5642	3129/3151	\$26.95 (D7161)	-
	4-Cylinder 3.312"/3.375" Bore	W5643	3129/3151	\$26.95 (D7161)	-
OMC All Years	3-Cylinder 3.187" Bore Loop Charge	W5647	3172	\$19.95 (D7911)	329836
Mercury 1992-97	2.5 V6 Mercury 3.501" Bore	W5654	3124/3137	\$24.95 (D7941)	27-822844-1

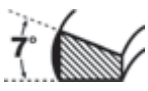

## GASKET KITS

Complete Power Head Kit (with seals)

Description	Part No.	Price
OMC V-6 Looper 1988-92	W5655	\$102.57 (4516)
OMC V-6 Looper 1993-97	W5656	\$127.18 (D1367)

# RING BUYERS GUIDE

**Wiseco Marine Piston Rings are not interchangeable with Original Equipment Rings.**

RING TYPE	DESCRIPTION	APPLICATION
<b>KD</b>	 <p>7° tapered semi-keystone compression ring, chrome faced high temperature steel alloy with ferrox coating.</p>	Used in all cast iron and plated cylinder liners <u>except chrome</u> . <b>CAUTION: Cannot be used in chrome lined cylinders.</b>
<b>KDM</b>	 <p>7° tapered semi-keystone, ductile iron compression ring.</p>	Used in chrome lined cylinders only.

### WISeco WARRANTY & RETURNS PROCEDURES

Dealers should return any Wiseco products in question directly to Wiseco for warranty consideration. All defective claims to Wiseco Piston Company, Inc. **must** follow the correct procedure:

- A)** Obtain the original proof of purchase. (Wiseco invoice, or dealer invoice.)
- B)** Contact a Wiseco sales representative in USA ( 1-800-321-1364 ) in Canada (1-800-265-1029) and explain the problem. They will decide at that time if this product needs to be returned to Wiseco for further evaluation. Wiseco sales representatives can not guarantee product replacement, and or credit at this time.
- C)** If the product problem needs to be further evaluated, your sales representative will give you a **“Return Goods Authorization Number” (RGA#)**. **No returns can be accepted without an RGA#.**
- D)** Return the product to Wiseco, with the following: invoice, name, and address of supplier, phone number, a brief description of the problem, and **MOST IMPORTANTLY** the **RGA#**. All returns must be shipped with postage pre-paid.
  - Wiseco will conduct a technical evaluation of each returned item. If the product in question is found to be defective, Wiseco will inform the dealer of the results.

**Ship returns to: Wiseco Piston Company, Inc. 7201 Industrial Park Blvd., Mentor, Ohio 44060-5396**  
**Attention: Quality Assurance.**

*In Canada: Wiseco Piston Canada, Inc. 948 Keyes Drive, Woodstock, ONT N4S 7X6*

### WISeco PISTON COMPANY, INC. LIMITED WARRANTY

WISeco warrants this product will be free from defects in material and workmanship for thirty (30) days following date of original purchase. If the product is found by WISeco to be defective, such products will, at WISeco'S option, be replaced or repaired at cost to WISeco. All products alleged by Purchaser to be defective must be returned to WISeco, postage prepaid, within thirty (30) days warranty period. This limited warranty does not cover labor or other costs or expenses incidental to the repair and/or replacement of products or parts.

This limited warranty does not apply to any product which has been used in a hi-performance application, or racing or is subject to misuse, mishandling, misapplication, neglect (including but not limited to improper maintenance), accident, improper installation, modification (including but not limited to use of unauthorized parts or attachments), or adjustment or repair performed by anyone other than WISeco.

The parties hereto expressly agree that the purchaser's sole and exclusive remedy against WISeco shall be for the repair or replacement of the defective product as provided in this limited warranty. This exclusive remedy shall not be deemed to have failed of its essential purpose so long as WISeco is willing and able to repair or replace defective goods.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOT EXPRESSLY SET FORTH HEREIN. ANY PRODUCT WHICH MAY BE SOLD BY WISeco BUT WHICH IS NOT MANUFACTURED BY WISeco IS NOT WARRANTED BY WISeco, BUT IS SOLD ONLY WITH THE WARRANTIES, IF ANY, OF THE MANUFACTURERS THEREOF.

WISeco'S liability (whether under the theories of breach of contract or warranty, negligence or strict liability) for its products shall be limited to repairing or replacing parts found by WISeco to be defective, or at WISeco'S option, to refund the purchase price of such product. In no event shall WISeco be liable for incidental or consequential damages arising out of or in connection with the product. Consequential damages shall include, without limitation, loss of use, income or profit, or losses sustained as the result of injury (including death) to any person, or loss of or damage to property.

Any claim by purchaser regarding this product shall be deemed waived by the purchaser unless submitted in writing to WISeco within the earlier of (i) fifteen (15) days following the date Purchaser discovered, or by reasonable inspection should have discovered, any claimed breach of this limited warranty, or (ii) thirty (30) days following the date of original purchase. Any cause of action for breach of this limited warranty shall be brought within six months from the date the alleged breach was discovered or should have been discovered, whichever occurs first.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

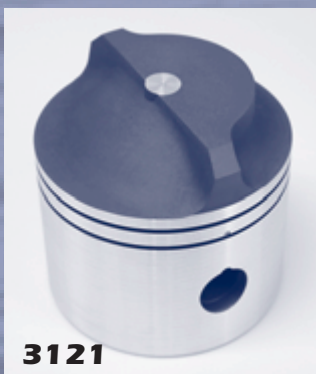
WISeco PISTON COMPANY, INC. • 7201 Industrial Park Blvd. • Mentor, Ohio 44060

# PROFILES & DOME STYLES

## Chrysler ■ Force



## Evinrude ■ Johnson (OMC, Bombarier)





# PROFILES & DOME STYLES

## Evinrude ■ Johnson (OMC, Bombarier) Cont.



# PROFILES & DOME STYLES

## Mercury



## Tohatsu ■ Nissan





# PROFILES & DOME STYLES

## Tohatsu ■ Nissan (Cont.)



## Suzuki



## Yamaha



# PERSONAL WATERCRAFT



Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories
<b>Tigershark - Arctic Cat</b>											
<b>650cc All models</b> Twin Cylinder  Note: *0.31 not standard • Replacement must be bored	76	639	76	*0.31	632M07600	632PS	94.53	2992TD	CW20	S461	Bearing: B1024 Gasket: W5387 Con. Rod: - Sleeve: 1993-96: FL5237
	x	652	76.5	0.81	632M07650	632P2	(D2765)	3012TD			
	71	661	77	1.31	632M07700	632P4	103.98 (D9326)	3032TD 26.95 (D7161)			
<b>900cc</b> <b>Tigershark</b> <b>Monte Carlo</b> Triple Cylinder  • Nikasil Bore - Cylinder sleeving required for 76.5 & 80.5mm bore.	76.5	896	76.5	STD	2349M07650	2349PS	94.53	3012TDW	CW20	S512	Bearing: B1024 Gasket: W5457 Con. Rod: - Sleeve: 1995-96 76.5mm: FL5281 80.5mm: FL5281B
	x	998	80.5	4.00	2349M08050	2349P16	(D2765) 103.98 (D9326)	3169TD 26.95 (D7161)			
<b>1000cc</b> <b>Tigershark Daytona</b> <b>Monte Carlo</b> Triple Cylinder  • Nikasil Bore - Cylinder sleeving required for 85mm bore.	81	1000	81	STD	2394M08100	2394PS	99.26	3189KD	CW22	S539	Bearing: - Gasket: W5591 Con. Rod: - Sleeve: 81mm: FL-5343 85mm: FL-5343B
	x	1100	85	4.00	718M08500	718P16	(D6595) 113.12 (D7876)	3347KD 28.95 (D7371)			



# PERSONAL WATERCRAFT

Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories <i>Bearings &amp; Gaskets are all Top End</i>
<b>Kawasaki</b>											
<b>300cc</b> Single Cylinder  • Possible Crankcase cleanup required for 77.5 & 78mm bore.	76 x 64.9	295 299 303 307 311	76 76.5 77 77.5 78	STD 0.50 1.00 1.50 2.00	549M07600 549M07650 549M07700 549M07750 549M07800	549PS 549P2 549P4 549P6 549P8	92.40 (D4455)  101.64 (D8906)	2992TD 3012TD 3032TD 3051TD 3071TD 26.95 (D7161)	CW18	S513	Bearing: B1022 Gasket: W5291 Con. Rod: - Sleeve: 1986-94: KA951H
<b>440cc All models</b> Twin Cylinder	68 x 60	436 439 442 449 455 462	68 68.25 68.5 69 69.5 70	STD 0.25 0.50 1.00 1.50 2.00	2322M06800 2084M06825 2084M06850 2084M06900 2084M06950 2084M07000	2322PS 2084P1 2084P2 2084P4 2084P6 2084P8	81.94 (D6194)  90.13 (D8045)	2677CD 2687CD 2697CD 2717CD 2736CD 2756CD 25.95 (D7551)	CW16	S259	Bearing: B1021 Gasket: W5293 Con. Rod: 01572 Sleeve: 1976-81: Alum. Cyl., KA630 1982-90: Iron Cyl., KA835
<b>475cc Big bore kit All models</b> Twin Cylinder  • Aluminum Cylinder Only • Cylinder sleeving required	71 x 60	475 481 488 496 502	71 71.5 72 72.5 73	STD 0.50 1.00 1.50 2.00	423M07100 423M07150 423M07200 423M07250 423M07300	423PS 423P2 423P4 423P6 423P8	102.34 (D0416)  112.57 (D4576)	2795CD 2815CD 2835CD 2854CD 2874CD 25.95 (D7551)	CW16	S259	Bearing: B1021 Gasket: W5294 Con. Rod: 01572 Sleeve: 70-73mm: KA630H
<b>550cc All models</b> Twin Cylinder Single ring  • Crankcase cleanup required for 76.5 & 77mm bore.	75 x 60	531 537 544 551 559	75 75.5 76 76.5 77	STD 0.50 1.00 1.50 2.00	516M07500 516M07550 516M07600 516M07650 516M07700	516PS 516P2 516P4 516P6 516P8	86.04 (D2615)  94.64 (D8765)	2953TC 2973TC 2992TC 3012TC 3032TC 13.48 (D908)	CW16	S259	Bearing: B1021 Gasket: W5295 Con. Rod: 01572 Sleeve: 1986-90: Iron Cyl. KA5033
<b>550cc All models</b> Twin Cylinder Cylinder Reed Double ring  • Crankcase cleanup required for 76.5 & 77mm bore.	75 x 60	531 537 544 551 559	75 75.5 76 76.5 77	STD 0.50 1.00 1.50 2.00	608M07500 608M07550 608M07600 608M07650 608M07700	608PS 608P2 608P4 608P6 608P8	86.04 (D2615)  94.64 (D8765)	2953TD 2973TD 2992TD 3012TD 3032TD 26.95 (D7161)	CW16	S259	Bearing: B1021 Gasket: W5296 Con. Rod: 01572 Sleeve: 1991-96: KA5135
<b>650cc All models</b> Twin Cylinder  • Crankcase cleanup required for 77.5 & 78mm bore  • Cylinder sleeving required for 78mm bore	76 x 70	635 643 657 660 668	76 76.5 77 77.5 78	STD 0.50 1.00 1.50 2.00	549M07600 549M07650 549M07700 549M07750 549M07800	549PS 549P2 549P4 549P6 549P8	92.40 (D4455)  101.64 (D8906)	2992TD 3012TD 3032TD 3051TD 3071TD 26.95 (D7161)	CW18	S513	Bearing: B1022 Gasket: W5297 Con. Rod: 01573 Sleeve: 1986-96: KA999
<b>750cc thru 1995 All models</b> Twin Cylinder / Small Pin (20mm)  • Crankcase cleanup and cylinder sleeving required for 83mm thru 85.5mm bore. • Replaces 623 series with KD rings, stronger forging and stronger 20mm pin	80 x 74	743 752 760 771 779 795 840 849	80 80.5 81 81.5 82 83 85 85.5	STD 0.50 1.00 1.50 2.00 3.00 5.00 5.50	813M08000 813M08050 813M08100 813M08150 813M08200 813M08300 813M08500 813M08550	623PS 623P2 623P4 623P6 623P8 623P12 623P20 623P22	92.40 (D4455)  101.64 (D8906)	3150KD 3169KD 3189KD 3207KD 3228KD 3268KD 3347KD 3367KD 28.95 (D7371)	CW20	S650	Bearing: B1023 Gasket: W5324 85mm-85.5mm: W5503 Con. Rod: 01574 20mm wrist pin Sleeve: KA5166
<b>750cc All models 1996-02</b> Cylinder / Big Pin (22mm)  • Crankcase cleanup and cylinder sleeving required for 83mm thru 84.5mm bore. • Replaces 733 series with KD rings, stronger forging and stronger 22mm pin.	80 x 74	743 752 760 771 779 795 820 830	80 80.5 81 81.5 82 83 84 84.5	STD 0.50 1.00 1.50 2.00 3.00 4.00 4.50	809M08000 809M08050 809M08100 809M08150 809M08200 809M08300 809M08400 809M08450	733PS 733P2 733P4 733P6 733P8 733P12 733P16 733P18	106.47 (D8836)  117.12 (D7207)	3150KD 3169KD 3189KD 3207KD 3228KD 3268KD 3307KD 3327KD 28.95 (D7371)	CW22	S662	Bearing: B1030 Gasket: 80-81mm: W6211 81.5-83mm: W5458 Twin 84-84.5mm: W5779 Con. Rod: 01576 22mm wrist pin Sleeve: KA-5280

# PERSONAL WATERCRAFT

Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories <i>Bearings &amp; Gaskets are all Top End</i>
<b>Kawasaki</b>											
<b>750cc SXi 1996-02 SX800R 2003</b>  Electra Coated • Special boost hole & reed cutaway • Factory Kawasaki: Race part only	80 x 74	791 800	82.50 82.96	2.50 2.96	<b>810M08250</b> <b>810M08296</b>	-	<b>134.69</b> (D1808)	8250KB 8300KB 28.95 (D7371)	CW22	S640	Bearing: B1030 Gasket: W5458 Con. Rod: 01576 22mm wrist pin Sleeve: KA5280
<b>SX800R 2003-04</b>	82 x 74	782 791	82.00 82.50	STD 0.50	<b>837M08200</b> <b>837M08250</b>	-	<b>109.78</b> (D7856)	3228KD 3248KD 28.95 (D7371)	CW22	S640	Bearing: B1030 Gasket: W6197 Con. Rod: 01576 22mm wrist pin Sleeve: KA5496
<b>900cc All models 1995-04</b> Triple Cylinder	73 x 71	891 903 915 928	73 73.5 74 74.5	STD 0.50 1.00 1.50	659M07300 659M07350 659M07400 659M07450	659PS 659P2 659P4 659P6	<b>90.15</b> (D0145)  <b>99.18</b> (D1595)	2874CD 2894CD 2913CD 2933TD 25.95 (D7551) 26.95 (D7161)	CW20	S512	Bearing: B1023 Gasket: W5459 Con. Rod: 01574 Sleeve: KA5283
<b>1100cc All models 1996-02</b> Triple Cylinder / Big Pin (22mm) • Crankcase cleanup and cylinder sleeving required for 83mm thru 84.5mm bore. • Replaces 733 series with KD rings, stronger forging and stronger 22mm pin.	80 x 74	1071 1083 1097 1106 1125 1151 1179 1193	80 80.5 81 81.5 82 83 84 84.5	STD 0.50 1.00 1.50 2.00 3.00 4.00 4.50	809M08000 809M08050 809M08100 809M08150 809M08200 809M08300 809M08400 809M08450	733PS 733P2 733P4 733P6 733P8 733P12 733P16 733P18	<b>106.47</b> (D8836)  <b>117.12</b> (D7207)	3150KD 3169KD 3189KD 3207KD 3228KD 3268KD 3307KD 3327KD 28.95 (D7371)	CW22	S662	Bearing: B1030 Gasket: 80mm-82mm: W5522 83mm-84.5mm: W5780 Con. Rod: 01577 Sleeve: 80-82mm: KA5303 83-84.5mm: KA5303B
<b>1200cc Ultra 150 All Years</b> Triple Cylinder • Cylinder sleeving or replating required for oversizes.	80 x 78	1176 1191 1205	80 80.5 81	STD 0.50 1.00	749M08000 749M08050 749M08100	749PS 749P2 749P4	<b>106.47</b> (D8836)	3150TD 3169TD 3189TD 26.95 (D7161)	CW24	S598	Bearing: B1075 Gasket: W5781 Con. Rod: - Sleeve: KA5415



# PERSONAL WATERCRAFT

Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories
<b>Polaris</b>											
<b>650cc All models</b> Triple Cylinder	65	647	65	STD	624M06500	624PS	94.83	2559CD	CW18	S280	Bearing: B1014 Gasket: W5325 Con. Rod: Mag/Center: 02540 PTO: 02541 Sleeve: 1992-96: FL5191
	x	656	65.5	0.50	624M06550	624P2	(D0965)	2579CD			
	65	665	66	1.00	624M06600	624P4		2598CD			
		675	66.5	1.50	624M06650	624P6	104.32	2618CD			
		685	67	2.00	624M06700	624P8	(D9526)	2638CD 25.95 (D7551)			
<b>700cc All models</b> Twin Cylinder	81	700	81	STD	700M08100	700PS	99.55	3189TD	CW20	S512	Bearing: B1039 Gasket: W5523 Con. Rod: 02544 Sleeve: Hurricane: FL5300 All Others: FL5341
	x	710	81.5	0.50	700M08150	700P2	(D3795)	3209TD			
	68	718	82	1.00	700M08200	700P4		3228TD			
		726	82.5	1.50	700M08250	700P6	109.51	3248TD			
		734	83	2.00	700M08300	700P8	(D0756)	3268TD 26.95 (D7161)			
<b>750cc All models</b> Triple Cylinder	69.75	744	69.75	STD	633M06975	633PS	98.62	2746CD	CW18	S343	Bearing: B1014 Gasket: W5385 71.25mm-72mm: W5436 Con. Rod: Mag/Center: 02540 PTO: 02541 Sleeve: FL5239
	x	755	70.25	0.50	633M07025	633P2	(D7195)	2766CD			
	65	766	70.75	1.00	633M07075	633P4		2786CD			
		777	71.25	1.50	633M07125	633P6	108.48	2805CD			
		783	71.5	1.75	633M07150	674P7	(D9056)	2815CD			
		795	72	2.25	633M07200	633P9		2835CD 25.95 (D7551)			
<b>777cc</b> <b>Octane 2002-04</b> <b>Virage 'i 2002-04</b>	84	775.8	84	STD	811M08400	-	120.00	8400KB	CW22	S662	Bearing: - Gasket: - Con. Rod: - Sleeve: FL5416
	x	785.1	84.5	0.50	811M08450	-	(D0027)	8450KB			
	70	794.4	85	1.00	811M08500	-		8500KB			
		799.1	85.25	1.25	811M08525	-	132.00	8525KB 28.95 (D7371)			
Twin Cylinder											
<b>777cc</b> <b>Octane 2002-04</b>	85	794.4	85	1.00	812M08500	-	140.00	8500KB	CW22	S662	Bearing: - Gasket: - Con. Rod: - Sleeve: FL5416
	x						(D0048)				
Twin Cylinder Electra Coated	70	779.1	85.25	1.25	812M08525	-	154.00	8525KB			
							(D0492)	28.95 (D7371)			
<b>780cc 1995-97 All models</b> Triple Cylinder	71.3	783	71.5	0.20	633M07150	674P1	108.48	2815CD	CW18	S343	Bearing: B1014 Gasket: W5555 Con. Rod: Mag/Center: 02540 PTO: 02541 Sleeve: FL5302
	x						(D9056)				
	65	794	72	0.71	633M07200	633P9		2835CD 25.95 (D7551)			
<b>785cc SLX Pro 1997-01</b> Triple Cylinder	69.7	779	69.7	STD	722M06970	722PS	108.48	2746CD	CW18	S343	Bearing: B1014 Gasket: W5669 Con. Rod: Mag/Center: 02540 PTO: 02541 Sleeve: 1997-01: FL5342
	x						(D9056)	25.95 (D7551)			
	68										
XPS coated											
• Nikasil Bore - Cylinder sleeving or replating required for oversizes.											
<b>900cc All models</b> Triple Cylinder	74.5	889	74.5	STD	687M07450	687PS	99.55	2933TD	CW20	S512	Bearing: B1039 Gasket: W5524 Con. Rod: 02544 Sleeve: FL5305
	x	901	75	0.50	687M07500	687P2	(D3795)	2953TD			
	68	913	75.5	1.00	687M07550	687P4		2973TD			
		925	76	1.50	687M07600	687P6	109.51	2992TD			
		937	76.5	2.00	687M07650	687P8	(D0756)	3012TD 26.95 (D7161)			
<b>1050cc All models</b> Triple Cylinder	81	1051	81	STD	781M08100	680PS	99.55	8100LF	CW20	S512	Bearing: B1039 Gasket: W5525 Con. Rod: 02544 Sleeve: FL5297
	x	1064	81.5	0.50	781M08150	680P2	(D3795)	8150LF			
	68	1077	82	1.00	781M08200	680P4		8200LF			
		1090	82.5	1.50	781M08250	680P6	109.51	8250LF			
		1102	83	2.00	781M08300	680P8	(D0756)	8300LF 34.95 (D7902)			



# PERSONAL WATERCRAFT

Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories <i>Bearings &amp; Gaskets are all Top End</i>
<b>Polaris</b>											
<b>1200cc</b> <b>Pro 1200 2000-01</b> <b>Virage TX 2000-03</b> <b>Virage TXI 2001-03</b> <b>SLX 2000-01</b> <b>Genesis All Models 1999-02</b> <b>X45 1999</b> Triple Cylinder	84 x 70	1163.8 1177.7 1191.6 1198.7	84 84.5 85 85.25	STD 0.50 1.00 1.25	811M08400 811M08450 811M08500 811M08525	- - - -	120.00 (D0027) 132.00 (D0297)	8400KB 8450KB 8500KB 8525KB 28.95 (D7371)	CW22	S539	Bearing: - Gasket: - Con. Rod: - Sleeve: FL5416
<b>1200cc</b> <b>Pro 1200 2000-01</b> <b>Virage TX 2000-03</b> <b>Virage TXI 2001-03</b> <b>SLX 2000-01</b> <b>Genesis All Models 1999-02</b> <b>X45 1999</b> Triple Cylinder Electra Coated • Special Low Dome Race Part - Head modifications required. • Factory Polaris: Race part only	85 x 70	1191.6 1198.7	85 85.25	1.00 1.25	812M08500 812M08525	- -	140.00 (D0048) 154.00 (D0429)	8500KB 8525KB 28.95 (D7371)	CW22	S539	Bearing: - Gasket: - Con. Rod: - Sleeve: FL5416
<b>Sea-Doo</b>											
<b>580cc All models</b> Twin Cylinder  XPS coated	76 x 64	580 588 595 602	76 76.5 77 77.5	STD 0.50 1.00 1.50	734M07600 734M07650 734M07700 734M07750	734PS 734P2 734P4 734P6	113.40 (D4086) 124.74 (D4847)	2992TD 3012TD 3032TD 3051TD 26.95 (D7161)	CW18	S477	Bearing: B1003 Gasket: W5450 Con. Rod: 02522 Sleeve: 1988: FL5102 1982-96: FL5125 Short Finger Port
<b>650cc All models</b> Twin Cylinder	78 x 68	650 658 666 674	78 78.5 79 80	STD 0.50 1.00 2.00	663M07800 663M07850 663M07900 663M08000	663PS 663P2 663P4 663P8	109.05 (D4456) 119.95 (D7917)	3071LK 3091LK 3110LK 3150LK 34.95 (D7902)	CW20	S512	Bearing: 1995-96: B1039 Gasket: W5384 Con. Rod: 02533 Sleeve: FL5244
<b>718cc All models</b> Twin Cylinder  Stock Style Ring (L-Ring) • IJSBA Limited Class Legal	82 x 68	718 726 735 744 754	82 82.5 83 83.5 84	STD 0.50 1.00 1.50 2.00	775M08200 775M08250 775M08300 775M08350 775M08400	660PS 660P2 660P4 660P6 660P8	109.05 (D4456) 119.95 (D7917)	8200LF 8250LF 8300LF 8350LF 8400LF 34.95 (D7902)	CW20	S461	Bearing: B1071 Gasket: W5460 Con. Rod: Mag: 02534 PTO: 02536 Sleeve: FL5268
<b>780cc All models</b> Twin Cylinder  Stock Style Ring (L-Ring) *Must gap rings (800cc Class Legal) • IJSBA Limited Class Legal	82 x 74	780 785 791 800 801 810 820	82 82.1 82.5 82.96 83 83.5 84	STD 0.10 0.50 0.96 1.00 1.50 2.00	779M08200 779M08210 779M08250 *779M08296 779M08300 779M08350 779M08400	661PS 661P04 661P2 - 661P4 661P6 661P8	109.05 (D4456) 119.95 (D7917)	8200LF 8210LF 8250LF *8300LF 8300LF 8350LF 8400LF 34.95 (D7902)	CW20	S461	Bearing: B1072 Gasket: W5556 Con. Rod: 02537 Sleeve: FL5290
<b>780cc All models</b> Twin Cylinder Half-Keystone Ring (non L-Ring) Electra Coated	82 x 74	780 785 791 800	82 82.1 82.5 82.96	STD 0.10 0.50 0.96	778M08200 778M08210 778M08250 778M08296	- - - -	119.82 (D9817)	8200KB 8200KB 8250KB 8300KB 28.95 (D7371)	CW20	S461	Bearing: B1072 Gasket: W5556 Con. Rod: 02537 Sleeve: FL5290
<b>950cc All models</b> Twin Cylinder  • Cylinder sleeving and Crankcase cleanup required for 91mm bore.	88 x 78.2	951 960 971 982 993 1017	88 88.5 89 89.4 90 91	STD 0.50 1.00 1.40 2.00 3.00	716M08800 716M08850 716M08900 716M08940 716M09000 716M09100	716PS 716P2 716P4 716P6 716P8 716P12	124.76 (D5847) 137.24 (D4328)	3464KD 3484KD 3503KD 3520KD 3544KD 3584KD 28.95 (D7371)	CW21	S568	Bearing: B1081 Gasket: 90mm (carb): W5574 90mm (DI): W6250 91mm (carb): W5782 91mm (DI): W6249 Con. Rod: 02542 Sleeve: FL5322



# PERSONAL WATERCRAFT

Model	Bore (mm) x Stroke (mm)	Displ. (cc)	Bore Size (mm)	Over Sizes (mm)	New Wiseco Piston Part No.	Previous Wiseco Piston Part No.	Price Per Piston	Repl. Ring Set	Repl. Circlips	Repl. Wrist Pin	Optional Accessories <i>Bearings &amp; Gaskets are all Top End</i>
<b>Wet Jet</b>											
<b>700cc 1995-97 Duo ZX, Kraze</b> Twin Cylinder High temperature	81 x 68	701 710 718 726 735 753	81 81.5 82 82.5 83 84	STD 0.50 1.00 1.50 2.00 3.00	790M08100 790M08150 790M08200 790M08250 790M08300 790M08400	708PS 708P2 708P4 708P6 708P8 708P10	110.12 (D8066)  121.15 (D9627)  28.95 (D7371)	3189KD 3207KD 3228KD 3248KD 3268KD 3307KD	CW20	S631	Bearing: B1031 Gasket: W5543 Con. Rod: - Sleeve: -
<b>Yamaha</b>											
<b>500cc All models</b> Twin Cylinder	72 x 61	496 503 509 517	72 72.5 73 73.5	STD 0.50 1.00 1.50	586M07200 586M07250 586M07300 586M07350	586PS 586P2 586P4 586P6	83.77 (D6205)  92.14 (D9255) 25.95 (D7551)	2835CD 2854CD 2874CD 2894CD	CW20	S478	Bearing: - Gasket: W5235 Head Gasket Con. Rod: - Sleeve: YA5025
<b>650cc All models</b> Twin Cylinder	77 x 68	633 641 649 658 667	77 77.5 78 78.5 79	STD 0.50 1.00 1.50 2.00	602M07700 602M07750 602M07800 602M07850 602M07900	602PS 602P2 602P4 602P6 602P8	83.77 (D6205)  92.14 (D9255) 26.95 (D7161)	3032TD 3051TD 3071TD 3091TD 3110TD	CW20	S423	Bearing: B1023 Gasket: W5300 Con. Rod: 02531 Sleeve: YA5176
<b>701cc All models</b> Twin Cylinder	81 x 68	701 710 718 726 735 753	81 81.5 82 82.5 83 84	STD 0.50 1.00 1.50 2.00 3.00	790M08100 790M08150 790M08200 790M08250 790M08300 790M08400	708PS 708P2 708P4 708P6 708P8 708P10	110.12 (D8066)  121.15 (D9627)  28.95 (D7371)	3189KD 3207KD 3228KD 3248KD 3268KD 3307KD	CW20	S631	Bearing: B1031 Gasket: W5494 84mm: W5495 Con. Rod: 02531 Sleeve: 1995-98 Raider, Super Jet: YA5187 1995-97 Raider: YA5284
<b>760cc All models</b> Twin Cylinder  • Cylinder sleeving required for 85.5mm & 86mm bore.	84 x 68	754 763 771 780 789	84 84.5 85 85.5 86	STD 0.50 1.00 1.50 2.00	757M08400 757M08450 757M08500 757M08550 757M08600	710PS 710P2 710P4 710P6 710P8	112.23 (D4376)  123.46 (D7047) 28.95 (D7371)	3307KD 3327KD 3347KD 3368KD 3386KD	CW20	S631	Bearing: B1031 Gasket: W5526 85.5mm-86mm: W5527 Con. Rod: 02531 Sleeve: YA5304
<b>784cc GP800 All Years</b> Twin Cylinder  Ceramic Composite Bore	80 x 78	784	80	STD	758M08000	724PS	110.12 (D8066) 28.95 (D7371)	3150KD	CW22	S640	Bearing: B1074 Gasket: W5670 Con. Rod: 02543 Sleeve: YA5356
<b>1100cc WaveRaider 1100 1995-97 WaveVenture 1996-97</b> Triple Cylinder	81 x 68	1051 1064 1077 1090 1104	81 81.5 82 82.5 83	STD 0.50 1.00 1.50 2.00	791M08100 791M08150 791M08200 791M08250 791M08300	709PS 709P2 709P4 709P6 709P8	110.12 (D8066)  121.15 (D9627) 28.95 (D7371)	3189KD 3207KD 3228KD 3248KD 3268KD	CW20	S631	Bearing: B1031 Gasket: W5462 Con. Rod: 02531 Sleeve: FL5282
<b>1200cc WaveRunner GP1200 1997-02</b> Triple Cylinder	84 x 68	1131 1142 1156 1169 1184	84 84.5 85 85.5 86	STD 0.50 1.00 1.50 2.00	757M08400 757M08450 757M08500 757M08550 757M08600	710PS 710P2 710P4 710P6 710P8	112.23 (D4376)  123.45 (D7047) 28.95 (D7371)	3307KD 3327KD 3347KD 3366KD 3386KD	CW20	S631	Bearing: B1031 Gasket: W5570 Con. Rod: YA5349 Sleeve: YA5349
<b>1200cc GP1200R 2000-02</b> Triple Cylinder  Ceramic Composite Bore	80 x 78	1198	80	STD	758M08000	724PS	110.12 (D8066) 28.95 (D7371)	3150KD	CW22	S640	Bearing: B1074 Gasket: TBA Con. Rod: 02543 Sleeve: YA5469

# NIKS Piston Kits and Ring Sets Personal Watercraft



Model	PISTON KITS				RING SET			WRIST PIN BEARING	
	Size	mm	Part No.	List Price	Size	Part No.	List Price		
<b>JS-440 through 1992</b> O.E.M. Reference: Piston #13001-3017 Ring #13003-3014	Std.	68.00mm	<b>4450</b>	\$80.27	Std.	<b>4450R</b>	\$23.04	<b>01312</b>	
	.010	68.25mm	<b>4451</b>		.010	<b>4451R</b>		\$11.98	
	.020	68.50mm	<b>4452</b>		.020	<b>4452R</b>		(O.E.M. #	
	.030	68.75mm	<b>4453</b>		.030	<b>4453R</b>		13033-	
	.040	69.00mm	<b>4454</b>		.040	<b>4454R</b>		3005)	
	.050	69.25mm	<b>4455</b>		.050	<b>4455R</b>			
	.060	69.50mm	<b>4456</b>		.060	<b>4456R</b>			
	.070	69.75mm	<b>4457</b>		.070	<b>4457R</b>			
	.080	70.00mm	<b>4458</b>	D61P84	.080	<b>4458R</b>	D28P31	D91P7	
<b>JS-550 through 1995</b> O.E.M. Reference: Piston #13001-3704 Ring #13008-3703  *Crankcase clean-up required for 76.25mm to 77mm piston kit.	Std.	75.00mm	<b>4460</b>	\$88.79	Std.	<b>4460R</b>	\$26.45	<b>01312</b>	
	.010	75.25mm	<b>4461</b>		.010	<b>4461R</b>		\$11.98	
	.020	75.50mm	<b>4462</b>		.020	<b>4462R</b>		(O.E.M. #	
	.030	75.75mm	<b>4463</b>		.030	<b>4463R</b>		13033-	
	.040	76.00mm	<b>4464</b>		.040	<b>4464R</b>		3005)	
	.050	76.25mm	<b>4465*</b>		.050	<b>4465R</b>			
	.060	76.50mm	<b>4466*</b>		.060	<b>4466R</b>			
	.070	76.75mm	<b>4467*</b>		.070	<b>4467R</b>			
	.080	77.00mm	<b>4468*</b>	D72P35	.080	<b>4468R</b>	D78P51	D91P7	
<b>JS-650 through 1996</b> <b>JS-300 through 1993</b> O.E.M. Reference: Piston #13001-3705 Ring #13008-3701  *Crankcase clean-up required for 77.25mm to 78mm piston kit.	Std.	76.00mm	<b>4470</b>	\$93.33	Std.	<b>4470R</b>	\$26.45	<b>01337</b>	
	.010	76.25mm	<b>4471</b>		.010	<b>4471R</b>		\$11.98	
	.020	76.50mm	<b>4472</b>		.020	<b>4472R</b>		(O.E.M. #	
	.030	76.75mm	<b>4473</b>		.030	<b>4473R</b>		13033-	
	.040	77.00mm	<b>4474</b>		.040	<b>4474R</b>		1010)	
	.050	77.25mm	<b>4475*</b>		.050	<b>4475R</b>			
	.060	77.50mm	<b>4476*</b>		.060	<b>4476R</b>			
	.070	77.75mm	<b>4477*</b>		.070	<b>4477R</b>			
	.080	78.00mm	<b>4478*</b>	D95P55	.080	<b>4478R</b>	D78P51	D91P7	
<b>JS-750 SS, Xi, SX, ST, XiR 1992-95</b> O.E.M. Reference: Piston #13001-3718 Ring #13008-3708 20mm Wrist Pin	Std.	80.00mm	<b>4480</b>	\$97.87	Std.	<b>4480R</b>	\$27.32	<b>01320</b>	
	.010	80.25mm	<b>4481</b>		.010	<b>4481R</b>		\$11.98	
	.020	80.50mm	<b>4482</b>		.020	<b>4482R</b>		(O.E.M. #	
	.030	80.75mm	<b>4483</b>		.030	<b>4483R</b>		13033-	
	.040	81.00mm	<b>4484</b>		.040	<b>4484R</b>		3702)	
	.050	81.25mm	<b>4485</b>		.050	<b>4485R</b>			
	.060	81.50mm	<b>4486</b>		.060	<b>4486R</b>			
	.070	81.75mm	<b>4487</b>		.070	<b>4487R</b>			
	.080	82.00mm	<b>4488</b>	D27P85	.080	<b>4488R</b>	D93P61	D91P7	
<b>JS-750 ZXi, SXi, SXi PRO, STX, STS, Xi sport 1995-02</b> O.E.M. Reference: Piston #13001-3725 Ring #13008-3708 22mm Wrist Pin	Std.	80.00mm	<b>4490</b>	\$106.57	Std.	<b>4480R</b>	\$27.32	<b>01326</b>	
	.010	80.25mm	<b>4491</b>		.010	<b>4481R</b>		\$15.57	
	.020	80.50mm	<b>4492</b>		.020	<b>4482R</b>		(O.E.M. #	
	.030	80.75mm	<b>4493</b>		.030	<b>4483R</b>		13033-	
	.040	81.00mm	<b>4494</b>		.040	<b>4484R</b>		3703)	
	.050	81.25mm	<b>4495</b>		.050	<b>4485R</b>			
	.060	81.50mm	<b>4496</b>	D49P36	.060	<b>4486R</b>	D93P61	D43P9	
	<b>800 SX-R 2003-04</b>	Std.	82.00mm	<b>4510</b>		Std.	<b>4510R</b>		<b>01326</b>
		.010	82.25mm	<b>4511</b>		.010	<b>4511R</b>		\$15.57
.020		82.50mm	<b>4512</b>		.020	<b>4512R</b>		(O.E.M. #	
.030		82.75mm	<b>4513</b>		.030	<b>4513R</b>		13033-3703)	
.040		83.00mm	<b>4514</b>		.040	<b>4514R</b>		D43P9	
<b>JH-900 ZXi 1995-97</b> <b>JT-900 STX 1997-04</b> <b>JS-900 STS 2001-02</b> O.E.M. Reference: Piston #13001-3720 Ring #13008-3709	Std.	73.00mm	<b>4500</b>	\$97.87	Std.	<b>4500R</b>	\$28.70	<b>01320</b>	
	.010	73.25mm	<b>4501</b>		.010	<b>4501R</b>		\$11.98	
	.020	73.50mm	<b>4502</b>		.020	<b>4502R</b>		(O.E.M. #	
	.030	73.75mm	<b>4503</b>		.030	<b>4503R</b>		13033-	
	.040	74.00mm	<b>4504</b>		.040	<b>4504R</b>		3702)	
	.050	74.25mm	<b>4505</b>		.050	<b>4505R</b>			
	.060	74.50mm	<b>4506</b>	D27P85	.060	<b>4506R</b>	D22P71	D91P7	



# NIKS Piston Kits and Ring Sets

## Personal Watercraft



Model	PISTON KITS				RING SET			WRIST PIN BEARING
	Size	mm	Part No.	List Price	Size	Part No.	List Price	
<b>KAWASAKI</b>								
JH-1100 ZXi 1996-03	Std.	80.00mm	4490	\$106.57	Std.	4480R	\$27.32	01326
JT-1100 STX 1997-99	.010	80.25mm	4491		.010	4481R		\$15.57
	.020	80.50mm	4492		.020	4482R		(O.E.M. #
O.E.M. Reference:	.030	80.75mm	4493		.030	4483R		13033-
Piston #13001-3725	.040	81.00mm	4494		.040	4484R		3703)
Ring #13008-3708	.050	81.25mm	4495		.050	4485R		
	.060	81.50mm	4496	D49P36	.060	4486R	D93P61	D43P9

### Replacement Rings for O.E.M. and PRO-X Pistons

Application	O.E.M. No.	Size	Part No.	Application	O.E.M. No.	Size	Part No.
440 thru '92	13003-3014	Std.— 2.00mm	4450R-4458R	800 '03-04	13008-3710	Std.— 1.00mm	4510R-4514R
550 thru '95	13008-3703	Std.— 2.00mm	4460R-4468R	900 thru '04	13008-3709	Std.— 1.50mm	4500R-4506R
650 thru '96	13008-3701	Std.— 2.00mm	4470R-4478R	1100 '96-03	13003-3708	Std.— 1.50mm	4480R-4486R
750 '92-02	13003-3708	Std.— 1.50mm	4480R-4486R				

Model	PISTON KITS				RING SET			WRIST PIN BEARING
	Size	mm	Part No.	List Price	Size	Part No.	List Price	
<b>SEA-DOO</b>								
Sea-Doo 580 1988-96	Std.	76.00mm	8020	\$117.25	Std.	8020R	\$27.32	01181
	.010	76.25mm	8021		.010	8021R		\$11.98
	.020	76.50mm	8022		.020	8022R		
	.030	76.75mm	8023		.030	8023R		
	.040	77.00mm	8024		.040	8024R		
	.060	77.50mm	8026	D53P07	.060	8026R	D93P61	D91P7
XP, HX, SPX, GTI, GTS, GS, GSI SP-750 (718cc) 1995-04	Std.	82.00mm	8040	\$117.25	Std.	8050R	\$27.32	01328
	.010	82.25mm	8041		.010	8051R		\$19.74
	.020	82.50mm	8042		.020	8052R		
	.030	82.75mm	8043		.030	8053R		
	.040	83.00mm	8044		.040	8054R		
	.060	83.50mm	8046	D53P07	.060	8056R	D93P61	D48P11
XP, GSX, GTX, SPX, GTX RFI 785 (782cc) R.A.V.E. 1995-04	Std.	82.00mm	8050	\$117.25	Std.	8050R	\$27.32	01328
	.010	82.25mm	8051		.010	8051R		\$19.74
	.020	82.50mm	8052		.020	8052R		
	.030	82.75mm	8053		.030	8053R		
	.040	83.00mm	8054		.040	8054R		
	.060	83.50mm	8056	D53P07	.060	8056R	D93P61	D48P11
SEA-DOO 951 1997-04 GSX, XP, GTX, RX, LRV	Std.	88.00mm	8060	\$126.43	Std.	8060R	\$33.58	01242
	.010	88.25mm	8061		.010	8061R		\$19.72
	.020	88.50mm	8062		.020	8062R		
	.030	88.75mm	8063		.030	8063R		
	.040	89.00mm	8064	D68P57	.040	8064R	D51P02	D38P11

Model	PISTON KITS				RING SET			WRIST PIN BEARING
	Size	mm	Part No.	List Price	Size	Part No.	List Price	
<b>YAMAHA</b>								
Wave Runner, LX, III, VXR 650 Superjet 650 1990-96 633cc Twin	Std.	77.00mm	7100	\$89.71	Std.	7100R	\$28.70	01252
	.010	77.25mm	7101		.010	7101R		\$11.98
	.020	77.50mm	7102		.020	7102R		
O.E.M. Piston #6M6-11631-00	.030	77.75mm	7103		.030	7103R		
O.E.M. Ring #6M6-11601-00	.040	78.00mm	7104		.040	7104R		
	.050	78.25mm	7105		.050	7105R		
	.060	78.50mm	7106	D38P35	.060	7106R	D22P71	D91P7
Wave Runner, II, III GP, PRO VXR Wave Blaster, Superjet Wave Raider, DX, FX700 Wave Venture, XL700 701cc Twin 1993-04	Std.	81.00mm	7090	\$101.95	Std.	7090R	\$27.32	01252
	.010	81.25mm	7091		.010	7091R		\$11.98
	.020	81.50mm	7092		.020	7092R		
	.030	81.75mm	7093		.030	7093R		
	.040	82.00mm	7094		.040	7094R		
O.E.M. Piston #61X-11631-00-93	.060	82.50mm	7096		.060	7096R		
O.E.M. Ring #61X-11603-00	.080	83.00mm	7098	D71P16	.080	7098R	D93P61	D91P7

# NIKS Piston Kits and Ring Sets Personal Watercraft



Model	YAMAHA		PISTON KITS		RING SET		WRIST PIN BEARING	
			Size	mm	Part No.	List Price		Size
Wave Runner GP760	Std.	84.00mm	7110	\$106.57	Std.	7110R	\$27.32	01252
Wave Blaster, II, XL760	.010	84.25mm	7111		.010	7111R		\$11.98
Wave Raider, Wave Venture	.020	84.50mm	7112		.020	7112R		
754cc Twin 1996-00	.030	84.75mm	7113		.030	7113R		
O.E.M. Piston #65U-11631-00	.040	85.00mm	7114		.040	7114R		
O.E.M. Ring #65U-11603-00	.060	85.50mm	7116		.060	7116R		
#64X-11603-00	.080	86.00mm	7118	D49P36	.080	7118R	D93P61	D91P7
GP 800R 1998-04	Std.	79.90mm	7170A	\$126.99	Std.	7170R	\$28.48	01343
XL 800 2000-01	Std.	79.91mm	7170B		Std.	7170R		\$11.98
XLT 800 2002-04 784cc Twin	Std.	79.92mm	7170C	D98P57	Std.	7170R	D90P71	D91P7
Wave Venture 1100 1996-97	Std.	81.00mm	7120	\$112.15	Std.	7090R	\$27.32	01252
Wave Raider 1100 1995-96	.010	81.25mm	7121		.010	7091R		\$11.98
1051cc Triple	.020	81.50mm	7122		.020	7092R		
O.E.M. Piston #63M-11631-00	.030	81.75mm	7123		.030	7093R		
O.E.M. Ring #61X-11603-00	.040	82.00mm	7124		.040	7094R		
	.060	82.50mm	7126		.060	7096R		
	.080	83.00mm	7128	D92P76	.080	7098R	D93P61	D91P7
FX-140 2003-04	Std.	73.97mm	7200A		Std.	7200R		
1052cc 4-Cylinder 4-Stroke	Std.	73.98mm	7200B		Std.	7200R		
	Std.	73.99mm	7200C		Std.	7200R		
	.020	74.50mm	7202		.020	7202R		
	.040	75.00mm	7204		.040	7204R		
GP 1200 1997-99	Std.	84.00mm	7110	\$106.57	Std.	7110R	\$27.32	01252
SUV 1200 1999-04	.010	84.25mm	7111		.010	7111R		\$11.98
1131cc Triple	.020	84.50mm	7112		.020	7112R		
O.E.M. Piston #65U-11631-00-89	.030	84.75mm	7113		.030	7113R		
O.E.M. Ring #65U-11603-00	.040	85.00mm	7114		.040	7114R		
#64X-11603-00	.060	85.50mm	7116		.060	7116R		
	.080	86.00mm	7118	D49P36	.080	7118R	D93P61	D91P7
GP1200R 2000-02	Std.	79.90mm	7170A	\$126.99	Std.	7170R	\$28.48	01343
XL1200 LTD 1998-00	Std.	79.91mm	7170B		Std.	7170R		\$11.98
XLT1200 2001-04 1176cc Triple	Std.	79.92mm	7170C	D98P57	Std.	7170R	D90P71	D91P7
GP1300R 2003-04	Std.	83.90mm	7190A	\$185.00	Std.	7190R	\$27.92	
1296cc Triple	Std.	83.91mm	7190B		Std.	7190R		
	Std.	83.92mm	7190C	D00P111	Std.	7190R	D57P61	

## Replacement Rings for O.E.M. and PRO-X Pistons - YAMAHA

Application	O.E.M. No.	Sizes	Part No.	Application	O.E.M. No.	Sizes	Part No.
650 thru '96	6M6-11601-00	Std. — 1.50mm	7100R-7106R	1100 thru '97	61X-11603-00	Std. — 2.00mm	7090R-7098R
701 thru '04	61X-11603-00	Std. — 2.00mm	7090R-7098R	760 thru '00, 1200 thru '04	65U-11603-00	Std. — 2.00mm	7110R-7118R
800 thru '04	66E-11603-00	Std.	7170R	1300 '03-04	60T-11603-00	Std.	7190R
1050 '03-04	4XV-11603-00	Std. — 1.00mm	7200R-7204R				





## Ratchet End Combination Wrench

Part No.	Size
MP08-104	10mm
MP08-105	11mm
MP08-106	12mm
MP08-107	13mm
MP08-108	14mm
MP08-109	15mm
MP08-110	17mm
MP08-111	19mm
MP08-112	Wrench set (Set of 8)

Ratchet end combination wrenches made of quality forged Chrome-Vanadium tool steel. They feature an open end wrench on one end and a 15 degree offset ratcheting 12 point box end on the other. The ratchet is reversible, with ratchet gears made of SCM-21 tool steel. This handy tool is finished in a hard Nickel-Pewter. All wrenches come with a lifetime warranty.



## T-Handle Deep Sockets

Part No.	Size
MP08-093	8mm
MP08-094	10mm
MP08-095	12mm
MP08-096	13mm
MP08-097	14mm
MP08-098	17mm
MP08-099	19mm
MP08-113	Set of 7
MP08-114	Rack for Set

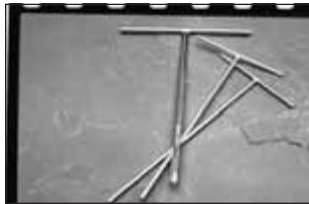


or in complete set of seven. (Set includes Hold-A-Nut magnetic inserts.) All wrenches come with a lifetime warranty. Custom aluminum rack for hanging T-handles is also available, sold separately.

T-Handle Deep Sockets feature Chrome-Vanadium tool steel deep 6 point sockets and a carbon steel T-style handle. Nickel-Pewter finish similar to the Ratchet Wrenches brings a new look and feel to the traditional T-handle sockets. Deep sockets allow for nuts to be driven over long threaded bolts. The hex socket extends only part way inside, allowing the nut to be held in the socket. The slim as possible outer diameter of the sockets allows them to fit into tight areas such as side panels and motor mounts. Metric sizes only. Sold individually

## Mini Pro T-Handles

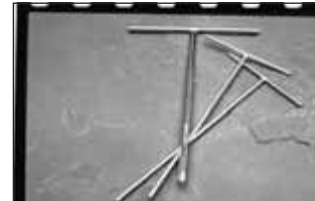
Part No.	Size
MP08-128	8mm
MP08-129	10mm
MP08-130	12mm
MP08-131	Set of 3



Mini T-Handle deep sockets manufactured from the same material as full-length T-Handles. Convenient (175mm), 6-3/4" shaft length is ideal for quick use and easy storage. Available in 8, 10 and 12mm.

## T-Handle Phillips Screwdrivers

Part No.	Description
MP08-101	#1 Phillips
MP08-102	#2 Phillips
MP08-103	#3 Phillips



T-Handle Screwdrivers have the same features as the T-Handle Sockets listed above. They feature Chrome-Vanadium steel shafts with Phillips bits in 3 sizes. Pewter finish to match the sockets and ratchet wrenches. Sold individually.

## Leak Down Tester

Part No. MP08-071

Leak down tester for checking possible air leaks on two-stroke engines. Air leaks through seals or gaskets can cause serious problems with improper air mixture. This is the main cause of piston seizure, detonation or improper carburetor jetting. Tester is complete with air pressure gauge, pump up bulb and all fittings and adapters for single and twin cylinder two cycle motorcycle engines. Packed in a handy carrying box. Complete with instructions.



## Degree Wheel

Part No. MP08-092

Degree wheel is manufactured from .052 thick aluminum with a 6-3/4" outside diameter and a 6mm center hole. The black anodized finish allows for easy to read increments. This degree wheel can be used on all motorcycles to check or set up ignition timing. May also be used on four-stroke engines to check or alter cam timing.



## Piston Pin Tool

Part No. MP08-068

Top quality shop tool for removing pressed in piston pins from pistons. May be used with engine in frame, on single or multi cylinder engines. Fits all piston sizes from 40mm (1-5/8") to 100mm (4") and all piston pins from 12mm (1/2") to 25mm (1"), this includes all single cylinder engines from 50cc to 600cc and all sizes two, three, or four cylinder. Will not damage piston during removal.





MILLIMETER/INCH CONVERSION CHART

Table with 10 columns (mm, Inches) and 25 rows of conversion data.

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Los Angeles Sleeve Co. warrants this product will be free from defects in material and workmanship for thirty (30) days following date of original purchase.

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This limited warranty does not apply to any product which has been subject to misuse, mishandling, misapplication, neglect (including but not limited to improper maintenance), accident, improper installation, modification (including but not limited to use of unauthorized parts or attachments), or adjustment or repair performed by anyone other than LOS ANGELES SLEEVE CO.

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