INTERSTATE-McBEE

Replacement Parts for

Cummins®

KT - QSK SERIES ENGINES

February 2020

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KT - QSK SERIES

CPL/MODEL LISTINGS

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

KT - QSK SERIES

CPL/MODEL LISTINGS (cont.)

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

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CPL/MODEL LISTINGS (cont.)

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

CPL/MODEL LISTINGS (cont.)

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

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CPL/MODEL LISTINGS (cont.)

CPL #	MODEL	PISTON	PISTON KIT	RATIO	Note: A	Note: B
1497	KTA-38-G	M-3096685	M-3631241	13.9:1	STC	O
1498	KTA-38-G	M-3096685	M-3631241	13.9:1	STC	O
1499	KTTA-19-C	M-3096685	M-3631241	13.9:1	STC	
1506	KTA-19-C	M-3096684	M-3631243	15.7:1		
1528	KTA-50-G	M-3096685	M-3631241	13.9:1	STC	L
1541	KTA-38-G	M-3096685	M-3631241	13.9:1	STC	O
1542	KTA-38-G	M-3096685	M-3631241	13.9:1	STC	O
1543	KTA-38-G	M-3096685	M-3631241	13.9:1	STC	O
1544	KTA-50-G	M-3096685	M-3631241	13.9:1	STC	L
1602	KTA-50-C	M-3628731	M-3803530		STC	L
1628	KT-2300	M-3096680	M-3631246	13.8:1	STC	O
1645	GQSK19	M-4916177	M-4955238			
1657	KTA-50-G	M-3096685	M-3631241	13.9:1	STC	L
1764	QSK50CE	M-4910465	M-4955235		CM850	LTA
1970	KTA-38	M-3628731	M-3803530		STC	L
2008	QSK19C-600	M-4922319	M-4955236			
2009	QSK19C-750	M-4910463	M-4955233			LTA
2010	QSK19C-600	M-4922319	M-4955236			
2039	KTA-19-600	M-3096682	M-3631244	14.5:1	STC	
2052	KTA-19M3	M-3096680	M-3631246	13:8:1	STC	O
2053	KTA-19M3	M-3628731	M-3803530		STC	
2090	QSK19M-760	M-4910463	M-4955233			LTA
2115	KTA50-M2	M-3628731	M-3803530		STC	L
2152	KTA-19-M3	M-3628731	M-3803530		STC	
2159	KTA-50-G5	M-3096685	M-3631241	13.9:1	STC	L
2163	KTA-38-M1	M-3096685	M-3631241	13.9:1	STC	L
2166	KTA-38-M	M-3096685	M-3631241	13.9:1	STC	L
2184	KTA-19	M-3096681	M-3631245	15.5:1		
2203	KTTA-38	M-3628731	M-3803530		STC	L
2225	QSK19C-500	M-4922319	M-4955236			
2227	KTA-50-G3	M-3096685	M-3631241	13.9:1	STC	L
2260	QSK19R-750	M-4910463	M-4955233			CAC
2309	KTTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2310	KTA-38-M2	M-3628731	M-3803530		STC	L
2311	KTA-50-M2	M-3628731	M-3803530		STC	L
2312	KTA-38-M1	M-3096685	M-3631241	13.9:1	STC	L
2313	KTA-38-M	M-3096685	M-3631241	13.9:1	STC	L
2314	KTA-50-L	M-3096680	M-3631246	13.8:1	STC	O
2315	KTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2316	KTA-38-L1	M-3096680	M-3631246	13.8:1	STC	O
2317	KTTA-38-L	M-3096683	M-3631242	13.5:1	STC	O

CPL/MODEL LISTINGS (cont.)

CPL #	MODEL	PISTON	PISTON KIT	RATIO	Note: A	Note: B
2319	KTTA-50-C2000	M-3628731	M-3803530		STC	L
2320	KTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2321	KTA-50-C1800	M-3628731	M-3803530		STC	L
2322	KTTA-38-L	M-3096683	M-3631242	13.5:1	STC	O
2323	KTA-38-C	M-3096680	M-3631246	13.8:1	STC	O
2325	KTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2327	KTA-38-C	M-3096680	M-3631246	13.8:1	STC	O
2328	KTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2329	KTA-50-C	M-3096680	M-3631246	13.8:1	STC	O
2354	KTA-50-G8		M-3804885		STC	L
2355	KTA-50-G9		M-3804885		STC	L
2356	KTA-19-M3 / M4	M-3628731	M-3803530		STC	
2404	KTA-38-M2	M-4097889	M-4090013		STC	L
2418	QSK19R-750	M-4910463	M-4955233			LTA
2420	KTTA-50-C2000	M-3628731	M-3803530		STC	L
2421	KTA-38-C1200	M-3069980	M-3631246	13.8:1	STC	O
2527	KTA-50-G9	M-3096685	M-3631241	13.9:1	STC	L
2533	KTA-50-G9	M-3096685	M-3631241	13.9:1	STC	L
2558	QSK19C-600	M-4922319	M-4955236			
2559	QSK19C-750	M-4910463	M-4955233			LTA
2560	QSK19C-500	M-4922319	M-4955236			
2589	KTA50-M2	M-4097889	M-4090013		STC	L
2634	KTA-19	M-3096682	M-3631244	14.5:1		
2635	KTA-19	M-3096685	M-3631241	13.9:1	STC	
2636	KTA-19	M-3096685	M-3631241	13.9:1	STC	
2641	KTA50-C1800	M-3628731	M-3803530		STC	L
2754	QSK19CE	M-4918058	M-4090029		CM850	CAC
2755	QSK19CE	M-4918058	M-4090029		CM850	CAC
2756	QSK19CE	M-4910465	M-4955235		CM850	CAC
2757	QSK19CE	M-4918058	M-4090029		CM850	CAC
2758	QSK38CE	M-4910465	M-4955235		CM850	LTA
2759	QSK38CE	M-4910465	M-4955235		CM850	LTA
2760	QSK50CE	M-4910465	M-4955235		CM850	LTA
2761	QSK50CE	M-4910465	M-4955235		CM850	LTA
2762	QSK50CE	M-4910465	M-4955235		CM850	LTA
2768	QSK19CE	M-4910465	M-4955235		CM850	CAC
2771	QSK50GE	M-4910465	M-4955235		CM850	LTA
2810	QSK19C-600	M-4922319	M-4955236			
2838	QSK19C	M-4910464	M-4955234			CAC
2882	QSK19CE	M-4910465	M-4955235		CM850	CAC
2910	KTA-19-G	M-3096680	M-3631246		STC	

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CPL/MODEL LISTINGS (cont.)

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

CPL/MODEL LISTINGS (cont.)

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

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.
M-3022157	M-3007525	STD / STD	.526" - .527"	7.4925" - 7.4945"	7.158" - 7.160"
M-3023017	M-3012611	.010" / STD	.536" - .537"	7.5025" - 7.5045"	7.158" - 7.160"
M-3023018	M-3012612	.020" / STD	.546" - .547"	7.5125" - 7.5145"	7.158" - 7.160"
M-3023019	M-3801268	.030" / STD	.556" - .557"	7.5225" - 7.5245"	7.158" - 7.160"
M-3023020	M-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
M-4009227	M-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
M-4009220	M-4024767	STD / STD	.528" - .529"	7.409" - 7.411"	7.093" - 7.095"	4308809	M-4371769
M-4009221	M-4024768	.020" / STD	.528" - .529"	7.429" - 7.431"	7.093" - 7.095"	N/A	N/A
M-4009222	M-4024769	.040" / STD	.528" - .529"	7.449" - 7.451"	7.093" - 7.095"	N/A	N/A
M-4009233	M-4024775	.060" / STD	.528" - .529"	7.469" - 7.471"	7.093" - 7.095"	4333989	M-4371773
M-4009228	M-4024771	.083" / STD	.528" - .529"	7.492" - 7.494"	7.093" - 7.095"	N/A	N/A
M-4009230	M-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
M-4009231	M-4024773	.020" / .020"	.528" - .529"	7.429" - 7.431"	7.113" - 7.115"	4333987	M-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
M-4009232	M-4024774	.060" / .020"	.528" - .529"	7.469" - 7.471"	7.113" - 7.115"	4333988	4371772
M-4009234	M-4024776	.083" / .064"	.528" - .529"	7.4925" - 7.4945"	7.158" - 7.160"	N/A	N/A

QSK19

CM850 & CM2150

FLAT SEAL PART #		SIZE	FLANGE		LPF	D-TYPE SEAL PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
M-4916451	M-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

KT - QSK SERIES

KTA38 / KTA50

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

*Includes M-3011884 liner insert

QSK38 / QSK50

PART #		SIZE	FLANGE		LPF	REFERENCE PART #	
Liner	Liner Kit	UPF / LPF	Thickness	O.D.	O.D.	Liner	Liner Kit
M-4916452	M-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

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KT - QSK SERIES

CYLINDER COMPONENTS

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

CYLINDER COMPONENTS (cont.)

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

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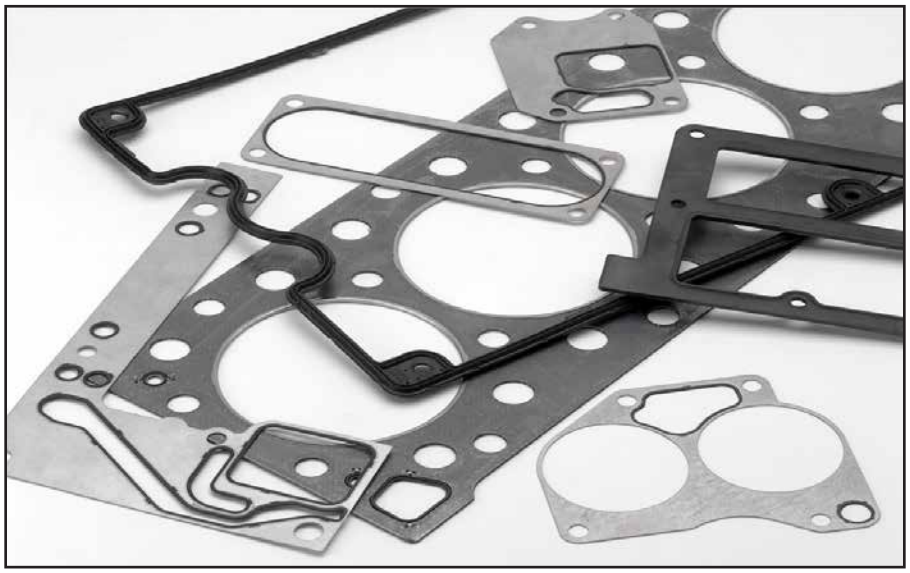
KT - QSK SERIES

GASKET SETS

MODEL	UPPER	SINGLE HEAD	LOWER	NOTE
KT19	M-4352576	M-4352577	M-4089390	Non-Aftercooled 2pc Gear Housing
			M-4089391	Non-Aftercooled 1pc Gear Housing
KTA19	M-4352578	M-4352577	M-4089390	Aftercooled 2pc Gear Housing
			M-4089391	Aftercooled 1pc Gear Housing
KTTA19*	M-4352578	M-4352577	M-4089390	Aftercooled 2pc Gear Housing
			M-4089391	Aftercooled 1pc Gear Housing
	* Must also use Supplemental STC Gasket Set M-3801895			
GTA19	M-4352573	MCBG19014	M-4376512	
QSK19	M-4352582	M-4352583	M-4676512	
	M-4352587	M-4089376	M-4089717	MCRS
	M-4376267	M-4376269	M-4089717	MCRS w/ EGR
QSKTA19ME	M-5405990	N/A	M-5406198	Marine - MCRS CM2150
KT/KTA38	M-4352580	M-4352579	M-3804301	
KTA38	M-4089848	N/A	M-4956090	LTA/STC Units
KTTA38*	M-4352580	M-4352579	M-3804301	
	* Must also use Supplemental STC Gasket Set M-3801896			
KTA50	M-4352581	M-4352579	M-3804300	
	M-4376342	N/A	M-3804300	LTA/STC Units
KTTA50*	M-4352581	M-4352579	M-3804300	
	* Must also use Supplemental STC Gasket Set M-3801897			



MODULAR GASKET SETS

QSK38 & QSK50

GASKET SET	QSK38	Qty	QSK50	Qty	Note
Quadrant Cylinder Head★	M-4352593	4	M-4352589	4	Dry Exhaust Manifold
	M-4352592	4	M-4352591	4	Water Cooled Exhaust
Quadrant Aftercooler★	M-4956055	4	M-4955818	4	Dry Exhaust Manifold
	M-4956045	4	M-4956035	4	Water Cooled Exhaust
Single Cylinder Head	MCBQSK0014	12	MCBQSK0014	16	Dry Exhaust Manifold
	MCBQSK0024	12	MCBQSK0024	16	Water Cooled Exhaust
Turbocharger★	MCBQSK0015	2	MCBQSK0015	2	Single Stage Dry Exhaust
	N/A		MCBQSK0025	2	Dual Stage Dry Exhaust
	MCBQSK0035	2	MCBQSK0035	2	Water Cooled Exhaust
Cooling System★	MCBQSK0018	1	MCBQSK0028	1	Dry Exhaust
	In Development		*In Development*		Water Cooled Exhaust
Cylinder Liner Seal	M-AR70577	12	M-AR70577	16	Services Single Cylinder Liner
Injector Installation Set	MCBQSK0019	12	MCBQSK0019	16	Services Single Injector
Lower Fuel System	M-4955823	1	M-4955823	1	
Front Housing	MCBQSK0017	1	MCBQSK0017	1	
Rear Housing	MCBQSK0027	1	MCBQSK0027	1	Dry Flywheel Housing
	MCBQSK0037	1	MCBQSK0037	1	Wet Flywheel Housing
Lower Cylinder Block	MCBQSK0047	1	MCBQSK0047	1	
Oil Pan	MCBQSK0016	1	MCBQSK0026	1	
Water Pump	MCBQSK0038	1	MCBQSK0038	1	
	MCBQSK0068	1	MCBQSK0068	1	Dual Impeller

★=Sets for top end overhaul

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KT - QSK SERIES

ENGINE BEARINGS

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

KT - QSK SERIES

CRANKSHAFTS

KT19 - KT38 - KT50

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

QSK19 - QSK38 - QSK50

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

CRANKSHAFT SEALS & CYLINDER BLOCK

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

CYLINDER HEAD COMPONENTS

Premium #1 Type

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

CYLINDER HEAD COMPONENTS (cont.)

Premium #2 Type

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

Improved Standard Type

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

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CYLINDER HEAD COMPONENTS (cont.)

Standard Type

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

Special #1 Type

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

CYLINDER HEAD COMPONENTS (cont.)

Special #2 Type

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

QSK19 - CM500 HPI Injection

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
M-2881815	12			Intake Valve Kit	
M-2881812	12			Exhaust Valve Kit	
M-3641537	48			Valve Lock	
M-3646200	24			Valve Guide	
M-3170134	24			Valve Stem Seals	
M-3086193	12			Intake Valve Seat	
M-3086192	12			Exhaust Valve Seat	
M-3635455	24			Valve Spring	
In Development	24			Valve Spring Retainer	Ref. (3641536)
M-4086649	24			Rotator	
In Development	12			Crosshead	Ref. (3641535)
M-3081837	36			Head Bolt	

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CYLINDER HEAD COMPONENTS (cont.)

QSK - CM850-CM2150 MCRS Injection

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

GQSK - Natural Gas

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

CYLINDER HEAD HARDWARE

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

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CAMSHAFT & CYLINDER BLOCK COMPONENTS

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
M-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				
M-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				
M-68908	AR	AR	AR	Lockplate - Camshaft Gear	
M-147416	2			Expansion Plug	1/2 in
M-156075	2			Expansion Plug	1 3/16 in

CAMSHAFT FOLLOWERS

KT19 - KT38 - KT50

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

QSK19 - QSK38 - QSK50

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

PART #	QSK19	QSK38	QSK50	DESCRIPTION	NOTE
M-3016826	12	24	32	Roller - Valve Lever	
M-4009248	12	24	32	Pin - Valve Lever	
M-205438	12	24	32	Lock Wire	
M-205439	12	24	32	Ring Retainer	
M-213559	12	24	32	Socket	
M-205492	12	24	32	Valve Push Rod	Ref. (M-3057139)
M-3040721	6	12	16	Follower Cover Gasket	

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ROCKER ASSEMBLY

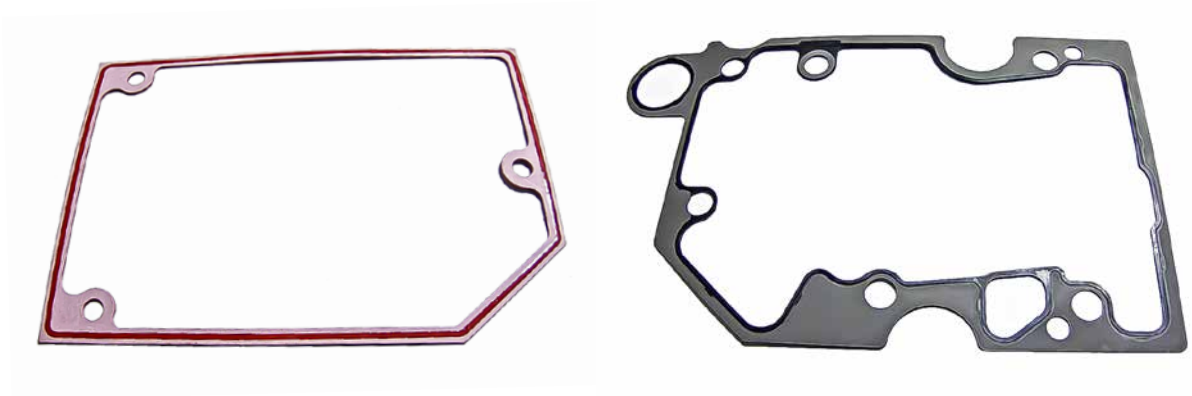
KT19 - KT38 - KT50

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

QSK19 - QSK38 - QSK50

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

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



ACCESSORY DRIVE & AIR COMPRESSOR

KT19 - KT38 - KT50

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

QSK19 - QSK38 - QSK50

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

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

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KT - QSK SERIES

FUEL SYSTEMS

PART #	KT19	KT38	KT50	DESCRIPTION	NOTE
M-3034243	1	1		Fuel Gear Pump	.750" Gears
M-3034245	1	1	1	Fuel Gear Pump	1.00" Gears
M-3034221		1	1	Fuel Gear Pump	1.25" Gears
M-3028372	1	1	1	Drive Assembly	PTG/Non-VS/EFC w/Tach
M-4026171	1	1	1	Fuel Pump Mounting Gasket	
M-101918	1			Jaw Coupling	Compressor to Pump - Double Cylinder
M-3046200	1	1	1	Jaw Coupling Spider	
M-212613	1	1	1	Fuel Pump Jaw Coupling	
M-3010242	1			Seal & Gasket Set	PTG-AFC/AFC-VS
M-3010510	6	12	16	Injector O-ring	
M-3347937	6	12	16	Injector O-ring	
M-193736	6	12	16	Injector O-ring	
M-207244	6	12	16	Injector Nose Seal	
M-131026	6	12	16	O-ring Seal	STC Oil Jumper Line to Injector
M-3023095	12	24	32	Banjo Sealing Washer	STC Oil Jumper Line to Cylinder Head
M-3035342	1			Shut-off Valve Assembly	12 volt - Single Terminal
M-3035362	1			Shut-off Valve Assembly	24 volt - Single Terminal
M-154087	1	1	1	Shut-off Mounting Seal	Rectangular
M-3042827	AR	AR	AR	Shield	
M-4024808	1	1	1	Solenoid Repair Kit	12 volt Shutdown
M-4024809	1	1	1	Solenoid Repair Kit	24 volt Shutdown
MCBQSK0029	6	12	16	Injector External Seal Kit	MCRS Injectors

KT - QSK SERIES

FUEL INJECTOR REFERENCE

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
476	KT-2300-G/GS/GC	PTD	M-3016675	R-3016675	C-41K
477	KT-2300-C/P/L-900	PTD	M-3016675	R-3016675	C-41K
478	KTA-2300-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
501	KTA-2300-C/P/L-1050/1200	PTD	M-3016676	R-3016676	C-41K
502	KT-2300-M	PTD	M-3022197	R-3022197	C-41K
503	KTA-2300-M	PTD	M-3016676	R-3016676	C-41K
505	KTA-2300-G/GS/GC	PTD	M-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	M-3016676	R-3016676	C-41K
521	KTA-2300-C/L/P-1200	PTD	M-3016676	R-3016676	C-41K
522	KTA-3067-C/L/P	PTD	M-3016676	R-3016676	C-41K
526	KTA-3067-C/P	PTD	M-3016676	R-3016676	C-41K
546	KTA-3067-C	PTD	M-3052255	R-3052255	C-42K
569	KTTA-19-C/P/L	STC	3058800		
584	KT-1150-M	PTD	M-3016676	R-3016676	C-41K
610	KT-2300-C/P/L	PTD	M-3016675	R-3016675	C-41K
640	KT-1150-G	PTD	M-3016675	R-3016675	C-41K
644	KTTA-2300-C	STC	3052227		
645	KTTA-3067-C	STC	3052227		
672	KTA-19-G	PTD	M-3016676	R-3016676	C-41K
687	KTA-3067-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
688	KTA-50-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
693	KTTA-38-G/GS/GC	STC	3052227		
720	KTA-19-M	STC	3058800		
724	KTA-19-M	PTD	M-3022197	R-3022197	C-41K
736	KTA-50-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
737	KTA-50-C/P/L	PTD	M-3016676	R-3016676	C-41K
738	KTA-50-G/GS/GC	PTD	M-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	M-3052255	R-3052255	C-42K
810	KT-38-C	PTD	M-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	M-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 (cont.)

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	M-3052255	R-3052255	C-42K
851	KTA-38-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
852	KTA-38-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
853	KTA-50-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
854	KTA-50-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
855	KT-38-M/G/GS/GC	PTD	M-3052255	R-3052255	C-42K
859	KTA-38-C-1200	STC	3076132		
860	KTTA-19-P	STC	3076132		
861	KTA-50-M	PTD	M-3053124	R-3053124	C-41K
862	KTA-50-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
863	KTA-50-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
864	KTA-38-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
865	KTA-38-M	PTD	M-3053124	R-3053124	C-41K
866	KTA-38-G/GS/GC	PTD	M-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	M-3053124	R-3053124	C-41K
870	KTA-50-C/P/L	PTD	M-3053124	R-3053124	C-41K
871	KTA-50-C/P	PTD	M-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	M-3053124	R-3053124	C-41K
875	KTA-50-G/GS/GC	PTD	M-3053124	R-3053124	C-41K
876	KTTA-38-G/GS/GC	STC	3076132		
877	KTA-38-G	PTD	M-3053124	R-3053124	C-41K
878	KTA-50-C	STC	3076132		
879	KT-38-C/L/P	PTD	M-3052255	R-3052255	C-42K
884	KT-19-G/GS/GC	PTD	M-3016675	R-3016675	C-41K
885	KTA-19-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
886	KTA-19-G/GS/GC	PTD	M-3016676	R-3016676	C-41K
888	KTA-19-G	PTD	M-3016676	R-3016676	C-41K
889	KTA-38-G	PTD	M-3053124	R-3053124	C-41K
898	KT-38-G/GS/GC	PTD	M-3052255	R-3052255	C-42K
900	KT-38-G/GS/GC	PTD	M-3052255	R-3052255	C-42K
901	KT-38-C/L/P	PTD	M-3052255	R-3052255	C-42K
951	KTTA-19-C	STC	3076130		
952	KTA-19-M	PTD	M-3022197	R-3022197	C-41K
968	KTTA-50-C/L	STC	3076133		
969	KTA-19-M	PTD	M-3022197	R-3022197	C-41K
975	KT-38-M	PTD	M-3053126	R-3053126	C-41K
976	KTA-38-M	PTD	M-3053126	R-3053126	C-41K
977	KTA-50-M	PTD	M-3053126	R-3053126	C-41K
1170	KTTA-19-G	STC	3076700		

FUEL INJECTOR REFERENCE (cont.)

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
1190	KTA-19-R	PTD	M-3016676	R-3016676	C-41K
1219	KTA-50-G	STC	3076703		
1250	KTTA-50-C-2000	STC	3076704		
1251	KTA-38-G	STC	3076703		
1253	KTTA-19-C/R/P/L	STC	3076130		
1254	KTTA-50-G	STC	3076702		
1299	KTA-38-G	PTD	M-3053124	R-3053124	C-41K
1300	KTA-38-G	PTD	M-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	KTTA-19-C	STC	3078194		
1506	KTA-19-C	PTD	M-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 (cont.)

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	M-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	M-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		

FUEL INJECTOR REFERENCE (cont.)

CPL #	MODEL	TYPE	NEW PART #	REMAN PART #	IM CORE CODE
2936	KTTA38-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		
6225	KTA-38-G5	STC	3076702		
6229	KTA-50-G3/G5	STC	3076702		
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		

Note:
STC = Step Timing Control
PTD = Presure Timing Delivery
ECM = Electronic Control Module

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www.Interstate-McBee.com

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only and does not imply that any part listed is the product of these manufacturers.

PTD-K INJECTOR COMPONENTS

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

KT - QSK SERIES

STC-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	M-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	M-3042427	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	M-3060615										X													
Compression Spring - Small OD	M-3042428	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	M-3060614										X													
Cup Retainer	M-3042430	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	M-3066693										X													
Injector Cup	M-3042713		X					X		X														
	M-3059929			X																				
	M-3073573										X													
	M-3077716								X			X												
	M-3279720	X			X	X							X	X							X			
	M-3279747						X										X	X				X	X	
	M-3349862															X								
	M-3609841														X									
	M-3609933																		X					
	M-3609964																			X				X
Injector Nose Sealing Ring	M-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	M-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	M-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	M-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	M-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	M-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	M-3008706		X	X			X	X						X						X				X
	M-3054999	X			X	X			X	X	X	X	X		X	X	X	X	X		X	X	X	
Plunger & Barrel	M-3069707										X													
	M-3076125	X	X						X	X		X												
	M-3076126			X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X
	M-3076127							X																
Plunger Link	M-3052233	X	X	X	X	X	X	X	X	X														
Roll Pin	M-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	M-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	M-3052218	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	M-3066707										X													
Tappet - HVT	M-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	M-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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KT - QSK SERIES

CORE REQUIREMENTS

Cores = C-37S, C-41K, C-42K

Cores MUST BE exchanged as "like for like". Interstate-McBee will not except cores that are of a different core code or core type than the items ordered. Cores must be returned in "re-buildable" condition with the exception of;

- Missing plunger
- Damaged cup

Core Return Policy

CORE RETURNS MUST MEET THE FOLLOWING CRITERIA:

- Units must be properly identified wih their part number.
- Units must be returned as off of the engine - assembled and complete.
- Units damaged by fire or excessive other damage will not be acceptable.

GROUP CLASSIFICATION OF CORES:

Cores will be accepted for any of the exchange injectors within the specific group classification. Unacceptable cores not meeting the above criteria will be scrapped and no credit will be issued. Copy of the original invoice or a packing slip referring to said invoice must accompany cores upon return.

CORES MUST BE RETURNED TO:

INTERSTATE-MCBEE
Attn: Core Department
4901 Lakeside Avenue
Cleveland, Ohio 44114

KT - QSK SERIES

TURBOCHARGER & MANIFOLDS

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

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KT - QSK SERIES

TURBOCHARGER & MANIFOLDS (cont.)

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

COOLING SYSTEM

KT19 - KT38 - KT50

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

COOLING SYSTEM (cont.)

KT19 - KT38 - KT50 (cont.)

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

QSK19 - QSK38 - QSK50

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

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

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KT - QSK SERIES

FAN DRIVE

KT19 - KT38 - KT50

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

LUBRICATION SYSTEM

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

LUBRICATION SYSTEM (cont.)

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

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KT19 GASKETS

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

KT19 GASKETS (cont.)

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

KTA38 GASKETS

DESCRIPTION	★	NOTE	PART #	QTY
Accessory Drive Gasket		Accessory Drive Support to Gear Plate	M-3046852	1
Aftercooler Core Gasket	H	Mounting in Housing	M-3011580	4
Aftercooler Gasket	H	Connection to Aftercooler Cover	M-3179026	4
Aftercooler O-ring	H	Tube - between connectors	M-3026421	8
Aftercooler Dust Seal	H	Over Tube	M-3023130	4
Aftercooler Gasket	H	Connection to Intake Manifold	M-3179027	4
Aftercooler O-ring	H	Water Transfer Tube	M-3008710	4
Aftercooler Core Gasket	O	Aftercooler Core Mounting in Housing	M-3026423	4
Aftercooler Gasket	O	Aftercooler Cover - 6 bolt type	M-3035223	4
Aftercooler Gasket	O	Connection to Cover	M-3047665	2
Aftercooler O-ring	O	Tube - between connectors	M-3026421	4
Aftercooler Dust Seal	O	Tube - between connectors	M-3026420	2
Aftercooler Flange Gasket	O	Water Connections	M-3026426	8
Aftercooler Flange Gasket	H	Water Connections	M-3014449	4
Aftercooler Adapter O-ring	O	Water Connections	M-3033915	16
Aftercooler Adapter O-ring	H	Water Connections	M-3003016	4
Aftercooler Connection Seal	O	Water Connections	M-3627449	8
Aftercooler Tube Ferrule	O	Water Connections	M-3348860	7
Aftercooler Core Seal Strip	L	Aftercooler Core Mounting in Housing	M-3865994	4
Aftercooler Intake Gasket	L	Connection to Intake Flange	M-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	M-68910	26
Aftercooler Grommet Seal	L		M-3063294	8
Aftercooler Dust Seal	L		M-3058812	16
Aftercooler Gasket		Mounting to Cylinder Head	M-206277	12
Aftercooler Mounting Seal		Mounting to Cylinder Head	M-3014304	24
Air Compressor Gasket		Air Compressor to Drive - paper	M-3069102	1
Air Compressor Gasket		Air Compressor to Drive - metal	M-3076226	1
Cam Follower Cover Gasket			M-3040721	12
Camshaft Cover Gasket		Rear Cover	M-3040722	2
Cylinder Head Gasket - STD		"Q" style - Edge Moulded	M-4334080	12
Cylinder Head Gasket -.020"		"K" style w/ Grommets	M-3166287	AR
Exhaust Manifold Gasket			M-3037821	12
Flywheel Housing Gasket		Flywheel Housing to Cylinder Block	M-3630874	1
Fuel Pump Mounting Gasket		Injection Pump to Air Compressor or Drive	M-4026171	1
Gear Cover Gasket		Gear Cover to Cylinder Block - 2pc type	M-3178076	1
Gear Cover Gasket		Gear Cover to Cover - 2pc type	M-3177160	1
Hand Hole Cover Gasket			M-3175856	6
Intake Manifold Gasket		Mounting to Cylinder Head	M-206277	12
Intake Manifold Seal		Mounting to Cylinder Head	M-3014304	24
Oil Cooler Gasket		Top of Oil Cooler Core	M-3630969	6
Oil Cooler O-ring		Bottom of Oil Cooler Core	M-212161	12
Oil Filterhead Gasket			M-3643837	2
Oil Filterhead Gasket		Quad Filter Assembly - Front	M-3177108	1
Oil Filterhead Gasket		Quad Filter Assembly - Rear	M-3629387	1
Oil Filterhead Gasket		Quad Filter End Cover	M-3629141	1
Oil Pan Gasket		Adapter to Cylinder Block	M-3043212	1
Oil Pan Gasket		Single Oil Sump to Adapter	M-3043211	1
Oil Pan Gasket		Double Oil Sump to Adapter	M-3043214	1
Oil Pan Gasket		Cover Plate to Adapter	M-3043211	AR
Oil Pump Cover Gasket			M-3643837	1
Oil Slinger Gasket		Flywheel	M-205571	1
Oil Suction Gasket		Pickup Tube	M-206013	1
Piston Cooler O-ring		Piston Cooling Nozzle	M-3007441	12
Rocker Cover Gasket			M-4922219	12
Rocker Housing Gasket		Rocker Box to Cylinder Head	M-3630839	12
Starter Motor Gasket			M-3031007	AR
Thermostat Housing Gasket			M-206443	2
Thermostat Seal			M-3627961	4
Turbo Connection Gasket			M-3630742	1
Turbo Inlet Mounting Gasket		Turbocharger to Exhaust Manifold	M-3178988	2
Turbo Inlet Mounting Gasket		Turbocharger to Exhaust Manifold	M-206576	2

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.

KTA38 GASKETS (cont.)

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

KTA50 GASKETS

DESCRIPTION	★	NOTE	PART #	QTY
Accessory Drive Gasket		Accessory Drive Support to Gear Plate	M-3046852	1
Aftercooler Core Gasket	H	Mounting in Housing	M-3011580	4
Aftercooler Gasket	H	Connection to Aftercooler Cover	M-3179026	4
Aftercooler O-ring	H	Tube - between connectors	M-3026421	8
Aftercooler Dust Seal	H	Over Tube	M-3023130	4
Aftercooler Gasket	H	Connection to Intake Manifold	M-3179027	4
Aftercooler O-ring	H	Water Transfer Tube	M-3008710	4
Aftercooler Core Gasket	O	Aftercooler Core Mounting in Housing	M-3026423	4
Aftercooler Gasket	O	Aftercooler Cover - 6 bolt type	M-3035223	4
Aftercooler Gasket	O	Aftercooler Cover - 4 bolt Clamp type	M-3047665	2
Aftercooler O-ring	O	Tube - between connectors	M-3026421	4
Aftercooler Dust Seal	O	Tube - between connectors	M-3026420	2
Aftercooler Flange Gasket	O	Water Connections	M-3026426	8
Aftercooler Adapter O-ring	O	Water Connections	M-3033915	16
Aftercooler Connection Seal	O	Water Connections	M-3627449	8
Aftercooler Tube Ferrule	O	Water Connections	M-3348860	8
Aftercooler Core Seal	L	Aftercooler Core Mounting in Housing	M-3627382	4
Aftercooler Core Seal Strip	L	Aftercooler Core Mounting in Housing	M-3627381	4
Aftercooler Intake Gasket	L	Connection to intake flange	M-3047665	4
Aftercooler O-ring	L	Coolant Tubes	M-68910	26
Aftercooler Grommet Seal	L		M-3063294	8
Aftercooler Dust Seal	L		M-3058812	16
Aftercooler Mounting Gasket		Mounting to Cylinder Head	M-206277	16
Aftercooler Mounting Seal		Mounting to Cylinder Head	M-3014304	32
Air Compressor Gasket		Air Compressor to Drive - paper	M-3069102	1

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KTA50 GASKETS (cont.)

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

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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.

QSK19 GASKETS

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

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only and does not imply that any part listed is the product of these manufacturers.

QSK19 GASKETS (cont.)

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

QSK38 GASKETS

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

QSK38 GASKETS (cont.)

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

QSK50 GASKETS

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

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only and does not imply that any part listed is the product of these manufacturers.

QSK45/QSK60 SERIES

CYLINDER COMPONENTS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
M-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
M-4309254	12	16	Piston Ring Set	HPI Mechanical
M-4955327	12	16	Piston Ring Set	MCRS
M-4956091	12	16	Piston Ring Set	
M-4309263	12	16	Piston Ring Set	
M-4001416	12	16	Piston Pin	
M-3089251	24	32	Piston Pin Retainer	
M-4089143	12	16	Cylinder Liner Kit	Ref. (M-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
MCBQSK0039	12	16	Cylinder Liner Seal Kit	
- M-3081489	1	1	- Cylinder Liner Band Seal	
- M-4017292	1	1	- Cylinder Liner Seal Ring	Blue
- M-3014668	1	1	- Cylinder Liner Seal Ring	Orange

ENGINE BEARINGS

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

QSK45/QSK60 SERIES

ENGINE BEARINGS (cont.)

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

CYLINDER HEAD COMPONENTS

PART #	QSK45	QSK60	DESCRIPTION	NOTE
M-2881810	24	32	Intake Valve Kit	Nitrided Head - NO Facing (code "C")
M-2881815	24	32	Intake Valve Kit	S6 Hard Facing (code "K")
M-2881811	24	32	Exhaust Valve Kit	Inconel® Head (code "L")
M-2881812	24	32	Exhaust Valve Kit	S6 Hard Facing (code "S")
M-3641537	96	128	Valve Lock	
M-3646200	48	64	Valve Guide	
M-3408282	24	32	Valve Stem Seals - Int	
M-4080343	24	32	Valve Stem Seals - Exh	
M-4080326	24	32	Intake Valve Seat	
M-4080333	24	32	Exhaust Valve Seat	
M-3635455	48	64	Valve Spring	
In Development	48	64	Valve Spring Retainer	Ref. (3641536)
M-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
M-3649551	1	1	Crankshaft Seal - Front	
M-3649550	1	1	Crankshaft Seal - Rear	
M-206904		1	Woodruff Key	

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only and does not imply that any part listed is the product of these manufacturers.

MODULAR GASKET SETS

Gasket Set Type	QSK45	Qty	QSK60	Qty	Note
Quadrant Cylinder Head★	M-4089231	4	M-4089200	4	HPI Mechanical Injection
	N/A		M-4955370	4	MCRS Electronic Injection
	N/A		M-4089508	4	Natural Gas Application
Quadrant Aftercooler★	M-4089232	4	M-4089201	4	HPI Mechanical Injection
	N/A		M-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★	MCBQSK0045	2	MCBQSK0045	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 Dtage Turbocharging
Cooling System★	M-4089202	1	M-4089202	1	
Cylinder Liner Seal	MCBQSK0039	12	MCBQSK0039	16	Services Single Cylinder Liner
Injector Installation Set	MCBQSKINJ	12	MCBQSKINJ	16	HPI Mechanical Injection
	N/A		MCBQSK0019	16	MCRS Electronic Injection
Lower Fuel System	M-4089308	1	M-4089308	1	
Front Housing	*In Development*	1	*In Development*	1	
Rear Housing	*In Development*	1	*In Development*	1	
Lower Cylinder Block	M-4089316	1	M-4089874	1	HPI Single Stage Turbocharging
Oil Pan	M-4089317	1	N/A		Double Sump - Singe Cover
	N/A		M-4956000	1	Double Sump - Two Covers
			M-4089511	1	Full Length Sump
Water Pump	MCBQSK0048	1	MCBQSK0048	1	
	MCBQSK0058	1	MCBQSK0058	1	Dual Impeller
Acessory Drive Set	*In Development*	1	*In Development*	1	Ref. (4089875)

★=Required to perform an upper engine overhaul

INTERSTATE-MCBEE, LLC LIMITED EXTENDED WARRANTY

• Engine Parts

Diesel Engine
New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service for a period of twenty-four (24) months from the date of installation, without mileage or hour limitation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

Natural Gas or Methane Engine and Prime Power Generation
New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service, for a period of twenty four (24) months from the date of installation with the exception of valve train components which are warranted for twelve (12) months from the date of installation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

INTERSTATE-MCBEE RESPONSIBILITIES
Interstate-McBee will pay only for parts, labor and fluids needed to repair damages directly resulting from an above defined warranty failure to the functional condition existing immediately prior to the failure, including progressive damage to the engine in which the warrantable part was installed, provided Interstate-McBee's inspection of said failed part or parts discloses to our satisfaction to have been defective. Labor cost will be paid but not to exceed published flat rates times at Interstate-McBee's standard hourly rate. No overtime or holiday rates will be allowed. Only new or rebuilt Interstate-McBee or Interstate-McBee approved parts will be used in making the repair.

OWNER'S RESPONSIBILITIES
Owner is responsible for the operation and maintenance of the engine as specified in the APPLICABLE O.E.M. OPERATION AND MAINTENANCE MANUALS. Owner must give notice within (30) days of any suspected failure and before expiration of applicable warranty to be considered warrantable. Owner will provide alleged defective and associated parts for examination by Interstate-McBee and, if requested, return same F.O.B. Cleveland, Ohio. Additionally, a complete Electronic Control Module report must accompany the claim. Interstate-McBee further reserves the right to examine any engine subject to a claim under this warranty. Approved warranty work is to be performed by an authorized Interstate-McBee Distributor or Dealer or other Interstate-McBee approved facility. Copies of all work orders and invoices for repairs to the engine must accompany the claim. Owner is responsible for all costs, including, but not limited to, repairs made to items other than the engine in which the parts are installed, "downtime" expenses and all business costs and losses resulting from a warrantable failure.
ALL CLAIMS MUST BE FILED ONLINE AT WWW.INTERSTATE-MCBEE.COM

WARRANTY LIMITATIONS
Interstate-McBee is not responsible for failure resulting from owner or operator abuse or neglect, such as, but not limited to: operation without adequate coolant, fuel or lubricants; over fueling; over speeding; lack of maintenance of lubricating, coolant or air intake systems; improper storage, starting, warm-up, run-in or shut down practices. Interstate-McBee is not responsible for failures resulting from improper repair or installation, for parts that have been altered or for parts not approved by Interstate-McBee. This warranty does not apply to parts furnished on a no charge basis. Interstate-McBee does not warrant parts supplied by Interstate-McBee which bear the name and trademark of another company. These parts are warranted by their manufacturers and not Interstate-McBee.. In no event shall this warranty extend beyond (36) months from the date of sale. THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, FOR THE PARTS NAMED HEREIN BEFORE, MADE BY INTERSTATE-MCBEE OTHER THAN SET FORTH HEREIN. We neither assume nor authorize any other persons to assume for us any other liability in connection with our products. INTERSTATE-MCBEE SHALL NOT BE RESPONSIBLE FOR ANY OTHER CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES. Further, in no event shall Intestate-McBee bear any responsibility for any damages, which exceed the then available aggregate coverage provided under the terms and conditions of its product liability policy.

This warranty shall be interpreted, governed and enforced in accordance with the laws of the State of Ohio, U.S.A. (For products not covered herein, see Interstate-McBee's General Product Warranty.) Any actions or proceedings relating to this warranty must be filed or commenced within three (3) months of the alleged breach. If any of these warranty provisions or portions thereof prohibited by law or by any court of competent jurisdiction, in any locality, its invalidity or unenforceability shall not affect the validity or enforceability of any other warranty provisions or portions thereof.

INTERSTATE-McBEE
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Rev. D Date 6/10/16 Policy No: Q-POL-75-0211

INTERSTATE-MCBEE, LLC LIMITED GENERAL PRODUCTS WARRANTY

- **Engine Management Systems & Components**
- **All Fuel Injection, New & Remanufactured**

COVERAGE

The parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months (unlimited miles and hours), from date of first installation in an engine. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

This warranty does not apply to parts provided by Interstate Interstate-McBee on a no-charge basis. In no event shall this warranty extend beyond twenty four (24) months from date of sale or manufacture.

INTERSTATE-MCBEE RESPONSIBILITIES

The obligation of Interstate-McBee under this warranty, statutory or otherwise, is limited to the replacement or repair of Interstate-McBee parts, which our inspection discloses to our satisfaction to have been defective. Repair will be performed at our factory in Cleveland, OH or other Interstate-McBee approved facility. Proof of purchase is required.

OWNER'S RESPONSIBILITIES

Owner is responsible for the operation and maintenance of the engine as specified in the APPLICABLE O.E.M. OPERATION AND MAINTENANCE MANUALS. Owner must give notice within (30) days of any suspected failure and before expiration of applicable warranty to be considered warrantable. Owner will provide alleged defective and associated parts for examination by Interstate-McBee and, if requested, return same F.O.B. Cleveland, Ohio. Interstate-McBee further reserves the right to examine any engine subject to a claim under this warranty. Owner is responsible for all costs, including, but not limited to, repairs made to items other than the engine in which the parts are installed, "downtime" expenses and all business costs and losses resulting from a warrantable failure. Copies of all work orders and invoices for repairs to the engine must accompany the claim. Additionally, on electronically controlled engines a complete Electronic Control Module (ECM) report (Extraction, Download) must also accompany the claim. ALL CLAIMS MUST BE FILED ONLINE AT WWW.INTERSTATE-MCBEE.COM.

WARRANTY LIMITATIONS

Interstate-McBee is not responsible for failure resulting from owner or operator abuse or neglect, such as, but not limited to: operation without adequate coolant, fuel or lubricants; over-speeding; lack of maintenance of lubricating system, coolant or air intake systems; improper storage, or starting. Interstate-McBee is not responsible for failures resulting from improper repair or installation, for parts that have been altered or for parts not approved by Interstate-McBee. This warranty does not apply to parts furnished on a no charge basis. Interstate-McBee does not warrant parts supplied by Interstate-McBee which bear the name and or trademark of another company. These parts are warranted by their manufacturers and not by Interstate-McBee. In no event shall this warranty extend beyond (twenty four (24) months from the date of sale. THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, FOR THE PARTS NAMED HEREIN BEFORE, MADE BY INTERSTATE-MCBEE OTHER THAN SET FORTH HEREIN. We neither assume nor authorize any other persons to assume for us any other liability in connection with our products. INTERSTATE-MCBEE SHALL NOT BE RESPONSIBLE FOR ANY OTHER CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES. Further, in no event shall Intestate-McBee bear any responsibility for any damages, which exceed the then available aggregate coverage provided under the terms and conditions of its product liability policy.

This warranty shall be interpreted, governed and enforced in accordance with the laws of the State of Ohio, U.S.A. (For products not covered herein, see Interstate-McBee's Extended Warranty). Any actions or proceedings relating to this warranty must be filed or commenced within three (3) months of the alleged breach. If any of these warranty provisions or portions thereof is prohibited by law or by any court of competent jurisdiction, in any locality, its invalidity or unenforceability shall not affect the validity or the enforceability of any other warranty provisions or portions thereof.

INTERSTATE-McBEE

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