





























PARTS BREAKDOWN  
rev 5\_12/05/2011

EM4250  
EM4250CA

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Tech Bulletin	Fig. No.	Part No.	Description	Q'ty Unit	Notes
	1	624-10030-00	SHAFT PIPE CPL.,EM4251	1	
	2	324893-4	SHAFT, EM2650LH	1	
	3	625-80280-02	PROTECTOR ASSY, EM4250	1	
	3	625-80600-01	PROTECTOR ASS'Y	1	
	4	625-80280-02	PROTECTOR ASSY, EM4250	1	
	4	625-80610-01	PROTECTOR ASS'Y	1	
	5	625-80280-02	PROTECTOR ASSY, EM4250	1	
	5	625-80530-01	PROTECTOR CPL., RBC2510	1	
	6	004-36054-00	P.H.SCREW M5X40, EM4251	2	
	7	002-18050-00	NUT, RBC225	2	
	8	625-40190-00	HANGER ASSY, RBC251	1	
	9	004-36052-00	SCREW & WASHER ASS'Y, RBC281	1	
	10	625-45000-00	GRIP, RBC260	1	
	11	621-45016-00	HANDLE, RBC252	1	
	12	621-45020-00	HANDLE, EM4250	1	
	13	625-40070-01	HANDLE HOLDER ASS'Y,EM4250	1	
	14	922241-7	H.S.H. BOLT M5X25,	4	
	15	922241-7	H.S.H. BOLT M5X25,	4	
	16	624-50020-00	CONTROL LEVER ASS'Y, EM4260	1	
	17	624-30060-02	GEAR CASE ASS'Y, RBC2510	1	
	18	922241-7	H.S.H. BOLT M5X25,		
	19	621-25003-00	BALL BEARING 609ZZ, RBC230	1	
	20	961005-4	H.S.H. BOLT M5X25	1	
	21	962103-7	RETAINING RING R-24	1	
	22	060-00699-90	BALL BEARING 626ZZ, EM4251	1	
	23	624-30080-02	CUTTER SHAFT SET, RBC2510	1	
	24	060-01099-10	BALL BEARING DDU, RBC2510	1	
	25	003-14260-00	INNER SNAP RING, RBC230	1	
	26	621-85016-01	RECEIVE WASHER, EM4251	1	
	27	621-80030-01	CLAMP CPL. WASHER, EM4251	1	
	28	625-85050-01	NUT, RBC255	1	
	29	621-85002-00	GUARD, RBC230	1	
	30	014-00593-90	SCREW ASSEMBLY	2	
	31	625-30110-12	OIL BOLT M6X9, RBC201	1	
	32	004-31050-60	PAN HEAD SCREW, RBC252	1	
	33	922218-2	H.S.H. BOLT M5X14 WITH WR	1	
	34	624-95084-00	CAUTION LABEL, EM4250CA	1	
	35	625-95147-00	CAUTION LABEL, RBC321	1	
	36	625-80280-02	PROTECTOR ASSY, EM4250	1	
	37	641-85003-03	PROTECTOR CLAMP, EM4251	1	
	38	001-17063-00	BOLT M6X30, EM4251	2	
	39	015-00599-40	TAPPING SCREW, RBC201	1	
	41	621-50220-30	LEVER , EM4250	1	
	42	621-50230-60	LEVER, EM4251	1	
	43	621-50230-50	ADJUST CPL.,EM4251	1	
	44	624-50020-10	WIRE SET, EM4250	1	
	45	624-50020-20	WIRE CPL., EM4250	1	
	46	619-50060-50	SPRING, EM4251	1	
	47	011-90599-80	S.H.BOLT M5X30, EM4250	1	



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	48	621-50220-40	NUT M5 , EM4250	1	
	49	619-50060-60	T. SCREW M4X20, EM4251	2	
<a href="#">Y05305</a>	50	592-10240-00	CYLINDER BLOCK SET, EM4251	1	April 2008 production
	50	592-10050-04	CYLINDER BLOCK SET, EM4251	1	
	51	592-15012-00	BALL, EM4251	2	
	52	592-15005-02	CAMGEAR COVER, EM4251	1	
	53	592-10040-01	ROCKER COVER CPL., EM4250	1	
	54	592-15007-00	CAMGEAR COVER GASKET, EM4251	1	
	55	592-15008-00	ROCKER COVER GASKET, EM4251	1	
	56	592-15010-00	LEAD VALVE, EM4251	1	
	57	592-15011-00	RETAINER PLATE, EM4251	1	
	58	011-90499-80	S.H. BOLT M4X10, EM4251	1	
	59	004-36051-60	SCREW ASS'Y M5X16(W,SW),EM4251	3	
	60	011-90595-10	S.H. BOLT M5X14, EM4251	6	
	61	011-90595-10	S.H. BOLT M5X14, EM4251	2	
	62	004-36051-40	SCREW M5X14, RBC251	3	
	63	624-15002-03	CLUTCH CASE, EM4251	1	
	64	922222-1	H.S.H. BOLT M5X16	3	
	65	592-65000-00	OIL CASE, EM4251	1	
	66	592-65001-00	CASE GASKET, EM4251	1	
	67	592-65002-00	OIL TUBE, EM4251	1	
	68	592-65003-00	OIL WEIGHT, EM4251	1	
	69	592-65006-00	OIL GAUGE, EM4251	1	
	70	021-30699-90	GASKET, RBC230	1	
	70	021-31699-90	GASKET, EM4251	1	
<a href="#">Y05404</a>	71	011-90595-10	S.H. BOLT M5X14, EM4251	4	
	71	004-36051-80	SCREW ASSEMBLY, RBC230	4	
	72	065-01099-50	SPARK PLUG CMR6A, EM4251	1	
	73	592-35038-00	WASHER, EM4251	1	
	74	624-20030-00	CLUTCH DRUM CPL.,EM4251	1	
	75	962151-6	RETAINING RING R-32	1	
	76	060-01299-50	BALL BEARING 6201DD/6201 2RU,RBC261	1	
	77	961052-5	RETAINING RING S-12	1	
	78	450569-8	SPACER, EM2650LH	1	
	79	624-15004-01	PIPE DAMPER 1, EM4251	1	
	80	624-15005-01	PIPE DAMPER 2, EM4251	1	
	81	624-15006-01	PIPE BRACKET 1, EM4251	1	
	82	624-15007-01	PIPE BRACKET 2, EM4251	1	
	83	922211-6	HEX. SOCKET HAD BOLT M5X12	1	
	84	922226-3	H. S. H. BOLT M5X18	2	
	85	521-90020-00	STAND SET, RBC230	1	
	86	014-00594-80	SCREW M5X14, EH561	2	
	87	592-20030-00	CRANKSHAFT ASS'Y, EM4251	1	
	88	044-01299-60	OIL SEAL (L), EM4251	1	
	89	044-01099-70	OIL SEAL (S), EM4251	1	
	90	542-15005-00	CLIP, EM4251	1	
	91	592-25009-00	PISTON, EM4251	1	
	92	592-20040-00	PISTON RING SET, EM4251	1	
	93	056-50899-70	CLIP, RST250	2	



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	94	257781-9	PISTON PIN, EM2650LH	1	
	95	424200-2	SPACER, EM2650LH	2	
	96	592-35000-01	CAM LIFTER, EM4251	2	
	97	593-30030-00	CAM GEAR ASSEMBLY, EM4250	1	
	98	592-35005-01	CAM GEAR SHAFT, EM4251	1	
	99	592-35006-00	CAM LIFTER SHAFT, EM4251	1	
	100	592-35007-00	PUSH ROD, EM4251	2	
	101	593-30020-00	ROCKER ARM ASS'Y, BHX2500	2	
	102	256200-2	PIN 5	1	
	103	592-35012-00	VALVE SPRING, EM4251	2	
	104	592-35013-00	SPRING RETAINER, EM4251	2	
	105	592-35014-00	EXHAUST VALVE, EM4251	1	
	106	592-35015-00	INTAKE VALVE, EM4251	1	
	107	592-50010-02	STARTER COVER ASS'Y, EM4251	1	
	108	451937-8	REEL, EM2650LH	1	
	109	266585-8	TAPPING SCREW 5X12	1	
	110	232258-5	SPIRAL SPRING, EM2650LH	1	
	111	451938-6	COLLAR, EM2650LH	1	
	112	325923-4	SWING ARM, EM2650LH	1	
	113	592-50010-50	STARTER ROPE, EM4251	1	
	114	424319-7	STARTER KNOB, EM2650LH	1	
	115	168483-1	PULLEY, EM2650LH	1	
	116	004-36042-50	SCREW ASS'Y M4X25, RBC201	2	
	117	023-00499-40	SPACER, EM4251	2	
	118	592-95008-00	TANK GUARD, EM4251	1	
	119	004-36051-00	SCREW ASSEMBLY, EH450	2	
	120	624-95086-00	MODEL LABEL, EM4250CA	1	
	121	592-60090-00	CARBURETOR, EM4250	1	
	122	140437-0	PUMP BODY, EM2650LH	1	
	123	140438-8	AIR PURGE BODY, EM2650LH	1	
	124	346270-0	PRIMER PUMP COVER, EM2650LH	1	
	125	424314-7	PRIMER PUMP, EM2650LH	1	
	126	592-60080-10	METERING DIAPHRAGM, EM4251	1	
	127	442154-1	METERING DIAPHRAGM GASKET, EM2650LH	1	
	128	168575-6	PUMP DIAPHRAGM, EM2650LH	1	
	129	442155-9	PUMP GASKET, EM2650LH	1	
	130	519-60020-20	JET, RBC201	1	
	131	213538-8	O RING 2, EM2650LH	1	
	132	257964-1	STOP RING E-3, EM2650LH	1	
	133	325922-6	SWIVEL, EM2650LH	1	
	134	592-60020-10	THROTTLE VALVE ASS'Y, EM4250	1	
	135	266581-6	PAN HEAD SCREW M3X8	2	
	136	520-60081-10	PLUG, RBC230	1	
	137	266582-4	TAPPING SCREW 3X24	4	
	138	234183-6	CONICAL COMPRESSION SPRING 5-9	1	
	139	413140-9	WASHER, EM2650LH	1	
	140	352010-6	INLET SCREEN	1	
<a href="#">Y05305</a>	141	592-30160-00	INSULATOR COMPLETE	1	April 2008 production
	141	592-30050-02	INSULATOR, EM4251	1	



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	142	002-17050-00	NUT M5, EW110R	2	
	143	002-27060-00	NUT, G3510R	1	
	144	002-27060-00	NUT, G3510R	1	
<a href="#">Y05305</a>	145	592-35047-00	INSULATOR GASKET, EM4251	1	
	145	592-35018-01	INSULATOR GASKET, EM4251	1	
	146	592-35040-00	CARBURETOR GASKET, EM4250	1	
	147	592-35020-00	CARBURETOR INSULATOR, EM4251	1	
<a href="#">Y05305</a>	148	011-90598-70	SOCKET HEAD BOLT, RBC230	2	
	148	004-36051-80	SCREW M5X18	2	
	149	014-90699-72	ADJUST SCREW M6X16, EM4251	1	
	150	524-60041-50	CAP, EM4251	1	
	151	525-95003-00	CAP, EM4250	1	
	152	592-15009-00	BREATHER PIPE, EM4251	1	
	153	593-30010-00	CLEANER PLATE ASSY, EM4250	1	
	154	593-30050-00	AIR CLEANER PLATE CPL, EM4250	1	
	155	531-65007-01	CHECK VALVE, EM4251	1	
	156	424316-3	CHECK VALVE	1	
	157	592-35025-00	CHECK VALVE PLATE, EM4251	1	
	158	593-35016-00	SEPARATOR PLATE,MS2514	1	
	159	592-35022-00	CHOKE LEVER, EM4251	1	
	160	593-35012-00	AIR CLEANER ELEMENT,EM4250	1	
	161	024-01399-70	O RING P14, EM4251	1	
	162	213540-1	O RING 15, EM2650LH	1	
	163	592-35023-01	CHOKE PLATE, EM4251	1	
	164	592-35026-00	PLATE, EM4251	1	
	165	021-30699-90	GASKET, RBC230	1	
	166	593-35008-00	AIR CLEANER COVER,EM4250	1	
	167	592-35030-01	PIPE, EM4251	1	
	168	014-00594-80	SCREW M5X14, EH561	1	
	169	592-35031-00	SCREW M5X68(W,SW SUS),EM4251	2	
	170	345918-1	HOSE CLAMP	1	
	171	592-30010-00	EXHAUST MUFFLER, EM4251	1	
	172	592-35016-01	MUFFLER GASKET, EM4251	1	
	173	592-35034-00	MUFFLER COVER, EM4251	1	
	174	011-90595-20	SOCKET HEAD BOLT M5X40, RBC201	2	
	175	014-00599-62	SCREW, EW110R	1	
	176	592-65024-00	FUEL TANK, EM4251CA	1	EM4250CA
	176	592-65004-00	FUEL TANK, EM4251	1	EM4250
	177	592-60030-00	TUBE, EM4251	1	
	178	523-65039-00	FILTER, RBL500	1	
	179	056-10599-90	HOSE CLAMP, EM4251	1	
	180	592-60120-00	FUEL TANK CAP, EM4251	1	
	181	525-60670-00	STRAP, RBC2510	1	
	182	810455-9	CAUTION PLATE	1	
	183	503-65002-00	PLATE, RBC230	1	
	184	503-65003-00	PLATE RBC230	1	
	185	519-65003-02	DAMPER, EH450	1	
	186	592-70120-11	IGNITION COIL, BHX2500	1	
<a href="#">Y05352</a>	187	592-70010-21	FLYWHEEL	1	





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	187	592-70010-20	FLYWHEEL, EM4251	1	
	188	592-75001-00	PLUG CAP, EM4251	1	
	189	065-40099-31	PLUG CAP SPRING,RBC221	1	
	190	592-70030-00	WIRE CPL.,EM4251	1	
	191	525-70180-01	WIRE COMPLETE, RBC201	1	
	192	525-75003-00	GROMMET, EH561	1	
	193	001-13061-60	BOLT ASS'Y, RBL500	1	
	194	003-12060-00	WASHER, G2400R	1	
<a href="#">Y05655</a>	195	004-37042-00	SCREW ASS'Y M4X20, BHX2500	2	
	195	014-00499-20	SCREW M4X20, RST250	2	
	196	592-85000-00	CLUTCH SHOE, EM4251	2	
	197	592-85001-00	SPRING, EM4251	1	
	198	592-85002-00	CLUTCH BOLT, EM4251	2	
	199	267812-6	WASHER 6	2	
	200	592-55008-00	CYLINDER COVER, EM4251	1	
	201	004-36051-00	SCREW ASSEMBLY, EH450	2	
	202	004-36041-60	SCREW M4X16(W,SW),EM4251	2	
	203	592-75000-00	PLUG COVER, EM4251	1	
	204	056-60599-80	CLAMP, RBC201	1	
	205	592-95010-01	TRADE MARK LABEL, EM4250	1	
	206	625-85082-00	PROTECTOR CLAMP, RBC2510	1	
	207	001-17063-00	BOLT M6X30, EM4251	2	
	208	625-80280-02	PROTECTOR ASSY, EM4250	1	
	208	625-80420-05	PROTECTOR CPL., EM4250	1	
	209	592-30080-11	SPARK ARRESTER, EM4251	1	
	210	592-35039-00	PIPE, EM4250	1	
	211	424201-0	CHECK VALVE	2	
<a href="#">Y05305</a>	212	011-90597-80	S.H. BOLT M5X12, RBC230	1	
	212	004-36051-00	SCREW ASSEMBLY	1	
	213	592-35035-00	SEPARATOR GASKET, EM4251	1	
	214	593-35009-00	AIR CLEANER ELEMENT,EM4250	1	
	215	B-14118	9" STAR BLADE 4T, RBC310	1	
	215	B-01878	9 STAR BLADE 4T, RBC310	1	
	216	123143-2	BAND ASSEMBLY	1	
	217	624-90000-00	TOOL SET	1	
<a href="#">Y05305</a>	218	592-35046-00	INTAKE PIPE	1	
<a href="#">Y05305</a>	219	213078-6	O RING 10, BHX2500	1	
	220	072-21046-00	OIL BOTTLE	1	
	220	072-21050-00	OIL BOTTLE, EM4251	1	