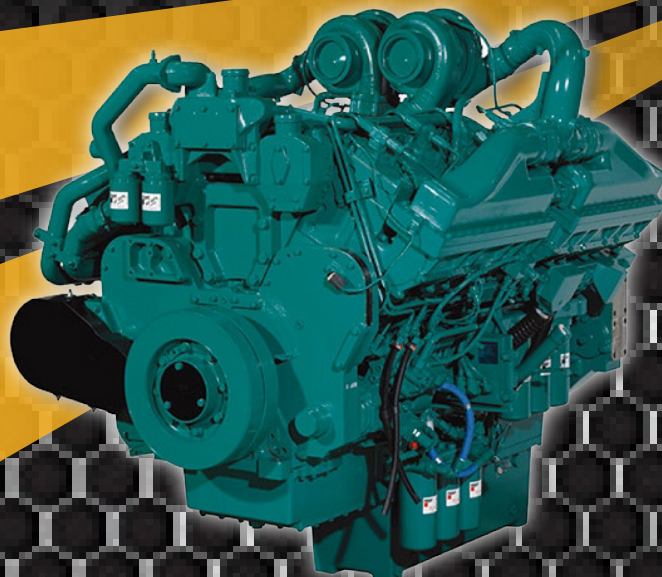




REPLACEMENT PARTS FOR

CUMMINS®

KT - QSK SERIES ENGINES



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CPL/MODEL LISTING

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
127	KT-1150-C-450	3096681	3631245	15.5:1		
150	KTA-2300-C/L	3096682	3631244	14.5:1		H
153	KT-1150-C-450	3096681	3631245	15.5:1		
159	KT1150-450	3096681	3631245	15.5:1		
171	KT-450	3096681	3631245	15.5:1		
179	KTA-2300-1050	3096682	3631244	14.5:1		H
183	KT-1150-450	3096681	3631245	15.5:1		
184	KTA-1150-600	3096682	3631244	14.5:1		
185	KT-1150-450	3096681	3631245	15.5:1		
212	KT-2300-900	3096681	3631245	15.5:1		
213	KTA-1150-M	3096681	3631245	15.5:1		
219	KT-1150-M	3096681	3631245	15.5:1		
228	KTA-2300-C/L/P-1200	3096682	3631244	14.5:1		H
229	KTA-2300-G/GS/GC	3096682	3631244	14.5:1		H
232	KT-1150-GS/GC	3096681	3631245	15.5:1		
245	KTA-1150-GS/GC	3096682	3631244	14.5:1		
251	KTA-1150-C/L/P-600	3096682	3631244	14.5:1		
252	KT-2300-GS/GC	3096681	3631245	15.5:1		
253	KT-2300-L-900	3096681	3631245	15.5:1		
268	KT-2300-M	3096681	3631245	15.5:1		
269	KTA-2300-M	3096681	3631245	15.5:1		H
274	KT-450	3096681	3631245	15.5:1		
275	KTA-2300-G/GS/GC	3096682	3631244	14.5:1		H
290	KT-1150-C-450	3096681	3631245	15.5:1		
291	KT-1150-G/GS/GC	3096681	3631245	15.5:1		
292	KTA-1150-G/GS/GC	3096682	3631244	14.5:1		
293	KTA-1150-C/A/P-525	3096681	3631245	15.5:1		
295	KT-2300-G/GS/GC	3096681	3631245	15.5:1		
296	KTA-2300-G/GS/GC	3096682	3631244	14.5:1		H
297	KT-1150-G/GS/GC	3096681	3631245	15.5:1		
302	KTC-450	3096681	3631245	15.5:1		
313	KTA-3067-P/L	3096682	3631244	14.5:1		H
334	KTA-525	3096681	3631245	15.5:1		
342	KTA-3067-M	3096681	3631245	15.5:1		H
343	KTA-3067-G/GS/GC	3096682	3631244	14.5:1		H
351	KTA-1150-C-700	3096680	3631246	13.8:1		
368	KTA-3067-G/GS/GC	3096682	3631244	14.5:1		H
378	KTA-3067-P/C	3096682	3631244	14.5:1		H
379	KTA-525	3096681	3631245	15.5:1		
385	KT-450	3096681	3631245	15.5:1		
386	KTA-600	3096682	3631244	14.5:1		

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All manufacturer's names, symbols and descriptions are used for reference only and it is not implied that any part is the product of these manufacturers.

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
398	KT-1150-C/L/P	3096681	3631245	15.5:1		
415	KT-1150-C/L	3096681	3631245	15.5:1		
438	KT-450	3096681	3631245	15.5:1		
439	KT-450	3096681	3631245	15.5:1		
440	KT-450	3096681	3631245	15.5:1		
441	KTA-600	3096682	3631244	14.5:1		
442	KTA-600	3096682	3631244	14.5:1		
444	KT-1150-C/L/P	3096681	3631245	15.5:1		
445	KT-1150-C/L	3096681	3631245	15.5:1		
446	KT-1150-G/GS/GC	3096681	3631245	15.5:1		
447	KTA-1150-C/L/P-600	3096682	3631244	14.5:1		
474	KT-1150-C-465	3096681	3631245	15.5:1		
475	KTA-1150-C-635	3096682	3631244	14.5:1		
476	KT-2300-G/GS/GC	3096681	3631245	15.5:1		
477	KT-2300-C/P/L-900	3096681	3631245	15.5:1		
478	KTA-2300-G/GS/GC	3096682	3631244	14.5:1		H
501	KTA-2300-C/P/L-1200	3096682	3631244	14.5:1		H
502	KT-2300-M	3096681	3631245	15.5:1		
503	KTA-2300-M	3096681	3631245	15.5:1		H
505	KTA-2300-G/GS/GC	3096682	3631244	14.5:1		H
508	KTA-2300-P	3096683	3631242	13.5:1		H
513	KTA-2300-P-1350	3096683	3631242	13.5:1		H
514	KTA-2300-C-1350	3096683	3631242	13.5:1		H
515	KTA-3067-C-1800	3096683	3631242	13.5:1		H
520	KTA-1150-GS/GC	3096682	3631244	14.5:1		
521	KTA-2300-C/L/P-1200	3096682	3631244	14.5:1		H
522	KTA-3067-C/L/P	3096682	3631244	14.5:1		H
526	KTA-3067-C/P	3096682	3631244	14.5:1		H
546	KTA-3067-C	3096682	3631244	14.5:1		H
569	KTTA-19-C/P/L	3096680	3631246	13.8:1	STC	
584	KT-1150-M	3096681	3631245	15.5:1		
610	KT-2300-C/P/L	3096681	3631245	15.5:1		
640	KT-1150-G	3096681	3631245	15.5:1		
644	KTTA-2300-C	3096683	3631242	13.5:1	STC	O
645	KTTA-3067-C	3096683	3631242	13.5:1	STC	O
672	KTA-19-G	3096682	3631244	14.5:1		
687	KTA-3067-G/GS/GC	3096682	3631244	14.5:1		H
688	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
693	KTTA-38-G/GS/GC	3096682	3631244	14.5:1	STC	O
720	KTA-19-M	3096680	3631246	13.8:1	STC	
724	KTA-19-M	3096681	3631245	15.5:1		

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
736	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
737	KTA-50-C/P/L	3096682	3631244	14.5:1		H
738	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
739	KTTA-19-G/GS/GC	3096682	3631244	14.5:1	STC	
756	KTA-19-730	3096680	3631246	13.8:1		
758	KTA-50-C	3096680	3631246	13.8:1	STC	O
768	KTTA-50-G/GS/GC	3096683	3631242	13.5:1	STC	O
801	KTA-19-600	3096682	3631244	14.5:1	STC	
809	KT-38-C	3096681	3631245	15.5:1		
810	KT-38-C	3096681	3631245	15.5:1		
816	KTTA-50-C	3096680	3631246	13.8:1	STC	O
823	KTA-38-P	3096683	3631242	13.5:1		H
824	KTA-38-G	3096682	3631244	14.5:1		H
841	KTTA-19-C/L/P	3096680	3631246	13.8:1	STC	
844	KTA-38-C-1050	3096680	3631246	13.8:1	STC	O
846	KTTA-50-G/GS/GC	3096683	3631242	13.5:1	STC	O
850	KT-38-G/GS/GC	3096681	3631245	15.5:1		
851	KTA-38-G/GS/GC	3096682	3631244	14.5:1		H
852	KTA-38-G/GS/GC	3096682	3631244	14.5:1		H
853	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
854	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
855	KT-38-M/G/GS/GC	3096681	3631245	15.5:1		
859	KTA-38-C-1200	3096680	3631246	13.8:1	STC	O
860	KTTA-19-P	3096680	3631246	13.8:1	STC	
861	KTA-50-M	3096681	3631245	15.5:1		H
862	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
863	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
864	KTA-38-G/GS/GC	3096682	3631244	14.5:1		H
865	KTA-38-M	3096681	3631245	15.5:1		H
866	KTA-38-G/GS/GC	3096682	3631244	14.5:1		H
867	KTA-2300-P	3096683	3631242	13.5:1		H
868	KTA-2300-P-1350	3096683	3631242	13.5:1		H
869	KTA-38-C/P/L	3096682	3631244	14.5:1		H
870	KTA-50-C/P/L	3096682	3631244	14.5:1		H
871	KTA-50-C/P	3096682	3631244	14.5:1		H
872	KTTA-2300-C/L	3096683	3631242	13.5:1	STC	O
873	KTTA-3067-C	3096683	3631242	13.5:1	STC	O
874	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
875	KTA-50-G/GS/GC	3096682	3631244	14.5:1		H
876	KTTA-38-G/GS/GC	3096682	3631244	14.5:1	STC	O
877	KTA-38-G	3096682	3631244	14.5:1		H

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
878	KTA-50-C	3096680	3631246	13.8:1	STC	O
879	KT-38-C/L/P	3096681	3631245	15.5:1		
884	KT-19-G/GS/GC	3096681	3631245	15.5:1		
885	KTA-19-G/GS/GC	3096682	3631244	14.5:1		
886	KTA-19-G/GS/GC	3096682	3631244	14.5:1		
888	KTA-19-G	3096682	3631244	14.5:1		
889	KTA-38-G	3096682	3631244	14.5:1		
898	KT-38-G/GS/GC	3096681	3631245	15.5:1		
900	KT-38-G/GS/GC	3096681	3631245	15.5:1		
901	KT-38-C/L/P	3096681	3631245	15.5:1		
918	GTA38	4090181	4089847			
920	GQSK38	4916177	4955238			
951	KTAA-19-C	3096685	3631241	13.9:1	STC	
952	KTA-19-M	3096681	3631245	15.5:1		
968	KTAA-50-C/L	3096685	3631241	13.9:1	STC	L
969	KTA-19-M	3096681	3631245	15.5:1		
975	KT-38-M	3096681	3631245	15.5:1		
976	KTA-38-M	3096681	3631245	15.5:1		H
977	KTA-50-M	3096681	3631245	15.5:1		H
1157	GQSK19	4916177	4955238			
1170	KTAA-19-G	3096685	3631241	13.9:1	STC	
1190	KTA-19-R	3096682	3631244	14.5:1		
1219	KTA-50-G	3096685	3631241	13.9:1	STC	L
1250	KTAA-50-C-2000	3628731	3803530		STC	L
1251	KTA-38-G	3096685	3631241	13.9:1	STC	O
1253	KTAA-19-C/R/P/L	3096685	3631241	13.9:1	STC	
1254	KTAA-50-G	3096685	3631241	13.9:1	STC	L
1299	KTA-38-G	3096682	3631244	14.5:1		O
1300	KTA-38-G	3096682	3631244	14.5:1		O
1319	KTA-19-M	3096685	3631241	13.9:1	STC	
1430	KTA-19-R	3096685	3631241	13.9:1	STC	
1455	KTA-19-G	3096685	3631241	13.9:1	STC	
1456	KTA-19-G	3096685	3631241	13.9:1	STC	
1457	KTA-19-G	3096685	3631241	13.9:1	STC	
1458	KTA-19-G	3096685	3631241	13.9:1	STC	
1466	QSK38CE	4910465	4955235		CM850	LTA
1470	QSK19CE	4918058	4090029		CM850	CAC
1485	QSK19GE	4910465	4955235		CM850	CAC
1492	QSK50GE	4910465	4955235		CM850	LTA
1495	KTA-38-G	3096685	3631241	13.9:1	STC	O
1496	KTA-38-G	3096685	3631241	13.9:1	STC	O

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
1497	KTA-38-G	3096685	3631241	13.9:1	STC	O
1498	KTA-38-G	3096685	3631241	13.9:1	STC	O
1499	KTTA-19-C	3096685	3631241	13.9:1	STC	
1506	KTA-19-C	3096684	3631243	15.7:1		
1528	KTA-50-G	3096685	3631241	13.9:1	STC	L
1541	KTA-38-G	3096685	3631241	13.9:1	STC	O
1542	KTA-38-G	3096685	3631241	13.9:1	STC	O
1543	KTA-38-G	3096685	3631241	13.9:1	STC	O
1544	KTA-50-G	3096685	3631241	13.9:1	STC	L
1602	KTA-50-C	3628731	3803530		STC	L
1628	KT-2300	3096680	3631246	13.8:1	STC	O
1645	GQSK19	4916177	4955238			
1657	KTA-50-G	3096685	3631241	13.9:1	STC	L
1764	QSK50CE	4910465	4955235		CM850	LTA
1970	KTA-38	3628731	3803530		STC	L
2008	QSK19C-600	4922319	4955236			
2009	QSK19C-750	4910463	4955233			LTA
2010	QSK19C-600	4922319	4955236			
2039	KTA-19-600	3096682	3631244	14.5:1	STC	
2052	KTA-19M3	3096680	3631246	13.8:1	STC	O
2053	KTA-19M3	3628731	3803530		STC	
2090	QSK19M-760	4910463	4955233			LTA
2115	KTA50-M2	3628731	3803530		STC	L
2152	KTA-19-M3	3628731	3803530		STC	
2159	KTA-50-G5	3096685	3631241	13.9:1	STC	L
2163	KTA-38-M1	3096685	3631241	13.9:1	STC	L
2166	KTA-38-M	3096685	3631241	13.9:1	STC	L
2184	KTA-19	3096681	3631245	15.5:1		
2203	KTTA-38	3628731	3803530		STC	L
2225	QSK19C-500	4922319	4955236			
2227	KTA-50-G3	3096685	3631241	13.9:1	STC	L
2260	QSK19R-750	4910463	4955233			CAC
2309	KTTA-50-C	3096680	3631246	13.8:1	STC	O
2310	KTA-38-M2	3628731	3803530		STC	L
2311	KTA-50-M2	3628731	3803530		STC	L
2312	KTA-38-M1	3096685	3631241	13.9:1	STC	L
2313	KTA-38-M	3096685	3631241	13.9:1	STC	L
2314	KTA-50-L	3096680	3631246	13.8:1	STC	O
2315	KTA-50-C	3096680	3631246	13.8:1	STC	O
2316	KTA-38-L1	3096680	3631246	13.8:1	STC	O
2317	KTTA-38-L	3096683	3631242	13.5:1	STC	O

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
2319	KTТА-50-С2000	3628731	3803530		STC	L
2320	КТА-50-С	3096680	3631246	13.8:1	STC	O
2321	КТА-50-С1800	3628731	3803530		STC	L
2322	KTТА-38-Л	3096683	3631242	13.5:1	STC	O
2323	КТА-38-С	3096680	3631246	13.8:1	STC	O
2325	КТА-50-С	3096680	3631246	13.8:1	STC	O
2327	КТА-38-С	3096680	3631246	13.8:1	STC	O
2328	КТА-50-С	3096680	3631246	13.8:1	STC	O
2329	КТА-50-С	3096680	3631246	13.8:1	STC	O
2354	КТА-50-Г8		3804885		STC	L
2355	КТА-50-Г9		3804885		STC	L
2356	КТА-19-М3 / М4	3628731	3803530		STC	
2404	КТА-38-М2	4097889	4090013		STC	L
2418	QSK19R-750	4910463	4955233			LTA
2420	KTТА-50-С2000	3628731	3803530		STC	L
2421	КТА-38-С1200	3069980	3631246	13.8:1	STC	O
2527	КТА-50-Г9	3096685	3631241	13.9:1	STC	L
2533	КТА-50-Г9	3096685	3631241	13.9:1	STC	L
2558	QSK19C-600	4922319	4955236			
2559	QSK19C-750	4910463	4955233			LTA
2560	QSK19C-500	4922319	4955236			
2589	КТА50-М2	4097889	4090013		STC	L
2634	КТА-19	3096682	3631244	14.5:1		
2635	КТА-19	3096685	3631241	13.9:1	STC	
2636	КТА-19	3096685	3631241	13.9:1	STC	
2641	КТА50-С1800	3628731	3803530		STC	L
2754	QSK19CE	4918058	4090029		CM850	CAC
2755	QSK19CE	4918058	4090029		CM850	CAC
2756	QSK19CE	4910465	4955235		CM850	CAC
2757	QSK19CE	4918058	4090029		CM850	CAC
2758	QSK38CE	4910465	4955235		CM850	LTA
2759	QSK38CE	4910465	4955235		CM850	LTA
2760	QSK50CE	4910465	4955235		CM850	LTA
2761	QSK50CE	4910465	4955235		CM850	LTA
2762	QSK50CE	4910465	4955235		CM850	LTA
2768	QSK19CE	4910465	4955235		CM850	CAC
2771	QSK50GE	4910465	4955235		CM850	LTA
2810	QSK19C-600	4922319	4955236			
2838	QSK19C	4910464	4955234			CAC
2882	QSK19CE	4910465	4955235		CM850	CAC
2910	КТА-19-Г	3096680	3631246		STC	

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
2912	QSK50GE	4910465	4955235		CM850	LTA
2913	KTTA50-C2000	3628731	3803530		STC	L
2914	KTTA50-C2000	3628731	3803530		STC	L
2927	QSK19R-750	4910463	4955233			CAC
2936	KTTA38-C1800	3628731	3803530		STC	L
2959	QSK50CE	4910465	4955235		CM850	LTA
3075	QSK19R-750	4910463	4955233			CAC
3080	QSK50CE	4910465	4955235		CM850	LTA
3138	QSK50GE	4910465	4955235		CM850	LTA
3140	QSK50GE	4910465	4955235		CM850	LTA
3170	QSK50-DM	4910465	4955235		CM850	LTA
3232	QSK19CE	4910465	4955235		CM850	CAC
3240	QSK19CE	4918058	4090029		CM2150	CAC
3242	QSK19CE	4910465	4955235		CM2150	CAC
3242	QSK19CE	4910465	4955235		CM850	CAC
3265	QSK38G3	4910465	4955235		CM850	LTA
3266	QSK38GE	4910465	4955235		CM850	LTA
3267	QSK38G3	4910465	4955235		CM850	LTA
3267	QSK38GE	4910465	4955235		CM850	LTA
3267	QSK38GE	4910465	4955235		CM850	LTA
3300	QSK50CE	4910465	4955235		CM850	LTA
3302	QSK19GE	4910465	4955235		CM850	CAC
3329	QSK50CE	4910465	4955235		CM850	LTA
3341	GTA19	4090181	4089847			
3377	QSK50GE	4910465	4955235		CM2150	LTA
3379	QSK50CE	4910465	4955235		CM2150	LTA
3380	QSK38CE	4910465	4955235		CM2150	LTA
3391	QSK50CE	4910465	4955235		CM2150	LTA
3420	GQSK19	4916177	4955238			
3437	QSK19CE	4910465	4955235		CM850	CAC
3455	QSK19CE	4910465	4955235		CM850	CAC
3512	QSK38GE	4910465	4955235		CM2150	LTA
3548	QSK50CE	4910465	4955235		CM2150	LTA
3621	QSK50GE	4910465	4955235		CM2150	LTA
3624	QSK50GE	4910465	4955235		CM2150	LTA
3625	QSK50GE	4910465	4955235		CM2150	LTA
3666	QSK19CE	4918058	4090029		CM2150	CAC
3669	QSK50CE	4910465	4955235		CM2150	LTA
3716	QSK19CE	4910465	4955235		CM2150	CAC
3728	QSK50CE	4910465	4955235		CM2150	LTA
3738	QSK38CE	4910465	4955235		CM2150	LTA

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CPL/MODEL LISTING (CONT.)

CPL#	Model	Piston	Piston Kit	Ratio	Note: A	Note: B
3798	QSK19CE	4918058	4090029		CM2150	CAC
3905	QSK50CE	4910465	4955235		CM2150	LTA
4150	KTA-19-M3	3096685	3631241	13.9:1	STC	
4151	KTA-19-M3	3096685	3631241	13.9:1	STC	
4153	KTA-19-G4	3096685	3631241	13.9:1	STC	
4154	QSK38GE	4910465	4955235		CM2150	LTA
4230	QSK19GE	4918058	4090029		CM2150	CAC
4241	QSK50CE	4910465	4955235		CM2150	LTA
4270	QSK19GE	4910465	4955235		CM2150	CAC
4574	GQSK19	4916177	4955238			
6207	KTA-50-C	3096680	3631246	13.8:1	STC	O
6215	KTA-38-L1	3096680	3631246	13.8:1	STC	O
6225	KTA-38-G5	3096685	3631241	13.9:1	STC	O
6229	KTA-50-G3 / G5	3096685	3631241	13.9:1	STC	L
6230	KTA-50-G3	3096685	3631241	13.9:1	STC	L
6231	KTA-50-G3	3096685	3631241	13.9:1	STC	L
6238	KTA-50-G7	3630913	3804747		STC	L
6240	KTA-50	3096685	3631241	13.9:1	STC	L
6241	KTA-50-G5 / G5 / G7	3096685	3631241	13.9:1	STC	L
6242	KTA-50-C	3096680	3631246	13.8:1	STC	O
8063	KTA50-M2	4097889	4090013		STC	L
8193	QSK19M-760	4910463	4955233			LTA
8279	QSK19C	4910465	4955235			CAC
8280	QSK19C	4910465	4955235			CAC
8524	QSK50CE	4910465	4955235		CM850	LTA
8533	QSK19CE-700	4918058	4090029		CM850	CAC
8575	QSK50CE	4910465	4955235			
8577	GQSK19	4916177	4955238			
8605	QSK19CE-525	4918058	4090029		CM850	CAC
8719	QSK19CE-525	4918058	4090029		CM850	CAC

****Note: A** - This indicates variable mechanical timing (STC) or the electronic control module type (CM)

****Note: B** - The letter codes indicate the type of aftercooling used.

H = "High" box original type cooler mounted between the cylinder banks

O = Outboard style cooler mounted thru the top of the intake manifolds outboard of each cylinder bank

L = Low temperature aftercooling

CAC = Charge-Air-Aftercooling

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CYLINDER LINERS

KT19 - BLOCK TYPE #1 ONLY

ESN 31100101 TO 31101149 & 31101150 TO 31103628

PART #		SIZE	FLANGE		LPF
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.
3022157	3007525	STD / STD	.526" - .527"	7.4925" - 7.4945"	7.158" - 7.160"
3023017	3012611	.010" / STD	.536" - .537"	7.5025" - 7.5045"	7.158" - 7.160"
3023018	3012612	.020" / STD	.546" - .547"	7.5125" - 7.5145"	7.158" - 7.160"
3023019	3801268	.030" / STD	.556" - .557"	7.5225" - 7.5245"	7.158" - 7.160"
3023020	3801269	.040" / STD	.566" - .567"	7.5325" - 7.5345"	7.158" - 7.160"

KT19 - BLOCK TYPE #2 THIN FLANGE

ESN 31103629 TO 31121669

PART #		SIZE	FLANGE		LPF	D-TYPE SEAL PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
4009227	4024770	STD / STD	.305" - .306"	7.400" - 7.402"	7.093" - 7.095"	4333984	4371770

QSK19 & KT19 - BLOCK TYPE #3 THICK FLANGE

ESN 31121670 & UP AND 37000001 & UP

FLAT SEAL PART #		SIZE	FLANGE		LPF	D-TYPE SEAL PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
4009220	4024767	STD / STD	.528" - .529"	7.409" - 7.411"	7.093" - 7.095"	4308809	4371769
4009221	4024768	.020" / STD	.528" - .529"	7.429" - 7.431"	7.093" - 7.095"	N/A	N/A
4009222	4024769	.040" / STD	.528" - .529"	7.449" - 7.451"	7.093" - 7.095"	N/A	N/A
4009233	4024775	.060" / STD	.528" - .529"	7.469" - 7.471"	7.093" - 7.095"	4333989	4371773
4009228	4024771	.083" / STD	.528" - .529"	7.492" - 7.494"	7.093" - 7.095"	N/A	N/A
4009230	4024772	.095" / STD	.528" - .529"	7.504" - 7.506"	7.093" - 7.095"	N/A	N/A
N/A	N/A	.010" / .010"	.528" - .529"	7.419" - 7.421"	7.103" - 7.105"	4371641	4371774
4009231	4024773	.020" / .020"	.528" - .529"	7.429" - 7.431"	7.113" - 7.115"	4333987	4371771
N/A	N/A	.030" / .030"	.528" - .529"	7.439" - 7.441"	7.123" - 7.125"	4371767	4371776
N/A	N/A	.040" / .040"	.528" - .529"	7.449" - 7.451"	7.133" - 7.135"	4371642	4371775
4009232	4024774	.060" / .020"	.528" - .529"	7.469" - 7.471"	7.113" - 7.115"	4333988	4371772
4009234	4024776	.083" / .064"	.528" - .529"	7.4925" - 7.4945"	7.158" - 7.160"	N/A	N/A

QSK19

CM850 & CM2150

PART #		SIZE	FLANGE		LPF	D-TYPE SEAL PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
4916451	4090054	STD / STD	.528" - .533"	7.409" - 7.411"	7.093" - 7.095"	4333991	4371779
N/A	N/A	.010" / .010"	.528" - .533"	7.419" - 7.421"	7.103" - 7.105"	4333993	4371780
N/A	N/A	.020" / .020"	.528" - .533"	7.429" - 7.431"	7.113" - 7.115"	4333996	4371783
N/A	N/A	.030" / .030"	.528" - .533"	7.439" - 7.441"	7.123" - 7.125"	4333994	4371781
N/A	N/A	.040" / .040"	.528" - .533"	7.449" - 7.451"	7.133" - 7.135"	4333995	4371782

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CYLINDER LINERS

KTA38 / KTA50

PART #		SIZE	FLANGE		LPF	D-TYPE SEAL PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
3022157	3007525	STD / STD	.526" - .527"	7.4925" - 7.4945"	7.158" - 7.160"	4308809	4371769
3022157	2885786*	STD / STD	.526" - .527"	7.4925" - 7.4945"	7.158" - 7.160"	N/A	N/A
3023017	3012611	.010" / STD	.536" - .537"	7.5025" - 7.5045"	7.158" - 7.160"	N/A	N/A
3023018	3012612	.020" / STD	.546" - .547"	7.5125" - 7.5145"	7.158" - 7.160"	4333989	4371773
3023019	3801268	.030" / STD	.556" - .557"	7.5225" - 7.5245"	7.158" - 7.160"	N/A	N/A
3023020	3801269	.040" / STD	.566" - .567"	7.5325" - 7.5345"	7.158" - 7.160"	N/A	N/A

QSK38 / QSK50

PART #		SIZE	FLANGE		LPF	REFERENCE PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
4916452	4955328	STD / STD	.526" - .527"	7.4925" - 7.4945"	7.158" - 7.160"		
In Development	In Development	.010" / STD	.536" - .537"	7.5025" - 7.5045"	7.158" - 7.160"	3648481	4352244
In Development	In Development	.020" / STD	.546" - .547"	7.5125" - 7.5145"	7.158" - 7.160"	3648482	4352245
In Development	In Development	.030" / STD	.556" - .557"	7.5225" - 7.5245"	7.158" - 7.160"	3648483	4352246
In Development	In Development	.040" / STD	.566" - .567"	7.5325" - 7.5345"	7.158" - 7.160"	3648684	4352247
3023020	3801269	.040" / STD	.566" - .567"	7.5325" - 7.5345"	7.158" - 7.160"	N/A	N/A



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CYLINDER COMPONENTS

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
3631241	6	12	16	Piston Kit - Aluminum	Ref. (3096685) Piston
3631242		12	16	Piston Kit - Aluminum	Ref. (3096683) Piston
3631243	6			Piston Kit - Aluminum	Ref. (3096684) Piston
3631244	6	12	16	Piston Kit - Aluminum	Ref. (3096682) Piston
3631245	6	12	16	Piston Kit - Aluminum	Ref. (3096681) Piston
3631246	6	12	16	Piston Kit - Aluminum	Ref. (3096680) Piston
3803530	6	12	16	Piston Kit - Aluminum	Ref. (3628731) Gallery Cooled Piston
4090013		12	16	Piston Kit - Aluminum	Ref. (4097889) Gallery Cooled Piston
3804746	6	12	16	Piston Kit - Aluminum	Ref. (3081725) Piston
3804747		12	16	Piston Kit - Aluminum	Ref. (3630913) Piston
3804885			16	Piston Kit - Aluminum	Ref. (3630916) Piston
4089847	6	12		Piston Kit - Aluminum	Ref. (4090181) CNG - Deep Dish
4955238	6	12		Piston Kit - Aluminum	Ref. (4916177) CNG - Gallery Cooled
4090029	6			Piston Kit - Ductile Iron	Ref. (4918058) Piston - Scalloped Pin
4352366	6			Piston Kit - Ductile Iron	Ref. (4918058) Piston - Straight Pin
4352138	6			Piston Kit - Ductile Iron	Ref. (4322613) Piston - Scalloped Pin
4352367	6		16	Piston Kit - Ductile Iron	Ref. (4322613) Piston - Straight Pin
4955233	6			Piston Kit - Ductile Iron	Ref. (4910463) Piston - Scalloped Pin
4352368	6			Piston Kit - Ductile Iron	Ref. (4910463) Piston - Straight Pin
4955234	6			Piston Kit - Ductile Iron	Ref. (4910464) Piston - Scalloped Pin
4352369	6			Piston Kit - Ductile Iron	Ref. (4910464) Piston - Straight Pin
4955235	6	12		Piston Kit - Ductile Iron	Ref. (4910465) Piston - Scalloped Pin
4955325	6	12	16	Piston Kit - Ductile Iron	Ref. (4910465) Piston - Straight Pin
4955236	6			Piston Kit - Ductile Iron	Ref. (4922319) Piston - Scalloped Pin
4352371	6			Piston Kit - Ductile Iron	Ref. (4922319) Piston - Straight Pin
2881745	6	12	16	Piston Ring Set	Natural Gas
4090028	6	12	16	Piston Ring Set *	
4309245			16	Piston Ring Set *	
4309503			16	Piston Ring Set *	
4352282	6			Piston Ring Set *	
4352358	6	12		Piston Ring Set *	
4955975	6	12	16	Piston Ring Set *	
4955976		12	16	Piston Ring Set *	
4095009	6	12	16	Piston Pin	Aluminum Piston
4916767	6	12	16	Piston Pin - Scalloped	Iron Piston
4910289	6	12	16	Piston Pin - Straight	Iron Piston
205269	12	24	32	Piston Pin Retainer	

* Ring set selection is determined by engine model, application, and piston type. Refer to OEM service literature for current recommendations.

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CYLINDER COMPONENTS (CONT.)

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
4024779	6			Liner Seal Kit	
- 4000504	1			- Upper Crevice Seal	Flat type
- 3081489	1			- Lower Crevice Seal	
- 3011076	1			- D-ring Seal	Center (black)
- 3014668	1			- D-ring Seal	Lower (red)
4371786	6			Liner Seal Kit	
- 4308855	1			- Upper Crevice Seal	D-ring type
- 3081489	1			- Lower Crevice Seal	
- 3011076	1			- D-ring Seal	Center (black)
- 3014668	1			- D-ring Seal	Lower (red)
AR70577		12	16	Liner Seal Kit	
- 3081489		1	1	- Lower Crevice Seal	
- 3011076		1	1	- D-ring Seal	Center (black)
- 3014668		1	1	- D-ring Seal	Lower (red)
3011884		12	16	Liner Insert	.1995" thick
3088298	6			Liner Seal Ring	.0205"
3007517	6			Piston Cooling Nozzle	w/Seal
In Development		12	16	Connecting Rod	Ref. (3632225)
3811995	6			Connecting Rod	Ref. (3418553)
3013265	12			Connecting Rod Bolt	Fracture Resistant
205126	12	24	32	Connecting Rod Washer	
69558	24	48	64	Connecting Rod Dowel Pin	

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CAUTION: Piston kits above must be used in full engine sets and cannot be mixed in an engine.
 Always verify ESN for proper fitment.

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GASKET SETS

MODEL	UPPER	SINGLE HEAD	LOWER	NOTE
KT19	4352576	4352577	4089390	Non-Aftercooled 2pc Gear Housing
			4089391	Non-Aftercooled 1pc Gear Housing
KTA19	4352578	4352577	4089390	Aftercooled 2pc Gear Housing
			4089391	Aftercooled 1pc Gear Housing
KTTA19*	4352578	4352577	4089390	Aftercooled 2pc Gear Housing
			4089391	Aftercooled 1pc Gear Housing
			* Must also use Supplemental STC Gasket Set 3801895	
GTA19	4352573	P205362	4376512	
QSK19	4352582	4352583	4676512	
	4352587	4089376	4089717	MCRS
	4376267	4376269	4089717	MCRS w/ EGR
QSKTA19ME	5405990	N/A	5406198	Marine - MCRS CM2150
KT/KTA38	4352580	4352579	3804301	
KTA38	4089848	N/A	4956090	LTA/STC Units
KTTA38*	4352580	4352579	3804301	
	* Must also use Supplemental STC Gasket Set 3801896			
KTA50	4352581	4352579	3804300	
	4376342	N/A	3804300	LTA/STC Units
KTTA50*	4352581	4352579	3804300	
	* Must also use Supplemental STC Gasket Set 3801897			



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MODULAR GASKET SETS

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
Quadrant Cylinder Head*	4352593	4	4352589	4	Dry Exhaust Manifold
	4352592	4	4352591	4	Water Cooled Exhaust
Quadrant Aftercooler*	4956055	4	4955818	4	Dry Exhaust Manifold
	4956045	4	4956035	4	Water Cooled Exhaust
Single Cylinder Head	P270785	12	P270785	16	Dry Exhaust Manifold
	P270790	12	P270790	16	Water Cooled Exhaust
Turbocharger*	P270786	2	P270786	2	Single Stage Dry Exhaust
	N/A		P270791	2	Dual Stage Dry Exhaust
	P270795	2	P270795	2	Water Cooled Exhaust
Cooling System*	P270789	1	P270794	1	Dry Exhaust
	In Development		In Development		Water Cooled Exhaust
Cylinder Liner Seal	AR70577	12	AR70577	16	Services Single Cylinder Liner
Injector Installation Set	P269190	12	P269190	16	Services Single Injector
Lower Fuel System	4955823	1	4955823	1	
Front Housing	P270788	1	P270788	1	
Rear Housing	P270793	1	P270793	1	Dry Flywheel Housing
	P270796	1	P270796	1	Wet Flywheel Housing
Lower Cylinder Block	P270800	1	P270800	1	
Oil Pan	P270787	1	P270787	1	
Water Pump	P270797	1	P270797	1	
	P271313	1	P271313	1	Dual Impeller

*=Sets for top end overhaul

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ENGINE BEARINGS

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
205840	12			Connecting Rod Bearing	
205841	12			Connecting Rod Bearing - .010"	
205842	12			Connecting Rod Bearing - .020"	
205843	12			Connecting Rod Bearing - .030"	
3047390		24	32	Connecting Rod Bearing	
3047391		24	32	Connecting Rod Bearing - .010"	
3047392		24	32	Connecting Rod Bearing - .020"	
3047393		24	32	Connecting Rod Bearing - .030"	
AR12270	1			Main Bearing Set	
AR12271	1			Main Bearing Set - .010"	
AR12272	1			Main Bearing Set - .020"	
AR12273	1			Main Bearing Set - .030"	
AR12250		1		Main Bearing Set	
AR12251		1		Main Bearing Set - .010"	
AR12252		1		Main Bearing Set - .020"	
AR12253		1		Main Bearing Set - .030"	
3018210			1	Main Bearing Set	
3018211			1	Main Bearing Set - .010"	
3018212			1	Main Bearing Set - .020"	
3018213			1	Main Bearing Set - .030"	
3043909	6	12	16	Connecting Rod Bushing	
3081677	7			Camshaft Bearing	
3002834	7			Camshaft Bearing	ESN=31103629 & Up
205230		26	34	Camshaft Bearing	
130083	2	2	2	Idler Gear Thrust Bearing	

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CRANKSHAFTS - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3096362	1			Crankshaft	
3176424		1		Crankshaft	
3629276			1	Crankshaft	
206904	1	1	1	Woodruff Key	

CRANKSHAFTS - QSK19, QSK38, QSK50

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
4371597	1			Crankshaft	
4099004		1		Crankshaft	Ref. (4099003) Bare - No Weights
4098998			1	Crankshaft	Ref. (4098997) Bare - No Weights

CRANKSHAFT SEALS & CYLINDER BLOCK

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
3016792	1			Front Crankshaft Seal	
3331663	1			Front Crankshaft Dust Seal	
3006236	1			Front Repair Sleeve	Use w/ STD Seal - .012" thick
3006236S	1			Front Wear Sleeve	
3804703	1			Front Seal Assembly	Unitized
3870890	1			Rear Crankshaft Seal	Dry Flywheel Housing
3005886	1			Rear Crankshaft Seal	Wet Flywheel Housing
3006237	1			Rear Repair Sleeve	Use w/ STD Seal - .012" thick
4089902	1			Rear Seal Assembly	Unitized
205247	1			Rear Seal Mounting O-ring	
3016792		1	1	Front Crankshaft Seal	
3006236		1	1	Front Repair Sleeve	Use w/ STD Seal - .012" thick
3630681		1	1	Rear Crankshaft Seal	Dry Flywheel Housing
3005887		1	1	Rear Crankshaft Seal	Wet Flywheel Housing
3006238		1	1	Rear Repair Sleeve	Use w/ STD Seal - .012" thick
217322	1			Vibration Damper	13.5" OD
3628652		1		Vibration Damper	
205133	1	1		Front Cover Gear Bushing	
207259	1			Crankshaft Gear	
206904	1			Woodruff Key	Plain
200861	AR			Washer - Flywheel Bolt	
205571		1	1	Flywheel - Oil Slinger Gasket	
172648	14			Flywheel Housing Seal	Rectangular
175830	AR	AR	AR	Expansion Plug	

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KT & KTA CYLINDER HEAD TYPES

Premium #1 Head 3811985	Engines rated at 101-hp or higher per cylinder, high load factor and constant speed applications utilizing Tribaloy® intake valves, Tribaloy® intake seats, Inconel® exhaust valves, short valve springs and valve rotators.
Premium #2 Head 3811986	Engines rated at 101-hp or higher per cylinder that do not require Premium #1 style cylinder heads utilizing standard intake valves and intake seats, Inconel® exhaust valves, short valve springs and valve rotators.
Improved Standard Head 3811987	Engines rated at 100-hp or less per cylinder utilizing standard intake valves and intake seats, Stellite® exhaust valves, short valve springs and valve rotators Not for standby generator usage.
Standard Head 3811988	Standard intake valves and intake seats, Stellite® exhaust valves, long valve springs and do not use rotators. For standby generator usage. Update to "Improved Standard" is recommended.
Special #1 Head 3811989	Standard intake valves and intake seats, Stellite® exhaust valves, long valve springs and do not use rotators. Flat top guides and stem seals and are for use on engines with long idle periods.
Special #2 Head 3630361	These assemblies are the same as the Premium #2 except for the use of special flat top guides and stem seals and are for use on horizontal railcar engines.

Notes:

- 1) Stellite exhaust valves 3035110 & 3088391 are letter coded "S" or "E".
 - 2) Inconel exhaust valves 3034827 & 3088389 are letter coded "U".
 - 3) Tribaloy intake valves 3052820 are lettered coded "T".
 - 4) Never downgrade head components. (e.g., Premium #2 to Improved Standard)
 - 5) Never interchange valve seats between intake and exhaust.
 - 6) Rotators are located under the valve spring.
- ° Inconel is a trademark of the International Nickel Company Inc.
 ° Stellite and Tribaloy are trademarks of the Deloro Stellite Company

CYLINDER HEAD COMPONENTS - PREMIUM #1 TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803518	12	24	32	Intake Valve Kit	Tribaloy® (code "T")
3803528	12	24	32	Exhaust Valve Kit	Inconel® (code "U")
205091	48	96	128	Valve Lock	
3202210	24	48	64	Valve Guide	45° Tapered top
3052819	12	24	32	Intake Valve Seat	Tribaloy®
205093	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

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CYLINDER HEAD COMPONENTS - PREMIUM #2 TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803515	12	24	32	Intake Valve Kit	
3803528	12	24	32	Exhaust Valve Kit	Inconel® (code "U")
205091	48	96	128	Valve Lock	
3202210	24	48	64	Valve Guide	45° Tapered top
3026296	12	24	32	Intake Valve Seat	
205093	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

CYLINDER HEAD COMPONENTS - IMPROVED STANDARD TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803515	12	24	32	Intake Valve Kit	
3803529	12	24	32	Exhaust Valve Kit	Stellite® (code "S" or "E")
205091	48	96	128	Valve Lock	
3202210	24	48	64	Valve Guide	45° Tapered top
3026296	12	24	32	Intake Valve Seat	
205093	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

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CYLINDER HEAD COMPONENTS - STANDARD TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803515	12	24	32	Intake Valve Kit	
3803529	12	24	32	Exhaust Valve Kit	Stellite® (code "S" or "E")
205091	48	96	128	Valve Lock	
3202210	24	48	64	Valve Guide	45° Tapered top
3026296	12	24	32	Intake Valve Seat	
205093	12	24	32	Exhaust Valve Seat	
3629006	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
N/A	24	48	64	Spring Seat	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

CYLINDER HEAD COMPONENTS - SPECIAL #1 TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803515	12	24	32	Intake Valve Kit	
3803529	12	24	32	Exhaust Valve Kit	Stellite® (code "S" or "E")
205091	48	96	128	Valve Lock	
3018818	24	48	64	Valve Guide	Flat top
N/A	24	48	64	Valve Stem Seals	
3026296	12	24	32	Intake Valve Seat	
205093	12	24	32	Exhaust Valve Seat	
3629006	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
N/A	24	48	64	Spring Seat	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

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CYLINDER HEAD COMPONENTS - SPECIAL #2 TYPE

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803515	12	24	32	Intake Valve Kit	
3803528	12	24	32	Exhaust Valve Kit	Inconel® (code "U")
205091	48	96	128	Valve Lock	
N/A	24	48	64	Valve Guide	Flat top (special drilled)
N/A	24	48	64	Valve Stem Seals	
3026296	12	24	32	Intake Valve Seat	
205093	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	Floating
205169	12	24	32	Crosshead Guide	Stemmed style Bridges ONLY
205852	1	1	1	Water Grommet	
207448	4	4	4	Water Grommet	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

CYLINDER HEAD COMPONENTS - QSK19 - CM500 HPI INJECTION

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
2881815	12			Intake Valve Kit	
2881812	12			Exhaust Valve Kit	
3641537	48			Valve Lock	
3646200	24			Valve Guide	
3170134	24			Valve Stem Seals	
3086193	12			Intake Valve Seat	
3086192	12			Exhaust Valve Seat	
3635455	24			Valve Spring	
In Development	24			Valve Spring Retainer	Ref. (3641536)
4086649	24			Rotator	
In Development	12			Crosshead	Ref. (3641535)
3081837	36			Head Bolt	

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CYLINDER HEAD COMPONENTS QSK - CM850-CM2150 MCRS INJECTION

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
3803518	12	24	32	Intake Valve Kit	Ref. (2881836) & (4986317)
3803528	12	24	32	Exhaust Valve Kit	Inconel® (code "U")
205091	48	96	128	Valve Lock	
4099096	24	48	64	Valve Guide	
4099092	12	24	32	Valve Stem Seals - Int	
4099093	12	24	32	Valve Stem Seals - Exh	
3086193	12	24	32	Intake Valve Seat	
3086192	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	75	96	Cylinder Head Bolt Washer	3/4in

CYLINDER HEAD COMPONENTS - GQSK - NATURAL GAS

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
3803518	12	24	32	Intake Valve Kit	(Ref-2881836 & 4986317)
2881944	12	24	32	Exhaust Valve Kit	
205091	48	96	128	Valve Lock	
4099096	12	24	32	Valve Guide - Intake	
4099095	12	24	32	Valve Guide - Exhaust	
4099092	12	24	32	Valve Stem Seals - Int	
4099093	12	24	32	Valve Stem Seals - Exh	
3086193	12	24	32	Intake Valve Seat	
4090182	12	24	32	Exhaust Valve Seat	
3643725	24	48	64	Valve Spring	
205094	24	48	64	Valve Spring Retainer	
3640315	24	48	64	Rotator	
3086362	12	24	32	Crosshead	
3032633	36	72	96	Cylinder Head Bolt	3/4-16x8in
205059	36	72	96	Cylinder Head Bolt Washer	3/4in

CYLINDER HEAD COMPONENTS - GQSK - NATURAL GAS

PART #	K/QSK 19	K/QSK 38	K/QSK 50	DESCRIPTION	NOTE
203933	1	1	1	Expansion Plug	1/4"
205401	8	8	8	Expansion Plug	7/8"
206224	2	2	2	Expansion Plug	1-5/8"
67622	1	1	1	Pipe Plug	NPT 3/8"-18
S915A	1	1	1	Pipe Plug	NPT 1/2"-14
68445	2	2	2	Groove Pin	

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CAMSHAFT & CYLINDER BLOCK COMPONENTS

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3066877	1			Camshaft	See CPL #'s listed below.
	CPL#'s 127, 153, 159, 171, 183, 184, 185, 213, 219, 232, 245, 251, 274, 290, 291, 292, 293, 297, 302, 334, 379, 385, 386, 398, 415, 428, 438, 439, 440, 441, 442, 444, 445, 446, 447, 474, 475, 520, 584, 640, 672, 724, 884, 885, 886, 888, 952, 969, 1190, 2184, 2634				
3066882	1			Camshaft	See CPL #'s listed below.
	CPL#'s 951,1253,1319,1430,1455,1456,1457,1458,1499,2053,2152,2356,2635,2910,4150,4151				
68908	AR	AR	AR	Lockplate - Camshaft Gear	
147416	2			Expansion Plug	1/2 in
156075	2			Expansion Plug	1 3/16 in

CAMSHAFT FOLLOWERS - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3016825	6	12	16	Roller - Injector Lever	
4009247	6	12	16	Pin - Injector Lever	
3642505	6	12	16	Roller - Injector Lever	Wide type (1.085")
4009479	6	12	16	Pin - Injector Lever	Use w/ wide Roller
3016826	12	24	32	Roller - Valve Lever	
4009248	12	24	32	Pin - Valve Lever	
205438	18	36	48	Lock Wire	
205439	12	24	32	Ring Retainer	
213559	18	36	48	Socket	
3017961	6	12	16	Injector Push Rod	
205492	12	24	32	Valve Push Rod	Ref. (3057139)
3040721	6	12	16	Cover Gasket	

CAMSHAFT FOLLOWERS - QSK19, QSK38, QSK50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3016826	12	24	32	Roller - Valve Lever	
4009248	12	24	32	Pin - Valve Lever	
205438	12	24	32	Lock Wire	
205439	12	24	32	Ring Retainer	
213559	12	24	32	Socket	
205492	12	24	32	Valve Push Rod	Ref. (3057139)
3040721	6	12	16	Follower Cover Gasket	

**Please Note - Some KT/KTA items above may also be utilized in certain QSK Models. Please refer to the ESN for more information

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ROCKER ASSEMBLY - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
194037	6	12	16	Socket - Injector Rocker	
207226	6	12	16	Bushing - Injector Rocker	
207344	12	24	32	Bushing - Valve Rocker	
3176773	6			Rocker Shaft	w/ Plug
- 3176875	6			- Rocker Lever Shaft	
- 203933	6			- Plug	
168306	18	36	48	Slotted Adjustment Screw	
S212	18	36	48	Locknut	
3047924	AR	AR	AR	Adjustment Screw	
205128	AR	AR	AR	Adjustment Screw Washer	
3630839	6	12	16	Gasket - Rocker Box	
4920076	6	12	16	Gasket - Rocker Cover	
S125	AR	AR	AR	Capscrew - Rocker Lever Hsng	1/2 - 13 X 2in
108602	AR	AR	AR	Capscrew - Rocker Lever Hsng	1/2 - 13 X 3 3/4in
205128	AR	AR	AR	Washer - Rocker Lever Hsng	
175830	6			Expansion Plug	Rocker Lever Housing

ROCKER ASSEMBLY - QSK19, QSK38, QSK50

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
207344	12	24	32	Bushing - Valve Rocker	
168306		24	32	Slotted Adjustment Screw	
S212		24	32	Locknut	
3630839	6	12	16	Rocker Box Gasket	
4917451	6	12	16	Rocker Cover Gasket	
4097510	6	12	16	O-ring Seal	
4918075	6	12	16	Dust Seal	

**Please Note - Some KT/KTA items above may also be utilized in certain QSK Models. Please refer to the ESN for more information



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ACCESSORY DRIVE & AIR COMPRESSOR - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3803852	1	1	1	Kit - Accessory Drive	
- 3016788	1	2	2	- Accessory Drive Seal	Gear Cover
- 190397	1	1	1	- Wear Sleeve	On Pulley
- 3200287	1	1	1	- Slinger	
- 3628894	1	1	1	- Dust Seal	
132770	1	2	2	Accessory Drive Bushing	Gear Cover
S316	2	2	2	Key	
3410171	1			Accessory Drive to End Plate Gasket	
3046852		1	1	Accessory Drive to Gear Housing Gasket	
3026556	1	1	1	Thrust Washer	DO NOT USE w/ Aluminum Units
116391	1	1	1	Bushing	In Drive Housing
3026557	1	1	1	Thrust Washer	DO NOT USE w/ Aluminum Units
3014103	1	1	1	Clamping Washer	
3000174	1	1	1	Coupling	Splined for Air Compressor
3000175	1			Coupling	w/o Air Compressor
3069102	1	1	1	Air Compressor to Drive Gasket	Paper style
199349	1			Drive Shaft to Air Compressor Coupling	
3076226	1	1	1	Compressor to Drive Gasket	Metal Edge Moulded
3000174	1			Compressor to Drive Coupling	Single Cylinder
3007380	1			Drive to Hydraulic Pump Gasket	
211662	1			Thrust Washer	Compressor to Drive - Single Cylinder
101918	1			Jaw Coupling	Compressor to Pump - Double Cylinder

ACCESSORY DRIVE & AIR COMPRESSOR - QSK19, QSK38, QSK50

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
190397	1	2	2	Wear Sleeve	On Pulley
3804705	1	2	2	Accessory Drive Seal	Gear Cover
132770	1	2	2	Accessory Drive Bushing	Gear Cover
3200287	1	2	2	Slinger	
S316	2	2	2	Key	
3410171	1			Accessory Drive to End Plate Gasket	
4918075	6	12	16	Dust Seal	

****Please Note** - Some KT/KTA items above may also be utilized in certain QSK Models. Please refer to the ESN for more information

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FUEL SYSTEMS

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3034243	1	1		Fuel Gear Pump	.750" Gears
3034245	1	1	1	Fuel Gear Pump	1.00" Gears
3034221		1	1	Fuel Gear Pump	1.25" Gears
3028372	1	1	1	Drive Assembly	PTG/Non-VS/EFC w/Tach
4026171	1	1	1	Fuel Pump Mounting Gasket	
101918	1			Jaw Coupling	Compressor to Pump - Double Cylinder
3046200	1	1	1	Jaw Coupling Spider	
212613	1	1	1	Fuel Pump Jaw Coupling	
3010242	1			Seal & Gasket Set	PTG-AFC/AFC-VS
3010510	6	12	16	Injector O-ring	
3347937	6	12	16	Injector O-ring	
193736	6	12	16	Injector O-ring	
207244	6	12	16	Injector Nose Seal	
131026	6	12	16	O-ring Seal	STC Oil Jumper Line to Injector
3023095	12	24	32	Banjo Sealing Washer	STC Oil Jumper Line to Cylinder Head
3035342	1			Shut-off Valve Assembly	12 volt - Single Terminal
3035362	1			Shut-off Valve Assembly	24 volt - Single Terminal
154087	1	1	1	Shut-off Mounting Seal	Rectangular
3042827	AR	AR	AR	Shield	
4024808	1	1	1	Solenoid Repair Kit	12 volt Shutdown
4024809	1	1	1	Solenoid Repair Kit	24 volt Shutdown
P269191	6	12	16	Injector External Seal Kit	MCRS Injectors



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FUEL INJECTOR REFERENCE

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
476	KT-2300-G/GS/GC	PTD	3016675	R-3016675	C-41K
477	KT-2300-C/P/L-900	PTD	3016675	R-3016675	C-41K
478	KTA-2300-G/GS/GC	PTD	3016676	R-3016676	C-41K
501	KTA-2300-C/P/L-1050/1200	PTD	3016676	R-3016676	C-41K
502	KT-2300-M	PTD	3022197	R-3022197	C-41K
503	KTA-2300-M	PTD	3016676	R-3016676	C-41K
505	KTA-2300-G/GS/GC	PTD	3016676	R-3016676	C-41K
508	KTA-2300-P	PTD	3023035	R-3023035	C-41K
513	KTA-2300-P-1350	PTD	3023035	R-3023035	C-41K
514	KTA-2300-C-1350	PTD	3023035	R-3023035	C-41K
515	KTA-3067-C-1800	PTD	3023035	R-3023035	C-41K
520	KTA-1150-GS/GC	PTD	3016676	R-3016676	C-41K
521	KTA-2300-C/L/P-1200	PTD	3016676	R-3016676	C-41K
522	KTA-3067-C/L/P	PTD	3016676	R-3016676	C-41K
526	KTA-3067-C/P	PTD	3016676	R-3016676	C-41K
546	KTA-3067-C	PTD	3052255	R-3052255	C-42K
569	KTTA-19-C/P/L	STC	3058800		
584	KT-1150-M	PTD	3016676	R-3016676	C-41K
610	KT-2300-C/P/L	PTD	3016675	R-3016675	C-41K
640	KT-1150-G	PTD	3016675	R-3016675	C-41K
644	KTTA-2300-C	STC	3052227		
645	KTTA-3067-C	STC	3052227		
672	KTA-19-G	PTD	3016676	R-3016676	C-41K
687	KTA-3067-G/GS/GC	PTD	3016676	R-3016676	C-41K
688	KTA-50-G/GS/GC	PTD	3016676	R-3016676	C-41K
693	KTTA-38-G/GS/GC	STC	3052227		
720	KTA-19-M	STC	3058800		
724	KTA-19-M	PTD	3022197	R-3022197	C-41K
736	KTA-50-G/GS/GC	PTD	3016676	R-3016676	C-41K
737	KTA-50-C/P/L	PTD	3016676	R-3016676	C-41K
738	KTA-50-G/GS/GC	PTD	3016676	R-3016676	C-41K
739	KTTA-19-G/GS/GC	STC	3058800		
756	KTA-19-730	STC	3058800		
758	KTA-50-C	STC	3052227		
768	KTTA-50-G/GS/GC	STC	3052227		
801	KTA-19-600	STC	3077714	R-3077714	
809	KT-38-C	PTD	3052255	R-3052255	C-42K
810	KT-38-C	PTD	3052255	R-3052255	C-42K
816	KTTA-50-C	STC	3076132		
823	KTA-38-P	PTD	3023035	R-3023035	C-41K
824	KTA-38-G	PTD	3016676	R-3016676	C-41K
841	KTTA-19-C/L/P	STC	3076132		
844	KTA-38-C-1050	STC	3076132		

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FUEL INJECTOR REFERENCE

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
846	KTTA-50-G/GS/GC	STC	3076132		
850	KT-38-G/GS/GC	PTD	3052255	R-3052255	C-42K
851	KTA-38-G/GS/GC	PTD	3053124	R-3053124	C-41K
852	KTA-38-G/GS/GC	PTD	3053124	R-3053124	C-41K
853	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
854	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
855	KT-38-M/G/GS/GC	PTD	3052255	R-3052255	C-42K
859	KTA-38-C-1200	STC	3076132		
860	KTTA-19-P	STC	3076132		
861	KTA-50-M	PTD	3053124	R-3053124	C-41K
862	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
863	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
864	KTA-38-G/GS/GC	PTD	3053124	R-3053124	C-41K
865	KTA-38-M	PTD	3053124	R-3053124	C-41K
866	KTA-38-G/GS/GC	PTD	3053124	R-3053124	C-41K
867	KTA-2300-P	PTD	3053127		
868	KTA-2300-P-1350	PTD	3053127		
869	KTA-38-C/P/L	PTD	3053124	R-3053124	C-41K
870	KTA-50-C/P/L	PTD	3053124	R-3053124	C-41K
871	KTA-50-C/P	PTD	3053124	R-3053124	C-41K
872	KTTA-2300-C/L	STC	3076132		
873	KTTA-3067-C	STC	3076132		
874	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
875	KTA-50-G/GS/GC	PTD	3053124	R-3053124	C-41K
876	KTTA-38-G/GS/GC	STC	3076132		
877	KTA-38-G	PTD	3053124	R-3053124	C-41K
878	KTA-50-C	STC	3076132		
879	KT-38-C/L/P	PTD	3052255	R-3052255	C-42K
884	KT-19-G/GS/GC	PTD	3016675	R-3016675	C-41K
885	KTA-19-G/GS/GC	PTD	3016676	R-3016676	C-41K
886	KTA-19-G/GS/GC	PTD	3016676	R-3016676	C-41K
888	KTA-19-G	PTD	3016676	R-3016676	C-41K
889	KTA-38-G	PTD	3053124	R-3053124	C-41K
898	KT-38-G/GS/GC	PTD	3052255	R-3052255	C-42K
900	KT-38-G/GS/GC	PTD	3052255	R-3052255	C-42K
901	KT-38-C/L/P	PTD	3052255	R-3052255	C-42K
951	KTTA-19-C	STC	3076130		
952	KTA-19-M	PTD	3022197	R-3022197	C-41K
968	KTTA-50-C/L	STC	3076133		
969	KTA-19-M	PTD	3022197	R-3022197	C-41K
975	KT-38-M	PTD	3053126	R-3053126	C-41K
976	KTA-38-M	PTD	3053126	R-3053126	C-41K
977	KTA-50-M	PTD	3053126	R-3053126	C-41K
1170	KTTA-19-G	STC	3076700		

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FUEL INJECTOR REFERENCE

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
1190	KTA-19-R	PTD	3016676	R-3016676	C-41K
1219	KTA-50-G	STC	3076703		
1250	KTТА-50-C-2000	STC	3076704		
1251	KTA-38-G	STC	3076703		
1253	KTТА-19-C/R/P/L	STC	3076130		
1254	KTТА-50-G	STC	3076702		
1299	KTA-38-G	PTD	3053124	R-3053124	C-41K
1300	KTA-38-G	PTD	3053124	R-3053124	C-41K
1319	KTA-19-M	STC	3076130		
1430	KTA-19-R	STC	3076130		
1455	KTA-19-G	STC	3077715	R-3077715	
1456	KTA-19-G	STC	3077715	R-3077715	
1457	KTA-19-G	STC	3077715	R-3077715	
1458	KTA-19-G	STC	3077715	R-3077715	
1495	KTA-38-G	STC	3076703		
1496	KTA-38-G	STC	3076703		
1497	KTA-38-G	STC	3076703		
1498	KTA-38-G	STC	3076703		
1499	KTТА-19-C	STC	3078194		
1506	KTA-19-C	PTD	3016676	R-3016676	C-41K
1528	KTA-50-G	STC	3076702		
1541	KTA-38-G	STC	3076703		
1542	KTA-38-G	STC	3076703		
1543	KTA-38-G	STC	3076703		
1544	KTA-50-G	STC	3076702		
1602	KTA-50-C	STC	3627922		
1628	KT-2300	STC	3077760		
1657	KTA-50-G	STC	3629008		
1840	KTA-19-C	ECM	3079175		
1864	KTA-19-C	ECM	3079175		
1872	KTA-19-C	ECM	3079175		
1873	KTA-19-C	ECM	3079170		
1879	KTA-19	ECM	3079175		
1880	KTA-19	ECM	3079170		
1881	KTA-19	ECM	3079170		
1882	KTA-19	ECM	3079175		
1883	KTA-19	ECM	3079170		
1898	KTA-50-C1800	ECM	3079175		
1906	KTA-19-C		3079175		
1964	KTA-19-C		3083630		
1969	KTA-19-C		3083625		
1970	KTA-38	STC	3076703		
2008	QSK19-C	ECM	3867761		
2009	QSK19-C	ECM	3867762		

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FUEL INJECTOR REFERENCE

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
2039	KTA-19-600	STC	3077714	R-3077714	
2053	KTA-19M3	STC	3087587		
2115	KTA50-M2	STC	3627922		
2152	KTA-19-M3	STC	3076130		
2159	KTA-50-G5	STC	3076702		
2163	KTA-38-M1	STC	3609968	R-3609968	C-37S
2166	KTA-38-M	STC	3609968	R-3609968	C-37S
2184	KTA-19	PTD	3022197	R-3022197	C-41K
2203	KTTA-38	STC	3609849		
2227	KTA-50-G3	STC	3095773		
2309	KTTA-50-C	STC	3076132		
2310	KTA-38-M2	STC	3076703		
2311	KTA-50-M2	STC	3627922		
2312	KTA-38-M1	STC	3609968	R-3609968	C-37S
2313	KTA-38-M	STC	3609968	R-3609968	C-37S
2314	KTA-50-L	STC	3076132		
2315	KTA-50-C	STC	3076132		
2316	KTA-38-L1	STC	3076132		
2317	KTTA-38-L	STC	3076132		
2318	KTTA-38-C	STC	3076132		
2319	KTTA-50-C2000	STC	3609849		
2320	KTA-50-C	STC	3076132		
2321	KTA-50-C1800	STC	3406592		
2322	KTTA-38-L	STC	3076132		
2323	KTA-38-C	STC	3077760		
2325	KTA-50-C	STC	3077760		
2327	KTA-38-C	STC	3076132		
2328	KTA-50-C	STC	3077760		
2329	KTA-50-C	STC	3076132		
2354	KTA-50-G8	STC	3349860		
2355	KTA-50-G9	STC	3349861		
2356	KTA-19-M3/M4	STC	3076130		
2404	KTA-38-M2	STC	3609932		
2420	KTTA-50-C2000	STC	3076704		
2421	KTA-38-C1200	STC	3077760		
2527	KTA-50-G9	STC	3349861		
2533	KTA-50-G9	STC	3349861		
2634	KTA-19	PTD	3016676	R-3016676	C-41K
2635	KTA-19	STC	3077715	R-3077715	
2636	KTA-19	STC	3095773		
2641	KTA50-C1800	STC	3627922		
2910	KTA-19	STC	3087587		
2913	KTTA50-C2000	STC	3609849		
2914	KTTA50-C2000	STC	3609849		

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FUEL SYSTEMS

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
2936	KTТА38-C1800	STC	3609849		
4148	KTA-19-G2	ECM	3079175		
4150	KTA-19-M3	STC	3087587		
4151	KTA-19-M3	STC	3087587		
4153	KTA-19-G4	STC	3076703		
6207	KTA-50-C	STC	3077760		C-37S
6225	KTA-38-G5	STC	3076702		C-37S
6229	KTA-50-G3/G5	STC	3076702		C-41K
6230	KTA-50-G3	STC	3076702		
6231	KTA-50-G3	STC	3076703		
6238	KTA-50-G7	STC	3609932		
6240	KTA-50 G4	STC	3076702		
6241	KTA-50-G5/G6/G7	STC	3629008		
6242	KTA-50-C	STC	3076132		C-37S

Note:

STC = Step Timing Control

PTD = Pressure Timing Delivery

ECM = Electronic Control Module

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PTD-K INJECTOR COMPONENTS

DESCRIPTION	PART #	Injector Part Number								
		3016675	3016676	3022196	3022197	3023035	3052255	3053124	3053126	3053127
Check Ball	167157	X	X	X	X	X	X	X	X	X
Compression Spring	205464	X	X	X	X	X	X	X	X	X
Cup Retainer	207245	X	X	X	X	X	X	X	X	X
Filter Screen	3008706	X	X	X	X	X	X		X	X
	3054999							X		
Injector Body Adaptor	205463	X	X	X	X	X	X	X	X	X
Injector Clamp	3006696	X	X	X	X	X	X	X	X	X
Injector Clamp Bolt	165006 (2)	X	X	X	X	X	X	X	X	X
Injector Cup	3001314		X			X		X		X
	3003933	X					X			
	3005693				X				X	
	3003932			X						
Injector Nose Sealing Ring	207244	X	X	X	X	X	X	X	X	X
Injector O-ring - Upper	3010510	X	X	X	X	X	X	X	X	X
Injector O-ring - Middle	3347937	X	X	X	X	X	X	X	X	X
Injector O-ring - Lower	193736	X	X	X	X	X	X	X	X	X
Orifice Gasket	173086	X	X	X	X	X	X	X	X	X
Orifice Plug	3045047	X	X	X	X	X	X	X	X	X
Plunger & Barrel	3037292	X	X	X	X	X				
	3052254						X	X	X	X
Plunger Link	205462	X	X	X	X	X	X	X	X	X
Roll Pin	203426 (2)	X	X	X	X	X	X	X	X	X
Screen Retainer	174299	X	X	X	X	X	X	X	X	X



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PTD-K INJECTOR COMPONENTS

		Injector Part Number																							
DESCRIPTION	PART #	3076130	3076132	3076700	3076702	3076703	3076704	3077714	3077715	3077760	3078194	3087587	3095773	3279719	3349860	3349861	3406592	3609849	3609932	3609962	3609963	3627922	3629008	4010642	
Check Ball	167157	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Compression Spring - Large OD	3042427	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
	3060615										X														
Compression Spring - Small OD	3042428	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
	3060614										X														
Cup Retainer	3042430	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
	3066693										X														
Injector Cup	3042713		X					X		X															
	3059929			X																					
	3073573										X														
	3077716								X			X													
	3279720	X			X	X							X	X							X				
	3279747						X										X	X				X	X		
	3349862															X									
	3609841														X										
	3609933																		X						
	3609964																			X				X	
Injector Nose Sealing Ring	207244	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Injector O-ring - Upper	3010510	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Injector O-ring - Middle	3347937	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Injector O-ring - Lower	193736	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Lock Nut	3000465	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Orifice Plug Gasket	173086	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Orifice Plug Screen	3008706		X	X			X	X						X						X				X	
	3054999	X			X	X			X	X	X	X	X		X	X	X	X	X		X	X	X		
Plunger & Barrel	3069707										X														
	3076125	X	X						X	X		X													
	3076126			X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	
	3076127							X																	
Plunger Link	3052233	X	X	X	X	X	X	X	X	X															
Roll Pin	203426 (2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Screen Retainer	174299	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Spring Retainer	3052218	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
	3066707										X														
Tappet - HVT	3075381	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Tappet Repair Kit	3804700	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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TURBOCHARGER & MANIFOLDS

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3032634	AR	AR	AR	Bearing Repair Kit	T18A Models
3803257	AR	AR	AR	Bearing Repair Kit	HC5A Models
206576	1	2	2	Inlet Mounting Gasket	High Pressure Units
3177942	1	2	2	Inlet Mounting Gasket	Low Pressure Units
201049	AR	AR	AR	Oil Inlet Gasket	
201048	AR	AR	AR	Oil Return Gasket	
3056158	4	4	4	Turbo Mounting Nut	Qty per Turbocharger
3010915	4	4	4	Turbo Mounting Stud	Qty per Turbocharger
202865	AR			Turbo Lock Nut	
219138	AR			Turbo Mounting Nut	
209955	1			Flexible Hose	
3023129	1	1	1	Dust Seal	
3202155	1			Air Intake Manifold	
3637396	12			Intake Manifold Gasket	
156075	1			Expansion Plug	1 3/16 in
3078024	1			Exhaust Manifold	KTAGC Wet Manifold
S910B	2			Pipe Plug	KTAGC Wet Manifold
3001405	12			Lock Plate	
3043097	6			Exhaust Manifold Gasket	
3056158	4			Flange Nut	
205186	2			Exhaust Manifold	Front/Rear
205337	1			Exhaust Manifold	Middle
3043097	2			Exhaust Manifold Gasket	
3088317	4			Lock Plate	
3046283	8			Mounting Bolt	7/16-14 x 3in
3406286	8			Mounting Spacer	
3032161	1			Connection Gasket	
3028238		2		Exhaust Manifold	Front - Dry Manifold
3028237		2		Exhaust Manifold	Middle - Dry Manifold
3028235		2		Exhaust Manifold	Rear - Dry Manifold
3037821		12		Exhaust Manifold Gasket	
3178988		2		Turbo Inlet Gasket	
106549		8		Turbo Mounting Bolt	3/8-24 x 1 3/4in Ref. (3350315)
3056158		8		Turbo Mounting Nut	
197032		48		Manifold Mounting Bolt	7/16-14 X 1 1/2in
109594		48		Manifold Mounting Washer	3/8in
3001405		24		Lock Plate	

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TURBOCHARGER & MANIFOLDS (CONT.)

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3016139	1			Air Crossover Tube	
3032161	1			Connection Gasket	
3016142	1			Coupling Hose	
140315	AR	AR	AR	Turbocharger Hose Clamp	3 7/8in
201989	AR	AR	AR	Turbocharger Hose Clamp	5in
4101401		32		Lock Plate	
3630742	1	1	1	Connection Gasket	
3043912	16	16	16	Lock Plate	
175830		6	12	Expansion Plug	
3966350	AR	AR	AR	Exhaust Clamp Seal	

COOLING SYSTEM - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3011389	1			Water Pump	
3098962	1			Water Pump	
4025310	1			Water Pump	
3098964	1			Water Pump	
3803153	1			Water Pump Repair Kit	
- 3202283	1			- Support to Gear Housing Gasket	
- 3042827	1			- Drive Shaft	
- 205258	1			- Drive Shaft Retaining Ring	
- S16069	1	AR	AR	- Bearing - Ball	
- S16002	1				
- 70183	1			- Ball Bearing Retaining Ring	
- S962E	1			- Draincock	
- 206948	1			- Water Pump Body Seal	Ref. (3804573)
- AR12732	1			- Unitized Shaft Seal	
- 145623	1			- Water Inlet Connection Seal	
- 3028291	2			- Water Transfer Tube Seal	
- 205288	1			- Water Transfer Connection Gasket	
- 205289	1				
3026556	2			Thrust Bearing	
3202007	1			Drive Shaft	
205243	1			Impeller	Cast Iron
3202283	1			Water Pump to Support Gasket	
206193		1	1	Water Pump to Drive Unit Gasket	
M3074540	1			Raw Water Pump	Marine

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COOLING SYSTEM - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
204586	1			Thermostat - 175° F	Vented
204586-175	1			Thermostat - 175° F	Non-Vented
3076489	2	4	4	Thermostat - 180° F	
3629205		4	4	Thermostat - 195° F	LTA Engines
186780	2			Thermostat Seal	
3627961		4	4	Thermostat Seal	
3010918	1			Thermostat Housing Gasket	
3085803	1			Thermostat Housing Gasket	Marine Applications
207058	1			Thermostat Housing Gasket	Aftercooled Models
206443		2	2	Thermostat Housing Gasket	
3052906		1		Thermostat Housing Gasket	LTA Engines
3818885	AR	AR	AR	Thermostat Cover Plate Seal	
175830	1			Expansion Plug	Thermostat Housing
3408631	1	1	1	Coolant Temperature Switch	
3177300		8	8	Aftercooler Adaptor	
3644834		4	4	Water Transfer Connection	
206460		1	1	Manifold Connection Gasket	

COOLING SYSTEM - QSK19, QSK38, QSK50

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
3076489	2	4	4	Thermostat - 180° F	
3629205		4	4	Thermostat - 195° F	
4065566		2	2	Thermostat	LTA - Aux Cooling
186780	2			Thermostat Seal	
3627961		6	6	Thermostat Seal	
3010918	1			Thermostat Housing Gasket	
206443		2	2	Thermostat Housing Gasket	
145623	1			Water Pump to Inlet Housing	



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FAN DRIVE - KT19, KT38, KT50

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3016789	1			Oil Seal	
3042612	1			Gasket - Fan Drive	
145536	1			O-ring Seal	

LUBRICATION SYSTEM

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3047549	1			Lube Oil Pump Assembly	
69521	4			Pump Bushings	
205080	1			Regulator Plunger	
205061	1			Oil Pump Body Gasket	
205898	2			Pump Mounting O-ring	
207135	1			Pump Mounting Seal	
3007517	6			Piston Cooling Nozzle	w/Seal
151355		AR	AR	Oil Transfer Pump Lock Plate	
3643837		1		Lube Oil Pump Cover Gasket	
4095097	2			Engine Oil Cooler Core	10 plate
206973	4			Core Mounting Gasket	
3200550	1			Cooler Hsg to Cyl Block Gasket	
3065791	1			Oil Cooler Cover Gasket	
3627295		3	4	Engine Oil Cooler Core	
212161		12	16	O-ring Mounting Seals	Bottom of Core
3630969		6	8	Oil Cooler Core Mounting Gasket	Top of Core
3643837		8	8	Oil Cooler Core Mounting Gasket	Bottom of Core
3002126		6	8	Locknut	
3009324		3	4	Water Header Gasket	
3009323		1	1	Water Header Gasket	
3627295	2			Converter Cooler Core	
212161	8			O-ring Mounting Seals	Bottom of Core
3002126	4			Locknut	
3065791	1			Housing Mounting Gasket	Torque Converter
3065792	1			Housing Cover Gasket	Torque Converter
3060912	1			Bypass Tube Gasket	
70624	1			Bypass Tube O-ring Seal	
4000595	1			Oil Pan Adaptor Gasket	1pc Gear housing
3042588	1			Oil Pan Adaptor Gasket	2pc Gear Housing
4910518	2			Seal Strip	Rear of Adaptor
3042590	1			Oil Sump Gasket	
3073213	1			Cover Gasket	
3043212		1		Oil Pan Gasket	Adaptor to Cylinder Block

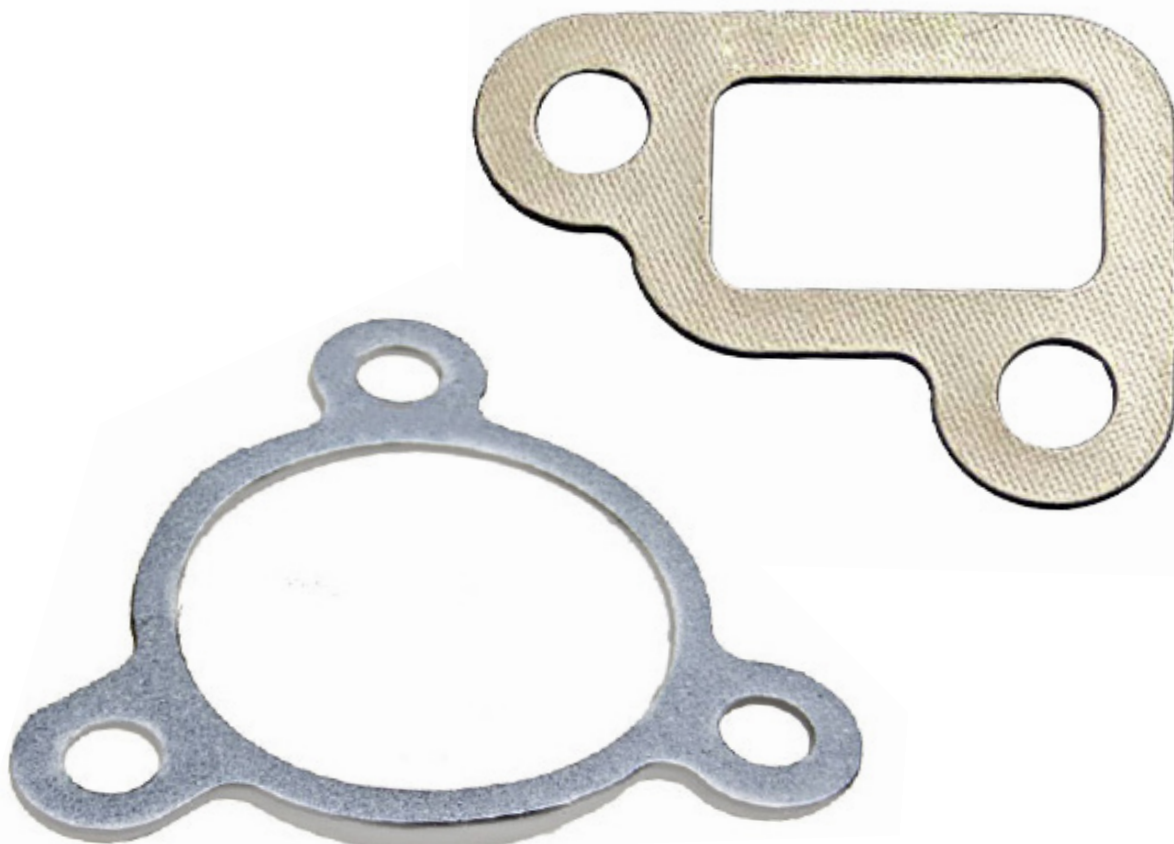
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LUBRICATION SYSTEM (CONT.)

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
3043213			1	Oil Pan Gasket	Adaptor to Cylinder Block
3043211		1	1	Oil Sump Gasket	STD Sump
3043211		2	3	Cover Gasket	
3043214		1	1	Oil Sump Gasket	Hi-Cap Sump
3043211		1	2	Cover Gasket	
3008403	1			Suction Tube Gasket	
206013		1	1	Suction Tube Gasket	
3055069	1	4	4	Drain Plug	
67946	1	4	4	Drain Plug Washer	
101322	1	1	1	Oil Filler Cap	2" Turn Tight w/o Chain
107981	1	1	1	Oil Filler Cap	2" Turn Tight with Chain
3643837		2	2	Oil Filterhead Gasket	
3029820	1			Oil Filterhead Seal	
175830	1			Expansion Plug	Oil Filterhead



Always verify ESN for proper fitment.

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KT19 GASKETS

DESCRIPTION	*	NOTE	PART #	QTY
Accessory Drive Gasket		Accessory Drive Support to Gear Plate	3410171	1
Accessory Drive Gasket		Drive to Hydraulic Pump Gasket	3007380	AR
Aftercooler Core Gasket		Mounting in Housing	3001304	2
Aftercooler Gasket		Cover Plate	3032161	1
Aftercooler Gasket		Seal Retainer	3001305	2
Aftercooler Grommet Seal			206808	2
Aftercooler Mounting Gasket		Mounting to Cylinder Head	206277	6
Aftercooler Mounting Seal		Mounting to Cylinder Head	3014304	12
Air Compressor Gasket		Air Compressor to Drive - paper	3069102	1
Air Compressor Gasket		Air Compressor to Drive - metal	3076226	1
Air Compressor Gasket		Air Intake Flange - upper	3201388	1
Air Compressor Gasket		Air Intake to Compressor	3201386	1
Air Compressor Gasket		Water Connexion to Cylinder Block	207117	1
Cam Follower Cover Gasket			3040721	6
Camshaft Cover Gasket		Rear Cover	3040722	1
Cylinder Head Gasket - STD		"K" style w/ Grommets	3166288	AR
Cylinder Head Gasket -.020"		"K" style w/ Grommets	3166287	AR
Cylinder Head Gasket - STD		"Q" style - Edge Moulded	4334080	6
Exhaust Manifold Gasket			3043097	6
Flywheel Housing O-ring		Rear Seal - Carrier to Flywheel Housing	205247	1
Flywheel Housing Seal		Flywheel Housing to Cylinder Block	3096260	1
Flywheel Housing Seal		Rectangular type	172648	14
Fuel Pump Mounting Gasket		Injection Pump to Air Compressor or Drive	4026171	1
Gear Cover Plate Gasket		End Plate to Cylinder Block - 1pc type	3410141	1
Gear Cover Gasket		Gear Cover to Plate - 1pc type	3074690	1
Gear Cover Gasket		Gear Cover to Cylinder Block - 2pc type	3410141	1
Gear Cover Gasket		Gear Cover to Cover - 2pc type	3001318	1
Hand Hole Cover Gasket			3042586	3
Intake Manifold Gasket			3637396	12
Intake Manifold Gasket		Mounting to Cylinder Head	206277	6
Intake Manifold Gasket		Crossover Tube to Manifold	206279	1
Intake Manifold Seal		Mounting to Cylinder Head	3014304	12
Oil Cooler Cover Gasket		Cover to Housing	3065791	1
Oil Cooler Gasket		Core to Cylinder Block	206973	4
Oil Cooler Housing Gasket		Housing to Cylinder Block	3200550	1
Oil Filterhead Gasket		Dual Filter Head Assembly	3200977	1
Oil Pan Gasket		Adapter to Cylinder Block - 1pc Cover	4000595	1
Oil Pan Gasket		Adapter to Cylinder Block - 2pc Cover	3042588	1
Oil Pan Seal Strip		Rear - Rectangular	4910518	2
Oil Pan Gasket		Oil Sump to Adapter	3042590	1
Oil Pan Gasket		Cover Plate to Adapter	3073213	1
Oil Pump O-ring		Perimeter of Oil Pump	205898	2
Oil Pump Seal			207135	1
Oil Suction Gasket		Oil Pickup Tube	3008403	1
Piston Cooler O-ring		Piston Cooling Nozzle	3015067	6

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KT19 GASKETS (CONT.)

DESCRIPTION	*	NOTE	PART #	QTY
Rocker Cover Gasket			4922219	6
Rocker Cover Gasket		Aluminum Cover Natural Gas	3081898	6
Rocker Housing Gasket		Rocker Box to Cylinder Head	3630839	6
Starter Motor Gasket			3031007	AR
Thermostat Housing Gasket		Aftercooled Models	207058	1
Thermostat Housing Gasket			3010918	1
Thermostat Housing Gasket		Marine Applications	3085803	1
Thermostat Seal			186780	2
Turbo Connection Gasket			3630742	1
Turbo Inlet Mounting Gasket		Turbo to Exhaust Manifold	206576	1
Turbo Inlet Mounting Gasket		Low Stage Turbocharger	3177942	1
Turbo Oil Supply Gasket			201049	AR
Turbo Oil Drain Gasket			3202117	AR
Water Connection O-rings		Water Outlet to Oil Cooler Core	3028291	2
Water Pump Gasket		Water Pump to Drive Unit	3202283	1
Water Pump Gasket		Water Pump Outlet Connection	205289	1
Water Pump O-ring		Water Pump to Inlet Housing	145623	1
Water Manifold O-ring			3028291	13

KTA38 GASKETS

DESCRIPTION	*	NOTE	PART #	QTY
Accessory Drive Gasket		Accessory Drive Support to Gear Plate	3046852	1
Aftercooler Core Gasket	H	Mounting in Housing	3011580	4
Aftercooler Gasket	H	Connection to Aftercooler Cover	3179026	4
Aftercooler O-ring	H	Tube - between connectors	3026421	8
Aftercooler Dust Seal	H	Over Tube	3023130	4
Aftercooler Gasket	H	Connection to Intake Manifold	3179027	4
Aftercooler O-ring	H	Water Transfer Tube	3008710	4
Aftercooler Core Gasket	O	Aftercooler Core Mounting in Housing	3026423	4
Aftercooler Gasket	O	Aftercooler Cover - 6 bolt type	3035223	4
Aftercooler Gasket	O	Connection to Cover	3047665	2
Aftercooler O-ring	O	Tube - between connectors	3026421	4
Aftercooler Dust Seal	O	Tube - between connectors	3026420	2
Aftercooler Flange Gasket	O	Water Connections	3026426	8
Aftercooler Flange Gasket	H	Water Connections	3014449	4
Aftercooler Adapter O-ring	O	Water Connections	3033915	16
Aftercooler Adapter O-ring	H	Water Connections	3003016	4
Aftercooler Connection Seal	O	Water Connections	3627449	8
Aftercooler Tube Ferrule	O	Water Connections	3348860	7
Aftercooler Core Seal Strip	L	Aftercooler Core Mounting in Housing	3865994	4
Aftercooler Intake Gasket	L	Connection to Intake Flange	3047665	4

H = This is for the "high" box aftercooler mounted between the cylinder banks.

O = This is for the outboard style aftercooler mounted thru the top of the intake manifolds outboard of each cylinder bank.

L = This is for the low temperature style aftercooler mounted thru the side of the intake manifolds.

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KTA38 GASKETS (CONT.)

DESCRIPTION	*	NOTE	PART #	QTY
Aftercooler O-ring	L	Coolant Tubes	68910	26
Aftercooler Grommet Seal	L		3063294	8
Aftercooler Dust Seal	L		3058812	16
Aftercooler Gasket		Mounting to Cylinder Head	206277	12
Aftercooler Mounting Seal		Mounting to Cylinder Head	3014304	24
Air Compressor Gasket		Air Compressor to Drive - paper	3069102	1
Air Compressor Gasket		Air Compressor to Drive - metal	3076226	1
Cam Follower Cover Gasket			3040721	12
Camshaft Cover Gasket		Rear Cover	3040722	2
Cylinder Head Gasket - STD		"Q" style - Edge Moulded	4334080	12
Cylinder Head Gasket -.020"		"K" style w/ Grommets	3166287	AR
Exhaust Manifold Gasket			3037821	12
Flywheel Housing Gasket		Flywheel Housing to Cylinder Block	3630874	1
Fuel Pump Mounting Gasket		Injection Pump to Air Compressor or Drive	4026171	1
Gear Cover Gasket		Gear Cover to Cylinder Block - 2pc type	3178076	1
Gear Cover Gasket		Gear Cover to Cover - 2pc type	3177160	1
Hand Hole Cover Gasket			3175856	6
Intake Manifold Gasket		Mounting to Cylinder Head	206277	12
Intake Manifold Seal		Mounting to Cylinder Head	3014304	24
Oil Cooler Gasket		Top of Oil Cooler Core	3630969	6
Oil Cooler O-ring		Bottom of Oil Cooler Core	212161	12
Oil Filterhead Gasket			3643837	2
Oil Filterhead Gasket		Quad Filter Assembly - Front	3177108	1
Oil Filterhead Gasket		Quad Filter Assembly - Rear	3629387	1
Oil Filterhead Gasket		Quad Filter End Cover	3629141	1
Oil Pan Gasket		Adapter to Cylinder Block	3043212	1
Oil Pan Gasket		Single Oil Sump to Adapter	3043211	1
Oil Pan Gasket		Double Oil Sump to Adapter	3043214	1
Oil Pan Gasket		Cover Plate to Adapter	3043211	AR
Oil Pump Cover Gasket			3643837	1
Oil Slinger Gasket		Flywheel	205571	1
Oil Suction Gasket		Pickup Tube	206013	1
Piston Cooler O-ring		Piston Cooling Nozzle	3007441	12
Rocker Cover Gasket			4922219	12
Rocker Housing Gasket		Rocker Box to Cylinder Head	3630839	12
Starter Motor Gasket			3031007	AR
Thermostat Housing Gasket			206443	2
Thermostat Seal			3627961	4
Turbo Connection Gasket			3630742	1
Turbo Inlet Mounting Gasket		Turbocharger to Exhaust Manifold	3178988	2
Turbo Inlet Mounting Gasket		Turbocharger to Exhaust Manifold	206576	2

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KTA38 GASKETS (CONT.)

DESCRIPTION	*	NOTE	PART #	QTY
Turbo Inlet Mounting Gasket		Low Stage Turbocharger	3177942	2
Turbo Oil Supply Gasket			201049	AR
Turbo Oil Drain Gasket			3202117	AR
Water Header Gasket		Between Cylinder Banks	3009323	1
Water Header Gasket		Between Cylinder Banks	3009324	3
Water Pump Gasket		Pump to Drive Unit	206193	1
Water Pump Gasket		Pump Outlet Connection	206455	1
Water Pump O-ring		Pump Outlet Connection	3007512	1
Water Pump O-ring		Pump to Inlet Housing	206457	1
Water Pump Drive Gasket		Drive to Gear Cover	206416	1
Water Manifold O-ring			3028291	24
Water Manifold Connection Gasket			206460	1
Water Manifold O-ring			3028291	13

KTA50 GASKETS

DESCRIPTION	*	NOTE	PART #	QTY
Accessory Drive Gasket		Accessory Drive Support to Gear Plate	3046852	1
Aftercooler Core Gasket	H	Mounting in Housing	3011580	4
Aftercooler Gasket	H	Connection to Aftercooler Cover	3179026	4
Aftercooler O-ring	H	Tube - between connectors	3026421	8
Aftercooler Dust Seal	H	Over Tube	3023130	4
Aftercooler Gasket	H	Connection to Intake Manifold	3179027	4
Aftercooler O-ring	H	Water Transfer Tube	3008710	4
Aftercooler Core Gasket	O	Aftercooler Core Mounting in Housing	3026423	4
Aftercooler Gasket	O	Aftercooler Cover - 6 bolt type	3035223	4
Aftercooler Gasket	O	Aftercooler Cover - 4 bolt Clamp type	3047665	2
Aftercooler O-ring	O	Tube - between connectors	3026421	4
Aftercooler Dust Seal	O	Tube - between connectors	3026420	2
Aftercooler Flange Gasket	O	Water Connections	3026426	8
Aftercooler Adapter O-ring	O	Water Connections	3033915	16
Aftercooler Connection Seal	O	Water Connections	3627449	8
Aftercooler Tube Ferrule	O	Water Connections	3348860	8
Aftercooler Core Seal	L	Aftercooler Core Mounting in Housing	3627382	4
Aftercooler Core Seal Strip	L	Aftercooler Core Mounting in Housing	3627381	4
Aftercooler Intake Gasket	L	Connection to intake flange	3047665	4
Aftercooler O-ring	L	Coolant Tubes	68910	26
Aftercooler Grommet Seal	L		3063294	8
Aftercooler Dust Seal	L		3058812	16
Aftercooler Mounting Gasket		Mounting to Cylinder Head	206277	16
Aftercooler Mounting Seal		Mounting to Cylinder Head	3014304	32

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KTA50 GASKETS (CONT.)

DESCRIPTION	*	NOTE	PART #	QTY
Air Compressor Gasket		Air Compressor to Drive - metal	3076226	1
Cam Follower Cover Gasket			3040721	16
Camshaft Cover Gasket		Rear Cover	3040722	2
Cylinder Head Gasket - STD		"Q" style - Edge Moulded	4334080	16
Cylinder Head Gasket -.020"		"K" style w/ Grommets	3166287	AR
Exhaust Manifold Gasket			3037821	16
Flywheel Housing Gasket		Flywheel Housing to Cylinder Block	3630874	1
Fuel Pump Mounting Gasket		Injection Pump to Air Compressor or Drive	4026171	1
Gear Cover Gasket		Gear Cover to Cylinder Block - 2pc type	3178076	1
Gear Cover Gasket		Gear Cover to Cover - 2pc type	3177160	1
Hand Hole Cover Gasket			3175856	8
Oil Cooler Gasket		Top of Oil Cooler Core	3630969	8
Oil Cooler O-ring		Bottom of Oil Cooler Core	212161	16
Oil Filterhead Gasket			3643837	2
Oil Filterhead Gasket		Quad Filter Assembly - Front	3177108	1
Oil Filterhead Gasket		Quad Filter Assembly - Rear	3629387	1
Oil Filterhead Gasket		Quad Filter End Cover	3629141	1
Oil Pan Gasket		Adapter to Cylinder Block	3043213	1
Oil Pan Gasket		Single Oil Sump to Adapter	3043211	1
Oil Pan Gasket		Double Oil Sump to Adapter	3043214	1
Oil Pan Gasket		Cover Plate to Adapter	3043211	AR
Oil Slinger Gasket		Flywheel	205571	1
Oil Suction Seal		Oil Pickup Tube	3031544	1
Rocker Cover Gasket			4922219	16
Rocker Housing Gasket		Rocker Box to Cylinder Head	3630839	16
Starter Motor Gasket			3031007	AR
Thermostat Housing Gasket			206443	2
Thermostat Seal			3627961	4
Turbo Connection Gasket			3630742	1
Turbo Inlet Mounting Gasket		Turbocharger to Exhaust Manifold	206576	2
Turbo Inlet Mounting Gasket		Low Stage Turbocharger	3177942	2
Turbo Oil Supply Gasket			201049	AR
Turbo Oil Drain Gasket			3202117	AR
Water Header Gasket		Between Cylinder Banks	3009323	1
Water Header Gasket		Between Cylinder Banks	3009324	4
Water Pump Gasket		Water Pump to Drive Unit	206193	1
Water Pump Gasket		Water Pump Outlet Connection	206455	1
Water Pump O-ring		Water Pump Outlet Connection	3007512	1
Water Pump O-ring		Water Pump to Inlet Housing	206457	1
Water Pump Drive Gasket		Drive to Gear Cover	206416	1
Water Manifold O-ring			3028291	32
Water Manifold Connection Gasket			206460	1

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QSK19 GASKETS

DESCRIPTION	NOTE	PART #	QTY
Accessory Drive Gasket	Accessory Drive Support to Gear Plate	3410171	1
Aftercooler Core Gasket	Mounting in Housing	3079883	2
Aftercooler Gasket	Cover Plate	3090299	1
Aftercooler Gasket	Seal Retainer	3001305	2
Aftercooler Grommet Seal		206808	2
Aftercooler Mounting Gasket	Mounting to Cylinder Head	206277	6
Aftercooler Mounting Seal	Mounting to Cylinder Head	3014304	12
Air Compressor Gasket	Air Compressor to Drive - paper	3069102	1
Air Compressor Gasket	Air Compressor to Drive - metal	3076226	1
Air Compressor Gasket	Air Intake Flange - upper	3201388	1
Air Compressor Gasket	Air Intake to Compressor	3201386	1
Air Compressor Gasket	Water Connection to Cylinder Block	207117	1
Cam Follower Cover Gasket		4910190	6
Camshaft Cover Gasket	Rear Cover	3081621	1
Cylinder Head Gasket	"Q" style - Edge Moulded	4334080	6
Exhaust Manifold Gasket		3043097	6
Flywheel Housing O-ring	Rear Seal Carrier to Flywheel Housing	205247	1
Flywheel Housing Seal	Flywheel Housing to Cylinder Block	3096260	1
Flywheel Housing Seal	Rectangular type	172648	14
Fuel Pump Mounting Gasket	Injection Pump to Air Compressor or Drive	4026171	1
Gear Cover Plate Gasket	End Plate to Cylinder Block	3090320	1
Gear Cover Gasket	Gear Cover to Plate	3074690	1
Hand Hole Cover Gasket		3042586	3
Injector Vibration Isolator		4917500	6
Intake Manifold Gasket	Mounting to Cylinder Head	206277	6
Intake Manifold Gasket	Crossover Tube to Manifold	3090299	1
Intake Manifold Seal	Mounting to Cylinder Head	3014304	12
Oil Cooler Cover Gasket	Oil Cooler Cover to Housing	3065791	1
Oil Cooler Gasket	Oil Cooler Core to Cylinder Block	206973	4
Oil Cooler Housing Gasket	Oil Cooler Housing to Cylinder Block	3200550	1
Oil Filterhead Gasket	Dual Filter Head Assembly	4000436	1
Oil Pan Gasket	Adapter to Cylinder Block - 1 pc cover	4000595	1
Oil Pan Seal Strip	Rear - rectangular	4910518	2
Oil Pan Gasket	Oil Sump to Adapter	3042590	1
Oil Pan Gasket	Oil Pan Cover Plate to Adapter	3073213	1
Oil Pump O-ring	Perimeter of Oil Pump	205898	2
Oil Pump Seal		207135	1
Oil Suction Gasket	Oil Pickup Tube	3079754	1
Piston Cooler O-ring	Piston Cooling Nozzle	3081494	6
Rocker Cover Gasket	Mechanical Injection	4922219	6
Rocker Cover Gasket	Electronic Injection	4917451	6
Rocker Cover O-ring Seal	Electronic Injection	4097510	6
Rocker Cover Dust Seal	Electronic Injection	4918075	6
Rocker Housing Gasket	Rocker Box to Cylinder Head	3081895	6
Starter Motor Gasket		3031007	AR
Thermostat Housing Gasket		3090170	1
Thermostat Seal		186780	2

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QSK19 GASKETS (CONT.)

DESCRIPTION	NOTE	PART #	QTY
Turbo Inlet Mounting Gasket	Turbocharger to Exhaust Manifold	3081824	1
Turbo Oil Supply Seal		3922794	2
Turbo Oil Drain Gasket		3202117	1
Water Bypass Seal	Top	70624	1
Water Connection O-rings	Water Outlet to Aftercooler core	3028291	2
Water Pump Gasket	Water Pump to Drive Unit	3202283	1
Water Pump Gasket	Water Pump Outlet Connection	205289	1
Water Pump O-ring	Water Pump to Inlet Housing	145623	1
Water Manifold O-ring		3028291	13

QSK38 GASKETS

DESCRIPTION	NOTE	PART #	QTY
Accessory Drive Gasket	Accessory Drive Support to Gear Plate	3046852	1
Aftercooler Core Gasket	Mounting in Housing	4000714	4
Aftercooler Gasket	Mounting to Cylinder Head	4066037	4
Aftercooler Seal	Balance Tube	3082358	4
Cam Follower Cover Gasket		3040721	12
Camshaft Cover Gasket	Rear Cover	3040722	2
Cylinder Head Gasket	"Q" style - Edge Moulded	4334080	12
Exhaust Manifold Gasket		3966349	12
Flywheel Housing Gasket	Flywheel Housing to Cylinder Block	3630874	1
Fuel Pump Mounting Gasket	Injection Pump to Drive	4026171	1
Gear Cover Gasket	Gear Cover to Cylinder Block - 2pc type	3178076	1
Gear Cover Gasket	Gear Cover to Cover - 2pc type	3177160	1
Hand Hole Cover Gasket		3175856	6
Injector Vibration Isolator		4917500	12
Oil Cooler Gasket		3630969	6
Oil Cooler O-ring	Top of Oil Cooler Core	212161	12
Oil Filterhead Gasket	Quad Filter Assembly - front	3177108	1
Oil Filterhead Gasket	Quad Filter Assembly - rear	3629387	1
Oil Filterhead Gasket	Quad Filter End Cover	3629141	1
Oil Pan Gasket	Adapter to Cylinder Block	3043212	1
Oil Pan Gasket	Single Oil Sump to Adapter	3043211	1
Oil Pan Gasket	Double Oil Sump to Adapter	3043214	1
Oil Pan Gasket	Oil Pan Cover Plate to Adapter	3043211	AR
Oil Suction Gasket	Oil Pickup Tube	3031544	1
Rocker Cover Gasket	Mechanical Injection	4922219	12
Rocker Cover Gasket	Electronic Injection	4917451	12
Rocker Cover O-ring Seal	Electronic Injection	4097510	12
Rocker Cover Dust Seal	Electronic Injection	4918075	12
Rocker Housing Gasket	Rocker Box to Cylinder Head	3630839	12
Starter Motor Gasket		3031007	AR
Thermostat Housing Gasket		206443	2
Thermostat Seal		3627961	4
Turbo Inlet Mounting Gasket	Turbocharger to Exhaust Manifold	3331924	2
Water Header Gasket	Between Cylinder Banks	3009323	1
Water Header Gasket	Between Cylinder Banks	3009324	3
Water Pump Gasket	Water Pump to Drive Unit	206416	1

QSK38 GASKETS

DESCRIPTION	NOTE	PART #	QTY
Water Pump Gasket	Water Pump Outlet Connection	206455	1
Water Pump O-ring	Water Pump Outlet Connection	3975774	1
Water Pump O-ring	Water Pump to Inlet Housing	206457	1
Water Pump Drive Gasket	Drive to Gear Cover	206416	1
Water Manifold O-ring		3028291	24

QSK50 GASKETS

DESCRIPTION	NOTE	PART #	QTY
Accessory Drive Gasket	Accessory Drive Support to Gear Cover	3046852	1
Aftercooler Core Gasket	Mounting in Housing	3011580	4
Aftercooler Gasket	Mounting to Cylinder Head	206277	16
Aftercooler Seal	Balance Tube	3082358	4
Cam Follower Cover Gasket		3040721	16
Camshaft Cover Gasket	Rear Cover	3040722	2
Cylinder Head Gasket	"Q" style - Edge Moulded	4334080	16
Exhaust Manifold Gasket		3966349	16
Flywheel Housing Gasket	Flywheel Housing to Cylinder Block	3630874	1
Fuel Pump Mounting Gasket	Injection Pump to Drive	4026171	1
Gear Cover Gasket	Gear Cover to Cylinder Block - 2pc type	3178076	1
Gear Cover Gasket	Gear Cover to Cover - 2pc type	3177160	1
Hand Hole Cover Gasket		3175856	8
Injector Vibration Isolator		4917500	16
Oil Cooler Gasket		3630969	8
Oil Cooler O-ring	Top of Oil Cooler Core	212161	16
Oil Filterhead Gasket	Quad Filter Assembly - front	3177108	1
Oil Filterhead Gasket	Quad Filter Assembly - Rear	3629387	1
Oil Filterhead Gasket	Quad Filter End Cover	3629141	1
Oil Pan Gasket	Adapter to Cylinder Block	3043213	1
Oil Pan Gasket	Single Oil Sump to Adapter	3043211	1
Oil Pan Gasket	Double Oil Sump to Adapter	3043214	1
Oil Pan Gasket	Oil Pan Cover Plate to Adapter	3043211	AR
Oil Suction Seal	Oil Pickup Tube	3031544	1
Rocker Cover Gasket	Mechanical Injection	4922219	16
Rocker Cover Gasket	Electronic Injection	4917451	16
Rocker Cover O-ring Seal	Electronic Injection	4097510	16
Rocker Cover Dust Seal	Electronic Injection	4918075	16
Rocker Housing Gasket	Rocker Box to Cylinder Head	3630839	16
Starter Motor Gasket		3031007	AR
Thermostat Housing Gasket		206443	2
Thermostat Seal		3627961	4
Water Header Gasket	Between Cylinder Banks	3009323	1
Water Header Gasket	Between Cylinder Banks	3009324	4
Water Pump Gasket	Water Pump to Drive Unit	206193	1
Water Pump Gasket	Water Pump Outlet Connection	206455	1
Water Pump O-ring	Water Pump Outlet Connection	3007512	1
Water Pump O-ring	Water Pump to Inlet Housing	206457	1
Water Pump Drive Gasket	Drive to Gear Cover	206416	1
Water Manifold O-ring		3028291	32

QSK45/QSK60 SERIES

CYLINDER COMPONENTS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
4309253	12	16	Piston Kit - High BMEP	Ref. (3645958) Piston
In Development	12	16	Piston Kit - Low BMEP	Ref. (3640512) Piston
In Development	12	16	Piston Kit - TA LUFT	Ref. (3640513) Piston
In Development	12	16	Piston Kit - MCRS	Ref. (3640796) Piston
4309254	12	16	Piston Ring Set	HPI Mechanical
4955327	12	16	Piston Ring Set	MCRS
4956091	12	16	Piston Ring Set	
4309263	12	16	Piston Ring Set	
4001416	12	16	Piston Pin	
3089251	24	32	Piston Pin Retainer	
4089143	12	16	Cylinder Liner Kit	Ref. (4085917) Cylinder Liner
In Development	AR	AR	Cylinder Liner Kit - .25mm OS	Ref. (3636998) Cylinder Liner
In Development	AR	AR	Cylinder Liner Kit - .51mm OS	Ref. (3636999) Cylinder Liner
In Development	AR	AR	Cylinder Liner Kit - .76mm OS	Ref. (3637000) Cylinder Liner
P270798	12	16	Cylinder Liner Seal Kit	
- 3081489	1	1	- Cylinder Liner Band Seal	
- 4017292	1	1	- Cylinder Liner Seal Ring	Blue
- 3014668	1	1	- Cylinder Liner Seal Ring	Orange

ENGINE BEARINGS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
3643984	24	32	Connecting Rod Bearing	Straight Split Connecting Rod MY 2008 & Up
3643985	24	32	Connecting Rod Bearing - .25mm	
3643986	24	32	Connecting Rod Bearing - .50mm	
3643987	24	32	Connecting Rod Bearing - .75mm	
3643988	24	32	Connecting Rod Bearing - 1.0mm	
3636495	24	32	Connecting Rod Bearing	Angle Split Connecting Rod
3636496	24	32	Connecting Rod Bearing - .25mm	
3636497	24	32	Connecting Rod Bearing - .50mm	
3636498	24	32	Connecting Rod Bearing - .75mm	
3636499	24	32	Connecting Rod Bearing - 1.0mm	
4024797	1		Main Bearing Set	
4024798	1		Main Bearing Set - .25mm	
4024799	1		Main Bearing Set - .50mm	
4024800	1		Main Bearing Set - .75mm	
4024801	1		Main Bearing Set - 1.0mm	
P270798				
- 3081489				
- 4017292				
- 3014668				

Always verify ESN for proper fitment.

QSK45/QSK60 SERIES

ENGINE BEARINGS (CONT.)

PART #	QSK45	QSK60	DESCRIPTION	NOTE
4024792		1	Main Bearing Set	
4024793		1	Main Bearing Set - .25mm	
4024794		1	Main Bearing Set - .50mm	
4024795		1	Main Bearing Set - .75mm	
4024796		1	Main Bearing Set - 1.0mm	
3639974	12	16	Connecting Rod Bushing	Straight Split Connecting Rod
3089522	12	16	Connecting Rod Bushing	Angle Split Connecting Rod
4007741	2	2	Camshaft Bushing	
3089173	12	16	Camshaft Bushing	

CYLINDER HEAD COMPONENTS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
2881810	24	32	Intake Valve Kit	Nitrided Head - NO Facing (code "C")
2881815	24	32	Intake Valve Kit	S6 Hard Facing (code "K")
2881811	24	32	Exhaust Valve Kit	Inconel® Head (code "L")
2881812	24	32	Exhaust Valve Kit	S6 Hard Facing (code "S")
3641537	96	128	Valve Lock	
3646200	48	64	Valve Guide	
3408282	24	32	Valve Stem Seals - Int	
4080343	24	32	Valve Stem Seals - Exh	
4080326	24	32	Intake Valve Seat	
4080333	24	32	Exhaust Valve Seat	
3635455	48	64	Valve Spring	
In Development	48	64	Valve Spring Retainer	Ref. (3641536)
4086649	48	64	Rotator	
In Development	24	32	Valve Crosshead	Ref. (3641535)
In Development	84	112	Cylinder Head Bolt	Ref. (3644387)

CRANKSHAFT SEALS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
3649551	1	1	Crankshaft Seal - Front	
3649550	1	1	Crankshaft Seal - Rear	
206904		1	Woodruff Key	

QSK45/QSK60 SERIES

MODULAR GASKET SETS

Gasket Set Type	QSK45	Qty	QSK60	Qty	Note
Quadrant Cylinder Head*	4089231	4	4089200	4	HPI Mechanical Injection
	N/A		4955370	4	MCRS Electronic Injection
	N/A		4089508	4	Natural Gas Application
Quadrant Aftercooler*	4089232	4	4089201	4	HPI Mechanical Injection
	N/A		4955369	4	MCRS Electronic Injection
Single Cylinder Head	In Development	12	In Development	16	HPI Mechanical Injection
	N/A	12	In Development	16	MCRS Electronic Injection
Turbocharger*	P270799	2	P270799	4	HPI Single Stage Turbocharging
	N/A		In Development		HPI Dual Stage Turbocharging
	N/A		In Development		MCRS Single Stage Turbocharging
	N/A		In Development		MCRS Dual Stage Turbocharging
Cooling System*	4089202	1	4089202	1	
Cylinder Liner Seal	P270798	12	P270798	16	Servics Single Cylinder Liner
Injector Installation Set	P253306	12	P253306	16	HPI Mechanical Injection
	N/A		P269190	16	MCRS Electronic Injection
Lower Fuel System	4089308	1	4089308	1	
Front Housing	In Development	1	In Development	1	
Rear Housing	In Development	1	In Development	1	
Lower Cylinder Block	4089316	1	4089874	1	HPI Single Stage Turbocharging
Oil Pan	4089317	1	N/A		Double Sump - Singe Cover
	N/A		4956000	1	Double Sump - Two Covers
			4089511	1	Full Length Sump
Water Pump	P270801	1	P270801	1	
	P271312	1	P271312	1	Dual Impeller
Accessary Drive Set	In Development	1	In Development	1	Ref. (4089875)

* = Required to perform an upper engine overhaul

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