

Electrical and Mechanical Engineers
 Service Corps, Maldives National Defense Force
 Maldives National Defense Force

GTC Gen Set NO.III

Type:	Cummins
Model No.	LTA 10 G2
Engine No.	35021297
S.O.No.	50301
C.P.L No.	1443
Mfg Date:	10/1/2000

ROCKER LEVER & HSG

Ref No.	Part Number	Part Name	QTY	Remarks
1	3019733	Bushing	12	
2	3067871	Bushing	6	
3	3820151	Rod, Push	12	
4	3820152	Rod, Push	6	
5	3070175	Crosshead, Valve	12	

CAM FOLLOWER

Ref No.	Part Number	Part Name	QTY	Remarks
6	3038178	Roller, Cam Follower	12	
7	3038179	Roller, Cam Follower	6	
8	3028105	Pin, Cam follower Roller	12	
9	3028106	Pin, Cam follower Roller	6	

FRONT GEAR COVER

Ref No.	Part Number	Part Name	QTY	Remarks
10	3803488	Kit, Oil Seal	1	
11	3803489	Kit, Oil Seal	1	
12	3803487	Kit, Oil Seal	1	

CYLINDER BLOCK

Ref No.	Part Number	Part Name	QTY	Remarks
13	3820566	Bushing	7	
14	3007635	Plug, Expansion	4	1 inch
15	3007632	Plug, Expansion	8	0.387mm
16	3014755	Disk, Valve	1	

CRANKSHAFT / MAIN BEARINGS

Ref No.	Part Number	Part Name	QTY	Remarks
17	3032623	Shim	6	0.005 inch
18	3034663	Shim	6	0.008 inch
19	3819774	Sleeve, wear	1	
20	3801150	Set, Bearing Main	1	std

IDLER GEARS

Ref No.	Part Number	Part Name	QTY	Remarks
21	3027769	Bearing Thrust	8	
22	3041038	Plate, Thrust Bearing Wear	1	
23	3026189	Bushing	2	

GEAR HOUSING / VIBRATION DAMPER

Ref No.	Part Number	Part Name	QTY	Remarks
24	3819634	Bearing, Needle	1	
25	3882685	Seal, Rectangular Strip	1	
26	3820945	Seal, Rectangular Ring	1	
27	3819976	Damper, Vibration	1	

FUEL PUMP DRIVE / THERMOSTAT / MAGNETIC PICKUP / FAN DRIVE

Ref No.	Part Number	Part Name	QTY	Remarks
28	3028309	Bearing, Thrust	1	
29	213272	Pickup, Magnetic	1	
30	217008	Spacer, Bearing	1	
31	217011	Spacer, Bearing	1	
32	3001280	Ring, Retaining	1	
33	3001281	Bearing, Roller	2	
34	3027675	Seal, Oil	1	
35	3027680	Seal, O Ring	1	
36	3060884	Cover, Idler Pulley	1	

FLYWHEEL HOUSING / FUEL PUMP / FUEL VALVE

Ref No.	Part Number	Part Name	QTY	Remarks
37	3803354	Kit, Oil Seal	1	
38	3046200	Spider, Jaw Coupling	1	
39	3892949	Assembly, Fuel Pump	1	PTC fuel pump without mechanical tach drive. 24Volt EFC governor actuator, normally closed. Pump mounted fuel filter.

40	3018453	Valve, Shutoff	1	24volt DC rapid restart fuel valve
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LUB OIL COOLER / LUB OIL PUMP				
Ref No.	Part Number	Part Name	QTY	Remarks
41	3046201	Seal, O Ring	1	
42	3040817	Seal, O Ring	1	
43	3820665	Hose, Plain	2	1.25" ID x 2.75"
44	3026806	Clamp, Hose	4	
45	3882324	Cooler, Lubricating Oil	1	
46	3803241	Pump, Lubricating Oil	1	

DIPSTICK AND OIL FILLER / OIL PAN				
Ref No.	Part Number	Part Name	QTY	Remarks
47	3025296	Gasket, Cover Plate	1	
48	3893835	Dipstick	1	
49	101322	Cap, Filler	1	
50	3883472	Gasket, Hand Hole	3	
51	3882733	Gasket, Oil Pan	1	
52	3032787	Seal, O Ring	2	

CONNECTING ROD / CYLINDER KIT				
Ref No.	Part Number	Part Name	QTY	Remarks
53	3820303	Bushing	6	
54	3027108	Screw, Connecting Rod Cap	12	M14 x 1.50 x 91
55	3016760	Bearing, Connecting Rod	12	std
56	3803465	Kit, Cylinder	6	A single kit contains, Liner, Piston, Seals, Retaining Rings, Pin & Piston Ring Set.
57	3032623	Shim	6	0.005 inch
58	3034663	Shim	6	0.008 inch

CAMSHAFT / CYLINDER HEAD				
Ref No.	Part Number	Part Name	QTY	Remarks
59	3818273	Support, Camshaft Thrust	1	
60	3007759	Seal, O Ring	6	
61	3011934	Sleeve, Injector	6	
62	3820700	Insert, Valve	24	
63	3073512	Guide, Valve Stem	24	
64	3033232	Spring, Valve	24	
65	3801357	Valve, Exhaust (kit with Collets - 3275354)	12	
66	3033233	Spring, Valve	24	
67	3073509	Seal, Valve Stem	12	Intake
68	3073510	Seal, Valve Stem	12	Exhaust
69	3045850	Screw, Hexagon Head Cap	29	M14 x 1.50 x 140
70	3045849	Screw, Hexagon Head Cap	3	M14 x 1.50 x 75
71	3028272	Screw, Twelve Point Cap	7	M10 x 1.50 x 75
72	3007632	Plug, Expansion	2	
73	206741	Plug, Expansion	2	
74	3007635	Plug, Expansion	8	

INJECTORS / TURBOCHARGER / MAGNETIC SWITCH / AFTERCOOLER				
Ref No.	Part Number	Part Name	QTY	Remarks
75	3076736	Injector	6	
76	3545653	Kit, Turbocharger Repair	1	
77	3892347	Clamp, T Bolt	2	
78	3025152	Hose, Plain	1	
79	3801801	Core, After cooler	1	

EXHAUST MANIFOLD				
Ref No.	Part Number	Part Name	QTY	Remarks
80	3818121	Screw, Hex Flange Head Cap	12	M10 x 1.50 x 100
81	3883407	Seal, Exhaust Manifold	2	

THERMOSTAT HOUSING				
Ref No.	Part Number	Part Name	QTY	Remarks
82	186780	Seal, Thermostat	1	
83	3022502	Screw, Hexagon Head Cap	4	M10 x 1.50 x 145
84	3008690	Clamp, Hose	2	
85	3335045	Screw, Hexagon Head Cap	4	M10 x 1.50 x 35

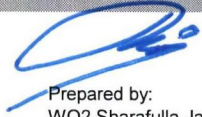
CORROSION RESISTOR / WATER HEADER COVER / EXHAUST OUTLET CONNECTION				
Ref No.	Part Number	Part Name	QTY	Remarks
86	3819751	Seal, O Ring	2	
87	3315118	Element, Crn Resistor	1	
88	3818885	Seal, O Ring	1	
89	3818849	Shaft, Shutoff Valve	1	
90	3883363	Gasket, Water Header Cover	1	
91	3803261	Kit, Water Pump Repair	1	

92 115774 Clamp, V Band 1

GASKET KITS AND REPAIR KITS

Ref No.	Part Number	Part Name	QTY	Remarks
93	3803463	Set, Upper Engine Gasket	1	
94	3803453	Set, Lower Engine Gasket	1	
95	3010242	Set, Fuel Pump Gasket	1	

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