

Overhaul of the HKS 700E:

Engines from S/N 100600 and above can increase the TBO from 500 hrs to 800 hrs, or from 5 years to 8 years period of operation. (Per: HKS Service Letter SL-700-001, April 2004)

Ordering the Overhaul Kit:

When ordering an Overhaul Kit, please indicate the engine S/N, the current engine configuration, and a list of any major repairs or modifications made to the engine.

The following table represents the HKS parts included in the overhaul kits for S/N 100300-100599 engines:

Serial Numbers:				100300 - 100599	
Gearbox Ratio:				Gearbox A 2.58 : 1	Gearbox B 3.47 : 1
NO	PART NUMBER	DESCRIPTION	REMARKS	HKS TBO Kit Part Number	
				071-001	071-002
1	04Y-255	VALVE INTAKE 700E		4	4
2	04Y-439	# 700E VALVE EXHAUST NCF		4	4
3	04Y-214	G/K CYLINDER HEAD A700E		2	2
4	04Y-436	IG/K CYLINDER 700E		2	2
5	04Y-218	G/K C.H.C. A700E		2	2
6	04Y-286	## 700E GASKET IN MANIFOLD	for sand cast	2	2
7	04Y-224	GASKET REDUCTION A	A	1	1
8	04Y-225	GASKET REDUCTION B	B	1	1
9	04Y-226	## GASKET COVER FRONT	8 holes	1	1
10	04Y-227	GASKET COVER REAR 700E		1	1
11	04Y-389	O-RING 54.5mm	oil pump	3	3
12	04Y-390	O-RING 16.8mm		2	2
13	04Y-391	O-RING 29.7mm		2	2
14	04Y-392	O-RING 16.8mm	scavenging line	1	1
15	04Y-388	O-RING S6	regulator return	1	1
16	04Y-273	O-RING 19.8x1.9	union	3	3

17	04Y-393	A700E S10 9.5-1.5	Case bolt	2	2
18	04Y-415	700E WASHER DRAIN		1	1
19	04Y-404	WASHER REGULATOR 700E		1	1
20	04Y-248, 249,250	700E PISTON #	(#=0,1,2)	2	2
21	04Y-246	700E PISTON PIN 12.5		2	2
22	04Y-247	SNAP RING A700E		4	4
23	04Y-243	RING PISTON TOP Φ 85 700E		2	2
24	04Y-244	RING PISTON 2ND Φ 85 700E		2	2
25	04Y-245	RING PISTON OIL Φ 85 700E		2	2
26	04Y-399	NUT CRANK SHAFT M25 700E		1	1
27	04Y-409	700E WASHER CRANK		1	1
28	04Y-360	700E BOLT FLYWHEEL		6	6
29	04Y-400	700E NUT HEAD BOLD		8	8
30	04Y-231, 232,233	BEARING CRANK SHAFT (#) A700E	(#=0,1,2)	4	4
31	04Y-251, 252,253	BEARING CON-ROD # 700E	(#=3,4,5)	4	4
32	04Y-235	WASHER THRUST RH 700E		2	2
33	04Y-234	WASHER THRUST LH 700E		2	2
34	04Y-446	OIL FILTER		1	1
35	04Y-398	700E PLUG IK24C11		4	4
36	04Y-284	INSULATOR 700E		2	2

(Overhaul Kits for engines from S/N 100600 and above are on the following pages)

The following table represents the HKS parts included in the overhaul kits for S/N 100600 and above engines:

Serial Numbers:				100600 and up	
Gearbox Ratio:				Gearbox A 2.58 : 1	Gearbox B 3.47 : 1
NO	PART NUMBER	DESCRIPTION	REMARKS	HKS TBO Kit Part Number	
				071-003	071-004
1	04Y-255	VALVE INTAKE 700E		4	4
2	04Y-439	#700E VALVE EXHAUST NCF		4	4
3	04Y-214	G/K CYLINDER HEAD A700E		2	2
4	04Y-436	I/G/K CYLINDER 700E		2	2
5	04Y-218	G/K C.H.C. A700E		2	2
6	04Y-449	GASKET IN MANIFOLD	LP Head	2	2
7	04Y-224	GASKET REDUCTION A	A	1	1
8	04Y-225	GASKET REDUCTION B	B	1	1
9	04Y-457	GASKET COVER FRONT		1	1
10	04Y-227	GASKET COVER REAR 700E		1	1
11	04Y-389	O-RING 54.5mm	oil pump	3	3
12	04Y-390	O-RING 16.8mm		2	2
13	04Y-391	O-RING 29.7mm		2	2
14	04Y-392	O-RING 16.8mm	scavenging line	1	1
15	04Y-388	O-RING S6	regulator return	1	1
16	04Y-273	O-RING 19.8x1.9	union	3	3
17	04Y-393	A700E S10 9.5-1.5	Case bolt	2	2
18	04Y-415	700E WASHER DRAIN		1	1
19	04Y-404	WASHER REGULATOR 700E		1	1
20	04Y-248, 249,250	700E PISTON #	(#=0,1,2)	2	2
21	04Y-246	700E PISTON PIN 12.5		2	2
22	04Y-247	SNAP RING A700E		4	4
23	04Y-243	RING PISTON TOP Ø85 700E		2	2

24	04Y-244	RING PISTON 2 ND Φ85 700E		2	2
25	04Y-245	RING PISTON OIL Φ85 700E		2	2
26	04Y-399	NUT CRANK SHAFT M25 700E		1	1
27	04Y-409	700E WASHER CRANK		1	1
28	04Y-360	700E BOLT FLYWHEEL		6	6
29	04Y-400	700E NUT HEAD BOLT		8	8
30	04Y-231, 232,233	BEARING CRANK SHAFT (#) A700E	(#=0,1,2)	4	4
31	04Y-251, 252,253	BEARING CON-ROD # 700E	(#=3,4,5)	4	4
32	04Y-235	WASHER THRUST RH 700E		2	2
33	04Y-234	WASHER THRUST LH 700E		2	2
34	04Y-446	OIL FILTER		1	1
35	04Y-398	700E PLUG IK24C11		4	4
36	04Y-284	INSULATOR 700E		2	2