



Class Reference Manual – Section 4

**Continental Engine Model to ECi Cylinder Class Number to
Continental Cylinder, Piston, Rings, Guides, Seats, etc. Reference**

Revision 17, January 21, 2009

Replaces: October 8, 2007

Engine	Cyl. Class	Piston P/N	Ring Set No.	CR (:1)	Exhaust Valve	Exhaust Guide #	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss Reach	Legend
ALL A-65 Series	60.0	646295	101	6.3	639662	25276	24805	639661	21419	24806	S	
ALL A-75 Series	60.1	40577	101	6.3	639662	25276	24805	639661	21419	24806	S	
ALL C-90, C-145, O-200, & O-300 Series	61.0A	AEC530348	102	7.0	AEC646612	AEC24047	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL C-75, C-85, & C-125 Series	61.0B	654841	102	6.3	AEC646612	AEC24047	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL GO-300 Series	61.0C	654858	102	7.0	AEC646612	AEC24047	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL C-90, C-145, O-200, & O-300 Series	61.1D	AEC530348	102	7.0	AEC655971	AEC655526	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL C-75, C-85, & C-125 Series	61.1E	654841	102	6.3	AEC655971	AEC655526	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL GO-300 Series	61.1F	654858	102	7.0	AEC655971	AEC655526	AEC3923	AEC641792	AEC24024	AEC641793	S	
ALL E-165, E-185, & E-225 Series and O-470-7's, 11, 15, & A	64.0	AEC654729	106	7.0	AEC637781	AEC636242	AEC35967	AEC539988	AEC631496	AEC630591	S	* #
O-470-E & J; and IO-470-J & K	64.1	AEC654729	106	7.0	AEC637781	AEC636242	AEC35967	AEC539988	AEC631496	AEC630591	S	* #
IO-346 Series	65.0	654867	110	7.5	AEC637781	AEC631496-1	AEC35967	AEC539988	AEC631496	AEC630591	S	*
ALL IO-360 Series, EXCEPT IO-360-ES	66.0A	654861	112	8.5	646460	AEC639282	AEC635959	646459	AEC630262	AEC629702	S	*
TSIO-360-A, AB, B, BB, C, CB, D, DB, E, EB, F, FB, G, GB, H, HB, JB, KB, LB, & NB; and LTSIO-360-E, EB, & KB	66.0B	654859	112	7.5	646460	AEC639282	AEC635959	646459	AEC630262	AEC629702	S	*



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IO-360-ES and IO-240 and IOF-240 Series	66.2A	654861	112	8.5	646460	AEC639282	AEC635959	646459	AEC630262	646929	S	*
TSIO-360-MB, PB, RB, & SB LSTIO-360-RB	66.2B	654859	112	7.5	646460	AEC639282	AEC635959	646459	AEC630262	646929	S	*
O-470-4 & 13's	67.0	AEC646263	106	7.0	AEC626540	AEC631496-1	AEC35967	625821	AEC631496	AEC630591	S	*
O-470-B & BCI	67.1	AEC654721	106	8.0	AEC626540	AEC631496-1	AEC35967	625821	AEC631496	AEC630591	S	
O-470-K, L, R, & S	68.0A	AEC646263	106	7.0	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591 or AEC642318	S	#
<u>O-470-K, L, R, & S</u>	<u>68.3A</u>	<u>AEC646263</u>	<u>106</u>	<u>7.0</u>	<u>AEC637781</u>	<u>AEC636242</u>	<u>AEC35967</u>	<u>AEC539988</u>	<u>AEC643766</u>	<u>AEC642318-1</u>	<u>S</u>	<u>#</u>
O-470-G, M, & P; and IO-470-C, G, P, R, & T	68.0B	AEC654721	106	8.0	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591 or AEC642318	S	* #
<u>O-470-G, M, & P; and IO-470-C, G, P, R, & T</u>	<u>68.3B</u>	<u>AEC654721</u>	<u>106</u>	<u>8.0</u>	<u>AEC637781</u>	<u>AEC636242</u>	<u>AEC35967</u>	<u>AEC539988</u>	<u>AEC643766</u>	<u>AEC642318-1</u>	<u>S</u>	<u>* #</u>
O-470-U; IO-470-D, E, F, H, L, M, N, S, U, V, & VO; and LIO-470-A	70.0A	AEC648029	106	8.6	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591 or AEC642318	L	* #
<u>O-470-U; IO-470-D, E, F, H, L, M, N, S, U, V, & VO; and LIO-470-A</u>	<u>70.3A</u>	<u>AEC648029</u>	<u>106</u>	<u>8.6</u>	<u>AEC637781</u>	<u>AEC636242</u>	<u>AEC35967</u>	<u>AEC539988</u>	<u>AEC643766</u>	<u>AEC642318-1</u>	<u>L</u>	<u>* #</u>
TIO-470-B, C, & D	70.0B	655988	106	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591 or AEC642318	L	* #



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TIO-470-B, C, & D	70.3B	655988	106	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318-1	L	* #
IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, & NB	71.0A	AEC648045	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591	L	* #
IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, & NB	71.1A	AEC648045	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591	L	* # &
TSIO-520-A, AF, B, BB, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, U, UB, VB, & WB	71.1B	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC630591	L	* # &
IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, & NB	71.2A	AEC648045	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318	L	* # &
IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, & NB	71.4A	AEC648045	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318-1	L	* # &
TSIO-520-A, AF, B, BB, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, U, UB, VB, & WB	71.2B	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318	L	* # &
TSIO-520-A, AF, B, BB, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, U, UB, VB, & WB	71.4B	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318-1	L	* # &
IO-550-A, B, & C and IOF-550-B & C	71.2C	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318	L	* # &



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IO-550-A, B, & C and IOF-550-B & C	71.4C	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318-1	L	* # &
GTSIO-520-C, D, & H	72.0	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
GTSIO-520-C, D, & H	72.1	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
TSIO-520-BE and GTSIO-520-F, K, L, M, & N	73.0	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
IO-550-G and IOF-550-G	73.0A	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
TSIO-550-A, B, C, & E	73.0B	656171	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
IO-550-N, P, & R and IOF-550-N, P, & R	73.1	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	653928	L	* # & @
GTSIO-520-L, M, & N	74.0	AEC648044	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC636697	L	* # & @
IO-520-P; LIO-520-P; TSIO-520-AE; and LTSIO-520-AE	75.0	654836	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC643130	L	* # &
IO-550-D, E, F, & L; and IOF-550-D, E, F, & L	76.0	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318	L	* # &
IO-550-D, E, F, & L; and IOF-550-D, E, F, & L	76.3	AEC654857	110	8.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318-1	L	* # &
TSIOL-550-A, B, & C	77.0	656171	110	7.5	AEC637781	AEC636242	AEC35967	AEC539988	AEC643766	AEC642318	L	* # &