



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 235 C1	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C1A	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C1B	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C1C	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C2A	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C2B	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 C2C	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 E1	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 E1B	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 E2A	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 E2B	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 H2C	01.0	NS	73851	202	6.75	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 F1	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 F1B	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 F2A	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 F2B	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 G1	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 G1A	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 G1B	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 G2A	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 G2B	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 J2A	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 J2B	01.1	NS	LW18725	204	9.7	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 K2A	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 K2B	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 K2C	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 L2A	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 L2C	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 M1	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 M2	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 M2C	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 235 M3C	01.2	NS	AEL18729	204	8.5	AEL19034	AEL11626	AEL60337	AEL11901	AEL61681	AEL11900	S
O 235 N2A	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 235 N2C	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 235 P1	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 235 P2A	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 235 P2C	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 235 P3C	01.3	NS	AEL18729	204	8.5	AEL19034	AEL11626	LW16699	AEL11901	AEL61681	AEL11900	S
O 290 11	02.0	NS	69958	201	6.5	AEL19034	AEL11626	AEL72058	AEL11901	AEL61681	66528	S
O 290 D	02.0	NS	69958	201	6.5	AEL19034	AEL11626	AEL72058	AEL11901	AEL61681	66528	S
O 290 D2	03.0	NS	69841	201	7.5	AEL19034	AEL11626	AEL72058	AEL73938	AEL61681	AEL72057	S
O 290 D2A	03.1	NS	70396	201	7	AEL19034	AEL11626	AEL72058	AEL73938	AEL61681	AEL72057	S
O 290 D2B	03.1	NS	70396	201	7	AEL19034	AEL11626	AEL72058	AEL73938	AEL61681	AEL72057	S
O 290 D2C	03.1	NS	70396	201	7	AEL19034	AEL11626	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A1B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2C	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2D	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A3A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A3B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C2B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C2C	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C3B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C3C	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1C	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1F	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1J	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 320 E2A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2C	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2D	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2E	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2F	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2G	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2H	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E3D	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E3H	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 A1A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 A2A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 E1A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 E1B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 E2A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 E2B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 E1A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 E1B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 E2A	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 E2B	04.0	WD	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2D	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2E	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B3B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B3C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1AD	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1D	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1F	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 320 D2A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2F	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2G	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2H	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2J	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D3G	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1D	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1E	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B2A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 D1A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 D1AD	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 D1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 D1C	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 A1A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 A1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 A2A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 A2B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 B1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AIO 320 C1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
LIO 320 B1A	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 D1B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 320 D2B	04.1	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 C1A	05.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
IO 320 C1B	05.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
IO 320 C1F	05.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
IO 320 F1A	05.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
LIO 320 C1A	05.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 320	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A1A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2B	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A2C	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A3A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A3B	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 A3C	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E1B	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 E2C	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 A1A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 A2A	06.0	NS	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1A	07.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 320 B1B	07.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
LIO 320 B1A	07.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B1A	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B1B	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2A	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B2B	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B3A	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B3B	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 B3C	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1A	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D1B	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2A	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2B	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 D2C	08.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 320 C1A	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C1B	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C2A	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C2B	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C3A	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C3B	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 320 C3C	08.0A	ND	AEL75413	203	7	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 340 A1A	09.0A	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 340 A1B	09.0A	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 340 A2A	09.0A	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 340 B1A	09.0B	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 340 B2A	09.0B	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 B1A	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 B1B	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 B2A	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 B2B	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 D1A	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 D2A	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 D2B	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B1A5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B1B5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B1D5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2A5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2B5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2C5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2C5D	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B4A5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B4B5	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B4B5D	10.0	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 360 A1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1C	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2E	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A3A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A3D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1C	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1G	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2C	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HO 360 A1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HO 360 B1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HO 360 B1B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1C	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HIO 360 B1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HIO 360 B1B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1C5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A1D5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A2B	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A3D5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A4A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 540 A4B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A4C5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A4D5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 D1A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E1A	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4C5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 F1A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 F1B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 G1A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 G2A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C1B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C1C5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C2C	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4B5D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4C5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 D4A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 D4B5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 N1A5	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 N1A5D	10.1	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 A1A	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 A1A5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1A5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1B5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1C5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1D5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1E5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1F5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1A5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1B5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S



### Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 540 K1B5D	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1D5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1F5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K2A5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 L1A5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
HIO 540 A1A	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 540 L1B5	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 540 L1B5D	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 A1A	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 A1B	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 A1BD	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 D1B	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 D1BD	11.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
HIO 360 A1A	11.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
O 360 A1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1AD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1F6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1F6D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1G	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1G6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1G6D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1H	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1H6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1J	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1LD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A1P	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 360 A2G	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A2H	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A3A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A3AD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A3D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4AD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4G	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4J	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4JD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4K	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4M	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4N	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A4P	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 A5AD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1C	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1E	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C1G	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2C	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C2E	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C4F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 C4P	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 F1A6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 G1A6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HO 360 C1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1BD	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 360 B1D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1E	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1F6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B1G6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B2E	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B2F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B2F6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 B4A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 E1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 L2A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 M1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 M1B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
LO 360 A1G6D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
LO 360 A1H6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HIO 360 B1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HIO 360 B1B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
HIO 360 G1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1E	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1F6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1G6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B1H	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B2F	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B2F6	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 B4A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 H1A	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 360 H1B	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 A4D5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 540 E4B5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 E4C5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 G1A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 G1A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 G2A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H1A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H1A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H1B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H1B5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H2A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H2A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 H2B5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4B5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4D5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 C4D5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 D4A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 D4B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 D4C5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 N1A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 N1A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 T4A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 T4B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 T4B5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 T4C5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 V4A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 V4A5D	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 540 D4A5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 540 D4B5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 540 D4C5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
AEIO 540 D4D5	12.0	WD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 B1A	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 360 B2C	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 D2A	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2B5	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2C5	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B2C5D	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B4B5	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 B4B5D	12.2	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 360 A1A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1B6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1B6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1C	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1C6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1D6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A1D6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A2A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A2B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A2C	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A3B6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A3B6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 A3D6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1C	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1C6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1D6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1E6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1E6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 C1G6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 D1A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 J1AD	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 360 J1A6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 360 K2A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AIO 360 A1A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AIO 360 A1B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AIO 360 A2A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AIO 360 A2B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AIO 360 B1B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
LIO 360 C1E	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
LIO 360 C1E6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
LIO 360 C1E6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1B6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1B6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1C	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1D6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1E	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A1E6	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A2A	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A2B	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A2C	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A2E	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 360 A3B6D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1A5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1A5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1B5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1B5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1D5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1F5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1F5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1G5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1G5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S



## Class Reference Manual – Section 3

**Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference**

**Revision 16, October 8, 2007**

**Replaces: March 30, 2007**

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 540 K1H5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1J5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1J5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K1K5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 K2A5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 L1A5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 L1B5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 L1C5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 AE1A5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 540 L1B5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 540 L1B5D	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
AEIO 540 L1D5	13.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
HIO 360 A1A	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
HIO 360 A1B	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
HIO 360 C1A	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
HIO 360 C1B	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
LHIO 360 C1A	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
LHIO 360 C1B	13.2	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
HIO 360 D1A	13.3	WD	LW11487	203	10	AEL16740	AEL75838	AEL71894	73117	AEL66713	AEL72212	S
(T)IO 360 A3B6D	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 360 C1F	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1D5	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1B5	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1B5D	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1C5	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1E5	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1E5D	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 S1A5	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 A1B	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 A1BD	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L



## Class Reference Manual – Section 3

**Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference**

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 720 D1B	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 D1BD	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 D1C	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 D1CD	14.0	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 E1AD	14.2	WD	LW13358	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 E1BD	14.2	WD	LW13358	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 F1AD	14.2	WD	LW13358	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LHIO 360 F1AD	14.2	WD	LW13358	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 E1AD	14.3	WD	LW14610	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 E1BD	14.3	WD	LW14610	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
HIO 360 F1AD	14.3	WD	LW14610	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LHIO 360 F1AD	14.3	WD	LW14610	203	8	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 AA1A5	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 AA1B5	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 U2A	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 AE2A	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 AH1A	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 U2A	14.3A	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 360 A1A	14.4	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TIO 360 A1B	14.4	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TIO 360 A3B6	14.4	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
(T)IO 360 C1F	14.5	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IVO 360 A1A	15.0	ND	AEL75089	203	8.5	AEL19001	LW15680	AEL72058	AEL73938	AEL61681	AEL72057	S
IVO 360 A1A	15.1	WD	AEL75089	203	8.5	AEL19001	LW15680	AEL72058	AEL73938	AEL61681	AEL72057	L
VO 360 A1A	16.0	ND	AEL75089	203	8.5	AEL19001	LW15680	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
VO 360 A1B	16.0	ND	AEL75089	203	8.5	AEL19001	LW15680	AEL72058	AEL73938	AEL61681	AEL72057	S
VO 360 B1A	16.0	ND	AEL75089	203	8.5	AEL19001	LW15680	AEL72058	AEL73938	AEL61681	AEL72057	S
O 435 17	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 11	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 11A	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 11B	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C1B1	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2A	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2A2	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2B	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2B1	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2B2	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2B2-6	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GO 435 C2E	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GSO 435 B	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
GSO 435 B2	17.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 4	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 6	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 6A	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 21	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 23	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 23A	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 23B	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 23C	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
O 435 25	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1A	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1B	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1C	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1D	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1E	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
VO 435 A1F	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
TVO 435 A1A	18.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
VO 435 A1D	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
VO 435 A1E	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
VO 435 A1F	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 A1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 B1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 B1B	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 C1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 D1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 D1B	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 E1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 F1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 G1A	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
TVO 435 G1B	19.0	NS	75984	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
VO 435 B1A	19.0A	NS	76172	205	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	L
GO 480 B	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 B1	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 B1A6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 B1B	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 B1C	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 B1D	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 D1A	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 D1B	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F1A6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F2A6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F2D6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F3A6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F3B6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
GO 480 F4A6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 F4B6	21.0	NS	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C1B6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C1D6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C2C6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C2D6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C2E6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1A6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1B6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1D6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1E6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1F6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1G6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1H6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G1J6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G2D6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 G2F6	22.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
O 480 1	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
O 480 1A	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
O 480 3	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 A1A	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 A1A	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 A1A6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 A1B6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 A2A6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1A6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1B3	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1B6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1C6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1E6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1F6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
GSO 480 B1G6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B1J6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B2C6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B2D6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B2G6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GSO 480 B2H6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1A6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1B6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1C6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1D6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1E6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1F3	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1F6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
IGSO 480 A1G6	22.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	S
GO 480 C1B6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 C1D6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 C2C6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 C2D6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 C2E6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1A6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1B6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1D6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1E6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1F6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1G6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G1J6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G2D6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GO 480 G2F6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGO 480 A1A6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGO 480 A1F6	23.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
O 480 1	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L



### Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 480 1A	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
O 480 3	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 A1A6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 A1B6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 A2A6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1A6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1B3	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1B6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1C6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1E6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1F6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1G6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B1J6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B2C6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B2D6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B2G6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
GSO 480 B2H6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1A6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1B6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1C6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1D6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1E6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1F3	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1F6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IGSO 480 A1G6	23.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	73129	AEL66713	AEL71895	L
IO 540 B1A5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 B1B5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 B1C5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 E1A5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 E1B5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 E1C5	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 B1B	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S



### Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IO 720 C1B	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 720 C1BD	24.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	S
IO 540 G1A5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1B5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1C5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1D5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1E5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 G1F5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1B5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1B5D	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1C5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1E5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 K1E5D	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 P1A5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 S1A5	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 A1B	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 A1BD	25.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 J4A5	26.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
IO 540 R1A5	26.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 G1A	26.0	ND	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 C1A	26.1	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 E1A	26.1	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 H1A	26.1	ND	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 A1A	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 A1B	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 A1C	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 A2A	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 A2B	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 A2C	27.0	ND	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L



### Class Reference Manual – Section 3

#### Lycoming Engine Model to ECi Cylinder Class Number to Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
(T)IO 540 E1B5	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1A5	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1C5	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 B1B	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 C1B	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 C1BD	27.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 541 A1A	28.0	WDX	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	73117	76077	AEL72212	L
TIO 541 E1A4	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIO 541 E1B4	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIO 541 E1C4	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIO 541 E1D4	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIGO 541 D1A	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIGO 541 E1A	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIGO 541 G1AD	29.0	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
TIGO 541 D1B	29.1	WDX	AEL10545	203	7.3	LW18498	79046	AEL71894	LW13262	76077	AEL12688	L
IGO 540 A1A	30.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
IGO 540 A1B	30.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
IGO 540 A1C	30.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
IGSO 540 A1A	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO 540 A1C	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO 540 A1D	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO 540 A1E	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO 540 A1F	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO 540 A1H	31.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGO 540 A1A	31.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IGO 540 A1B	31.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L



## Class Reference Manual – Section 3

### Lycoming Engine Model to ECi Cylinder Class Number to Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine			Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
IGO	540	A1C	31.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IGO	540	B1A	32.0	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
IGSO	540	B1A	32.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
IGSO	540	B1C	32.1	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL71895	S
IGSO	540	B1A	33.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGSO	540	B1C	33.0	ND	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IGO	540	B1A	33.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IGO	540	B1B	33.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IGO	540	B1C	33.1	ND	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO	540	A1A	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	A2A	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1A	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1B	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1B3	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1C	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1D	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1E	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1F	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1G	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B1H3	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B2A	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B2C	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B2D	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B2E	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO	540	B2G	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
TVO	540	A1A	35.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
O	540	9	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 540 9A	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C1A	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C1B	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C1C3	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C2A	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C2B	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 C2C	35.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	S
VO 540 A1A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 A2A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1B	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1B3	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1C	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1D	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1E	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1F	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1G	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B1H3	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B2A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B2C	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B2D	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B2E	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 B2G	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TVO 540 A1A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TIVO 540 A2A	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TIVO 540 A2B	36.0	NX	AEL10208	203	7.3	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
O 540 9	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
O 540 9A	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 C1A	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 C1B	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 C1C3	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L



### Class Reference Manual – Section 3

#### Lycoming Engine Model to ECi Cylinder Class Number to Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
VO 540 C2A	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 C2B	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
VO 540 C2C	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
IVO 540 A1A	36.1	NX	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	LW12949	AEL66713	AEL72212	L
TIO 540 C1A	38.0	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 C1AD	38.0	WD	AEL75413	203	7.2	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 K1AD	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AA1AD	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AB1AD	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AB1BD	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AF1A	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AG1A	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AK1A	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
LTIO 540 K1AD	38.1	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TIO 540 AF1B	38.2	WD	LW12733	203	8	AEL19001	16R22021	AEL72058	AEL73938	AEL61681	AEL72057	L
IO 360 F1A	38.3	WD	AEL75089	203	8	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
O 435 A	39.0	ND	69958 *	201	6.5	AEL19034	AEL11626	AEL72058	AEL11901	AEL61681	66528	S
O 435 A2	39.0A	ND	66861 *	201	6.5	AEL19034	AEL11626	AEL72058	AEL11901	AEL61681	66528	S
TIO 540 A2C	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 F2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 J2B	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 J2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 N2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 R2AD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L

\* No longer available.



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
TIO 540 S1AD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
TIO 540 T2AD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 F2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 J2B	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 J2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 N2BD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
LTIO 540 R2AD	40.0	WD	AEL10545	203	7.3	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1A5	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1A5D	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1B5	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M1B5D	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 MIC5	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 M2A5D	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 U1A5D	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 540 U1B5D	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 B1B	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
IO 720 B1BD	40.1	WD	AEL10207	203	8.7	AEL16740	AEL75838	AEL71894	AEL13622	AEL66713	AEL12688	L
O 320 H1AD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 320 H1BD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 320 H2AD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 320 H2BD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 320 H3AD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 320 H3BD	41.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 360 E1A6D	42.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
LO 360 E1A6D	42.0	WD	AEL15357	203	9	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	S
O 540 J1A5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J1B5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J1C5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J1D5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S



## Class Reference Manual – Section 3

Lycoming Engine Model to ECi Cylinder Class Number to  
Lycoming Cylinder, Piston, Ring, Valve, Guide, Seat, etc. Reference

Revision 16, October 8, 2007

Replaces: March 30, 2007

Engine	Cyl. Class	Barrel Flange	Piston P/N	Ring Set	Comp. Ratio	Exhaust Valve	Exhaust Guide	Exhaust Seat	Intake Valve	Intake Guide	Intake Seat	S/P Boss
O 540 J2A5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J2B5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J2C5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J2D5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J3A5	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J3A5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 J3C5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 W1A5	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 W1A5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 W3A5D	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
IO 540 AB1A5	43.0	TWD	LW13396	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 360 J2A	43.1	TWD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 F1B5	43.1	TWD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	S
O 540 L3C5D	44.0	TWD	AEL75089	203	8.5	AEL19001	AEL74230	AEL72058	AEL73938	AEL61681	AEL72057	L
TO 360 C1A6D	46.0	WD	AEL10545	203	7.3	LW18497	16R21705	AEL71894	LW13262	76077	AEL12688	L
TO 360 F1A6D	46.0	WD	AEL10545	203	7.3	LW18497	16R21705	AEL71894	LW13262	76077	AEL12688	L
TIO 360 C1A6D	46.0	WD	AEL10545	203	7.3	LW18497	16R21705	AEL71894	LW13262	76077	AEL12688	L
TIO 540 V2AD	47.0	WD	AEL10545	203	7.3	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
TIO 540 W2A	47.0	WD	AEL10545	203	7.3	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
TIO 540 AJ1A	47.0	WD	AEL10545	203	7.3	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
LTIO 540 V2AD	47.0	WD	AEL10545	203	7.3	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
LTIO 540 W2A	47.0	WD	AEL10545	203	7.3	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
IO 540 ACIA5	47.0A	WD	AEL10207	203	8.7	LW18497	16R21710	AEL71894	LW13262	16P21709	AEL12688	L
TO 360 E1A6D	48.0	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	L
LTO 360 E1A6D	48.0	WD	LW12733	203	8	AEL19001	AEL74230	AEL72058	LW15314	AEL61681	AEL72057	L