

PAGE#	SERIAL#
2	7CZ
3	1MM
4	5DS
5	6NZ550/500 00001-53999
6	6NZ550/500 54000-UP
6	6NZ475 00001-53999
6	6NZ475 54000-UP
7	6NZ455/435 00001-53999
8	6NZ455/435 54000-UP
9	6NZ450/410/375 00001-53999
10	6NZ450/410/375 54000-UP
11	6NZ355 00001-53999
12	6NZ355 54000-UP
13	2WS550/500
14	2WS475
15	2WS455/435
16	2WS450410/375/355
17	1LW550/500
18	1LW475
19	1LW455/435
20	1LW450/410/375/355
21	6TS550/500
22	6T475 MT
23	6TS475
24	6TS455
25	6TS435
26	6TS410/375/355
27	5EK550/500
28	5EK500/475-500MT
29	5EK455
30	5EK435a
31	5EK435&OWS
32	5EK410
33	5EK375
34	5EK355
35	5EK310



## 3406E (16L) - 1MM1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	600	600	600	600	575/600	575/600	575/600	575/600	575	575	575	575
Rated RPM	2100	2100	2300*	2300*	2100	2100	2100	2100	2300	2300	2100	2100
Peak Torque	2050	2050	2050	2050	1850	2050	1850	2050	1850	1850	1850	1850
CORE ARR.G.	1599480	1599110	N/A	N/A	1665374	1665374	1665375	1665375	N/A	N/A	1665372	1665373
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.1)	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502
REMAN PACK	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918
TURBO	1616352	1616352	1616352	1616352	1616352	1616352	1616352	1616352	1616352	1616352	1616352	1616352
REMAN TURBO	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285	0R7285
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	4	52	53	54	49	49	50	50	47	48	45	46
B/S	N	Y	N	Y	N	N	Y	Y	N	Y	N	Y
FLASH FILE	198-3321	198-3322	198-3335	1983336	198-3319	198-3319	198-3320	1983320	198-3334	198-3333	198-3317	198-3318
F.F. Latest Ver.	215-7864	215-7865	215-7866	215-7867	215-7862	215-7862	215-7863	215-7863	215-7861	215-7860	215-7858	215-7859
Perf Spec	0K1015	0K1084	0K1296	0K1297	0K1294	0K1295	0K1330	0K1331	0K1328	0K1329	0K1293	0K1332
TMI	DM4753	DM4753	DM4753	DM4753	DM4751	DM4752	DM4752	DM4752	DM4751	DM4751	DM4751	DM4751
Note			Field Rerate	Field Rerate					Field Rerate	Field Rerate		
Column #	1	2	3	4	5	6	7	8	9	10	11	12

## 3406E (16L) - 5DS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	600	600	600	600	600	600	600	600	600	575	575
Rated RPM	2100	2100	2100	2100	2300	2300	2300	2300	2300	2100	2100
Peak Torque	2050	2050	2050	2050	2050	2050	2050	2050	2050	1850	1850
CORE ARR.	1376504	1403026	1376504	1403026	N/A	N/A	N/A	N/A	N/A	1628021	1628028
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.1)	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502	1398502
REMAN PACK	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918	0R8918
TURBO	1383200	1383200	1598542	1598542	1383200	1383200	1598542	1598542	1598542	1598542	1598542
REMAN TURBO	0R7176	0R7176	0R7275	0R7275	0R7176	0R7176	0R7275	0R7275	0R7275	0R7275	0R7275
CAMSHAFT	1390538	1380538	1390538	1380538	1390538	1380538	1390538	1380538	1390538	1380538	1380538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	96	97	160	161	145	146	170	171	167	167	168
B/S	N	Y	N	Y	N	Y	N	Y	N	N	Y
FLASH FILE	1708230	1708231	1708232	1708233	1708238	1708239	1708240	1770097	1708228	1708228	1708229
F.F. Latest Ver.	**	**	**	**	**	**	**	**	**	**	**
Perf Spec	2T9085	2T9086	0K1010	0K1011	2T9085	2T9086	0K1010	0K1011	0K1011	0K1072	0K1073
TMI	DM2455	DN2455	DM2455	DN2455	DM2455	DN2455	DM2455	DN2455	DM4079	DM4079	DM4079
Note					Field Rerate	Field Rerate	Field Rerate	Field Rerate			
Column #	1	2	3	4	5	6	7	8	9	10	
*S/N Range*	5DS1-323	5DS1-323	5DS324-up	5DS324-up	5DS1-up	5DS1-up	5DS324-up	5DS324-up	5DS1-up	5DS1-up	





## C15 - 6NZ1 - 53999 UPRATE - ABILITY AND COMPARISION CHART

Rated HP	475 1800	475 1800	475 2100	475 2100	475 1800	475 1800	475 1800	475 1800	475 1800	475/500 2100	475/500 2100	475/500 2100	475/500 2100
Rated RPM	1650	1650	1650	1650	1750	1750	1750	1750	1750	1650	1750	1650	1750
Peak Torque	1605340	1769407	1605340	1769407	1605340	1769407	1605340	1769407	1605340	1769424	1769424	1769427	1769427
CORE ARRG.	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479
INJECTOR	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
REMAN INJ.	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
PISTON (16.6:1)	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
REMAN PACK	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271
TURBO	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310
REMAN TURBO	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
CAMSHAFT	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
REMAN CAM	6	83	6	83	6	83	6	83	6	86	86	87	87
INTER-LOCK	N	Y	N	Y	N	Y	N	Y	N	N	N	Y	Y
B/S	1983247	1983248	1983247	1983248	1983247	1983248	1983247	1983248	1983247	1983251	1983251	1983252	1983252
FLASH FILE	2206655	2206657	2206655	2206657	2206655	2206657	2206655	2206657	2206655	2206660	2206660	2206661	2206661
F.F. Latest Ver.	0K1584	0K1793	0K10887	0K1794	0K1585	0K1795	0K1089	0K1792	0K1801	0K1800	0K1803	0K1802	0K1802
Perf Spec	DM4916	DM4916	DM4917	DM4917	DM4918	DM4918	DM4919	DM4919	DM4917	DM4921	DM4917	DM4921	DM4921
TMI									Top 2	Top 2	Top 2	Top 2	Top 2
Note	Column #	1	2	3	4	5	6	7	8	9	10	11	12
	*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999

## C15 - 6NZ1 - 53999 UPRATE - ABILITY AND COMPARISION CHART

Rated HP	475/500 2100	475/500 2100	475/500 2100	475/500 2100
Rated RPM	1650	1850	1650	1850
Peak Torque	1769419	1769419	1769422	1769422
CORE ARRG.	1592479	1592479	1592479	1592479
INJECTOR	0R9257	0R9257	0R9257	0R9257
REMAN INJ.	1333360	1333360	1333360	1333360
PISTON (16.6:1)	0R8915	0R8915	0R8915	0R8915
REMAN PACK	1679271	1679271	1679271	1679271
TURBO	0R7310	0R7310	0R7310	0R7310
REMAN TURBO	1390538	1390538	1390538	1390538
CAMSHAFT	0R8813	0R8813	0R8813	0R8813
REMAN CAM	84	84	85	85
INTER-LOCK	N	N	Y	Y
B/S	1983248	1983249	1983250	1983250
FLASH FILE	2206658	2206658	2206659	2206659
F.F. Latest Ver.	0K1797	0K1796	0K1799	0K1798
Perf Spec	DM4917	DM4920	DM4917	DM4920
TMI	Top 2	Top 2	Top 2	Top 2
Note	Column #	1	2	3
	*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999

## C15 - 6NZ54000 - UP "Clean Power" UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475 1800	475 1800	475 2100	475 2100	475 1800	475 1800	475 2100	475 2100	475/500 2100	475/500 2100	475/500 2100	475/500 2100
Rated RPM												
Peak Torque	1650	1650	1650	1650	1750	1750	1750	1750	1650	1750	1650	1750
CORE ARRG.	1605340	1769407	1605340	1769407	1605340	1769407	1605340	1769407	1769424	1769424	1769427	1769427
INJECTOR	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479	1592479
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6:1)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	134	135	134	135	134	135	134	135	138	138	139	139
B/S	N	Y	N	Y	N	Y	N	Y	N	N	Y	Y
FLASH FILE	2085776	2085777	2085776	2085777	2085776	2085777	2085776	2085777	2085780	2085780	2085781	2085781
MIN MAX	2157388	2157389	2157388	2157389	2157388	2157389	2157388	2157389	2157392	2157392	2157393	2157393
CP Perf Spec	0K3910	0K3911	0K3912	0K3913	0K3914	0K3915	0K3916	0K3917	0K3918	0K3919	0K3920	0K3921
NCP Perf Spec	0K1584	0K1793	0K1088	0K1794	0K1585	0K1795	0K1089	0K1792	0K1801	0K1800	0K1803	0K1802
TMI												
Note									Top 2	Top 2	Top 2	Top 2
Column #	1	2	3	4	5	6	7	8	9	10	11	12
*S/N Range*	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP

## C15 - 6NZ54000 - UP "Clean Power" UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475/500 2100	475/500 2100	475/500 2100	475/500 2100
Rated RPM				
Peak Torque	1650	1850	1650	1850
CORE ARRG.	1769419	1769419	1769422	1769422
INJECTOR	1592479	1592479	1592479	1592479
REMAN INJ.	0R9257	0R9257	0R9257	0R9257
PISTON (16.6:1)	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	136	136	137	137
B/S	N	N	Y	Y
FLASH FILE	2085778	2085778	2087779	2085779
Latest FF	2157390	2157390	2157391	2157391
CP Perf Spec	0K3922	0K3923	0K3924	0K3925
NCP Perf Spec	0K1797	0K1796	0K1799	0K1798
TMI				
Note	Top 2	Top 2	Top 2	Top 2
Column #	1	2	3	4
*S/N Range*	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP





## C15 - 6NZ1 - 53999 (LOW HP) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	450 M/T	450 M/T	410	410	410	410							
Rated RPM	2100	2100	1800	2100	1800	2100							
Peak Torque	1550	1650	1450	1450	1550	1550							
CORE ARR.G.	N/A	N/A	N/A	N/A	N/A	N/A							
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631							
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256							
PISTON (16.6:1)	1684535	1684535	1684535	1684535	1684535	1684535							
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942							
TURBO	1767716	1767716	1767716	1767716	1767716	1767716							
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806							
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153							
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814							
INTER-LOCK	78	78	74	74	74	74							
B/S	N	N	N	N	N	N							
FLASH FILE	1983242	1983242	1983238	1983238	1983238	1983238							
Latest FF	2206650	2206650	2206645	2206645	2206645	2206645							
Perf Spec	OK1773	OK1772	OK1769	OK1770	OK1771	OK1768							
TMI	DM4935	DM4936	DM4931	DM4932	DM4934	DM4934							
Note	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate							
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999							

## C15 - 6NZ1 - 53999 (LOW HP) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	375	375	375 M/T	375 M/T	375 M/T	375 M/T	375/435	375/435	375/435	375/435			
Rated RPM	1800	2100	1800	1800	2100	2100	1800	1800	1800	1800			
Peak Torque	1450	1450	1450	1550	1450	1550	1450	1550	1450	1550			
CORE ARR.G.	1605339	1605339	1769344	1769344	1769344	1769344	1665353	1665353	1665353	1665353			
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631			
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256			
PISTON (16.6:1)	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535			
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942			
TURBO	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716			
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806			
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153			
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814			
INTER-LOCK	72	72	73	73	73	73	55	55	55	55			
B/S	N	N	N	N	N	N	N	N	N	N			
FLASH FILE	1983235	1983235	1983236	1983236	1983236	1983236	1983237	1983237	1983237	1983237			
F.F. Latest Ver.	2206642	2206642	2206643	2206643	2206643	2206643	2206644	2206644	2206644	2206644			
Perf Spec	OK1759	OK1758	OK1763	OK1762	OK1761	OK1760	OK1651	OK1652	OK1582	OK1583			
TMI	DM4901	DM4902	DM4901	DM4903	DM4902	DM4904	DM4901	DM4905	DM4901	DM4906			
Note	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T			
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999			

## C15 - 6NZ54000 - UP (LOW HP) "Clean Power" UPRATE - ABILITY AND COMPARISION CHART

Rated HP	450 M/T	450 M/T	410	410	410	410							
Rated RPM	2100	2100	1800	2100	1800	2100							
Peak Torque	1550	1650	1450	1450	1550	1550							
CORE ARR.G.	N/A	N/A	N/A	N/A	N/A	N/A							
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631							
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256							
PISTON (16.6:1)	1684535	1684535	1684535	1684535	1684535	1684535							
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942							
TURBO	1767716	1767716	1767716	1767716	1767716	1767716							
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806							
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153							
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814							
INTER-LOCK	129	129	125	125	125	125							
B/S	N	N	N	N	N	N							
FLASH FILE	2085770	2085770	2085766	2085766	2085766	2085766							
Latest FF	2157383	2157383	2157379	2157379	2157379	2157379							
CP PERF	0K3981	0K3982	0K3977	0K3978	0K3979	0K3980							
NCP PERF	0K1773	0K1772	0K1769	0K1770	0K1771	0K1772							
TMI													
Note	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate							
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
*S/N Range*	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP							

## C15 - 6NZ54000 - UP (LOW HP) "Clean Power" UPRATE - ABILITY AND COMPARISION CHART

Rated HP	375	375	375 M/T	375 M/T	375 M/T	375 M/T	375/435	375/435	375/435	375/435			
Rated RPM	1800	2100	1800	1800	2100	2100	1800	1800	1800	1800			
Peak Torque	1450	1450	1450	1550	1450	1550	1450	1550	1450	1550			
CORE ARR.G.	1605339	1605339	1769344	1769344	1769344	1769344	1665353	1665353	1665353	1665353			
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631	1592631			
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256			
PISTON (16.6:1)	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535	1684535			
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942			
TURBO	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716	1767716			
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806			
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153			
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814			
INTER-LOCK	122	122	123	123	123	123	124	124	124	124			
B/S	N	N	N	N	N	N	N	N	N	N			
FLASH FILE	2085763	2085763	2085764	2085764	2085764	2085764	2085765	2085765	2085765	2085765			
Latest FF	2157376	2157376	2157377	2157377	2157377	2157377	2157378	2157378	2157378	2157378			
CP PERF	0K3880	0K3881	0K3882	0K3883	0K3884	0K3885	0K3886	0K3887	0K3888	0K3889			
NCP PERF	0K1759	0K1758	0K1763	0K1762	0K1761	0K1760	0K1651	0K1652	0K1582	0K1583			
TMI	DM7231	DM7232	DM7231	DM7234	DM7232	DM7236	DM7231	DM7238	DM7231	DM7240			
Note	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T			
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
*S/N Range*	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP			

## C15 - 6NZ1 - 53999 (LOW HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	355 1800	355 2100	355 1800	355 1800	355 2100	355 2100						
Rated RPM												
Peak Torque	1350	1350	1350	1450	1350	1450						
CORE ARR. G.	1769332	1769332	1769334	1769334	1769334	1769334						
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631						
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256						
PISTON (18.0:1)	1684535	1684535	1684535	1684535	1684535	1684535						
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942						
TURBO	1767716	1767716	1767716	1767716	1767716	1767716						
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806						
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153						
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814						
INTER-LOCK	70	70	71	71	71	71						
B/S	N	N	N	N	N	N						
FLASH FILE	1983233	1983233	1983234	1983234	1983234	1983234						
F.F. Latest Ver.	2206640	2206640	2206641	2206641	2206641	2206641						
Perf Spec	OK1753	OK1752	OK1757	OK1756	OK1755	OK1754						
TMI	DM4754	DM4755	DM4772	DM4774	DM4773	DM4775						
Note			M/T	M/T	M/T	M/T						
Column #	1	2	3	4	5	6	7	8	9	10	11	12
*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999						

### C15 - 6NZ1 - 53999 (LOW HP) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	355	355	355	355	355	355						
Rated RPM	1800	2100	1800	1800	2100	2100						
Peak Torque	1350	1350	1350	1450	1350	1450						
CORE ARR.G.	1769332	1769332	1769334	1769334	1769334	1769334						
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631						
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256						
PISTON (18.0:1)	1684535	1684535	1684535	1684535	1684535	1684535						
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942						
TURBO	1767716	1767716	1767716	1767716	1767716	1767716						
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806						
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153						
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814						
INTER-LOCK	70	70	71	71	71	71						
B/S	N	N	N	N	N	N						
FLASH FILE	1983233	1983233	1983234	1983234	1983234	1983234						
F.F. Latest Ver.	2206640	2206640	2206641	2206641	2206641	2206641						
Perf Spec	OK1753	OK1752	OK1757	OK1756	OK1755	OK1754						
TMI	DM4754	DM4755	DM4772	DM4774	DM4773	DM4775						
Note			M/T	M/T	M/T	M/T						
Column #	1	2	3	4	5	6	7	8	9	10	11	12
*S/N Range*	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999	6NZ1-53999						

### C15 - 6NZ54000 - UP (LOW HP) "Clean Power" UPRATE - ABILITY AND COMPARISION CHART

Rated HP	355	355	355	355	355	355						
Rated RPM	1800	2100	1800	1800	2100	2100						
Peak Torque	1350	1350	1350	1450	1350	1450						
CORE ARR.G.	1769332	1769332	1769334	1769334	1769334	1769334						
INJECTOR	1592631	1592631	1592631	1592631	1592631	1592631						
REMAN INJ.	0R9256	0R9256	0R9256	0R9256	0R9256	0R9256						
PISTON (18.0:1)	1684535	1684535	1684535	1684535	1684535	1684535						
REMAN PACK	0R9942	0R9942	0R9942	0R9942	0R9942	0R9942						
TURBO	1767716	1767716	1767716	1767716	1767716	1767716						
REMAN TURBO	0R9806	0R9806	0R9806	0R9806	0R9806	0R9806						
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153						
REMAN CAM	0R8814	0R8814	0R8814	0R8814	0R8814	0R8814						
INTER-LOCK	120	120	121	121	121	121						
B/S	N	N	N	N	N	N						
FLASH FILE	2085761	2085761	2085762	2085762	2085762	2085762						
Latest FF	2157374	2157374	2157375	2157375	2157375	2157375						
CP PERF	OK3874	OK3875	OK3876	OK3877	OK3878	OK3879						
NCP PERF	OK1753	OK1752	OK1757	OK1756	OK1755	OK1754						
TMI	DM7225	DM7226	DM7225	DM7228	DM7226	DM7230						
Note			M/T	M/T	M/T	M/T						
Column #	1	2	3	4	5	6	7	8	9	10	11	12
*S/N Range*	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP	6NZ54000-UP						

## 3406E - 2WS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	550	550	550	550	500	500	500	500	500	500	500	500	
Rated RPM	2100	2100	2300	2300	2100	2100	2100	2100	2100	1800	1800	2100	2100
Peak Torque	1850	1850	1850	1850	1650	1650	1750	1750	1850	1850	1850	1850	1850
CORE ARR.	1388544	1388545	N/A	N/A	1665364	1665365	1665364	1665365	1665364	1665365	1665364	1665364	1665365
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	41	42	43	44	35	36	35	36	59	60	59	60	60
B/S	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	Y
FLASH FILE	1983325	1983326	1983331	1983332	1983312	1983315	1983312	1983315	1983314	1983316	1983314	1983314	1983316
F.F. Latest Ver.	2157854	2157855	2157856	2157857	2157845	2157848	2157845	2157848	2157847	2157849	2157847	2157847	2157849
Perf Spec	OK1014	OK1282	OK1291	OK1292	OK1271	OK1503	OK1272	OK1273	OK1275	OK1274	OK1276	OK1277	OK1277
TMI	DM4100	DM4100	DM4100	DM4100	DM4095	DM4095	DM4096	DM4096	DM4097	DM4097	DM4098	DM4098	DM4098
Note			Field Rerate	Field Rerate			Fleet	Fleet					
Column #	1	2	3	4	5	6	7	8	9	10	11	12	

## 3406E - 2WS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	500	500	500	500	500	500	500	500
Rated RPM	2100	2100	2100	2100	2300	2300	2300	2300
Peak Torque	1750	1850	1750	1850	1850	1850	1850	1850
CORE ARR.	1665366	1665366	1665368	1665368	N/A	N/A	N/A	N/A
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	39	39	40	40	37	38	37	38
B/S	N	N	Y	Y	N	Y	N	Y
FLASH FILE	1983323	1983323	1983324	1983324	1983329	1983330	1983329	1983330
F.F. Latest Ver.	2157850	2157850	2157851	2157851	2157852	2157853	2157852	2157853
Perf Spec	OK1287	OK1288	OK1289	OK1290	OK1281	OK1279	OK1280	OK1278
TMI	DM4096	DM4099	DM4096	DM4099	DM4098	DM4098	DM4097	DM4097
Note	M/T	M/T	M/T	M/T	Field Rerate	Field Rerate	Field Rerate	Field Rerate
Column #	1	2	3	4	5	6	7	8

## 3406E - 2WS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475	475	475	475	475	475	475	475	475/500M/T	475/500M/T	475/500M/T	475/500M/T
Rated RPM	1800	1800	2100	2100	1800	1800	2100	2100	2100	2100	2100	2100
Peak Torque	1650	1650	1650	1650	1750	1750	1750	1750	1650	1750	1650	1750
CORE ARR.	1605725	1665358	1605725	1665358	1605725	1665358	1605725	1665358	1665361	1665361	1665363	1665363
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	2	30	2	30	2	30	2	30	33	33	34	34
B/S	N	Y	N	Y	N	Y	N	Y	N	N	Y	Y
FLASH FILE	1983306	1983307	1983306	1983307	1983306	1983307	1983306	1983307	1983310	1983310	1683311	1983311
F.F. Latest Ver.	2157839	2157840	2157839	2157840	2157839	2157840	2157839	2157840	2157843	2157843	2157844	2157844
Perf Spec	0K1259	0K1261	0K1013	0K1262	0K1260	0K1263	0K1071	0K1264	0K1265	0K1266	0K1267	0K1268
TMI	DM4089	DM4089	DM4090	DM4090	DM4091	DM4091	DM4092	DM4092	DM4090	DM4093	DM4090	DM4093
Note									M/T Top 2	M/T Top 2	M/T Top 2	M/T Top 2
Column #	1	2	3	4	5	6	7	8	9	10	11	12
*S/N Range*												

## 3406E - 2WS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475/500	475/500	475/500	475/500
Rated RPM	2100	2100	2100	2100
Peak Torque	1650	1850	1650	1850
CORE ARR.	1665359	1665359	1665360	1665360
INJECTOR	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915
TURBO	1679271	1679271	1679271	1679271
REMAN TURBO	0R7310	0R7310	0R7310	0R7310
CAMSHAFT	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	31	31	32	32
B/S	N	N	Y	Y
FLASH FILE	1983308	1983308	1983309	1983309
F.F. Latest Ver.	2157841	2157841	2157842	2157842
Perf Spec	0K1269	0K1270	0K1326	0K1327
TMI	DM4090	DM4094	DM4090	DM4094
Note	M/T Top 2	M/T Top 2	M/T Top 2	M/T Top 2
Column #	1	2	3	4
*S/N Range*				





### 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	550	550	550	550						
Rated RPM	2100	2100	2300	2300						
Peak Torque	1850	1850	1850	1850						
CORE ARR.	1443385	1443389	N/A	N/A						
INJECTOR	1408993	1408993	1408993	1408993						
REMAN INJ.	0R9257	0R9257	0R9257	0R9257						
PISTON (16.6)	1333360	1333360	1333360	1333360						
REMAN PACK	0R8915	0R8915	0R8915	0R8915						
TURBO	1464328	1464328	1464328	1464328						
REMAN TURBO	0R7223	0R7223	0R7223	0R7223						
CAMSHAFT	1390538	1390538	1390538	1390538						
REMAN CAM	0R8813	0R8813	0R8813	0R8813						
INTER-LOCK	123	124	143	144						
Low Nox IC	423	424	443	444						
B/S	N	Y	N	Y						
FLASH FILE	1708226	1708227	1708236	1708237						
F.F. Latest Ver.	1925341	1925342	1925343	1925344						
Perf Spec	2T9489	2T9490	2T9489	2T9490						
TMI	DM2433	DM2433	DM2433	DM2433						
Note			Field Rerate	Field Rerate						
Column #	1	2	3	4	5	6	7	8	9	10

### 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	500	500	500	500	500	500	500	500	500	500	500	500	500
Rated RPM	2100	2100	2100	1800	1800	2100	2100	2100	2100	2100	2100	2300	2300
Peak Torque	1650	1750	1750	1850	1850	1850	1850	1750	1850	1750	1850	1850	1850
CORE ARR.	1636087	1453819	1453820	1443367	1443370	1443367	1443370	1622144	1622144	1622145	1622145	N/A	N/A
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328
REMAN TURBO	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	162	125	126	121	122	121	122	157	157	158	158	141	142
Low Nox IC	462	425	426	421	422	421	422					441	442
B/S	N	N	Y	N	Y	N	Y	N	N	Y	Y	N	Y
FLASH FILE	1708221	1708222	1708223	1708224	1708225	1708224	1708225	1599462	1599462	1599463	1599463	1708234	1708235
F.F. Latest Ver.	1925334	1925335	1925336	1925337	1925338	1925337	1925338	None	None	None	None	1925339	1925340
Perf Spec	0K1018	2T9570	2T9571	2T9485	2T9486	2T9485	2T9486	0K0958	0K0959	0K0960	0K0961	2T9487	2T9488
TMI	?	DM2473	DM2473	DM2444	DM2444	DM2445	DM2445	DM2473	DM2445	DM2473	DM2445	DM2445	DM2445
Note	Field Rerate	Fleet	Fleet					M/T	M/T	M/T	M/T	Field Rerate	Field Rerate
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13

## 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	475 1800	475 1800	475 2100	475 2100	475 1800	475 1800	475 2100	475 2100	475 2100	475/500 2100	475/500 2100	475/500 2100	475/500 2100
Rated RPM	1650	1650	1650	1650	1750	1750	1750	1750	1750	1650	1750	1650	1750
Peak Torque	1650	1650	1650	1650	1750	1750	1750	1750	1750	1650	1750	1650	1750
CORE ARR.G.	1443350	1443351	1443350	1443351	1443350	1443351	1443350	1443351	1443351	1621620	1621620	1621621	1621621
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.1)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328
REMAN TURBO	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	119	120	119	120	119	120	119	120	119	155	155	156	156
Low Nox IC	419	420	419	420	419	420	419	420	419	455	455	456	456
B/S	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	Y
FLASH FILE	1708215	1708216	1708215	1708216	1708215	1708216	1708215	1708216	1708216	1708219	1708219	1708220	1708220
F.F. Latest Ver.	1925328	1925329	1925328	1925329	1925328	1925329	1925328	1925329	1925329	1925330	1925330	1925331	1925331
Perf Spec	2T9474	2T9474	2T9475	2T9476	2T9477	2T9478	2T9479	2T9479	2T9480	0K0938	0K0942	0K0944	0K0945
TMI	DM2440	DM2440	DM2441	DM2441	DM2442	DM2442	DM2443	DM2443	DM2443	DM2441	DM2443	DM2441	DM2443
Note											Top 2/w/sw		Top 2/w/sw
Column #	1	2	3	4	5	6	7	8	9	10	11	12	

## 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	475/500	475/500	475/500	475/500
Rated RPM	2100	2100	2100	2100
Peak Torque	1650	1850	1650	1850
CORE ARR.G.	1443355	1443355	1443359	1443359
INJECTOR	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915
TURBO	1464328	1464328	1464328	1464328
REMAN TURBO	0R7223	0R7223	0R7223	0R7223
CAMSHAFT	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	117	118	117	118
Low Nox IC	417	418	417	418
B/S	N	N	Y	Y
FLASH FILE	1708217	1708217	1708218	1708218
F.F. Latest Ver.	1925332	1925333	1925332	1925333
Perf Spec	2T9483	2T9481	2T9484	2T9482
TMI	DM2441	DM2472	DM2441	DM2472
Note		Top 2		Top 2
Column #	1	2	3	4

### 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	455	455	455	455	455	455	455 M/T	455 M/T
Rated RPM	2100	2100	1800	1800	2100	2100	2100	2100
Peak Torque	1550	1550	1650	1650	1650	1650	1550	1750
CORE ARR.	1541624	1543287	1443332	1443335	1443332	1443335	1443341	1443341
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328
REMAN TURBO	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	138	139	113	114	113	114	115	115
Low Nox IC	438	439	413	414	413	414	415	415
B/S	N	Y	N	Y	N	Y	N	N
FLASH FILE	1708209	1708210	1708211	1708212	1708211	1708212	1708213	1708213
F.F. Latest Ver.	1925322	1925323	1925324	1925325	1925324	1925325	1925326	1925326
Perf Spec	0K0553	0K0554	2T9465	2T9466	2T9467	2T9468	2T9471	2T9469
TMI	DM2470	DM2470	DM2438	DM2438	DM2439	DM2439	DM2470	DM2471
Note								
Column #	1	2	3	4	5	6	7	8

### 3406E - 1LW1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	455 M/T	455 M/T	435	435	435	435	435	435	435	435
Rated RPM	2100	2100	1800	1800	2100	2100	1800	1800	2100	2100
Peak Torque	1550	1750	1550	1550	1550	1550	1650	1650	1650	1650
CORE ARR.	1443342	1443342								
INJECTOR	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993	1408993
REMAN INJ.	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257	0R9257
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915	0R8915
TURBO	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328	1464328
REMAN TURBO	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223	0R7223
CAMSHAFT	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538	1390538
REMAN CAM	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813	0R8813
INTER-LOCK	116	116	111	112	111	112	111	112	111	112
Low Nox IC	416	416	411	412	411	412	411	412	411	412
B/S	Y	Y	N	Y	N	Y	N	Y	N	Y
FLASH FILE	1708214	1708214	1708206	1708207	1708206	1708207	1708206	1708207	1708206	1708207
F.F. Latest Ver.	1925327	1925327	1925320	1925321	1925320	1925321	1925320	1925321	1925320	1925321
Perf Spec	2T9472	2T9470	2T9457	2T9458	2T9459	2T9460	2T9461	2T9462	2T9463	2T9464
TMI	DM2470	DM2471	DM2434	DM2434	DM2435	DM2435	DM2436	DM2436	DM2437	DM2437
Note										
Column #	1	2	3	4	5	6	7	8	9	10

### 3406E - 1LW1 - UP (LOW HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	450	450	410	410	410	410	375	375	375 M/T	375 M/T	375 M/T	375 M/T
Rated RPM	2100	2100	1800	2100	1800	2100	1800	2100	1800	1800	2100	2100
Peak Torque	1550	1650	1450	1450	1550	1550	1450	1450	1450	1550	1450	1550
CORE ARR. G.	N/A	N/A	1443296	1443296	1443296	1443296	1442862	1442862	1442863	1442863	1442863	1442863
INJECTOR	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951
REMAN INJ.	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915
TURBO	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619
REMAN TURBO	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153
REMAN CAM	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814
INTER-LOCK	152	152	107	107	107	107	105	105	106	106	106	106
Low Nox IC	452	452	407	407	407	407	405	405	406	406	406	406
B/S	N	N	N	N	N	N	N	N	N	N	N	N
FLASH FILE	1708208	1708208	1708205	1708205	1708205	1708205	1708200	1708200	1708201	1708201	1708201	1708201
F.F. Latest Ver.	1925319	1925319	1925318	1925318	1925318	1925318	1925313	1925313	1925314	1925314	1925314	1925314
Perf Spec	OK0926	OK0927	2T9441	2T9443	2T9445	2T9447	2T9435	2T9436	2T9438	2T9437	2T9440	2T9439
TMI	DM4077	DM4078	DM2464	DM2465	DM2466	DM2467	DM2460	DM2461	DM2460	DM2462	DM2461	DM2463
Note	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate	Field Rerate						
Column #	1	2	3	4	5	6	7	8	9	10	11	12

### 3406E - 1LW1 - UP (LOW HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	355	355	355 M/T	355 M/T	355 M/T	355 M/T
Rated RPM	1800	1800	2100	2100	1800	1800	1800	1800	1800	1800	2100	1800	2100	2100	2100
Peak Torque	1450	1550	1450	1550	1450	1650	1450	1550	1350	1350	1350	1450	1350	1450	1450
CORE ARR. G.	1443315	1443315	1443315	1443315	1443316	1443316	1622146	1622146	1442853	1442853	1442855	1442855	1442855	1442855	1442855
INJECTOR	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951	1408951
REMAN INJ.	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256	OR9256
PISTON (16.6)	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360	1333360
REMAN PACK	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915	OR8915
TURBO	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1367619	1666752	1666752	1666752	1666752	1666752	1367619	1367619
REMAN TURBO	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7142	OR7299	OR7299	OR7299	OR7299	OR7299	OR7142	OR7142
CAMSHAFT	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153	1439153
REMAN CAM	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814	OR8814
INTER-LOCK	109	109	109	109	110	110	159	159	99	99	101	101	101	101	101
Low Nox IC	409	409	409	409	410	410	459	459	399	399	401	401	401	401	401
B/S	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
FLASH FILE	1708202	1708202	1708202	1708202	1708203	1708203	1708204	1708204	1708189	1708198	1708199	1708199	1708199	1708199	1708199
F.F. Latest Ver.	1925315	1925315	1925315	1925315	1925317	1925317	1925316	1925316	0	1925311	1925312	1925312	1925312	1925312	1925312
Perf Spec	2T9450	2T9449	OK0933	OK0934	2T9452	2T9451	OK0956	OK0957	2T9426	2T9428	2T9430	2T9429	2T9429	2T9434	2T9433
TMI	DM2460	DM2468	?	?	DM2460	DM2469	DM2460	DM2468	DM2456	DM2457	DM2456	DM2458	DM2457	DM2457	DM2459
Note		Top 4		Top 4	Rockwell	Top 1		Top 2/w/sw							
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	550	550	550	550	550	550	500	500	500	500	500	500
Rated RPM	2100	2100	2100	2100	2300	2300	2100	1800/2100	1800/2100	2100	2100	2100
Peak Torque	1850	1850	1850	1850	1850	1850	1450	1650	1650	1750	1750	1750
CORE ARR.G.	1268149	1268149	1269257	1269257	N/A	N/A	1166339	N/A	N/A	1429947	1429947	1429948
INJECTOR	1189035	1189035	1189035	1189035	1189035	1189035	1184893	1184893	1184893	1184893	1184893	1184893
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
PISTON	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1298586	1361157	1298586	1361157	1298586	1361157	1298586			1298586	1361157	1298586
REMAN CAM	0R8194	0R8452	0R8194	0R8452	0R8452	0R8452	0R8194			0R8194	0R8452	0R8194
INTER-LOCK	41	41	42	42	134	135	54	164	?	94	94	95
Low Nox IC	341	341	342	342	434	435	354	N/A	474	394	394	395
B/S	N	N	Y	Y	N	Y	N	N	?	N	N	Y
FLASH FILE	1708132	1708132	1708133	1708133	1708194	1708195	1708150	1708193	??	1708187	1708187	1708188
F.F. Latest Ver.	1851223	1851223	1851224	1851224	1869926	1869927	1869920	2043503	2043504	1869922	1869922	1869923
Perf Spec	2T7446	2T7446	2T7447	2T7447	2T9820	2T9821	2T7706	0K1019	0K1019	2T9199	2T9199	2T9200
TMI	DM0495	DM0495	DM0495	DM0495			DM0520?	DM4937	DM4937	DM2450	DM2450	DM2450
Note					Field Uprate	Field Uprate	RV	Field Rerate	Field Rerate	Fleet	Fleet	Fleet
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	6TS00097-ALL	6TS04620-ALL	6TS00097-4619	6TS04620-ALL	6TS1-ALL	6TS1-ALL	6TS00097-4619	6TS-ALL	6TS-ALL	6TS00097-4619	6TS04620-ALL	6TS00097-4619

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	500	500	500	500	500	500	500	500	500	500	500
Rated RPM	2100	1800	1800	1800	1800	2100	2100	2100	2100	2300	2300
Peak Torque	1750	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
CORE ARR.G.	1429948	1302323	1302323	1302324	1302324	1302323	1302323	1302324	1302324	N/A	N/A
INJECTOR	1184893	1184893	1184893	1184893	1184893	1184893	1184893	1184893	1184893	1184893	1184893
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
PISTON	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1361157	1298586	1361157	1298586	1361157	1298586	1361157	1298586	1361157		
REMAN CAM	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452		
INTER-LOCK	95	61	61	62	62	61	61	62	62	132	133
Low Nox IC	395	361	361	362	362	361	361	362	362	432	433
B/S	Y	N	N	Y	Y	N	N	Y	Y	N	Y
FLASH FILE	1708188	1708157	1708157	1708158	1708158	1708157	1708157	1708158	1708158	1708196	1708197
F.F. Latest Ver.	1869923	1869924	1869924	1869925	1869925	1869924	1869924	1869925	1869925	1851225	1851226
Perf Spec	2T9200	2T7972	2T7972	2T7973	2T7973	2T7974	2T7974	2T7975	2T7975	2T9818	2T9817
TMI	DM2450	DM0508	DM0508	DM0508	DM0508	DM0507	DM0507	DM0507	DM0507	DM0507	DM0507
Note	Fleet									Field Rerate	Field Rerate
Column #	1	2	3	4	5	6	7	8	9	10	11
** S/N Range	6TS04620-ALL	6TS00097-4619	6TS04620-ALL	6TS00097-ALL	6TS04620-ALL	6TS00097-4619	6TS04620-ALL	6TS00097-4619	6TS04620-ALL	6TS1-ALL	6TS1-ALL

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 1800	475/500 MT 2100	475/500 MT 2100	475/500 MT 2100	475/500 MT 2100
Rated RPM	1650	1750	1650	1750	1650	1750	1650	1750	1650	1850	1650	1850
Peak Torque	1355164	1355164	1355164	1355164	1355169	1355169	1355169	1355169	1355164	1355164	1355164	1355164
CORE ARR.G.	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035
INJECTOR	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
REMAN INJ.	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
PISTON	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
REMAN PACK	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
REMAN TURBO	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586
CAMSHAFT	0R8194	0R8194	0R8452	0R8452	0R8194	0R8194	0R8452	0R8452	0R8194	0R8194	0R8452	0R8452
REMAN CAM	136	136	136	136	137	137	137	137	82	82	82	82
INTER-LOCK	436	436	436	436	437	437	437	437	382	382	382	382
Low Nox IC	N	N	N	N	Y	Y	Y	Y	N	N	N	N
B/S	1708191	1708191	1708191	1708191	1708192	1708192	1708192	1708192	1708172	1708172	1708172	1708172
FLASH FILE	1869916	1869916	1869916	1869916	1869917	1869917	1869917	1869917	1869918	1869918	1869918	1869918
F.F. Latest Ver.	2T9936	2T9938	2T9936	2T9938	2T9937	2T9937	2T9937	2T9937	2T8651	2T8653	2T8651	2T8653
Perf Spec	DM0516	DM2450	DM0516	DM2450	DM0516	DM2450	DM0516	DM2450	DM0516	DM0507	DM0516	DM0507
TMI	Note	Werner	Top 2	8/28/1997	Top 2	Werner	Top 2	8/28/1997	Top 2			
Note	Column #	1	2	3	4	5	6	7	8	9	10	11
Column #	** S/N Range	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP	6TS00097-4619	6TS00097-4619	6TS04620-UP
** S/N Range												

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475/500 MT 2100	475/500 MT 2100	475/500 MT 2100	475/500 MT 2100
Rated RPM	1650	1850	1650	1850
Peak Torque	1355169	1355169	1355169	1355169
CORE ARR.G.	1189035	1189035	1189035	1189035
INJECTOR	0R4893	0R4893	0R4893	0R4893
REMAN INJ.	1337538	1337538	1337538	1337538
PISTON	0R8334	0R8334	0R8334	0R8334
REMAN PACK	1323649	1323649	1323649	1323649
TURBO	0R7205	0R7205	0R7205	0R7205
REMAN TURBO	1298586	1298586	1298586	1298586
CAMSHAFT	0R8194	0R8194	0R8452	0R8452
REMAN CAM	83	83	83	83
INTER-LOCK	383	383	383	383
Low Nox IC	Y	Y	Y	Y
B/S	1708172	1708172	1708172	1708172
FLASH FILE	1869919	1869919	1869919	1869919
F.F. Latest Ver.	2T8654	2T8654	2T8654	2T8654
Perf Spec	DM0516	DM0507	DM0516	DM0507
TMI	Note			
Note	Column #	1	2	3
Column #	** S/N Range	6TS00097-4619	6TS00097-4619	6TS04620-UP
** S/N Range				

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475	475	475	475	475	475	475	475	475	475	475	475
Rated RPM	1800	1800	1800	1800	2100	2100	2100	2100	2100	1800	1800	1800
Peak Torque	1650	1650	1650	1650	1650	1650	1650	1650	1750	1750	1750	1750
CORE ARR.G.	1285403											
INJECTOR	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
PISTON	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586
REMAN CAM	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452
INTER-LOCK	50	50	51	51	50	50	51	51	50	50	51	51
Low Nox IC	350	350	351	351	350	350	351	351	350	350	351	351
B/S	N	N	Y	Y	N	N	Y	Y	N	N	Y	Y
FLASH FILE	1708148	1708148	1708149	1708149	1708148	1708148	1708149	1708149	1708148	1708148	1708149	1708149
F.F. Latest Ver.	1869914	1869914	1869915	1869915	1869914	1869914	1869915	1869915	1869914	1869914	1869915	1869915
Perf Spec	2T8002	2T8002	2T8003	2T8003	2T8004	2T8004	2T8005	2T8005	2T8006	2T8006	2T8007	2T8007
TMI	DM0517	DM0517	DM0517	DM0517	DM0516	DM0516	DM0516	DM0516	DM0515	DM0515	DM0515	DM0515
Note												
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	475	475	475	475
Rated RPM	2100	2100	2100	2100
Peak Torque	1750	1750	1750	1750
CORE ARR.G.				
INJECTOR	1189035	1189035	1189035	1189035
REMAN INJ.	0R4893	0R4893	0R4893	0R4893
PISTON	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1298586	1298586	1298586	1298586
REMAN CAM	0R8194	0R8452	0R8194	0R8452
INTER-LOCK	50	50	51	51
Low Nox IC	350	350	351	351
B/S	N	N	Y	Y
FLASH FILE	1708148	1708148	1708149	1708149
F.F. Latest Ver.	1869914	1869914	1869915	1869915
Perf Spec	2T8008	2T8008	2T8009	2T8009
TMI	DM0514	DM0514	DM0514	DM0514
Note				
Column #	1	2	3	4
** S/N Range	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	455 1800	455 1800	455 1800	455 1800	455 2100	455 2100	455 2100	455 2100	455 M/T 2100	455 M/T 2100	455 M/T 2100	455 M/T 2100
Rated RPM	1650	1650	1650	1650	1650	1650	1650	1650	1550	1750	1550	1750
Peak Torque	1302312	1302312	1302312	1302312	1302312	1302312	1302312	1302312	1349437	1399437	1349437	1349437
CORE ARR.G.	1302312	1302312	1302312	1302312	1302312	1302312	1302312	1302312	1349437	1399437	1349437	1349437
INJECTOR	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894
PISTON	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1298586	1361157	1298586	1361157	1298586	1361157	1298586	1361157	1298586	1298586	1361157	1361157
REMAN CAM	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8194	0R8452	0R8452
INTER-LOCK	57	57	58	58	57	58	58	58	79	79	79	79
Low Nox IC	357	357	358	358	357	357	358	358	379	379	379	379
B/S	N	N	Y	Y	N	N	Y	Y	N	N	N	N
FLASH FILE	1708154	1708154	1708155	1708155	1708154	1708154	1708155	1708155	1708168	1708168	1708168	1708168
F.F. Latest Ver.	1869910	1869910	1869911	1869911	1869910	1869910	1869911	1869911	1869912	1869912	1869912	1869912
Perf Spec	2T7935	2T7935	2T7936	2T7936	2T7850	2T7850	2T7851	2T7851	2T8607	2T8609	2T8609	2T8609
TMI	DM0506	DM0506	DM0506	DM0506	DM0505	DM0505	DM0505	DM0505	DM2428	DM2429	DM2428	DM2429
Note												
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	455 M/T 2100	455 M/T 2100	455 M/T 2100	455 M/T 2100
Rated RPM	1550	1750	1550	1750
Peak Torque	1349438	1349438	1349438	1349438
CORE ARR.G.	1349438	1349438	1349438	1349438
INJECTOR	1189030	1189030	1189030	1189030
REMAN INJ.	0R4894	0R4894	0R4894	0R4894
PISTON	1337538	1337538	1337538	1337538
REMAN PACK	0R8334	0R8334	0R8334	0R8334
TURBO	1323649	1323649	1323649	1323649
REMAN TURBO	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1298586	1298586	1361157	1361157
REMAN CAM	0R8194	0R8194	0R8452	0R8452
INTER-LOCK	80	80	80	80
Low Nox IC	380	380	380	380
B/S	Y	Y	Y	Y
FLASH FILE	1708169	1708169	1708169	1708169
F.F. Latest Ver.	1869913	1869913	1869913	1869913
Perf Spec	2T8608	2T8610	2T8610	2T8610
TMI	DM2428	DM2429	DM2428	DM2429
Note				
Column #	1	2	3	4
** S/N Range	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	435* 2100	435 2100	435 1800	435 1800	435 1800	435 1800	435 2100	435 2100	435 2100	435 2100	435 1800	435 1800
Rated RPM	1450	1450	1550	1550	1550	1550	1550	1550	1550	1550	1650	1650
Peak Torque	1323808	1323808	1302292	1302292	1302292	1302292	1302292	1302292	1302292	1302292	1302292	1302292
CORE ARR.G.	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
INJECTOR	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894
REMAN INJ.	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
PISTON	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
REMAN PACK	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
REMAN TURBO	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586	1298586
CAMSHAFT	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194	0R8194
REMAN CAM	77	77	59	59	60	60	59	59	60	60	59	59
INTER-LOCK	377	377	359	359	360	360	359	359	360	360	359	359
Low Nox IC	N	N	N	N	Y	Y	N	N	Y	Y	N	N
B/S	1708166	1708166	1708146	1708146	1708147	1708147	1708146	1708146	1708147	1708147	1708146	1708146
FLASH FILE	1869908	1869908	1869906	1869906	1869907	1869907	1869906	1869906	1869907	1869907	1869906	1869906
F.F. Latest Ver.	2T8419	2T8419	2T7921	2T7921	2T7922	2T7922	2T7925	2T7925	2T7926	2T7926	2T7923	2T7923
Perf Spec	DM0522	DM0522	DM0512	DM0512	DM0512	DM0512	DM0511	DM0511	DM0511	DM0511	DM0510	DM0510
TMI	Note	Allison Trans	Allison Trans									
Note	Column #	1	2	3	4	5	6	7	8	9	10	11
Column #	** S/N Range	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619
** S/N Range	NOTE*= For use with Allison Transmission											

### 3406E - 6TS1 - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	435 1800	435 1800	435 2100	435 2100	435 2100	435 1800	435 2100	435 1800	435 2100	435 2100	500 2100	500 2100
Rated RPM	1650	1650	1650	1650	1650	1450	1450	1450	1450	1450	1450	1450
Peak Torque	1302296	1302296	1302292	1302292	1302296	1302296	1278729	1278729	1278729	1278729	1278729	1278729
CORE ARR.G.	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
INJECTOR	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894
REMAN INJ.	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538
PISTON	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334
REMAN PACK	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
REMAN TURBO	1298586	1361157	1298586	1361157	1298586	1361157	1298586	1298586	1361157	1361157	1361157	1298586
CAMSHAFT	0R8194	0R8452	0R8194	0R8452	0R8194	0R8452	0R8194	0R8194	0R8452	0R8452	0R8452	0R8452
REMAN CAM	60	60	59	59	60	60	76	76	60	76	76	76
INTER-LOCK	360	360	359	359	360	360	376	376	376	376	376	376
Low Nox IC	Y	Y	N	N	Y	Y	N	N	Y	N	N	N
B/S	1708147	1708147	1708146	1708146	1708147	1708147	1708165	1708165	1708165	1708165	1708165	1708165
FLASH FILE	1869907	1869907	1869906	1869906	1869907	1869907	1869909	1869909	1869909	1869909	1869909	1869909
F.F. Latest Ver.	2T7924	2T7924	2T7927	2T7927	2T7928	2T7928	2T8418	2T8445	2T8418	2T8445	2T8446	2T8446
Perf Spec	DM0510	DM0510	DM0509	DM0509	DM0509	DM0509	DM0522	DM0522	DM0522	DM0522	DM0522	DM0522
TMI	Note						OWS	OWS	OWS	OWS	OWS	OWS
Note	Column #	1	2	3	4	5	6	7	8	9	10	11
Column #	** S/N Range	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS04620-UP	6TS00097-4619	6TS00097-4619	6TS04620-UP	6TS04620-UP	6TS00097-4619
** S/N Range												

### 3406E - 6TS1 - UP (Low HP) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	375	403*	375M/T	375M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	375/435 M/T	410	410	410	410
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Peak Torque	1450	1450	1450	1550	1450	1550	1450	1650	1450	1650	1450	1450	1550	1550
CORE ARR.G.	1302297	1267615	1302295	1302295	1297667	1297667	1352716	1352716	1352716	1352716	1302293	1307925	1302293	1307925
INJECTOR	1189027	1189027	1189027	1189027	1189030	1189030	1189030	1189030	1189030	1189030	1189027	1189027	1189027	1189027
REMAN INJ.	0R4895	0R4895	0R4895	0R4895	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4895	0R4895	0R4895	0R4895
PISTON	1352851	1352851	1352851	1352851	1337538	1337538	1337538	1337538	1337538	1337538	1352851	1352851	1352851	1352851
REMAN PACK	0R8333	0R8333	0R8333	0R8333	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8333	0R8333	0R8333	0R8333
TURBO	1323651	1323651	1323651	1323651	1323649	1323649	1323649	1323649	1323649	1323649	1323651	1323651	1323651	1323651
REMAN TURBO	0R7199	0R7199	0R7199	0R7199	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7199	0R7199	0R7199	0R7199
CAMSHAFT	1310510	1310510	1310510	1310510	1361157	1361157	1361157	1361157	1361157	1361157	1310510	1310510	1310510	1310510
REMAN CAM	0R8451	0R8451	0R8451	0R8451	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8451	0R8451	0R8451	0R8451
INTER-LOCK	20	55	21	21	67	67	81	128	128	128	68	68	68	69
Low Nox IC	320	355	321	321	367	367	381	428	428	428	368	369	368	369
B/S	N	N	N	N	N	N	N	N	N	N	N	N	N	N
FLASH FILE	1708110	1708151	1708111	1708111	1708156	1708156	1708170	1708170	1708190	1708190	1708159	1708160	1708159	1708160
F.F. Latest Ver.	1851185	1851186	1851187	1851187	1869901	1869901	1869903	1869903	1869902	1869902	1869904	1869904	1869905	1869905
Perf Spec	2T7101	2T7104	2T7103	2T7102	2T8042	2T8043	2T8630	2T8631	2T8764	2T8764	2T7104	2T7105	2T7106	2T7107
TM1	TM9636	DM0504	TM9636	TM9637	DM0513	DM0512	DM0513	DM0510	DM0513	DM0510	DM0480	DM0480	DM0481	DM0481
Note		Field Rerate												Top 4
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14
** S/N Range	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL

NOTE\*= High H2O Temp Fan on at 208.5 F

### 3406E - 6TS1 - UP (Low HP) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	310	310	310 M/T*	310 M/T*	330	355	355CF*	355M/T	355M/T	355M/T*	355M/T*
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Peak Torque	1150	1250	1150	1350	1350	1350	1350	1350	1450	1350	1450
CORE ARR.G.	1166341	1166343	1166344	1166344	1166342	1302319	1355364	1302320	1302320	1355365	1355365
INJECTOR	1188700	1188700	1188700	1188700	1188700	1189027	1189027	1189027	1189027	1189027	1189027
REMAN INJ.	0R4667	0R4667	0R4667	0R4667	0R4667	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895
PISTON	1352851	1352851	1352851	1352851	1352851	1352851	1352851	1352851	1352851	1352851	1352851
REMAN PACK	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333	0R8333
TURBO	1418936	1418936	1418936	1418936	1418936	1323651	1323651	1323651	1323651	1323651	1323651
REMAN TURBO	0R7200	0R7200	0R7200	0R7200	0R7200	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199
CAMSHAFT	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510
REMAN CAM	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451
INTER-LOCK	33	34	35	35	36	22	22	23	23	23	23
Low Nox IC	333	334	335	335	336	322	322	323	323	323	323
B/S	N	N	N	N	N	N	N	N	N	N	N
FLASH FILE	1708128	1708129	1708126	1708126	1708127	1708112	1708131	1708113	1708113	1708167	1708167
F.F. Latest Ver.	1851177	1851178	1851179	1851179	1851180	1851181	1851182	1851183	1851183	1851184	1851184
Perf Spec	2T6631	2T6633	2T6632	2T6634	2T6635	2T7483	2T7482	2T7484	2T7481	2T8447	2T8448
TM1	DM0484	DM0485	DM0484	DM0486	DM0487	DM0476	DM0476	DM0476	DM0477	DM0476	DM0477
Note									CONWAY	CONWAY	
Column #	1	2	3	4	5	6	7	8	9	10	11
** S/N Range	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL	6TS00097-ALL

NOTE\*= High H2O Temp Fan on at 208.5 F

### 3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	550	550	550	550	550	550							
Rated RPM	2100	2100	2100	2100	2300	2300							
Peak Torque	1850	1850	1850	1850	1850	1850							
CORE ARR.G.	1268149	1269257	1268149	1266257	N/A	N/A							
INJECTOR	1189035	1189035	1189035	1189035	1189035	1189035							
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893							
PISTON (16.6)	1177059	1177059	1337538	1337538	1177059	1177059							
REMAN PACK	0R8321	0R8321	0R8334	0R8334	0R8321	0R8321							
TURBO	1323649	1323649	1323649	1323649	1323649	1323649							
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205							
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157							
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452							
INTER-LOCK	41	42	41	42	134	135							
Lox Nox IC	341	342	341	342	434	435							
B/S	N	Y	N	Y	N	Y							
FLASH FILE	1708132	1708133	1708132	1708133	1708194	1708195							
F.F. Latest Ver.	1851223	1851224	1851223	1851224	1869926	1869927							
Perf Spec	2T7446	2T7447	2T7446	2T7447	2T9820	2T9821							
TMI	DM0495	DM0495	DM0495	DM0495	?	?							
Note					Field Rerate	Field Rerate							
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
** S/N Range	5EK51000-80000	5EK51000-80000	5EK80001-99381	5EK80001-99381	5EK67193-UP	5EK67193-UP							

### 3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	500	500	500	500	500	500	500	500	500	500	500	500	500
Rated RPM	1800	1800	2100	2100	1800	1800	1800	1800	1800	1800	1800	2100	2100
Peak Torque	1850	1850	1450	1450	1750	1750	1750	1750	1750	1850	1850	1850	1850
CORE ARR.G.	1108328	1108329	1166339	1166339	1429947	1429947	1429948	1429948	1429948	1302323	1302324	1302323	1302324
INJECTOR	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
PISTON (16.6)	1177059	1177059	1177059	1337538	1177059	1337538	1177059	1177059	1177059	1177059	1177059	1177059	1177059
REMAN PACK	0R8321	0R8321	0R8321	0R8334	0R8321	0R8334	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321
TURBO	1418940	1418940	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7204	0R7204	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452
INTER-LOCK	9	32	54	54	94	94	95	95	61	62	61	62	62
Low Nox IC	309	332	354	354	394	394	395	395	361	362	361	362	362
B/S	N	Y	N	N	N	N	Y	Y	N	Y	N	Y	N
FLASH FILE	1708124	1708125	1708150	1708150	1708187	1708187	1708188	1708188	1708157	1708158	1708157	1708158	1708158
F.F. Latest Ver.	1851219	1851220	1869920	1869920	1869922	1869922	1869923	1869923	1869924	1869925	1869924	1869925	1869925
Perf Spec	2T6703	2T6704	2T7706	2T7706	2T9199	2T9199	2T9200	2T9200	2T7972	2T7973	2T7974	2T7975	2T7975
TMI	DM0483	DM0483	DM0520	DM0520	DM2450	DM2450	DM2450	DM2450	DM0508	DM0508	DM0507	DM0507	DM0507
Note													
Column #	1	2	3	4	5	6	7	8	9	10	11	12	
** S/N Range	5EK1 - 67192	5EK1 - 67192	5EK67193 - 80000	5EK80001 - 99381	5EK67193 - 80000	5EK80001 - 99381	5EK67193 - 80000	5EK80001 - 99381	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000



**3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISON CHART**

Rated HP	475 1800	475 1800	475 1800	475 1800	475 1800	475 1800	475 2100	475 2100	475 1800	475 1800	475 2100	475 2100
Rated RPM												
Peak Torque	1650	1650	1750	1750	1650	1650	1650	1650	1750	1750	1750	1750
CORE ARR.G.	1208991	1208992	1208993	1208994	1285403	1285406	1285403	1285406	1285403	1285406	1285403	1285406
INJECTOR	1189030	1189030	1189030	1189030	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893
PISTON	1072198	1072198	1072198	1072198	1177059	1177059	1177059	1177059	1177059	1177059	1177059	1177059
REMAN PACK	0R4487	0R4487	0R4487	0R4487	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321
TURBO	1418937	1418937	1418937	1418937	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035
REMAN TURBO	0R7201	0R7201	0R7201	0R7201	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452
INTER-LOCK	8	24	25	26	50	51	50	51	50	51	50	51
Low Nox IC	308	324	325	326	350	351	350	351	350	351	350	351
B/S	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y
FLASH FILE	1708114	1708115	1708116	1708117	1708148	1708149	1708148	1708149	1708148	1708149	1708148	1708149
F.F. Latest Ver.	1851213	1851214	1851215	1851216	1869914	1869915	1869914	1869915	1869914	1869915	1869914	1869915
Perf Spec	2T7112	2T7113	2T7114	2T7115	2T8002	2T8003	2T8004	2T8005	2T8006	2T8007	2T8008	2T8009
TMI	DM0478	DM0478	DM0479	DM0479	DM0517	DM0517	DM0516	DM0516	DM0515	DM0515	DM0514	DM0514
Note												
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1 - 67192	5EK1 - 67192	5EK1 - 67192	5EK1 - 67192	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000	5EK67193 - 80000

**3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISON CHART**

Rated HP	475 2100	475 2100	475 2100	475 2100	475 1800	475 1800	475 2100	475 2100	475 2100	475 2100
Rated RPM										
Peak Torque	1650	1650	1650	1650	1750	1750	1750	1750	HRP	HRP
CORE ARR.G.	1285403	1285406	1285403	1285406	1285403	1285406	1285403	1285406	N/A	N/A
INJECTOR	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189030	1189030
REMAN INJ.	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4893	0R4894	0R4894
PISTON (16.3)	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1337538	1072198	1072198
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R8334	0R4487	0R4487
TURBO	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1189035	1418937	1418937
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7201	0R7201
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452
INTER-LOCK	50	51	50	51	50	51	50	51	25	26
Low Nox IC	350	351	350	351	350	351	350	351	325	326
B/S	N	Y	N	Y	N	Y	N	Y	N	Y
FLASH FILE	1708148	1708149	1708148	1708149	1708148	1708149	1708148	1708149	1708144	1708145
F.F. Latest Ver.	1869914	1869915	1869914	1869915	1869914	1869915	1869914	1869915	1851217	1851218
Perf Spec	2T8002	2T8003	2T8004	2T8005	2T8006	2T8007	2T8008	2T8009	2T7713	2T7714
TMI	DM0517	DM0517	DM0516	DM0516	DM0515	DM0515	DM0514	DM0514	DM0502	DM0502
Note									Field Rerate	Field Rerate
Column #	1	2	3	4	5	6	7	8	9	10
** S/N Range	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK80001 - 99381	5EK1 - 67192	5EK1 - 67192

### 3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	455	455	455	455	455	455	455	455	455	455	455	455
Rated RPM	1800	1800	1800	1800	1800	1800	2100	2100	1800	1800	2100	2100
Peak Torque	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
CORE ARR.	1208989	1208990	1275529	1275530	1302312	1302313	1302312	1302313	1302312	1302313	1302312	1302313
INJECTOR	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894
PISTON (16.3)	1072198	1072198	1177059	1177059	1177059	1177059	1177059	1177059	1337538	1337538	1337538	1337538
REMAN PACK	0R4487	0R4487	0R8321	0R8321	0R8321	0R8321	0R8321	0R8321	0R8334	0R8334	0R8334	0R8334
TURBO	1418940	1418940	1418940	1418940	1323649	1323649	1418940	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	0R7204	0R7204	0R7204	0R7204	0R7205	0R7205	0R7204	0R7205	0R7205	0R7205	0R7205	0R7205
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452
INTER-LOCK	27	28	47	48	57	58	57	58	57	58	57	58
Low Nox IC	327	328	347	348	357	358	357	358	357	358	357	358
B/S	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y
FLASH FILE	1708118	1708119	1708140	1708141	1708154	1708155	1708154	1708155	1708154	1708155	1708154	1708155
F.F. Latest Ver.	1851205	1851206	1851209	1851210	1869910	1869911	1869910	1869911	1869910	1869911	1869910	1869911
Perf Spec	2T7110	2T7111	2T7493	2T7494	2T7935	2T7936	2T7850	2T7936	2T7936	2T7851	2T7850	2T7851
TMI	DM0482	DM0482	DM0500	DM0500	DM0506	DM0506	DM0505	DM0505	DM0506	DM0506	DM0505	DM0505
Note												
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1-53003	5EK1-53003	5EK53004-67192	5EK53004-67192	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK80001-99381

### 3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISION CHART

Rated HP	455 M/T	455 M/T	455 M/T	455 M/T	455 M/T	455 M/T	455 M/T	455 M/T	455	455	455	455
Rated RPM	2100	2100	2100	2100	2100	2100	2100	2100	N/A	N/A	N/A	N/A
Peak Torque	1550	1750	1550	1750	1550	1750	1550	1750	HRP	HRP	HRP	HRP
CORE ARR.	1349437	1349437	1349437	1349437	1349438	1349438	1349438	1349438	N/A	N/A	N/A	N/A
INJECTOR	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894
PISTON	1177059	1177059	1337538	1337538	1177059	1177059	1337538	1337538	1072198	1072198	1177059	1177059
REMAN PACK	0R8321	0R8321	0R8334	0R8334	0R8321	0R8321	0R8334	0R8334	0R4487	0R4487	0R8321	0R8321
TURBO	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1418940	1418940	1418940	1418940
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205	0R7204	0R7204	0R7204	0R7204
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452
INTER-LOCK	79	79	79	79	80	80	80	80	27	28	47	48
Low Nox IC	379	379	379	379	380	380	380	380	327	328	347	348
B/S	N	N	N	N	Y	Y	Y	Y	N	Y	N	Y
FLASH FILE	1708168	1708168	1708168	1708168	1708169	1708169	1708169	1708169	1708161	1708162	1708163	1708164
F.F. Latest Ver.	1869912	1869912	1869912	1869912	1869913	1869913	1869913	1869913	1851207	1851208	1851211	1851212
Perf Spec	2T8607	2T8609	2T8607	2T8609	2T8610	2T8610	2T8608	2T8610	2T8116	2T8117	2T8276	?
TMI	DM2428	DM2429	DM2428	DM2429	DM2428	DM2429	DM2428	DM2429	DM0521	DM0521	DM0523	?
Note									HRP	HRP	HRP	HRP
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK67193-80000	5EK67193-80000	5EK80000-67193	5EK80000-67193	5EK67193-80000	5EK67193-80000	5EK80000-67193	5EK80000-67193	5EK1-53003	5EK1-53003	5EK53004-67192	5EK53004-67192

3406E - 5EK1 - UP UPRATE - ABILITY AND COMPARISON CHART													
Rated HP	435	435	435	435	435	435	435	435	435	435	435	435	435
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	2100	2100	1800	1800
Peak Torque	1450	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1450
CORE ARR.G.	N/A	N/A	1208984	1208984	1275525	1275527	1302292	1302296	1302292	1302296	1302292	1302292	1302292
INJECTOR	1189035	1189035	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	OR4893	OR4893	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894
PISTON	4P5403	4P5403	1072198	1072198	1177059	1177059	1177059	1177059	1177059	1177059	1177059	1177059	1177059
REMAN PACK	OR4176	OR4176	OR4487	OR4487	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321
TURBO	1418939	1418939	1418938	1418938	1418940	1418940	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	OR7203	OR7203	OR7202	OR7202	OR7204	OR7204	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452
INTER-LOCK	11	12	17	18	43	44	59	60	59	60	59	60	77
Low Nox IC	N/A	N/A	317	318	343	344	359	360	359	360	359	360	377
B/S	N	N	N	Y	N	Y	N	Y	N	Y	N	Y	N
FLASH FILE	1708102	1708103	1708106	1708107	1708136	1708137	1708146	1708147	1708146	1708147	1708146	1708147	1708166
F.F. Latest Ver.	**	**	1851192	1851193	1851198	1851199	1869906	1869907	1869906	1869907	1869906	1869907	1869908
Perf Spec	2T5708	2T5700	2T6933	2T6934	2T7489	2T7490	2T7923	2T7927	2T7923	2T7927	2T7923	2T7924	2T8419
TMI	N/A	N/A	TM9635	TM9635	DM0498	DM0498	DM0512	DM0512	DM0512	DM0511	DM0512	DM0524	DM0522
Note													Allison Trans Use
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13
** S/N Range	5EK1-1184	5EK1-1184	5EK1185-53003	5EK1185-53003	5EK53004-67192	5EK53004-67192	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK80001-99381

  

3406E - 5EK1** - UP UPRATE - ABILITY AND COMPARISON CHART													
Rated HP	435	435	435	435	435	435	435	435	435	435	435	435	435
Rated RPM	2100	2100	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	2100
Peak Torque	1550	1550	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	2100
CORE ARR.G.	1302292	1302296	N/A	N/A	N/A	N/A	1208986	1208981	1275526	1275528	1302292	1302296	1302292
INJECTOR	1189030	1189030	1189035	1189035	1189035	1189035	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	OR4894	OR4894	OR4893	OR4893	OR4893	OR4893	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894
PISTON	1337538	1337538	4P5403	4P5403	1072198	1072198	1072198	1072198	1177059	1177059	1177059	1177059	1177059
REMAN PACK	OR8334	OR8334	OR4176	OR4176	OR4487	OR4487	OR4487	OR4487	OR8321	OR8321	OR8321	OR8321	OR8321
TURBO	1323649	1323649	1418939	1418939	1418939	1418938	1418938	1418940	1418940	1418940	1323649	1323649	1323649
REMAN TURBO	OR7205	OR7205	OR7203	OR7203	OR7202	OR7202	OR7204	OR7204	OR7205	OR7205	OR7205	OR7205	OR7205
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452
INTER-LOCK	59	60	3	5	13	14	15	16	45	46	59	60	360
Low Nox IC	359	360	N/A	N/A	N/A	N/A	316	316	345	346	359	360	359
B/S	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FLASH FILE	1708146	1708147	1708100	1708101	1708104	1708105	1708108	1708109	1708138	1708139	1708146	1708147	1708146
F.F. Latest Ver.	1869906	1869907	-	-	-	-	1851194	1851195	1851202	1851203	1869906	1869907	1869907
Perf Spec	2T7927	2T7928	2T5306	2T5307	2T5699	2T5699	2T6935	2T6936	2T7491	2T7492	2T7923	2T7924	2T7927
TMI	DM0511	DM0511	TM9600	TM9600	TM9600	TM9600	TM9634	TM9634	DM0499	DM0499	DM0510	DM0510	DM0509
Note													
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13
** S/N Range	5EK80001-99381	5EK80001-99381	5EK1-548	5EK1-548	5EK549-1184	5EK549-1184	5EK1185-53003	5EK1185-53003	5EK53004-67192	5EK53004-67192	5EK67193-80000	5EK67193-80000	5EK67193-80000

### 3406E - 5EK1\*\* - UP UPRATE - ABILITY AND COMPARISON CHART

Rated HP	435	435	435	435	435	435	435	435				
Rated RPM	1800	1800	2100	2100	N/A	N/A	N/A	N/A				
Peak Torque	1650	1650	1650	1650	HRP	HRP	HRP	HRP				
CORE ARR.G.	1302292	1302296	1302292	1302296	1252496	1252549	?	?				
INJECTOR	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030				
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894				
PISTON	1337538	1337538	1337538	1337538	1072198	1072198	1177059	1177059				
REMAN PACK	0R8334	0R8334	0R8334	0R8334	0R4487	0R4487	0R8321	0R8321				
TURBO	1323649	1323649	1323649	1323649	1418938	1418938	1418940	1418940				
REMAN TURBO	0R7205	0R7205	0R7205	0R7205	0R7202	0R7202	0R7204	0R7204				
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157				
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452				
INTER-LOCK	59	60	59	60	15	16	45	46				
Low Nox IC	359	360	359	360	315	316	345	346				
B/S	N	Y	N	Y	N	Y	N	Y				
FLASH FILE	1708146	1708147	1708146	1708147	1708134	1708135	1708152	1708153				
F.F. Latest Ver.	1869906	1869907	1869906	1869907	1851196	1851197	1851202	1851203				
Perf Spec	2T7923	2T7924	2T7923	2T7928	2T7923	2T7924	2T7927	2T7928				
TMI	DM0510	DM0510	DM0509	DM0509	DM0494	DM0494	DM0503	DM0503				
Note					HRP	HRP	HRP	HRP				
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK1185-53003	5EK1185-53003	5EK53004-67192	5EK53004-67192				

### 3406E - 5EK1\*\* - UP (OIL FIELD ONLY) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	435OW	435OW	500OW	435OW	435OW	500OW	435OW	435OW	500OW			
Rated RPM	1800	2100	2100	1800	2100	2100	1800	2100	2100			
Peak Torque	1450	1450	1450	1450	1450	1450	1450	1450	1450			
CORE ARR.G.	1252495	1252495	1252495	1278729	1278729	1278729	1278729	1278729	1278729			
INJECTOR	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030			
REMAN INJ.	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894	0R4894			
PISTON	1072198	1072198	1072198	1177059	1177059	1177059	1337538	1337538	1337538			
REMAN PACK	0R4487	0R4487	0R4487	0R8321	0R8321	0R8321	0R8334	0R8334	0R8334			
TURBO	1418938	1418938	1418938	1323649	1323649	1323649	1323649	1323649	1323649			
REMAN TURBO	0R7202	0R7202	0R7202	0R7205	0R7205	0R7205	0R7205	0R7205	0R7205			
CAMSHAFT	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157			
REMAN CAM	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452	0R8452			
INTER-LOCK	38	38	38	76	76	76	76	76	76			
Low Nox IC	338	338	338	376	376	376	376	376	376			
B/S	N	N	N	N	N	N	N	N	N			
FLASH FILE	1708130	1708130	1708130	1708165	1708165	1708165	1708165	1708165	1708165			
F.F. Latest Ver.	1851204	1851204	1851204	1869909	1869909	1869909	1869909	1869909	1869909			
Perf Spec	2T7253	2T7254	2T7255	2T8418	2T8445	2T8446	2T8418	2T8445	2T8446			
TMI	DM0492	DM0492	DM0492	DM0522	DM0522	DM0522	DM0522	DM0522	DM0522			
Note	Oil Field	Oil Field	Oil Field	Oil Field	Oil Field	Oil Field	Oil Field	Oil Field	Oil Field			
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1185-67192	5EK1185-67192	5EK1185-67192	5EK67193-8000	5EK67193-8000	5EK67193-8000	5EK80001-99381	5EK80001-99381	5EK80001-99381			

### 3406E - 5EK1 - UP (Low Power) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	410	410	410	410	410	410	410	410	410			
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800			
Peak Torque	1450	1450	1450	1450	1550	1550	1550	1550	1550			
CORE ARR.G.	1208980	1208980	1208981	1208981	1208982	1208982	1208983	1208982				
INJECTOR	1189027		1189027		1189027		1189027					
REMAN INJ.	0R4895		0R4895		0R4895		0R4895					
PISTON	4P5403		4P5403		4P5403		4P5403					
REMAN PACK	0R4176		0R4176		0R4176		0R4176					
TURBO	1418938		1418938		1418938		1418938					
REMAN TURBO	0R7202		0R7202		0R7202		0R7202					
CAMSHAFT	1310510		1310510		1310510		1310510					
REMAN CAM	0R8451		0R8451		0R8451		0R8451					
INTER-LOCK	19	19	29	29	30	30	31	31				
Low Nox IC	319	319	329	329	330	330	331	331				
B/S	N	N	Y	Y	N	N	Y	Y				
FLASH FILE	1708120	1708176	1708121	1708179	1708122	1708180	1708123	1708181				
F.F. Latest Ver.	1851188	1851188	1851189	1851189	1851190	1851190	1851191	1851191				
Perf Spec	2T7104	2T8853	2T7105	2T8854	2T7106	2T8855	2T7107	2T8855				
TMI	DM0480	N/A	DM0480	N/A	DM0480	N/A	DM0480	N/A				
Note		PS8748		PS8748		PS8748		PS8748				
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1-67192	5EK1-67192	5EK1-67192	5EK1-67192	5EK1-67192	5EK1-67192	5EK1-67192	5EK1-67192				

### 3406E - 5EK1 - UP (Low Power) UPRATE - ABILITY AND COMPARISION CHART

Rated HP	410	410	410	410	410	410	410	410	410	410		
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800		
Peak Torque	1450	1450	1550	1550	1450/1550	1450/1550	1450	1450	1550	1550		
CORE ARR.G.	1302293	1307925	1302293	1307925	1302293	1307925	1302293	1307925	1302293	1307925		
INJECTOR	1189027	1189027	1189027	1189027	1189027	1189027	1189027	1189027	1189027	1189027		
REMAN INJ.	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895		
PISTON	4P5403	4P5403	4P5403	4P5403	4P5403	4P5403	1352851	1352851	1352851	1352851		
REMAN PACK	0R4176	0R4176	0R4176	0R4176	0R4176	0R4176	0R8333	0R8333	0R8333	0R8333		
TURBO	1323651	1323651	1323651	1323651	1323651	1323651	1323651	1323651	1323651	1323651		
REMAN TURBO	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199	0R7199		
CAMSHAFT	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510		
REMAN CAM	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451		
INTER-LOCK	68	69	68	69	68	69	68	69	68	69		
Low Nox IC	368	369	368	369	368	369	368	369	368	369		
B/S	N	Y	N	Y	N	Y	N	Y	N	Y		
FLASH FILE	1708159	1708160	1708159	1708160	1708183	1708184	1708159	1708160	1708159	1708160		
F.F. Latest Ver.	1869904	1869905	1869904	1869905	1869904	1869905	1869904	1869905	1869904	1869905		
Perf Spec	2T7104	2T7105	2T7106	2T7107	2T8864	2T8864	2T7104	2T7105	2T7106	2T7107		
TMI	DM0480	DM0480	DM0481	DM0481	N/A	N/A	DM0480	DM0480	DM0481	DM0481		
Note					PS8748	PS8748						
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK80001-99381		

### 3406E - 5EK1 - UP (Low HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	375	375	375	375	375	375 M/T	375 M/T	375 M/T	375 M/T	375 M/T	375 M/T	375 M/T	375 M/T	375 M/T
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Peak Torque	1450	1450	1450	1450	1450	1450	1550	1450	1550	1450	1550	1450	1550	1450
CORE ARR.	1208978	1208978	1302297	1302297	1208978	1098786	1098786	1090544	1090544	1208979	1208979	1302295	1302295	1302295
INJECTOR	1189030	1189027	1189027	1189027	1189030	1189030	1189030			1189027	1189027	1189027	1189027	1189027
REMAN INJ.	OR4894	OR4895	OR4895	OR4895	OR4894	OR4894	OR4894			OR4895	OR4895	OR4895	OR4895	OR4895
PISTON	4P5403	4P5403	4P5403	1323651	4P5403	4P5403	4P5403			4P5403	4P5403	4P5403	4P5403	4P5403
REMAN PACK	OR4176	OR4176	OR4176	OR8333	OR4176	OR4176	OR4176			OR4176	OR4176	OR4176	OR4176	OR4176
TURBO	1418936	1418936	1323651	1323651	1418936	1418936	1418936			1418936	1418936	1323651	1323651	1323651
REMAN TURBO	OR7200	OR7200	OR7199	OR7199	OR7200	OR7200	OR7200			OR7200	OR7200	OR7199	OR7199	OR7199
CAMSHAFT	1361157	1310510	1310510	1310510	1361157	1361157	1361157			1310510	1310510	1310510	1310510	1310510
REMAN CAM	OR8452	OR8451	OR8451	OR8451	OR8452	OR8452	OR8452			OR8451	OR8451	OR8451	OR8451	OR8451
INTER-LOCK	4	20	20	20	20	10	10			21	21	21	21	21
Low Nox IC	N/A	320	320	320	320	N/A	N/A			321	321	321	321	321
B/S	N	N	N	N	N	N	N			N	N	N	N	N
FLASH FILE	1708098	1708110	1708110	1708110	1708177	1708099	1708099			1708111	1708111	1708111	1708111	1708111
F.F. Latest Ver.	**	1851185	1851185	1851185	1851185	**	**			1851187	1851187	1851187	1851187	1851187
Perf Spec	2T5308	2T7101	2T7101	2T7101	2T8828	2T5707	2T5706			2T8977	2T8976	2T7103	2T7102	2T7103
IMI	TM9636	TM9636	TM9636	TM9636	N/A	TM9636	TM9637			N/A	TM9636	TM9637	TM9636	TM9637
Note						PS8748				PS8748				
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	
** S/N Range	5EK1-1820	5EK1821-67192	5EK67193-80000	5EK80001-99381	5EK1821-80000	5EK1-1820	5EK1-1820	5EK1-1820	5EK1-1820	5EK1821-67192	5EK1821-67192	5EK67193-80000	5EK67193-80000	

### 3406E - 5EK1 - UP (Low HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	375 M/T	375 M/T	375 M/T	375 M/T	375/435	375/435	375/435	375/435	375/435	375/435	375/435	375/435	375/435	375/435	400HP
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1600
Peak Torque	1450	1550	1450	1550	1450	1550	1450	1550	1450	1650	1450	1650	1450	1650	1450
CORE ARR.	1302295	1302295	1208979	1208979	1297667	1297667	1297667	1297667	1352716	?	?	?	?	?	1267615
INJECTOR	1189027	1189027			1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030	1189030
REMAN INJ.	OR4895	OR4895			OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894	OR4894
PISTON	1323651	1323651			1177059	1177059	1337538	1337538	1337538	1177059	1177059	1337538	1337538	1337538	1337538
REMAN PACK	OR8333	OR8333			OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321	OR8321
TURBO	1323651	1323651			1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649	1323649
REMAN TURBO	OR7199	OR7205			OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205	OR7205
CAMSHAFT	1310510	1310510			1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157	1361157
REMAN CAM	OR8451	OR8451			OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452	OR8452
INTER-LOCK	21	21	21	21	67	67	67	67	81	81	128	128	128	128	55
Low Nox IC	321	321	321	321	367	367	367	367	381	381	428	428	428	428	355
B/S	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
FLASH FILE	1708111	1708111	1708178	1708178	1708156	1708156	1708156	1708170	1708170	1708190	1708190	1708190	1708190	1708190	1708151
F.F. Latest Ver.	1851187	1851187	1869901	1869901	1851187	1869901	1869901	1869903	1869903	1869902	1869902	1869902	1869902	1869902	1851186
Perf Spec	2T7103	2T7102	2T8829	2T8827	2T8042	2T8042	2T8042	2T8043	2T8630	2T8631	2T9764	2T9763	2T9764	2T9763	2T7704
IMI	TM9636	TM9637	N/A	N/A	DM0513	DM0512	DM0513	DM0512	DM0513	DM0510?	?	?	?	?	DM0504
Note			PS8748	PS8748	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T	M/T
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
** S/N Range	5EK0001-99381	5EK80001-99381	5EK1821-80000	5EK1821-80000	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK80001-99381	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK1821-67192

### 3406E - 5EK1 - UP (Low HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	355	355	355	355	355	355CF*	355CF*	355CF*	355CF*	355 M/T	355 M/T	355 M/T	355 M/T
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Peak Torque	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1450	1350	1450
CORE ARR.	1224647	1267613	1302319	1302319	1267613	1267614	1302322	1302322	1267614	1208977	1208977	1090552	1090552
INJECTOR	1189030	1189027	1189027	1189027		1189027	1189027	1189027		1189030	1189030		
REMAN INJ.	0R4894	0R4895	0R4895	0R4895		0R4895	0R4895	0R4895		0R4894	0R4894		
PISTON	4P5403	4P5403	4P5403	1352851		4P5403	4P5403	1352851		4P5403	4P5403		
REMAN PACK	0R4176	0R4176	0R4176	0R8333		0R4176	0R4176	0R8333		0R4176	0R4176		
TURBO	1418936	1418936	1323651	1323651		1418936	1323651	1323651		1418936	1418936		
REMAN TURBO	0R7200	0R7200	0R7199	0R7199		0R7200	0R7199	0R7199		0R7200	0R7200		
CAMSHAFT	1361157	1310510	1310510	1310510		1310510	1310510	1310510		1361157	1310510		
REMAN CAM	0R8452	0R8451	0R8451	0R8451		0R8451	0R8451	0R8451		0R8452	0R8451		
INTER-LOCK	6	22	22	22		22	22	22		22	7	7	7
Low Nox IC	N/A	322	322	322		322	322	322		N/A	N/A	N/A	N/A
B/S	N	N	N	N		N	N	N		N	N	N	N
FLASH FILE	1708096	1708112	1708112	1708112		1708112	1708131	1708131		1708175	1708175	1708185	1708185
F.F. Latest Ver.	**	1851181	**	1851181	**	1851182	1851182	1851182		N/A	**	**	**
Perf Spec	2T6831	2T7483	2T7483	2T7483		2T8823	2T7482	2T7482		2T8822	2T6932	2T6930	2T8881
TMI	DM0476	DM0476	DM0476	DM0476		N/A	DM0476	DM0476		N/A	DM0476	DM0477	DM0476
Note						PS8748 Field				PS8748 Field			PS8748 Field
Column #	1	2	3	4	5	6	7	8	9	10	11	12	13
** S/N Range	5EK1-1820	5EK1821-67192	5EK67193-80000	5EK80001-99381	5EK1821-80000	5EK1-67192	5EK67193-80000	5EK80000-99381	5EK1821-80000	5EK1-1820	5EK1-1820	5EK1-1820	5EK1-1820

NOTE\*= High H2O Temp Fan on at 208.5 F

### 3406E - 5EK1 - UP (Low HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	355 M/T	355 M/T	355 M/T	355 M/T	355 M/T	355 M/T	355 M/T	355 M/T	355 M/T *	355 M/T *	355 M/T *	355 M/T *
Rated RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Peak Torque	1350	1450	1350	1450	1350	1450	1350	1450	1350	1450	1350	1450
CORE ARR.	1302320	1302320	1302320	1302320	1302320	1302320	1267615	1267615	1342936	1342936	1355365	1355365
INJECTOR	1189027	1189027	1189027	1189027	1189027	1189027			1189027	1189027		
REMAN INJ.	0R4895	0R4895	0R4895	0R4895	0R4895	0R4895			0R4895	0R4895		
PISTON	4P5403	4P5403	4P5403	1352851		4P5403	1352851	1352851		1352851		
REMAN PACK	0R4176	0R4176	0R4176	0R4176	0R8333	0R8333			0R8333	0R8333		
TURBO	1418936	1418936	1323651	1323651		1323651	1323651	1323651		1323651		
REMAN TURBO	0R7200	0R7200	0R7199	0R7199	0R7199	0R7199			0R7199	0R7199		
CAMSHAFT	1310510	1310510	1310510	1310510		1310510	1310510	1310510		1310510		
REMAN CAM	0R8451	0R8451	0R8451	0R8451		0R8451	0R8451	0R8451		0R8451		
INTER-LOCK	23	23	23	23		23	23	23		23	23	23
Low Nox IC	323	323	323	323		323	N/A	N/A		323	N/A	N/A
B/S	N	N	N	N		N	N	N		N	N	N
FLASH FILE	1708113	1708113	1708113	1708113	1708113	1708113	1708173	1708173	1708167	1708167	1708182	1708182
Low Nox IC	1851183	1851183	1851183	1851183	1851183	1851183	**	**	1851184	1851184	**	**
Perf Spec	2T7484	2T7481	2T7481	2T7481	2T7481	2T7481	2T8821	2T8821	2T8447	2T8447	2T8826	2T8826
TMI	DM0476	DM0477	DM0476	DM0477	DM0476	DM0477	N/A	N/A	DM0476	DM0477	N/A	N/A
Note							PS8748	PS8748			PS8748	PS8748
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1821-67192	5EK1821-67192	5EK67193-80000	5EK67193-80000	5EK80001-99381	5EK80001-99381	5EK1821-80000	5EK1821-80000	5EK80001-99381	5EK80001-99381	5EK1821-80000	5EK1821-80000

NOTE\*= High H2O Temp Fan on at 208.5 F

## 3406E - 5EK1 - UP (Low HP) UPRATE - ABILITY AND COMPARISON CHART

Rated HP	310 1800	310 1800	310 1800	310 1800	310 1800	310 1800	310 M/T* 1800	310 M/T* 1800	330 1800	330 1800		
Rated RPM												
Peak Torque	1150	1150	1250	1250	1150	1650	1150	1350	1350	1350		
CORE ARR.G.	1166341	1166341	1166343	1166343	1166344	1166344	1166344	1166344	1166342	1166342		
INJECTOR	1188700	1188700	1188700	1188700	1188700	1188700	1188700	1188700	1188700	1188700		
REMAN INJ.	0R4667	0R4667	0R4667	0R4667	0R4667	0R4667	0R4667	0R4667	0R4667	0R4667		
PISTON	4P5403	1352851	4P5403	1352851	4P5403	4P5403	1352851	1352851	4P5403	1352851		
REMAN PACK	0R4176	0R8333	0R4176	0R8333	0R4176	0R4176	0R8333	0R8333	0R4176	0R8333		
TURBO	1418936	1418936	1418936	1418936	1418936	1418936	1418936	1418936	1418936	1418936		
REMAN TURBO	0R7200	0R7200	0R7200	0R7200	0R7200	0R7200	0R7200	0R7200	0R7200	0R7200		
CAMSHAFT	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510	1310510		
REMAN CAM	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451	0R8451		
INTER-LOCK	33	33	34	34	35	35	35	35	36	36		
Low Nox IC	333	333	334	334	335	335	335	335	336	336		
B/S	N	N	N	N	N	N	N	N	N	N		
FLASH FILE	1708128	1708128	1708129	1708129	1708126	1708126	1708126	1708126	1708127	1708127		
F.F. Latest Ver.	1851177	1851177	1851178	1851178	1851179	1851179	1851179	1851179	1851180	1851180		
Perf Spec	2T6631	2T6631	2T6633	2T6633	2T6632	2T6634	2T6632	2T6634	2T6635	2T6635		
TMI	DM0484	DM0484	DM0485	DM0485	DM0484	DM0486	DM0484	DM0486	DM0487	DM0487		
Note												
Column #	1	2	3	4	5	6	7	8	9	10	11	12
** S/N Range	5EK1821-80000	5EK80001-99381	5EK1821-80000	5EK80001-99381	5EK1821-80000	5EK1821-80000	5EK80001-99381	5EK80001-99381	5EK1821-80000	5EK80001-99381		

NOTE\*= High H2O Temp Fan on at 208.5 F