



SNOWMOBILE CATALOG



2024



SLEEVES: Los Angeles Sleeve Co. manufactures cast iron cylinder sleeves for all popular makes and models. Engine rebuilders find they can rely on the quality and workmanship of **LASCO** cylinder sleeves, and their use saves them time and money. The castings used in the manufacture of these sleeves are made from an iron alloy and hardness specifically formulated for cylinder sleeves, 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 **TYPE** column, next to the sleeve part number, will help the rebuilder identify the cylinder that is to be sleeved.

The **TYPE** column designation will also help the rebuilder to determine the proper installation procedure.

Save your cylinder at about half the cost of a new cylinder.

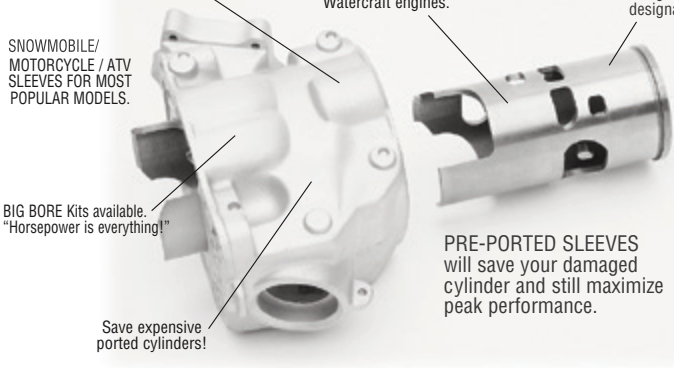
SNOWMOBILE/
MOTORCYCLE / ATV
SLEEVES FOR MOST
POPULAR MODELS.

BIG BORE Kits available.
"Horsepower is everything!"

Save expensive
ported cylinders!

Centrifugal cast iron sleeves are made for all popular makes and model MX, Street, Dirt, ATV Marine, Snowboard and Watercraft engines.

Each cylinder sleeve is designed to best suit its designated cylinder.



PRE-PORTED SLEEVES
will save your damaged
cylinder and still maximize
peak performance.

TYPE 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.
- L** - Limited inventory available. Once inventory of this part number is depleted the sleeve will be made to order. Call for inventory status and/or delivery lead times.
- MO** - Sleeve is made to order. Limited inventory may be in stock. Call for inventory status and/or delivery lead times.
- NA** - This sleeve part number is no longer produced and not available for production.
- BB** - Big Bore Sleeve may require special machining and/or machining of cases or cylinder head.

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.



SLEEVE					WISECO				PRO X	
					Piston	Kit	mm	Size	Piston	
Model	ARCTIC CAT	cc/ Cyl.	I.D.	★	(SUZUKI)					
Z 370 1999-07 Z 370ES 2000-03 Z 370LX 2004-07 Panther 370 2001, 2004-08	Fan Cooled	367cc Twin 60mm	2.362"	AC	FL-1245	2454M06000	SK1386	60.00	Std.	
Blast 4000 2021-24 LT, M, XR, ZR	Liquid-Cooled CYL. #1904-011 EFI, Power Valve	397cc Single 85mm	3.346"	AC	FL-1332					
440 El Tigre 4000	Fan Cooled	431cc Twin 65mm	2.559"	AC	FL-1138	2300M06500		65.00	Std.	
Trail Cat 4000 1980 440 Panther (AK-44) 1980-81, 1989-02 440 Bearcat 1996-2000 440 Jag, SuperJag, AFS 1987-99 Z 440 1995-98	Fan Cooled	431cc Twin 65mm	2.559"	AC	FL-1120					
Z 440 1999-02 Z 440ES 2000-02 Z 440ESR 2003 Z 440LX 2004-06	Fan Cooled	431cc Twin 65mm	2.559"	AC	FL-1246					
El Tigre 5000 1985-88 Pantera 440 1985-88	Liquid Cooled	436cc Twin 68mm	2.677"	AC	FL-1096	2268M06800		68.00	Std.	
Pantera 440 (AJ-44) 1990-93 Prowler 440 (AJ-44) 1990-92	Liq. Cooled	436cc Twin 68mm	2.677"	AC	FL-1173	2332M06800		68.00	Std.	
Prowler 440 Special 1992-93	Liq. Cooled	436cc Twin 68mm	2.677"	AC	FL-1188					
Prowler 440 1993-94	Liquid Cooled	436cc Twin 68mm	2.677"	AC	FL-1195					
Cougar 440 (AL-44) 1994	Liquid Cooled	436cc Twin 68mm	2.677"	AC	FL-1173					
ZR 440 (AN-49) 1994-95	Liquid Cooled	436cc Twin 68mm	2.677"	AC	FL-1201					
ZR 440 1996-98	Liquid Cooled	438cc Twin 66.5mm	2.618"	AC	FL-1218	2390M06650	SK1260	66.50	Std.	
ZR 4000 LXR, RR 2015-17	Liquid Cooled	499cc Twin 71mm	2.796"	AC	FL-1272					
5000 Series 1976-78	Fan Cooled	500cc Twin 70mm	2.755"	AC	FL-1094					
5000 Series 1978-80	Free Air (6 Port)	500cc Twin 70mm	2.755"	AC	FL-1095					
Cougar 5000 1985	Fan Cooled	500cc Twin 70mm	2.755"	AC	FL-1094					
Cougar 5000 1986-90 Cheetah 5000 1986-90	Fan Cooled (6 Port)	500cc Twin 70mm	2.755"	AC	FL-1159					
Panther 5000 1986-88	Fan Cooled	500cc Twin 70mm	2.755"	AC	FL-1094					
6000 Series 440 1978-79	Liquid Cooled	436cc Twin 68mm	2.677"	AC	FL-1096	2268M06800		68.00	Std.	
6000 Series 500 1980-81, 1984-86	Liquid Cooled	500cc Twin 70mm	2.755"	AC	FL-1105					
ZR/ZL500, ZR/ZL500 EFI 1998-00 Powder Special 500 1999-2000		497cc Twin 71mm	2.796"	AC	FL-1234	2393M07100	SK1261	71.00	Std.	01.5597.000
ZR/ZL500, ZR/ZL500 EFI 2001-02 Mountaincat 500 2001-02 (88BB) (Power Valve Models)	Liquid Cooled	497cc Twin 71mm	2.796"	AC	FL-1247					
F5 500 Firecat 2003-14 M5 500 Mountaincat 2005-06 Crossfire 5 2007-09 F5 500 Firecat 2003-14 LXR 2007-12 SaberCat 500 2004-06 Sno Pro 500 2010-14 ZR 4000 LXR, RR 2015-17	Liquid Cooled	499cc Twin 71mm	2.796"	AC	FL-1272	2438M07100	SK1330	71.00	Std.	
El Tigre 6000 1986-90 Cheetah 530 1986-88	Liquid Cooled	529cc Twin 72mm	2.835"	AC	FL-1146			72.00	Std.	
530 El Tigre EXT 1989	Liquid Cooled	529cc Twin 72mm	2.835"	AC	FL-1168					
530 El Tigre EXT 1990-91	Liquid Cooled	529cc Twin 72mm	2.835"	AC	FL-1174					

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



SLEEVE					WISECO			PRO X	
					Piston	Kit	mm	Size	Piston
Model	ARCTIC CAT	cc/ Cyl.	I.D.	★	(SUZUKI)				
540 Bearcat XT 2018-19	Fan Cooled CYL. #3030728	540cc Twin 73mm	2.874"	CI	FL-1321				
550 EXT Special, Mountain Cat, Cougar, Bearcat 1991-02 (AA-55) Pantera 550 1993-94, 2002-05 Panther 1997-01, ZL550, ESR 2000-03	Liquid Cooled	550cc Twin 73.4mm	2.889"	AC	FL-1177	2338M07340	SK1101	73.40	Std.
EXT 580Z, Mountain Cat 1993-94	Liquid Cooled	580cc Twin 75.4mm	2.968"	AC	FL-1192	2348M07540	SK1141	75.40	Std. 01.5593.000
EXT 580, Mountain Cat 1995-98 ZR 580 1994-97	Liquid Cooled (3 Port Exhaust)	580cc Twin 75.4mm	2.968"	AC	FL-1203				
580 Pantera (AA-58) 1995-01 EXT DLX 1998 ZL 580 2000	Liquid Cooled	580cc Twin 75.4mm	2.968"	AC	FL-1192				
Z570 2002-07 F570 2008-14, T570 '08-14 Bearcat 570 2004-14 Bearcat 2000 2015-20 Lynx 2000 2015-20 Mountaincat 570 2002-04 Panther 570 2002-07	Fan Cooled	565cc Twin 73.8mm	2.905"	AC	FL-1269				
ZRT 600 1996-01 EXT 600 1997 Powder Extreme 1997-98 Triple Touring 1999-01	Liquid Cooled	594cc Triple 66.5mm	2.618"	AC	FL-1212	2338M07340	SK1189	66.50	Std.
ZR 600 1998-00 Powder Special 600 1998-00 (88B6) ZL600 1999-00 (Bridged Exhaust)	Liquid Cooled	599cc Triple 8mm	3.070"	AC	FL-1235	2391M07800 (Not for 2000 Models)	SK1263	78.00	Std. 01.5698.000
ZL 600, EFI, ESR, SS 2001-03 ZR600 2001-02 Mountain Cat 600 EFI 2001-05 Pantera 600 EFI 2002-05 (88BA)	Liq. Cooled	599cc Twin 78mm	3.070"	AC	FL-1271	2427M07800	SK1316	78.00	Std. 01.5601.000
CF6 600 Firecat 2004-11 M6 600 Mountaincat 2007-11 Crossfire 6 2006-11 LXR 2007-09 Sabercat 600 2004-06 Sno Pro 600 2007-11	Liquid Cooled	599cc Twin 73.8mm	2.906"	AC	FL-1285	2445M07380	SK1384	73.80	Std.
Sno Pro 600 Green 2009-13 Sno Pro 600 Cross Country Green 2010-13 Sno Pro R, Cross Country Green 2013 ZR 6000 Sno Pro R Green 2014 ZR 6000R SX Green 2015-18	Liquid Cooled	599cc Twin 73.8mm	2.906"	AC	FL-1319	2445M07380		73.80	Std.
M6000 2014-20 XF6000 2015-19 ZR 6000 El Tigre 2014-18 ZR 6000 Sno Pro ES, RR 2015-20 ZR 6000 LTD ES 2015-23 ZR 6000 LXR 2015-17 ZR 6000 R XC 2018-23 Norseman 6000 2019 Pantera 6000 2019 Riot 6000 2020-22	Liquid-Cooled CYL. #1904-005 Mono-Block C-TEC2	599cc Twin 73.8mm	2.906"	AC	FL-1320			73.80	Std. 01.5614.000
650 Wildcat 1988-90	Liquid Cooled	650cc Twin 78mm	3.070"	AC	FL-1160	2323M07800	SK1054	78.00	Std.
<i>Special Heavy O.D. Sleeve</i> O.D. 3.310" Allows bore to 701cc		78mm — 81mm		AC	FL-1160H	2370M08100 (701cc, Must use "H" style sleeve)	SK1195	81.00	.120
Wildcat, Mountain Cat 700 1991-96 (AC-70)	Liquid Cooled	700cc Twin 81mm	3.189"	AC	FL-1178	2370M08100 2370M08200	SK1195 SK1196	81.00 82.00	Std. .040
<i>Big Bore to 790cc</i>		790cc Twin 86mm	3.138"	AC	FL-1178B				
F7 Firecat EFI 700 2003-06 Sabercat 700 2004-06 M7 Mountaincat 700 2005-06 Crossfire 7 2006	Liquid Cooled	698cc Twin 79.7mm	3.138"	AC	FL-1273	2410M07970	SK1328	79.70	Std. 01.5703.000

Metric conversion: 1mm = .03937"



SLEEVE	WISECO			PRO X
	Piston	Kit	mm	Size

Model	ARCTIC CAT	cc/ Cyl. I.D.	★	(SUZUKI)					
☐ ZR 700 1994-96 (AB-70)	Liquid Cooled	700cc Twin 81mm 3.189"	AC	FL-1204	2370M08100	SK1195	81.00	Std.	
☐ ZL, ZR 700 1999-2000	Liquid Cooled	700cc Twin 81mm 3.189"	AC	FL-1249	2370M08200	SK1196	82.00	0.40	
☐ ZRT 800 1995-01 (AA-80)	Liquid Cooled	794cc Triple 72mm 2.835"	AC	FL-1205	2361M07200	SK1176	72.00	Std.	
☐ ZR800, ZL800 2001-03	Liquid Cooled	785cc Twin 81mm 3.189"	AC	FL-1266	2431M08100	SK1318	81.00	Std.	01.5802.000
☐ F8, M8 800 H.O. 2007-09	Liquid Cooled (98B0)	794cc Twin 85mm 3.346"	AC	FL-1298	2451M08500	SK1374	85.00	Std.	01.5807.000
☐ F8, M8 H.O. 2010-13	Liquid Cooled (98B4)	794cc Twin 85mm 3.346"	AC	FL-1317	2460M08500		85.00	Std.	01.5811.000
☐ M8000 2014-17	Liquid Cooled (98B4)	794cc Twin 85mm 3.346"	AC	FL-1317	2460M08500		85.00	Std.	01.5811.000
☐ M8000 2018-19	Liquid Cooled CYL. #1904-003	794cc Twin 85mm 3.346"	AC	FL-1323	2466M08500		85.00	Std.	01.5818.000
☐ M8000 2020-24	Liquid Cooled CYL. #1904-011 CTEC2	794cc Twin 85mm 3.346"	AC	FL-1332					
☐ Thunder Cat 900 1993-97 (AA-90)	Liquid Cooled	895cc Triple 76.5mm 3.012"	AC	FL-1191	2349M07650	SK1143	76.50	Std.	
	<i>Big Bore to 992cc</i>	992cc Triple 80.5mm 3.169"	AC	FL-1191B	2349M08050		80.50	.158	
☐ ZR900 2003-06	Liquid Cooled	862cc Twin 85mm 3.346"	AC	FL-1274	2407M08500	SK1329	85.00	Std.	01.5903.000
☐ Thunder Cat 1000 1998-02	Liquid Cooled	999cc Triple 81mm 3.189"	AC	FL-1236	2349M08050	SK1265	81.00	Std.	
	<i>Big Bore to 1098cc</i>	1098cc Triple	AC	FL-1236B					
☐ F1000, M1000 2007-11	Liquid Cooled	999cc Twin 90.3mm 3.555"	AC	FL-1299	2450M09030	SK1373	90.30	Std.	
ARCTIC CAT 4-STROKE									
☐ T660 2002-07	4-Stroke	660cc Triple 68mm 2.677"	RS	FL-1280					
☐ ZR 3000 LXR 2017-19	4-Stroke	700cc Twin 76.9mm 3.028"	AC	FL-1322					
☐ ZR 7000 2015-23	4-Stroke	1049cc Triple 82mm 3.228"	AC	T-002-AC	4894M08200				
☐ ZR 9000 2017-24	4-Stroke	998cc Triple 80mm 3.150"	AC	YA-5810					
☐ F1100 Jaguar Z1 2007-08	4-Stroke	1056cc Twin 98mm 3.858"	AC	FL-1309	40017M09800		98.00	Std.	

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



Model	KAWASAKI (ARCTIC CAT)	cc/	Cyl.	I.D.	★	Piston	Kit	mm	Size	Piston
340/2B T-1	Fan Cooled	339cc	Twin	60mm 2.362"	AC	FL-1108				
340/2A T-7	Free Air	339cc	Twin	60mm 2.362"	AC	FL-1109				
400	Fan Cooled	398cc	Twin	65mm 2.559"	AC	FL-1065				
400	Free Air	398cc	Twin	65mm 2.559"	AC	FL-1084				
440/2A - 'Z'	Free Air	436cc	Twin	68mm 2.677"	AC	FL-1066	2084M06800		68.00	Std.
440 T-1	Fan Cooled	436cc	Twin	68mm 2.677"	AC	FL-1067	2084M06800		68.00	Std.

KAWASAKI (JOHN DEERE)

Trail Fire 440 (Non-Bridged Intake Port)	Fan Cooled	436cc	Twin	68mm 2.677"	AC	FL-1067	2084M06800		68.00	Std.
Sports Fire 1979-82 (Bridged Intake Port)	Fan Cooled	436cc	Twin	68mm 2.677"	AC	FL-1116	2313M06800		68.00	Std.

KAWASAKI

Drifter 440	Fan Cooled	436cc	Twin	68mm 2.677"	AC	FL-1116	2313M06800		68.00	Std.
LTD 440 1980	Liquid Cooled (6 Port)	436cc	Twin	68mm 2.677"	AC	FL-1150				
LTD 440	Liquid Cooled (8 Port)	436cc	Twin	68mm 2.677"	AC	FL-1115				
Interceptor 550	Liquid Cooled (8 Port)	530cc	Twin	75mm 2.952"	AC	FL-1117				

POLARIS

Startrak, Starlite 244 1987-95	Fan Cooled	244cc	Single	72mm 2.835"	CI	FL-1186				
340 TXC 1980	Free Air	335cc	Twin	62mm 2.441"	AC	FL-1127				
340 TXL Indy (EC-51) 1981-83	Liquid Cooled	335cc	Twin	61.75mm 2.431"	AC	FL-1202				
340 Sprint (EC-34-2PM) 1985-91 340 Classic 2003-06 340 LX 2007-08 340 Touring 2006-08 Indy Sport, Sport GT 1989-90 Indy Lite, Lite GT 1991-98 Indy 340 1999-07	Fan Cooled	339cc	Twin	62mm 2.441"	CI	FL-1152	2316M06225 2316M06250 2316M06300		62.25 62.50 63.00	.010 .020 .040
440 TX 1976-80		432cc	Twin	67.75mm 2.667"	AC	FL-1079				
440 TXC 1981	Fan Cooled	432cc	Twin	67.75mm 2.667"	CI	FL-1128				
440 Cutlass 1982-83	Fan Cooled	432cc	Twin	67.75mm 2.667"	CI	FL-1137				
440 Longtrak 1983-90 <i>Special Heavy O.D. Sleeve</i>	Fan Cooled	432cc	Twin	67.72mm 2.666"	CI	FL-1162 FL-1162H	2343M06772	SK1201	67.72	Std.
440 Indy Sport 1991-99 Sport SKS 1994 Sport Touring 1995-99 Super Sport 1996 Trans Sport 1996-99 Indy XCF 1997-98 <i>Special Heavy O.D. Sleeve</i>	Fan Cooled	432cc	Twin	67.72mm 2.666"	CS	FL-1219H				
440 Indy 1992 Indy XCR 1992-94 Indy SKS 1993-95 Indy LC 1996-97	Liquid Cooled	432cc	Twin	67.72mm 2.666"	CI	FL-1182	2343M06772 2343M06825 2343M06925	SK1123 SK1124 SK1125	67.72 68.25 69.25	Std. .021 .060
440 Indy XCF 1999 440 Indy XCF SP 2001	Fan Cooled	438cc	Twin	65mm 2.559"	CI	FL-1250				
440 Indy XC, XCR (EC-45) 1995-97	Liquid Cooled	439cc	Twin	68.25mm 2.687"	AC	FL-1207	2362M06825 (Not for XCR '97)	SK1178	68.25	Std.
440 Indy XCR 1998-99 (Cylinder #3022065)	Liquid Cooled	438cc	Twin	66mm 2.599"	AC	FL-1231	2401M06600 (Not for XCR EDGE)	SK1274	66.00	Std.

Metric conversion: 1mm = .03937"



SLEEVE					WISECO				PRO X
					Piston	Kit	mm	Size	Piston
<input type="checkbox"/>	Model POLARIS	cc/ Cyl. I.D. ★							
<input type="checkbox"/>	500 Indy Fan Cooled 500, Classic 500 1989-06 Classic Touring 1993-03 Wide Trak 1990-93 Wide Trak LX 1994-09 SP, SKS 1989-92, SPX 1992 Carb SKS 1996-97, Carb RMK 1996 EFI 1993-97, EFI SKS 1993-96 EFI RMK 1996, RMK 1998-99 Super Sport 2005 <i>Special Heavy O.D. Sleeve</i>	488cc Twin 72mm 2.835"	CI	FL-1165	2345M07200 2345M07250 2345M07300 2345M07350 (EC45PL097) (Not for Widetrack Models)	SK1064 SK1065 SK1066 SK1067	72.00 72.50 73.00 73.50	Std. .020 .040 .060	
<input type="checkbox"/>	500 Indy XC 1999-03 Liquid Cooled XC SP 1999-07 RMK 2000-02 Classic 2003	500cc Twin 70.5mm 2.776"	RS	FL-1254	2406M07050 2406M07100	SK1281 SK1282	70.50 71.00	Std. .020	
<input type="checkbox"/>	500 XC SP 2000-07 Liquid Cooled Variable Exhaust	500cc Twin 70.5mm 2.776"	AC	FL-1261					
<input type="checkbox"/>	550 Trail RMK 1999-06 Fan Cooled 550 LX 2007 Super Sport 1999-07 Trail Touring 2000, 2002-06 Sport Touring/ES 2000-04 Classic 2002-06 PROX Fan 550 2004 <i>Special Heavy O.D.Sleeve Removes Cast-In Sleeve</i>	544cc Twin 73mm 2.874"	CI	FL-1251	2417M07300 2417M07350 2417M07400	SK1305 SK1306 SK1307	73.00 73.50 74.00	Std. .020 .040	01.5599.000 01.5599.050 01.5599.100
<input type="checkbox"/>	550 2007-2021 Fan Cooled Indy 2014-21 3089934 & 3090388 Indy Adventure 2014-21 Indy Evo 2019-21 IQ Shift 2009-13 LX 2008 LXT 2014-21 Trail RMK 2007-09 Touring DLX 2007-09 SuperSport 2008 Voyageur 2015-21 Widetrak LX 2016-19	544cc Twin 73mm 2.874"	AC	FL-1300	2417M07300	SK1305	73.00	Std.	01.5599.000
<input type="checkbox"/>	550 2022-2024 Fan-Cooled Indy 2022-24 CYL. #3023636 Indy Adventure 2022-24 Indy Evo 2022-24 LXT 2022 RMK 2022-24 Switchback 2023-24 Voyageur 2022-24	544cc Twin 73mm 2.874"	AC	FL-1300					
<input type="checkbox"/>	580 XLT 1993-94 Liquid Cooled XLT SP, XLT SKS <i>Special Heavy O.D. Sleeve</i>	579cc Triple 64mm 2.519"	CI	FL-1190	2347M06400 2347M06450	SK1145 SK1146	64.00 64.50	Std. .020	
<input type="checkbox"/>	600 Indy 1984-87 Liquid Cooled <i>Special Heavy O.D. Sleeve (Allows bore to 72mm) Must use "H" style sleeve with 67.75mm and larger pistons.</i>	597cc Triple 65mm 2.559" 65mm – 72mm	CI CS	FL-1129 FL-1129H					
<input type="checkbox"/>	600 Indy XCR 1995-96 Liquid Cooled Indy XLT SP 1996-99	597cc Triple 65mm 2.559"	CS	FL-1206	2358M06500 2358M06550 2358M06600 2358M06650	SK1167 SK1168 SK1169 SK1278	65.00 65.50 66.00 66.50	Std. .020 .040 .060	
<input type="checkbox"/>	600 XCR SP 1996 Liquid Cooled XCR SE 1997, XCR 1997-98 <i>Big Bore to 700cc</i>	598cc Triple 62.5mm 2.460" 700cc Triple 67.5mm 2.657"	AC	FL-1213 FL-1213B	2365M06250		62.50	Std.	
<input type="checkbox"/>	600 Indy XC 1998-99 Liquid Cooled RMK 1998-01 Classic 2000-01 XC SP 1999, XC Deluxe 2000	593cc Twin 74.5mm 2.933"	CI	FL-1232	2426M07450	SK1314	74.50	Std.	

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



SLEEVE					WISECO				PRO X
					Piston	Kit	mm	Size	Piston
Model	POLARIS	cc/ Cyl.	I.D.	★					
600 Indy XC SP 2000-01 Classic, Classic Touring 2000-01 Edge X 2001	Liquid Cooled	599cc Twin	77.25mm 3.041"	AC	FL-1262	2437M07725	SK1321	77.25 Std.	01.5603.000
600 HO 2002-2007 Classic Touring 2002-07 Edge Touring 2002-06 Indy XC SP 2002-05 ProX 2003-04 RMK 2002-05 Switchback 2004-05	CYL. # 3021333 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1289	2437M07725 (00-07 Carb) 2462M07725 (07-14 CFI)		77.25 Std.	01.5603.000
600 HO 2006-2007 HO IQ 2007 Fusion 2006 RMK 2006-07 Switchback 2006-07	CYL. #3021542 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1324				
600 IQ 2007-2015 IQ LX Cleanfire 2007-08 IQ Dragon 2008-09 IQ LXT INTL 2011-15 IQ Shift INTL 2009-12 IQ Touring INTL 2009-10 RMK 2008-11 Switchback 2007-11	CYL. #3021718 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1325	2462M07725		77.25 Std.	01.5607.000
600 IQ 2010-2017 Rush Pro S 2010-12 Rush 2012 Switchback 2012 Widetrak IQ INTL 2010-17	CYL. # 3022206 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1326	2462M07725		77.25 Std.	01.5607.000
600 IQ Cleanfire 2013-2016 Indy 2013-16 Indy Voyageur INTL 2014-16 PRO RMK 2012-15 RMK 2012-15 Rush Pro R 2013-14 Rush Pro S 2015 Rush Pro-X 2015 Switchback 2013-15	CYL. # 3022305 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1327	2462M07725		77.25 Std.	01.5607.000
600 IQ Cleanfire 2016-2023 Indy XC 2016-2021 Indy SP 2016-22 Indy 2018-20 Indy Voyageur INTL 2017-21 Indy Cross Country 2022-23 Pro RMK 2016-21 RMK 2016-22 Rush Pro S 2016-20 Rush Pro-X 2016 Rush XCR INTL 2017-19 Switchback 2016-21	CYL. # 3022663 Liquid Cooled Case Reed	599cc Twin	77.25mm 3.041"	AC	FL-1327				
650 Indy 1988-91 (Non-skirted Cylinder) Special Heavy O.D. Sleeve (Allows Bore to 73mm)	Liquid Cooled	648cc Triple	67.75mm 2.666"	CI	FL-1161	2346M06775 2346M06800 2346M06825 2346M06925	SK1089 SK1090 SK1092	67.75 Std. 68.00 .010 68.25 .020 68.75 .040 69.25 .060 69.75 .080	8010 Pro-X 8011 Pro-X 8012 Pro-X 8014 Pro-X 8016 Pro-X 8018 Pro-X
650 Indy 1991-93 (Extended Skirt Cylinder Same Ports as FL-1161)	Liquid Cooled	648cc Triple	67.75mm 2.666"	CI	FL-1199	2346M06775 2346M06800 2346M06825 2346M06875 2346M06925	SK1131 SK1132 SK1133 SK1134	67.75 Std. 68.00 .010 68.25 .020 68.75 .040 69.25 .060	8010 Pro-X 8011 Pro-X 8012 Pro-X 8014 Pro-X 8016 Pro-X
650 Indy RXL, SKS EFI 1991-97 Liquid Cooled	Liquid Cooled	648cc Triple	67.75mm 2.666"	CS	FL-1180	2346M06775 2346M06800 2346M06825 2346M06875 2346M06925	SK1089 SK1090 SK1092	67.75 Std. 68.00 .010 68.25 .020 68.75 .040 69.25 .060	8010 Pro-X 8011 Pro-X 8012 Pro-X 8014 Pro-X 8016 Pro-X

Metric conversion: 1mm = .03937"



SLEEVE **WISECO** **PRO X**

Model	POLARIS	cc/ Cyl. I.D.	★	Piston	Kit	mm	Size	Piston
680 Ultra 1996-98 SP, SKS, RMK, SPX, SPX SE, Touring	Liquid Cooled	679cc Triple 66.6mm 2.622"	AC	FL-1211	2366M06660	SK1191	66.60 Std.	
650 Patriot 2021-24 Indy XC 2021-24 Indy XCR 2021-24 Indy VR1 2021-24 Indy Adventure 2022-24 Pro RMK 2021-24 Switchback Assault 2021-24 Switchback XC 2022-24 Voyageur 2022-24	Liquid-Cooled CYL. #3023607 3 Stage VES Power Valve	650cc Twin 74.8mm 2.945"	AC	FL-1333				
700 Indy XCR 1998	Liquid Cooled	679cc Triple 66.6mm 2.622"	AC	FL-1211				
700 Indy XCR 1999 (EC70PL)	Liquid Cooled Variable Exhaust	700cc Triple 67.5mm 2.657"	AC	FL-1252	2409M06760	SK1288	67.60 Std.	
700 Indy XC 1997-98 RMK 1997-98 SKS 1997	Liquid Cooled CYL. #5131220	700cc Twin 81mm 3.188"	AC	FL-1221	2399M08100	SK1272	81.00 Std.	01.5799.000
700 RMK 1999-01 SKS 1999-01 XC 1999-01 XC SP 1999-01 Classic 2001	Liquid Cooled CYL. #5131824	700cc Twin 81mm 3.188"	AC	FL-1331	2399M08100		81.00 Std.	01.5799.000
700 RMK 2002-05 SKS 2002-03 XC Edge 2002-04 XC SP 2002-05 Classic 2002-04	Liquid Cooled Power Valve CYL. #3021367 & #3021340, 41	700cc Twin 81mm 3.188"	AC	FL-1336	2399M08100		81.00 Std.	01.5799.000
700 HO, IQ 2007-10 Dragon 2007-10 RMK 2007-10	Liberty / Liquid Cooled	700cc Twin 81mm 3.188"	AC	FL-1301	2457M08100	SK1385	81.00 Std.	
750 Indy Storm 1993	Liquid Cooled	744cc Triple 69.72mm 2.745"	CI	FL-1189				
800 Indy Storm 1994-95	Liquid Cooled	794cc Triple 72mm 2.835"	CI	FL-1200	2355M07200	SK1159	72.00 Std.	
800 Indy Storm, SKS, RMK 1996-98	Liquid Cooled	794cc Triple 72mm 2.835"	AC	FL-1215	2355M07300	SK1161	73.00 .040	
<i>Repair Sleeve for Broken Cylinder Skirt Big Bore to 861cc</i>		861cc Triple 75mm 2.953"	AC	FL-1215C FL-1215B	2355M07500		75.00 .118	
800 Indy XCR 1999	Liquid Cooled Variable Exhaust	794cc Triple 72mm 2.835"	AC	FL-1253	2404M07200	SK1296	72.00 Std.	
800 Indy XCR 2000-03	Liquid Cooled Variable Exhaust	794cc Triple 72mm 2.835"	AC	FL-1278	2404M07200	SK1296	72.00 Std.	
800 Indy RMK 2000-05 XC SP 2001-05 LE 2001, SKS 2003, PROX 2003 Edge 2004, Switchback 2004-05, Classic 2004, Touring 2005	Liberty Liquid Cooled	794cc Triple 85mm 3.346"	AC	FL-1263	2428M08500	SK1315	85.00 Std.	01.5801.000
800 Indy RMK 2000-05 XC SP 2001-05 Classic, Touring 2004-05 Switchback 2004-05	Power Valve Liberty Liquid Cooled	794cc Twin 85mm 3.346"	AC	FL-1311	2428M08500	SK1315	85.00 Std.	01.5801.000
800 CFI 2008-11 800 IQ 2008-10 RMK 800 2008-11 Rush 2011 Switchback 2009-11 Dragon SP 2009	Liberty Liquid Cooled Mono-Block	795cc Twin 85mm 3.346"	AC	FL-1308	2456M08500 (08-09) 2459M08500 (10-12)	SK1382 (08-09) SK1396 (10-12)	85.00 Std. 85.00 Std.	01.5809.000 (08-09) 01.5810.000 (10-12)
800 Cleanfire SDI 2012-16 Indy SP 2015-16 Pro RMK 2012-15 RMK Assault 2012-15 Rush Pro R 2012-14 Switchback Assault 2012-15 Switchback Pro R 2012-13	Liberty Liquid Cooled Mono-Block 3022352 & 3022449	795cc Twin 85mm 3.346"	AC	FL-1316	2459M08500 (13-16)	SK1396 (10-12) SK1398 (13-16)	85.00 Std. 85.00 Std.	01.5810.000

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



SLEEVE **WISECO** **PRO X**

Model					Piston					Kit		mm		Size		Piston		
POLARIS					cc/	Cyl.	I.D.	★										
800 Cleanfire H.O. 2015-23	Liberty	795cc Twin	AC	FL-1318	2459M08500	SK1326 (13-16)	85.00	Std.	01.5810.000									
Indy XC 2019-20	Liquid Cooled	85mm	3.346"															
Indy XCR 2020	CYL. #3022554 &																	
Indy Adventure 2020	3022828																	
Pro RMK 2016-20	Mono-Block																	
RMK Assault 2016-19	3S EV Power																	
Rush Pro S 2015-20	Valve																	
Rush Pro-X 2015-19																		
Rush XCR 2017-19																		
SKS 2016-20																		
Switchback Adventure 2016-19																		
Switchback Assault 2016-20																		
Switchback Pro S 2015-20																		
Switchback Pro-X 2015-19																		
Titan 2018-23																		
850 Patriot 2019-24	Liberty	850cc Twin	AC	FL-1328			85.00	Std.	01.5819.000									
Indy XC, XCR 2019-24	Liquid Cooled	85mm	3.346"															
Pro RMK 2019-24	Mono-Block																	
Rush Pro S 2019-20	CYL. #3023433																	
Rush XCR 2019	3S E-VES																	
SKS 2019-20	Power Valve																	
Switchback Assault 2019-24																		
Switchback Pro S 2019-21																		
Switchback XCR 2019-21																		
Switchback XC 2022-24																		
VR1 2021-24																		
900 Fusion 2005-06	Liberty	866cc Twin	AC	FL-1288	2447M08300	SK1359	83.00	Std.										
900 RMK 2005-06	Liquid Cooled	83mm	3.267"															
POLARIS 4-STROKE																		
750 FST IQ 2006-14	4-Stroke	750cc Twin	AC	FL-1295	40021M08500	SK1393	85.00	Std.										
Switchback	Liquid Cooled	85mm	3.346"															
Classic, Cruiser																		
LX, Touring																		
Turbo Dragon, Widetrack IQ																		
SKI-DOO																		
247 Elan 1979-96	Fan Cooled	250cc Single	RS	FL-1163														
		69.5mm	2.736"															
253 Citation LS, LSE, E 1985-91		248cc Single	CI	FL-1240	2373M07200		72.00	Std.	01.5595.000									
Tundra, LT, LTS 1985-92	Fan Cooled	72mm	2.835"	(Straight sleeve, no flange)	2373M07250		72.50	.020	01.5595.050									
					2373M07300		73.00	.040	01.5595.100									
277 Tundra, LT, II, II LT 1993-96	Fan Cooled	269cc Single	RS	FL-1136														
		72mm	2.835"															
277 Tundra II LT 1997-98	Fan Cooled	269cc Single	RS	FL-1229														
280F, 300F, 2002-09		72mm	2.835"	(O-Ring groove in flange)														
Tundra 1999, 2002-05, Tundra R 1998-2000																		
340 TNT RV Blizzard 1972-75		338cc Twin	RS	FL-1055														
		63mm	2.480"	NO LONGER IN PRODUCTION														
340 1973-75	Free Air	339cc Twin	RS	FL-1057														
		59.5mm	2.342"	NO LONGER IN PRODUCTION														
340 1973-78	Fan Cooled	339cc Twin	RS	FL-1103														
		59.5mm	2.342"	NO LONGER IN PRODUCTION														
377 Citation 4500 1981-83	Fan Cooled	368cc Twin	RS	FL-1118	2308M06200		62.00	Std.										
Mirage II 1981-83, Mirage III 1985		62mm	2.441"		2308M06225		62.25	.010										
Nordik 1981-83					2308M06250		62.50	.020										
Skandik 1982-86, 1995-2000					2308M06300		63.00	.040										
Skandik R 1984-87, Skandik II, IIR 1992-94																		
Safari 1984-88, Safari Scout 1989-90																		
Safari Saga 1989, Safari L 1991-94																		
Safari LE 1991-92, Safari Deluxe 1993-94																		
Scout 1991-92, Touring E 1995-2000																		
Touring/Cargo 2001-03																		
Touring LE 1995, Touring E LT 1996-97																		
Formula S 1995-2000																		
Formula Deluxe 380 1998-01																		
Grand Touring 2001-2003	Fan Cooled	368cc Twin	RS	FL-1297														
MXZ380 2001-06, Legend 2002-04		62mm	2.441"	(O-Ring groove in flange)														
GSX 2005-06, GTX 2005-06																		

Metric conversion: 1mm = .03937"



SLEEVE					WISECO			PRO X	
					Piston	Kit	mm	Size	Piston
Model	SKI-DOO	cc/ Cyl.	I.D. ★	(ROTAX)					
399 (Ski Doo)		399cc Twin 64.5mm	2.539"	RS	FL-1049 2.742" O.D.				
440 TNT 1971-73	Fan Cooled	436cc Twin 67.5mm	2.658"	RS	FL-1051				
440 (With Finger Ports)	Fan Cooled	436cc Twin 67.5mm	2.658"	RS	FL-1061				
440 1977-78 (With Finger Ports)	Fan Cooled	436cc Twin 67.5mm	2.658"	AC	FL-1062				
Touring LE 1996-2000 MXZ 440F 1997, MXZ 440 1998-01 Skandic LT 2001-05	Fan Cooled	436cc Twin 67.5mm	2.658"	RS	FL-1283				
454 Formula MXZ 1995 MXZ 440 1996 MXZ 440 LC 1997, MXZ X 440 LC 1997	R.A.V.E. Liquid Cooled	436cc Twin 67.5mm	2.658"	AC	FL-1208	2375M06750 2375M06800	SK1205	67.50 68.00	Std. .020
464 1980-84	Liquid Cooled	462cc Twin 69.5mm	2.736"	RS	FL-1125	2312M06950 2312M06975	SK1027	69.50 69.75	Std. .010
467 Formula MX 1985-95 Formula MX LT 1987-90 Formula MX Z, MX X, E, XTC, XTC E, XTC R, MX2, MXZ X, ST 1990-94 Safari GLX, LC, LCE 1990-92 Summit 470 1994, GT 470 1995	Liquid Cooled	462cc Twin 69.5mm	2.736"	RS	FL-1149	2312M07000 2312M07050		70.00 70.50	.020 .040
Blizzard 5500, MX 1979-84 Grand Prix SP 1979-81 Everest 500, Futura 500 1980-82 Grand Prix MX 1981, Sonic 1982 Alpine 500 1983-87, Skandic 503 1987 Stratos 1987-88, Escapade 1987-89 Nordik 60 1987-91, Safari 503 1988 Stratos E 1988, Alpine II 1988-95 Safari Voyager '87, Saf. Cheyenne '89-91 Rally, Skandic IIR, Skandic IIR SLT 1993 Skandic Wide Track 1995	Fan Cooled	497cc Twin 72mm	2.834"	RS	FL-1119	2373M07200 2373M07250 2373M07300 2373M07350		72.00 72.50 73.00 73.50	Std. .020 .040 .060
Rally E, Skandic IIR 1994 Skandic IIR SLT 1994 Skandic 500, Touring SLE 1995-2000 Touring/Cargo 2001-02 Formula SL 1995-99 Skandic Wide Track 1996-03 Skandic Super Wide Track 1998-03 Formula Deluxe 500 1999-01 Summit Fan 2001-02, MXZ Fan 2001-02 Legend 2002, Skandic Sport 2003	Fan Cooled	497cc Twin 72mm	2.834"	RS	FL-1216 (O-Ring groove in flange)				
503 Scandinavia 1988-91		497cc Twin 72mm	2.835"	RS	FL-1164				
Summit 500 1996-99 Grand Touring 500 1996-00 Formula SLS 1996 Formula 500 1997-98, 2000 Formula 500 Deluxe 1997-98 Formula Z 500 1999 Formula Deluxe 500 LC 1999-00 MX Z 500 1998-99 Skandic Wide Track LC 1999-2000	Type 494 Liquid Cooled	499cc Twin 69.5mm	2.736"	RS	FL-1224 (Rotary valve motor)	2381M06950 2381M07000 2381M07050 (Fits "494" Rotary Valve Motor only)	SK1243 SK1244 SK1245	69.50 70.00 70.50	Std. .020 .040
Formula Deluxe 2001 Grand Touring 2001-03 Legend 2002-03 MX Z Trail 2001 MX Z 500 2000-03	Type 493 Liquid Cooled	499cc Twin 69.5mm	2.736"	RS	FL-1286 (Reed motor)	2436M06950 2436M07000 2436M07050 (Fits "493" Rotary Valve Motor only)	SK1322 SK1323 SK1324	69.50 70.00 70.50	Std. .020 .040
521, 534, 537 9700 Series 1982-90	Liquid Cooled	521cc Twin 72mm	2.834"	RS	FL-1126	2373M07200 2373M07250 2373M07300 2373M07350	SK1211 SK1212 SK1213 SK1214	72.00 72.50 73.00 73.50	Std. .020 .040 .060
532 Safari 1989-90	Liquid Cooled	521cc Twin 72mm	2.834"	RS	FL-1171 (O.A.L. 5.060")				
536 Formula Plus, E, XTC, XTC E, LT, X 1989-91	Liquid Cooled	521cc Twin 72mm	2.834"	RS	FL-1172 (O.A.L. 5.140")				

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



SLEEVE					WISECO			PRO X		
					Piston	Kit	mm	Size	Piston	
Model	SKI-DOO	cc/ Cyl.	I.D. ★	(ROTAX)						
550F Type 552 2003-20 MX Z TNT, Sport 550F 2010-19 Expedition Sport 2005-19 Freestyle 2007-09 Grand Touring 2003, 2010-15 GSX Sport 2005-10 GTX 2005-09 Legend 550 2003-04 Renegade Sport 2010-18 Scandic 2004-20 Summit 2003-11 Tundra LT, Sport 2012-20	Fan Cooled	553cc Twin 76mm	2.992"	RS	FL-1275	2452M07600 2452M07650 (03-12)	SK1375 SK1376	76.00 76.50	Std. .020	01.5503.000
582 Formula Plus E, XTC, XTC E, EFI, 2 1992-93 Formula GT 1993, GT XTC 1994 GT 580 1994-96 (No R.A.V.E. valve)	Liquid Cooled	580cc Twin 76mm	2.992"	RS	FL-1184	NO LONGER IN PRODUCTION				
582 Formula Plus, XTC 1995-97 (Full length intake skirt)	Liquid Cooled	580cc Twin 76mm	2.992"	RS	FL-1230					
600 H.O. SDI 2003-10 MXZ's 600 2003-08 Expedition TUV 2005-10 GSX 600 2004-08 GSX Sport 2005-07 GTX Sport, Limited 2005-08 Legend 600 2004 Scandic SUV 2008 Summit 600 2003-08	R.A.V.E. Liquid Cooled	594cc Twin 72mm	2.834"	AC	FL-1276	2444M07200 (Piston skirt coated)	SK1338	72.00	Std.	01.5600.000
600 H.O. ETEC 2009-20 MX Z, X, TNT 2009-18 MX Z, X-RS 2011-18 Expedition 2011-19 Grand Touring LE 2010-18 GSX LTD, LE, SE 2009-15 GTX LE 2009-10 Renegade 2011-18 Scandic 2011-20 Summit 2009-18 Tundra Xtreme 2012-20	R.A.V.E. Liquid Cooled	594cc Twin 72mm	2.834"	AC	FL-1306	2444M07200		72.00	Std.	01.5600.000
600RS 2008-2011 MX Z X 600RS 2008-11	R.A.V.E. Liquid Cooled	594cc Twin 72mm	2.834"	AC	FL-1312	2458M07200		72.00	Std.	
600RS 2012-13 MX Z X 600RS 2012-13	R.A.V.E. Liquid Cooled	594cc Twin 72mm	2.834"	AC	FL-1313			72.00	Std.	
600R E-TEC 2019-24 Backcountry 2019-24 Expedition 2020-24 Grand Touring 2019-21 MXZ 2019-24 Renegade X-RS 2019-24 Scandic 2021-24 Summit 2019-24	eRAVE Liquid Cooled Plasma Mono-Block CYL. #420413524	599.4cc Twin 72.3mm	2.846"	AC	FL-1330			72.30	Std.	
600 EFI 2021-24 Backcountry Sport '21-24 Expedition Sport '21-24 MXZ Sport 2021-24 Renegade Sport 2021-24 Scandic WT, Sport 2021-24 Tundra LE, LT, Sport 2021-24	Liquid-Cooled Mono-Block CYL. #420923724	599.4cc Twin 72.3mm	2.846"	AC	FL-1334					
Formula III 600 1996-99 Formula III LT 600 1996-98	Liquid Cooled	598cc Triple 64.5mm	2.539"	AC	FL-1214	2377M06450	SK1224	64.50	Std.	

Metric conversion: 1mm = .03937"



SLEEVE					WISECO				PRO X	
					Piston	Kit	mm	Size	Piston	
Model	SKI-DOO	cc/ Cyl.	I.D.	★	(ROTAX)					
600 Type 593 1999-2020 MX Z's 600 1999-10 MX Z TNT (550SS) 2008-12 MX Z Sport XP 2010-20 Formula Deluxe 600 2001-03 Formula Z 600 2000 Grand Touring 600 2001-03 Grand Touring Sport 2010-13 GSX Sport (500SS) 2004-10 GTX Sport (500SS) 2005-09 Legend Sport, GS, SE 2002-04 Renegade Sport 2015-20 Scandic LT, WT 2001-09 Scandic Sport SUV 2003-07 Summit 600 1999-02 Summit Everest (500SS) 2009 Summit Sport 2010-10	R.A.V.E. Liquid Cooled	597cc Twin 76mm	2.992"	RS	FL-1255	2411M07600 2411M07650 2411M07700	SK1292 SK1303 SK1304	76.00 Std. 76.50 .020 77.00 .040		01.5699.000 01.5699.050 01.5699.100
670 Mach 1, XTC 1993-96 Grand Touring SE 1994-96 Summit 670 1995-97 Formula SS 1995-96 Formula Z 670 1998-99 Formula Deluxe 670 1999 MXZ 670 1997-98	R.A.V.E. Liquid Cooled	669cc Twin 78mm	3.071"	RS	FL-1194	2379M07800 2379M07850 2379M07900	SK1236 SK1237 SK1238	78.00 Std. 78.50 .020 79.00 .040		
Summit 670 1998 MXZ 670 H.O. 1999 MXZ 670 H.O.T.H. 1999	R.A.V.E. Liquid Cooled	669cc Twin 78mm	3.071"	RS	FL-1256	2433M07800 2433M07850 2433M07900	SK1311 SK1312 SK1313	78.00 Std. 78.50 .020 79.00 .040		
Summit X 670 1998-99 (Notched Exhaust Port)	R.A.V.E. Liquid Cooled	669cc Twin 78mm	3.071"	RS	FL-1268	2433M07800 2433M07850 2433M07900	SK1311 SK1312 SK1313	78.00 Std. 78.50 .020 79.00 .040		
693 Summit 700 1999-02 Formula Deluxe 700 2000 Summit X 700 2001, 2003 Summit Highmark 2001, 2003 Formula Deluxe GS/GSE 2001 MXZ 700 2000-02 MXZ Adrenaline 2001-03 MXZ Trail 700 2001-02 Grand Touring GS Sport, SE 2001-03 Formula Z 700 2000 Legend Sport, GS, SE 2002-04	R.A.V.E. Liquid Cooled	698cc Twin 78mm	3.071"	AC	FL-1264	2416M07800 2416M07900	SK1302 SK1356	78.00 Std. 79.00 .040		01.5700.000
Mach 1 700 1997-99 Mach 1R 1999 Grand Touring SE 1997-98 Formula III 700 1998-99 Grand Touring 700 1998-2000	R.A.V.E. Liquid Cooled	699cc Triple 69.75mm	2.745"	AC	FL-1225	2382M06975	SK1246	69.75 Std.		
779 Mach Z 1995-96 Formula Mach Z 1994 Mach Z LT 1996	R.A.V.E. Liquid Cooled	774cc Triple 69.5mm	2.736"	RS	FL-1193	2434M06950 2434M07000 2434M07100	SK1239 SK1240 SK1199	69.50 Std. 70.00 .020 71.00 .060		01.5598.000 01.5598.050
Mach Z 1997-02 Type 809 Mach Z Tech Plus 2001-03 Mach Z LT 1997-99 Mach Z R, Z LT R, Z M.H.R. 1999 Grand Touring SE 1999-01 Formula III 800 1999	R.A.V.E. Liquid Cooled	796cc Triple 70.5mm	2.776"	AC	FL-1222	2434M07050	SK1249	70.50 Std.		01.5598.100
Summit 800's 2001-06 Type 793 MXZ 800's 2001-07 Legend 800's 2003-04 Grand Touring 800's 2003 GSX Limited 800's 2004-07 GTX Limited 2005-16	R.A.V.E. Liquid Cooled	799cc Twin 82mm (Reed Valve)	3.228"	AC	FL-1267	2430M08200 2430M08300	SK1319 SK1347	82.00 Std. 83.00 .040		01.5800.000
800R P-TEK 2007-2016 MX Z X 800R 2007-12 GSX LTD 2008 Renegade 2010-11 Summit Everest 2007-11 Summit Sport 2012-16	R.A.V.E. Liquid Cooled Mono-Block	799cc Twin 82mm (Reed Valve)	3.228"	AC	FL-1302	2453M08200	SK1378	82.00 Std.		01.5808.000

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



Model	SKI-DOO	cc/ Cyl. I.D.	★	(ROTAX)						
800R E-TEC 2011-2019 MX Z X-RS 800R 2011-17 MX Z X TNT 800R 2011-17 Expedition Xtreme 2017-19 GSX SE 2012-15 Renegade X 2012-18 Summit SP, X 2011-17	R.A.V.E. Liquid Cooled Mono-Block	799cc Twin 82mm 3.228"	AC	FL-1314	2453M08200	SK1405	82.00	Std.	01.5808.000	
850 E-TEC 2017-2024 Backcountry 2019-24 Expedition Xtreme 20-24 Freeride 2018-24 MXZ 2017-24 Renegade 2017-24 Summit 2017-24	eRAVE Liquid Cooled Mono-Block CYL. #420413545 & 420413304	849cc Twin 82mm 3.228"	AC	FL-1329			82.00	Std.	01.5817.000	
MachZ Adrenaline 1000 2005-07 Summit Highmark 1000 2005-08 MXZ Renegade 1000 2006-07	R.A.V.E. Liquid Cooled Mono-Block	998cc Twin 88mm 3.464"	AC	FL-1291	2446M08800	SK1343	88.00	Std.		

SKI-DOO FOUR-STROKE

600 ACE 2011-2024 Expedition 2011-24 Grand Touring 2011-24 Renegade Sport 2011-24 Skandic LE, SWT 2011-24 Tundra LT, Sport 2011-24	4-Stroke Liquid Cooled Mono-Block	600cc Twin 74mm 2.913"	AC	FL-1315						
900 ACE 2014-2024 Expedition Sport 2014-24 Grand Touring 2014-24 Mach Z 2022 Renegade 2014-24 Skandic SE, SWT 2015-24	4-Stroke Liquid Cooled Mono-Block	899cc Triple 74mm 2.913"	AC	FL-5809						
4-TEK V-800 2007-12 Expedition Legend Skandic Tundra Skandic SWT	4-Stroke Liquid Cooled	V-Twin 800cc 91mm 3.583"	AC	FL-1310						
4-TEK V-1000 2004-06 Expedition TUV '05-06 Legend 2004-05	4-Stroke Liquid Cooled	V-Twin 100mm 3.937"	AC	FL-1284						
4-TEK 1200 2009-2019 Expedition 2010-19 Grand Touring LE, SE 2010-18 GSX LTD, LE, SE 2009-15 GTX LE, SE 2009-11 MX Z X, TNT, 2009-18 Renegade 2010-17 Scandic Tundra 2010	4-Stroke Liquid Cooled	1170cc Triple 91mm 3.583"	AC	FL-1307	40040M09100		91.00	Std.		

YAMAHA

BR-250 Bravo, LT 1982-2000	Fan Cooled	246cc Single 70mm 2.755"	CI	LA-1170 Straight sleeve, no flange						
Inviter 300 1986-90	Liquid Cooled	293cc Single 73mm 2.874"	CS	FL-1155 NO LONGER	IN PRODUCTION					
SX Venom Mountain 400 2021-24	Liquid-Cooled 3S Power Valve (CYL. #8NV)	397cc Single	AC	FL-1335						
433 SB Reed Valve		433cc Twin 68mm 2.677"	CS	FL-1076 NO LONGER	IN PRODUCTION					
433 XB Piston Port		433cc Twin 68mm 2.677"	CS	FL-1077 NO LONGER	IN PRODUCTION					
433 XA, GPA Piston Port		433cc Twin 68mm 2.677"	CS	FL-1078 NO LONGER	IN PRODUCTION					
440 SRX 1981	Liquid Cooled	437cc Twin 66mm 2.598"	AC	FL-1121 NO LONGER	IN PRODUCTION					
Exciter 440 1975-81		433cc Twin 68mm 2.677"	CS	FL-1157 NO LONGER	2284M06800 IN PRODUCTION		68.00	Std.		
440 SS 1979-83	Fan Cooled	437cc Twin 66mm 2.598"	CI	FL-1131 NO LONGER	2309M06600 IN PRODUCTION					

Metric conversion: 1mm = .03937"



SLEEVE **WISECO** **PRO X**

Model		YAMAHA	cc/ Cyl. I.D.	★		Piston	Kit	mm	Size	Piston
☐	Phazer PZ-480, VT-480 1984-98 Venture 1991-98 Mountain Lite 1997-99	Fan Cooled (#8VO)	485cc Twin 72mm 2.835"	CS	FL-1156	2310M07200 2310M07225 2310M07250 2310M07300 2310M07350	SK1035 SK1036 SK1037 SK1052	72.00 72.25 72.50 73.00 73.50	Std. .010 .020 .040 .060	
☐	Phazer 500 1999-01 Phazer 500 Deluxe 2001 Venture XL 1999-2000 Mountain Lite 2000-01	Fan Cooled	485cc Twin 72mm 2.835"	CS	FL-1259	2310M07200 2310M07225 2310M07250 2310M07300	SK1298 SK1299 SK1290	72.00 72.25 72.50 73.00	Std. .010 .020 .040	
☐	V-Max 500 1994-96	Liquid Cooled	493cc Twin 68mm 2.677"	AC	FL-1197	2356M06800	SK1163	68.00	Std.	7024DA
☐	V-Max 500, XT, XTC, SX, Deluxe 1997-01 Venture 500 1997-01 SX500R 2001	Liquid Cooled (#8CJ)	494cc Twin 68mm 2.677"	AC	FL-1228					
	<i>Big Bore to 600cc</i>		598cc Twin 74.8mm 2.945"	AC	FL-1228B					
☐	530 SRV 1980-84 SR-5, XL-5, XL-V 1980-89 SRV-540 1988-97	Fan Cooled	535cc Twin 73mm 2.874"	CS	FL-1132	2305M07300 2305M07350 2305M07400 2305M07450	SK1044 SK1045 SK1046 SK1047	73.00 73.50 74.00 74.50	Std. .020 .040 .060	
☐	540 V-Max 1983-90	Liquid Cooled	535cc Twin 73mm 2.874"	AC	FL-1133					
☐	VK-540 1988-05 2017-22	Fan Cooled (#83R)	535cc Twin 73mm 2.874"	CI	FL-1237	2305M07300 2305M07325 2305M07350 2305M07400 2305M07450	SK1044 SK1045 SK1046 SK1047	73.00 73.25 73.50 74.00 74.50	Std. .010 .020 .040 .060	
☐	Exciter 569 1987-91	Liquid Cooled (#82M)	569cc Twin 73mm 2.874"	CS	FL-1158	2335M07300 2335M07350 2335M07400	SK1094 SK1095 SK1096	73.00 73.50 74.00	Std. .020 .040	
☐	Exciter II 1991-93	Liquid Cooled (#88R)	569cc Twin 73mm 2.874"	AC	FL-1179	2335M07300 2335M07350 2335M07400	SK1094 SK1095 SK1096	73.00 73.50 74.00	Std. .020 .040	
☐	Exciter 570 SX 1993	Liquid Cooled (#8AY)	569cc Twin 73mm 2.874"	AC	FL-1196	2335M07300 2335M07350 2335M07400	SK1094 SK1095 SK1096	73.00 73.50 74.00	Std. .020 .040	
☐	V-Max 600 1994-96	Liquid Cooled (#8CA)	598cc Twin 74.8mm 2.945"	AC	FL-1198	2388M07480	SK1257	74.80	Std.	
☐	V-Max 600 1999 V-Max 600 SX, XT, XTC Deluxe 1997-98 Venture 600 1997-98 Mountain Max 600 1997-99	Liquid Cooled (#8CR)	598cc Twin 74.8mm 2.945"	AC	FL-1227	2388M07480	SK1257	74.80	Std.	
☐	V-Max 600 SX 1999 V-Max 600 Deluxe 1999-01 V-Max 600 ER 2002-03 Venture 600 1999-06 Mountain Max 600, SX 600R 2000-03 SX Venom 2004-06	Liquid Cooled	593cc Triple 65mm 2.559"	AC	FL-1258	2440M06500	SK1332	65.00	Std.	
☐	V-Max 700, XT, XTC, SX V-Max Deluxe 1997-01 V-Max 700 ER 2002 Mountain Max 700 1997-04 Venture 700 1998-03, SX 700R 2000-01	Liquid Cooled (#8CH)	698cc Triple 70.5mm 2.776"	AC	FL-1226	2385M07050	SK1251	70.50	Std.	
	<i>Big Bore to 748cc</i>		748cc Triple 73mm 2.874"	AC	FL-1226B	9385P7290		73.00	.098	
☐	SRX-700 1998-02	Liquid Cooled Variable Exhaust (#8DN)	696cc Triple 69mm 2.716"	AC	FL-1239	2397M06900	SK1270	69.00	Std.	01.2798.000
☐	SX Viper 700 2002-05 Venture 700 2004	Liquid Cooled Variable Exhaust (#8EK)	696cc Triple 69mm 2.716"	AC	FL-1296	2397M06900		69.00	Std.	01.2798.000
☐	Mountain Max 800 2021-24 Transporter 800 2021-24	Liquid-Cooled 3S Power Valve (CYL. # 8NV)	794cc Twin	AC	FL-1335					

WISECO Piston includes rings and circlips, Kit includes precision matched and balanced pistons, gasket.



SLEEVE **WISECO** **PRO X**

Model YAMAHA FOUR-STROKE cc/ Cyl. I.D. ★				Piston	Kit	mm	Size	Piston
☐	Genesis 80 FI RS Vector 2005-09 Phazer 500 2007-18 Venture MP 2013-18 Venture Lite 2007-09 VK Professional 2006-07	4-Stroke Liquid Cooled	499cc Twin 77mm 3.031"	AC	FL-1303	12.5:1 Compression 4988M07700	77.00 Std.	
☐	Genesis 120FI Nytro 2006-07 RS Rage 2005-07 RS Vector Mountain 2005-07 RS Venture 2005-09 VK Pro 2006-15	4-Stroke Liquid Cooled	973cc Triple 79mm 3.110"	AC	FL-1290	12.5:1 Compression 4893M07900 9.5:1 Compression 4894M07900	79.00 Std. 79.00 Std.	
☐	Genesis 130FI FX Nytro 2008-14 RS Vector 2012-18 RS Venture 2012-22 SR Viper 2014-24 VK Professional II 2016-22	4-Stroke Liquid Cooled	1049cc Triple 82mm 3.228"	AC	FL-1304 (Left) LA-1304 (Center, Right)	4893M08200	82.00 Std.	
☐	RX-1 2003-07 Straight Sleeve <i>Big Bore to 1080cc</i>	4-Stroke Liquid Cooled	998cc 4-Cylinder 74mm 2.913" 1080cc 4-Cylinder 77mm 3.031"	AC	YA-5501 YA-5501E (End Sleeves, 2 required) YA-5501C (Center Sleeves, 2 required)	4707M07400	74.00 Std.	
☐	Genesis 150FI APEX 2006-18 ATTAK 2006-07	4-Stroke Liquid Cooled	998cc 4-Cylinder 74mm 2.913"	AC	YA-5501	10:1 Compression 4708M07400 Stock Comp. 40053M07400	74.00 Std. 74.00 Std.	
☐	Genesis 998 Turbo Sidewinder 2017-24	4-Stroke Liquid Cooled	998cc Triple 80mm 3.150"	AC	YA-5810		80.00 Std. 80.01 Std.	01.2917A 01.2917B

Metric conversion: 1mm = .03937"



PRO-X CONNECTING ROD KITS



SKI-DOO (ROTAX)

Part No.	Model	Year
02514	377 Twin	1980-89
02515	377 Twin	1990-99
	440F MXZ Twin	1997-99
02906	462, 467 Twin	1994-95
	Formula Z, MX ('93-95)	
	Formula Z, Mach ('93-95)	
	MXZ, XTCR ('93-95)	
02522	470 Twin	1994
	521, 534, 537 Twin	1982-90
	9700 ('83-84)	
	Formula Plus, LT ('85-90)	
	Safari Grand Lux ('85-86)	
	582, 583 Twin	1989-99
	Mach I ('89-91)	
	Formula ('92-99)	
	Formula Z, STX II ('94-99)	
	Summit ('94-98)	
	MXZ ('96-98)	
Grand Touring 580 ('95-99)		
	617 Twin	1994-95
02905	599 Triple PTO Side	1997-99
02906	599 Triple MAG/Center	1997-99
	Formula III 600	
02663	779 Triple PTO Side	1994-96
02664	779 Triple MAG/Center	1994-96
02663	809 Triple PTO Side	1997-03
02664	809 Triple MAG/Center	1997-03



CRANKSHAFT BEARINGS

L.A. SLEEVE CO. supplies genuine O.E.M. quality replacement crankshaft bearings. Manufactured in Japan using all O.E.M. specifications.

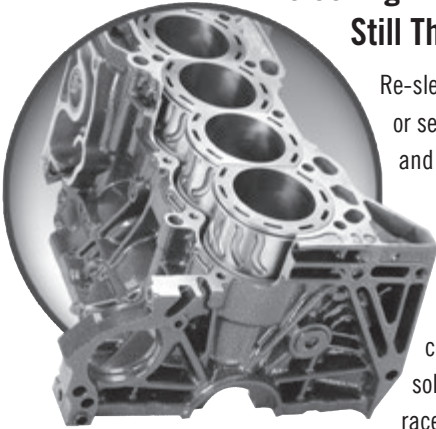
CRANKSHAFT MAIN BEARINGS DIMENSIONS CHART

SIZE	DESCRIPTION	PART NO.	SIZE	DESCRIPTION	PART NO.	SIZE	DESCRIPTION	PART NO.
17 x 47 x 14		6303C3	30 x 62 x 16	8 Bearings	6206RI	35 x 72 x 17	Grvd, W/Ring C4 fit	6207NRC4
20 x 47 x 14		6204C3	30 x 62 x 16	9 Bearings	6206C3	35 x 72 x 17	4mm Pinhole	6207YR
20 x 47 x 14	Grooved, With Ring	6204NR	30 x 62 x 16	Grooved	6206N	35 x 72 x 17	Pinned	6207JRC4
20 x 52 x 15		6304C3	30 x 62 x 16	Grooved, With Ring	6206NR	35 x 72 x 17	Pinned, 3mm	83A844A
22 x 50 x 14		6222C4	30 x 62 x 16	Grvd, W/Ring, C4 Fit	6206NRC4	35 x 72 x 17	Pinned,	
22 x 56 x 16		6322C4	30 x 62 x 16	Roller Bearing	NJ206	3mm Grooved W/Ring	6207NLT	
22 x 56 x 16		6322X	30 x 64 x 16	O.D. Step	830046	35 x 72 x 27	Pinned, 3mm	5207-1LT
25 x 52 x 15		6205C3	30 x 72 x 16	O.D. Step	SX06C62	35 x 80 x 18		6307X
25 x 52 x 15	Grooved	6205N	30 x 72 x 18		6306RI	35 x 80 x 18.5		6307A
25 x 52 x 15	Grooved, With Ring	6205NR	30 x 72 x 19		6306C3	35 x 80 x 21		6307C3
25 x 55 x 15		83A915	30 x 72 x 19	Grooved	6306N	35 x 80 x 21	Grooved	6307N
25 x 62 x 16		6305RI	30 x 72 x 19	Grooved, With Ring	6306NR	35 x 80 x 21	Grooved, 5mm Pinhole	83B727
25 x 62 x 17		6305C3	30 x 72 x 19	O.D. Step	SX06C42	35 x 80 x 21	Grooved, With Ring	6307NR
25 x 62 x 17	Grooved	6305N	30 x 76 x 17.5		692C3	35 x 80 x 21	Pinned	6307JRC4
25 x 62 x 17	Grooved, With Ring	6305NR	32 x 65 x 17		6232C3	35 x 80 x 21	Pinned, 3mm	83A948
25 x 62 x 17	Grooved, Pinned	83406	32 x 72 x 30	Phenolic, 4mm Pinhole	83B207	39 x 58 x 16	Needle Bearings	8ENK16
25 x 62 x 17	Pinned	83464A	32 x 76 x 17.5		SC093CS	39 x 65 x 18	Needle Bearings	2MEB671
28 x 58 x 16		6228C3	35 x 72 x 17		6207C3	40 x 76 x 17.5		DG407618
28 x 68 x 18		6328C3	35 x 72 x 17	C4 Fit	6207C4	40 x 80 x 18	Grooved, With Ring	6208NC4
28 x 68 x 18	Shield	6328LBA	35 x 72 x 17	Grooved	6207N	40 x 90 x 23		6308C3
28 x 72 x 18		B32872	35 X 72 X 17	Grooved, C4 Fit	6207NC4	40 x 90 x 20		
30 x 62 x 16	Grooved, C4 Fit	6206NC4	35 x 72 x 17	Grooved, With Ring	6207NR			



ENGINE & SHOP SERVICES

Sleeving... Still The Solution!



Re-sleeving worn or seized cylinders and cylinder blocks with cylinder sleeve liners manufactured by L.A. Sleeve Co. continues to be the solution for riders, racer, and engine

builders everywhere. Our top quality cylinder sleeves, four-stroke and two-stroke, have proven to be durable and economical with the added advantage of being boreable. Re-sleeved cylinders will never flake or peel.

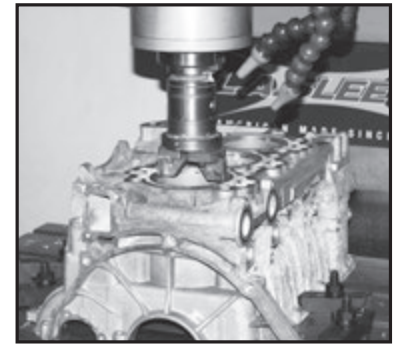
CYLINDER REPAIR

Why would you spend several hundred dollars to buy a new cylinder when we can repair it for a fraction of the cost?

L.A. Sleeve offers re-sleeving services for automotive, small engine, motorcycle, ATV, snowmobile, marine and watercraft. Four-stroke cylinders receive a newly installed cylinder sleeve, are bored, honed to fit the piston and the top is surfaced when required.

Two-stroke cylinders receive a newly installed sleeve. All of the ports are matched, blended and chamfered. The sleeved cylinder is bored and honed to fit the piston. The top deck is surfaced to be as new. A properly installed two-stroke sleeve renews the cylinder and retains the original performance of the engine.

Send us your cylinder or cylinder block along with instructions. Our sleeving department will install a new sleeve or multiple sleeves into your cylinder and return it ready to install and run.



CYLINDER RE-PLATING



L.A. Sleeve offers a full cylinder re-plating service for the rider who desires to maintain the original plated bore. We will strip, weld and repair the damaged bore, then re-plate the cylinder bore with Nickel-Silicon-Carbide plating. L.A. Sleeve will supply you with a new piston and gasket kit and size the piston to the freshly plated bore.

CRANKSHAFT REBUILDING



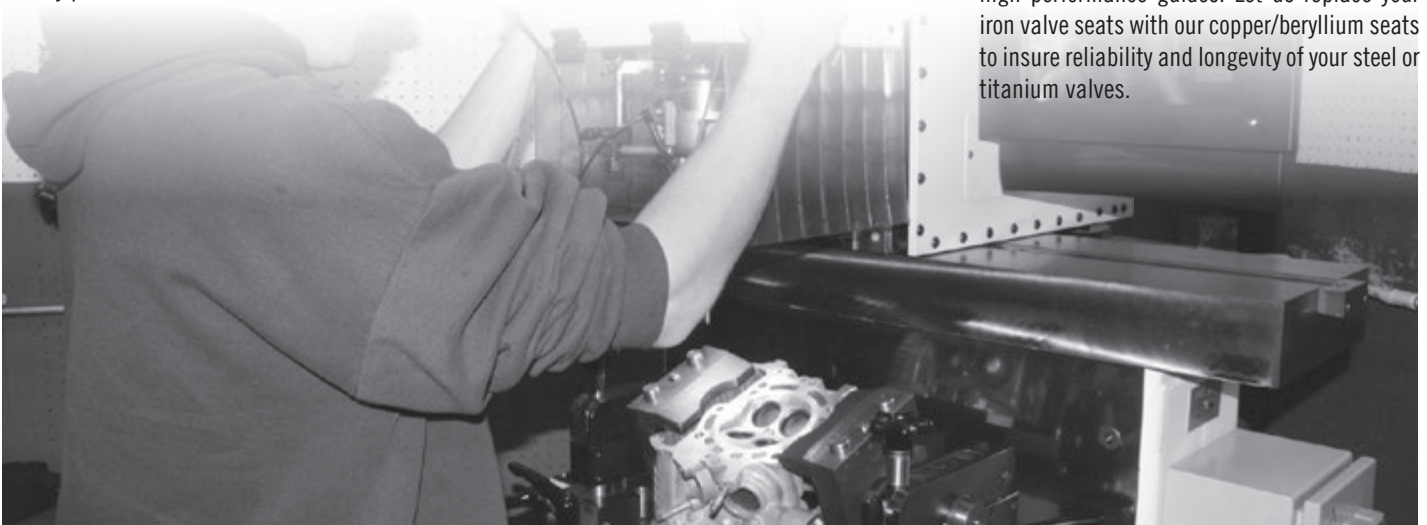
We provide complete crank rebuilding to you. No need to buy an OEM crankshaft, when we can install a new aftermarket connecting rod kit. Our service comes complete with pressing crank apart, inspecting web journals, reinstalling new aftermarket rod kit and truing crank to exact tolerances.

4-STROKE HEAD SERVICE, REPAIR AND CNC PORTING



L.A. Sleeve is a leader in four-stroke development technology. Our years of experience will assure you receive the proper service required.

We will disassemble, inspect, rebuild and re-assemble your head. L.A. Sleeve uses state of the art CNC machinery to do head porting and valve work. We are able to perform a standard 3-angle valve job or a performance 5-angle radius valve job. We can replace worn valve guides or install high performance guides. Let us replace your iron valve seats with our copper/beryllium seats to insure reliability and longevity of your steel or titanium valves.





TERMS, CONDITIONS AND POLICIES

BUSINESS HOURS: 8:00 a.m. to 5:00 p.m. Monday through Thursday, 8:00 a.m. to 4:30 p.m. Friday. Closed weekends and holidays.

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

PAYMENT: C.O.D., Credit/Debit on first order. Company check accepted after first order and receiving LASCO customer code number. No personal checks accepted. Dealers whose checks are returned for non-sufficient funds will be placed on a CASH-ONLY basis. Mastercard, VISA, Discover, American Express and PayPal.

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 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, carburetors, jets and carb parts. No credit is given for returns that are not in original condition, or if any parts of a kit are missing.

FOREIGN COUNTRIES: Foreign 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, Foreign checks and currency are not accepted. Contact L.A. SLEEVE CO. by telephone or e-mail before sending payment to confirm current prices and shipping charges.

CYLINDER SLEEVING, BIG BORE KITS: Please allow two (2) weeks plus shipping time. All modifications are done to your cylinder unless otherwise specified. When sending your cylinder and parts, please remove all manifolds, studs, bolts, power valves, etc. We are not responsible for any lost parts. Package your cylinder and head upright in a sturdy box with plenty of paper and cardboard. Include your piston if we are not supplying 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 priority mail shipping is available also.

CHANGE OF ADDRESS: Please inform us of changes to your shipping or mailing address, telephone and e-mail address. 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.

LOS ANGELES SLEEVE CO., INC. LIMITED WARRANTY

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. If the product is found by LOS ANGELES SLEEVE CO. to be defective, such products will, at LOS ANGELES SLEEVE CO.'s option, be replaced or repaired at cost to LOS ANGELES SLEEVE CO. All products alleged by Purchaser to be defective must be returned to LOS ANGELES SLEEVE CO., postage prepaid, within the 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 products 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.

The parties hereto expressly agree that the Purchaser's sole and exclusive remedy against LOS ANGELES SLEEVE CO. 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 LOS ANGELES SLEEVE CO. 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 LOS ANGELES SLEEVE CO. BUT WHICH IS NOT MANUFACTURED BY LOS ANGELES SLEEVE CO. IS NOT WARRANTED BY LOS ANGELES SLEEVE

CO. BUT IS SOLD ONLY WITH THE WARRANTIES, IF ANY, OF THE MANUFACTURERS THEREOF.

LOS ANGELES SLEEVE CO.'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 LOS ANGELES SLEEVE CO. TO BE DEFECTIVE, OR AT LOS ANGELES SLEEVE CO.'S OPTION, TO REFUND THE PURCHASE PRICE OF SUCH PRODUCT. IN NO EVENT SHALL LOS ANGELES SLEEVE CO. 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 to LOS ANGELES SLEEVE CO. 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.

Some states do not allow limitations on how long an implicit warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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