

110157 GX390

Engine Breakdown



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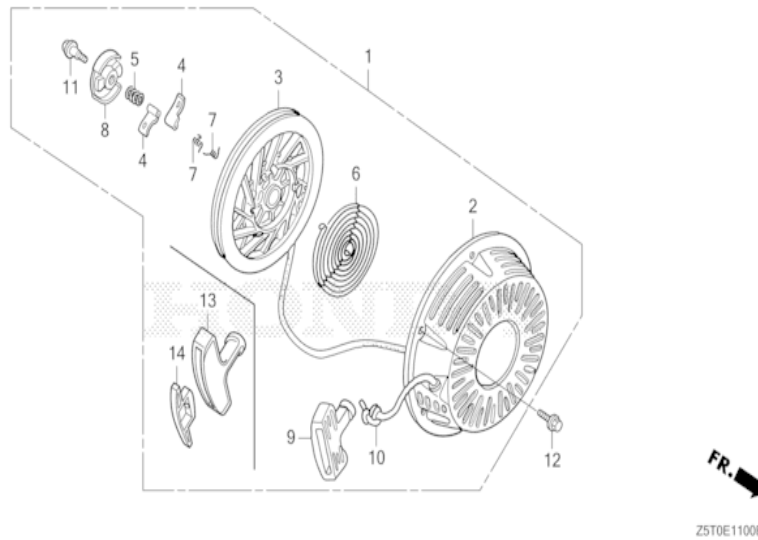
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GX390RT2X(VCT)

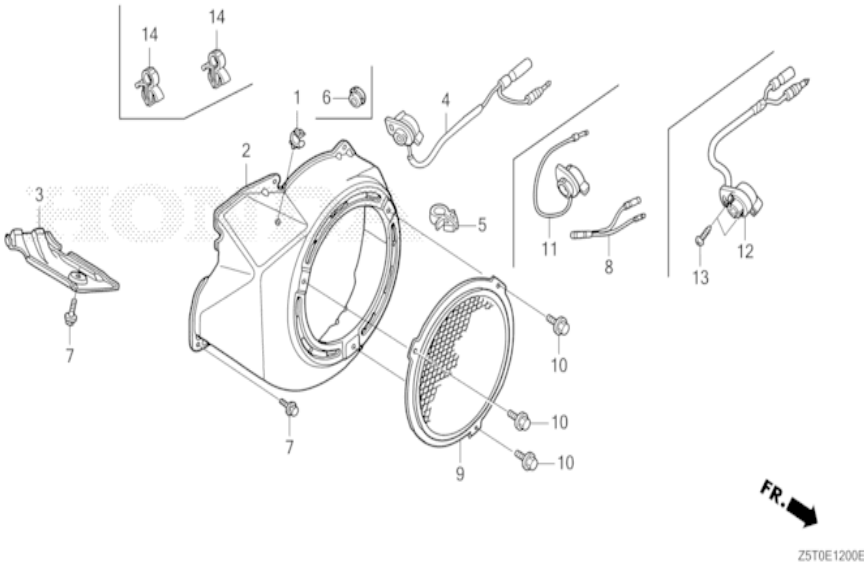
E-11 RECOIL STARTER (1)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	28400-Z5T-013ZA	STARTER ASSY., RECOIL *R280*	1	
001	28400-Z5T-013ZB	STARTER ASSY., RECOIL *NH1*	1	
002	28410-ZE3-W01ZB	CASE COMP., RECOIL STARTER *NH1 *	1	
002	28410-ZE3-W01ZP	CASE COMP., RECOIL STARTER *R280 *	1	
003	28421-ZE3-W01	PULLEY, RECOIL STARTER	1	
004	28422-ZE2-W01	RATCHET, STARTER	2	
005	28441-ZE2-W01	SPRING, FRICTION	1	
006	28442-ZE2-W01	SPRING, STARTER RETURN	1	
007	28443-ZE2-W01	SPRING, RATCHET	2	
008	28444-ZE2-W01	RETAINER, SPRING	1	
010	28462-ZE3-W01	ROPE, RECOIL STARTER	1	
011	90004-ZE2-W01	SCREW, CENTER	1	
012	95701-0601000	BOLT, FLANGE, 6X10	3	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
013	28461-Z5T-003	GRIP, STARTER	1	
014	28463-Z5T-013	GRIP, REINFORCEMENT	1	

GX390RT2X(VCT)

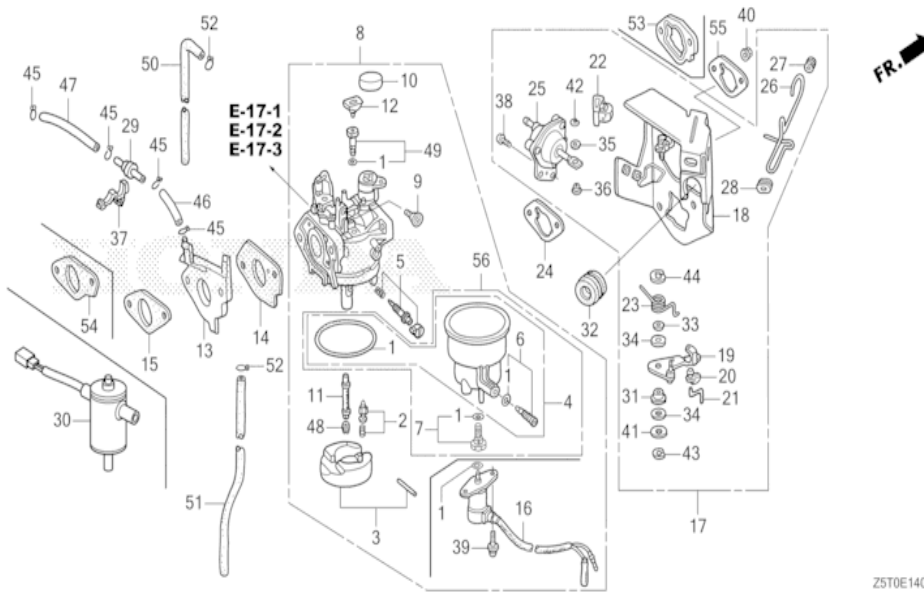
E-12 FAN COVER (1)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	16731-ZE2-003	CLIP, TUBE	1	
002	19610-Z5T-000ZA	COVER COMP., FAN *R280*	1	
002	19610-Z5T-000ZB	COVER COMP., FAN *NH1*	1	
003	19631-Z5T-000	SHROUD	1	
006	81329-567-020	GROMMET, DRAIN HOLE	1	
007	90013-883-000	BOLT, FLANGE, 6X12 (CT200)	6	

GX390RT2X(VCT)

E-14-1 CARBURETOR (2)



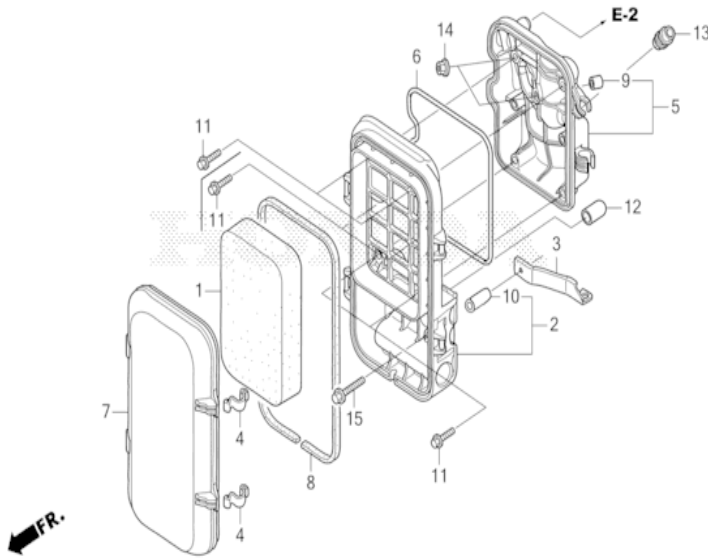
Z5T0E1401H

Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	16010-ZA0-921	GASKET SET	1	
002	16011-ZA0-931	VALVE SET, FLOAT	1	
003	16013-Z1C-003	FLOAT SET	1	
005	16016-Z1E-V21	SCREW SET	1	
006	16024-124-760	SCREW SET, DRAIN	1	
008	16100-Z5T-WF1	CARBURETOR ASSY. (BEC1A A)	1	
009	16124-ZE0-005	SCREW, THROTTLE STOP	1	
010	16148-141-881	CAP, CHOKE DUST	1	
011	16166-Z5T-WF1	NOZZLE, MAIN	1	
012	16172-ZE3-W10	COLLAR, SETTING	1	
013	16211-ZBH-700	INSULATOR, CARBURETOR	1	
014	16221-Z5T-000	PACKING, CARBURETOR	1	
017	16260-ZE3-D22	STAY ASSY., MANUAL CHOKE	1	

<u>Ref</u>	<u>Partnumber</u>	<u>Description</u>	<u>GX390RT2X</u>	<u>Serial Numbers</u>
018	16261-ZE2-702	STAY COMP., SOLENOID	1	
019	16262-ZE2-711	LEVER, CHOKE	1	
020	16263-ZA0-000	JOINT, ROD	1	
021	16264-ZE2-701	ROD, CHOKE	1	
022	16265-ZE2-721	STOPPER, CHOKE ROD	1	
023	16268-ZE2-721	SPRING, MANUAL CHOKE	1	
024	17228-Z5T-000	PACKING, AIR CLEANER	1	
025	16400-ZE2-704	DIAPHRAGM ASSY.	1	
026	16611-ZE3-D21	ROD, CHOKE CONTROL	1	
027	16613-893-000	GROMMET, CHOKE ROD	1	
028	16615-893-000	GUIDE, CHOKE ROD	1	
029	36135-ZF6-D41	VALVE, DASHPOT CHECK	1	
031	53149-964-003	BUSH, ARM PIVOT	1	
032	88911-MJ3-000	GROMMET, FENDER	1	
033	90431-ZE2-700	WASHER, CHOKE LEVER	1	
034	90432-ZE2-700	SEAL, CHOKE LEVER	2	
035	90433-ZE2-700	WASHER, THRUST, 2.7X8	1	
036	90434-ZE2-700	COLLAR, LEVER	1	
038	93500-050120A	SCREW, PAN, 5X12	2	
040	94050-06000	NUT, FLANGE, 6MM	2	
041	94103-05000	WASHER, PLAIN, 5MM	1	
042	94540-02010	E-RING, 2MM	1	
043	94540-04010	E-RING, 4MM	1	
044	94540-07010	E-RING, 7MM	1	
045	95002-02070	CLIP, TUBE (B7)	4	
046	95005-3507510	TUBE, 3.5X75 (95005-35001-10M)	1	
047	95005-3513010	TUBE, 3.5X130 (95005-35001-10M)	1	
048	99101-ZH81100	JET, MAIN, #110	(1)	
048	99101-ZH81120	JET, MAIN, #112	(1)	
048	99101-ZH81150	JET, MAIN, #115	1	
049	99204-ZE00450	JET SET, PILOT, #45	1	
053	16220-ZA0-702	SPACER COMP., CARBURETOR	1	
054	16212-Z5T-000	PACKING, CARBURETOR INSULATOR	1	
<u>Ref</u>	<u>Partnumber</u>	<u>Description</u>	<u>GX390RT2X</u>	<u>Serial Numbers</u>
056	06160-Z1C-325	BOLT KIT, FUEL CHAMBER	1	

GX390RT2X(VCT)

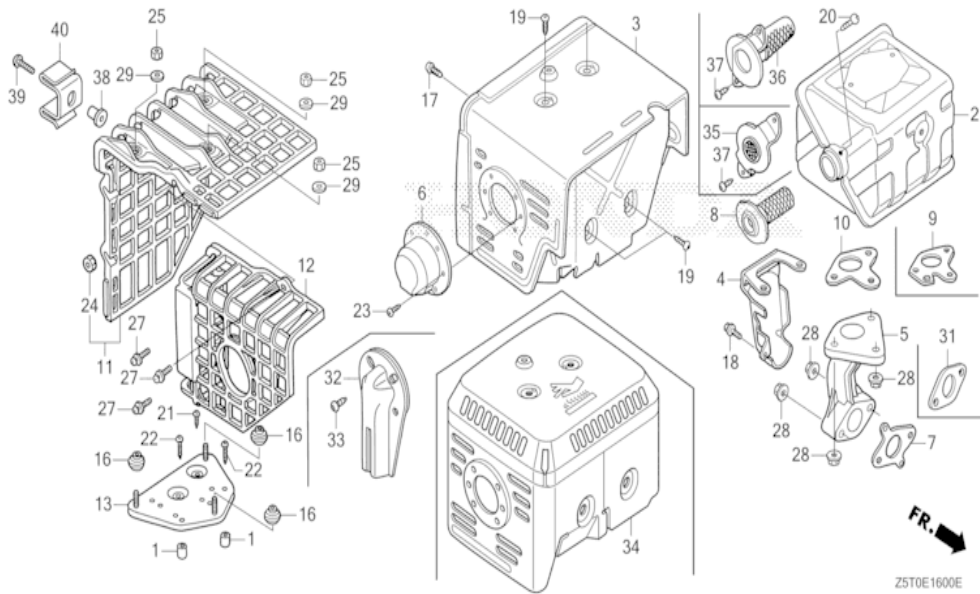
E-15-4 AIR CLEANER (5)



Z5T0E1504B

Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	17211-899-000	ELEMENT, AIR CLEANER	1	
002	17220-Z23-S30	CASE COMP., AIR CLEANER	1	
003	17222-Z23-H60	STAY, AIR CLEANER	1	
004	17223-Z23-000	SPRING, AIR CLEANER CASE LID	2	
005	17223-ZBH-000	BASE COMP., AIR CLEANER	1	
006	17229-Z23-H60	SEAL, AIR CLEANER CASE	1	
007	17231-ZBH-000	COVER, AIR CLEANER	1	
008	17233-Z23-H60	SEAL, AIR CLEANER COVER	1	
009	17238-ZG9-M00	COLLAR, AIR CLEANER	2	
010	17238-ZE7-710	COLLAR, AIR CLEANER	1	
011	90005-ZM3-000	BOLT, FLANGE, 5X18	4	
012	90802-Z6L-000	CAP, SEALING	1	
013	90854-ZB3-000	RUBBER, FUEL (9X15X20)	1	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
015	95701-0603208	BOLT, FLANGE, 6X32	1	

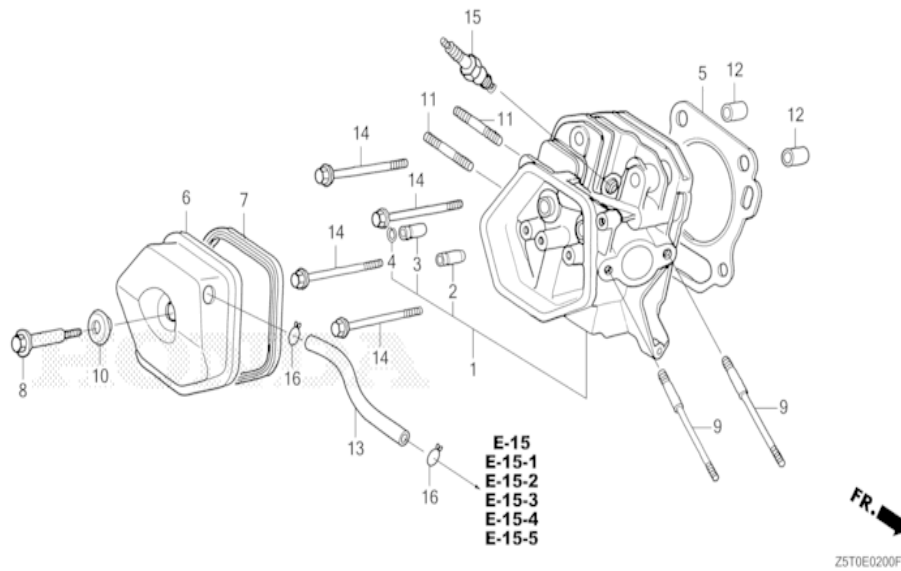
GX390RT2X(VCT)	E-16 MUFFLER (1)
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Ref	Partnumber	Description	GX390RT2X	Serial Numbers
007	18333-ZF6-W01	GASKET, EX. PIPE	1	

GX390RT2X(VCT)

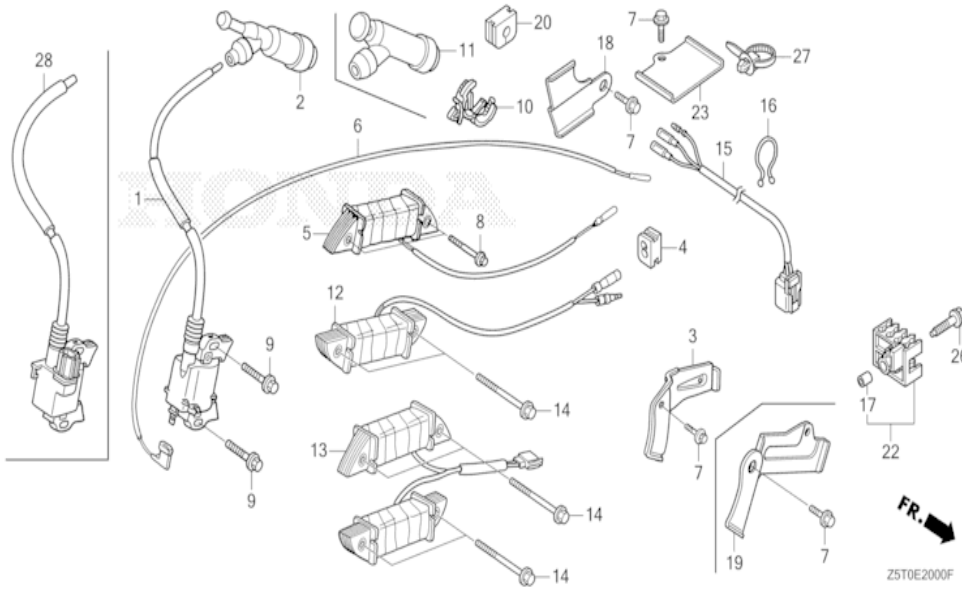
E-2 CYLINDER HEAD



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	12210-Z5T-416	HEAD COMP., CYLINDER	1	
004	12216-ZE2-300	CLIP, VALVE GUIDE	1	
005	12251-Z5T-003	GASKET, CYLINDER HEAD (NIPPON LEAKLESS)	1	
006	12310-ZE2-020	COVER COMP., HEAD	1	
007	12391-ZE2-020	PACKING, HEAD COVER	1	
008	90014-Z5T-000	BOLT, HEAD COVER	1	
009	90042-ZK6-D70	BOLT, STUD, 8X115	2	
010	90441-ZE2-010	WASHER COMP., HEAD COVER	1	
011	92900-080320E	BOLT, STUD, 8X32	2	
012	94301-12200	DOWEL PIN, 12X20	2	
013	15721-Z23-H60	TUBE, BREATHER	1	
014	95701-1008000	BOLT, FLANGE, 10X80	4	
015	98079-55846	PLUG, SPARK (BPR5ES) (NGK)	(1)	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
015	98079-55855	PLUG, SPARK (W16EPR-U) (DENSO)	(1)	
015	98079-55876	PLUG, SPARK (BPR5ES) (NGK)	(1)	
015	98079-56876	PLUG, SPARK (BPR6ES) (NGK)	1	

GX390RT2X(VCT)

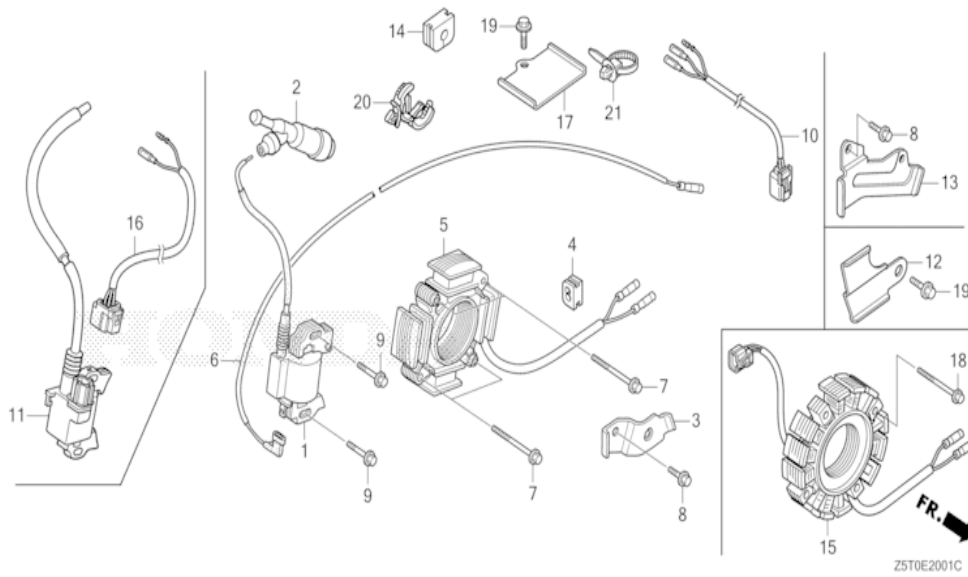
E-20 IGNITION COIL (1)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
016	90630-751-000	CLIP, PURSE LOCK	1	

GX390RT2X(VCT)

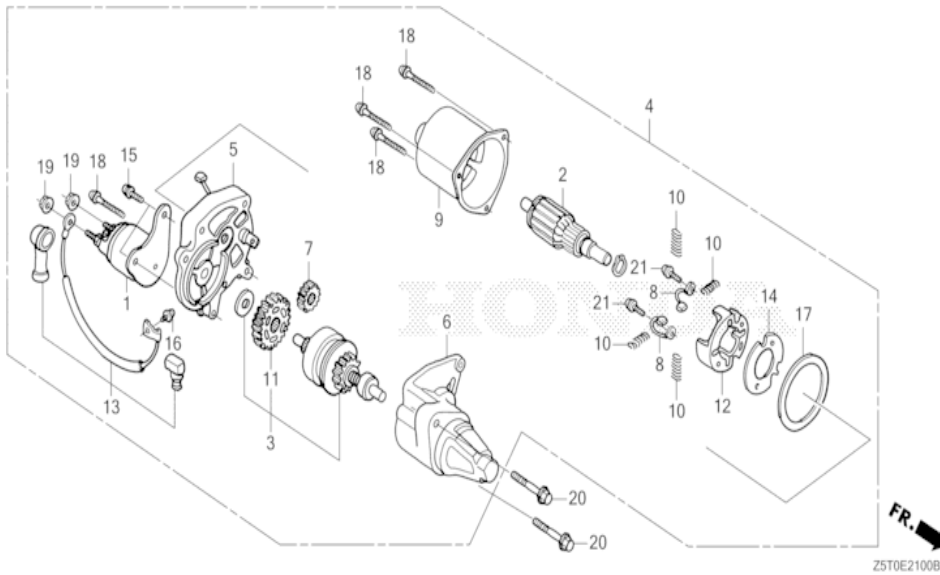
E-20-1 IGNITION COIL (2)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
002	30700-Z1C-813	CAP ASSY., NOISE SUPPRESSOR (NGK Y-EZD)	1	
004	31512-ZE2-000	GROMMET, CORD	1	
009	90015-883-000	BOLT, FLANGE, 6X28 (CT200)	2	
010	32110-Z5K-810	HARNESS ASSY., ENGINE WIRE (SEL)	1	
011	30500-Z5T-003	COIL ASSY., IGNITION	1	
011	30500-Z5T-004	COIL ASSY., IGNITION (IIDA)	1	
011	30500-Z5T-005	COIL ASSY., IGNITION (MAHLE)	1	

GX390RT2X(VCT)

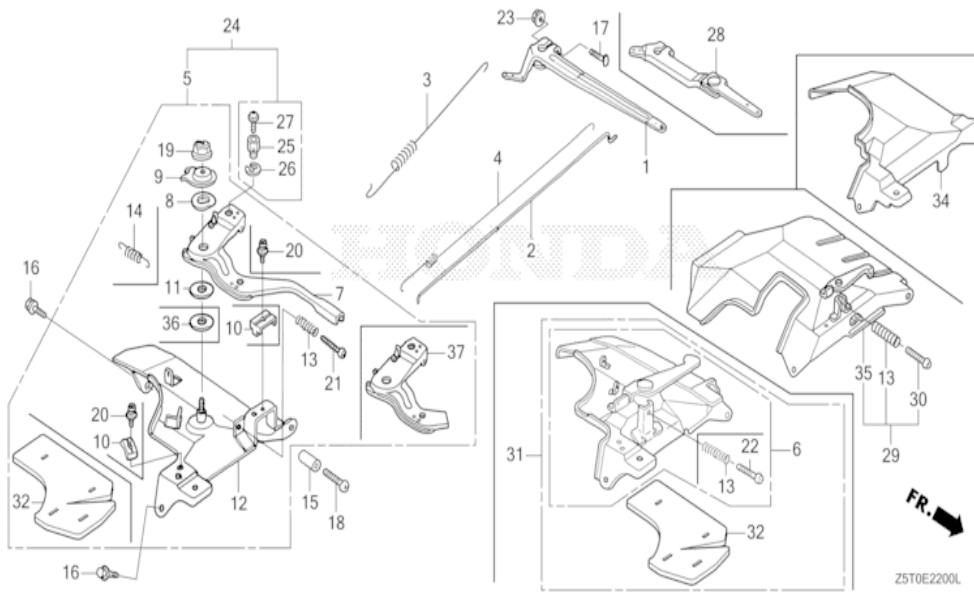
E-21 STARTER MOTOR (1)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	31204-ZA0-003	CONTACTOR ASSY.	1	
002	31206-ZE3-003	ARMATURE COMP.	1	
003	31208-ZE3-003	CLUTCH COMP, OVERRUNNING	1	
004	31210-ZE3-033	MOTOR UNIT, STARTER	1	
005	31211-ZE2-003	BRACKET, CENTER	1	
006	31212-ZE3-003	BRACKET, FR.	1	
007	31213-ZE2-003	GEAR, DRIVE PINION	1	
008	31215-ZE2-003	BRUSH	2	
009	31218-ZE3-003	YOKE COMP.	1	
010	31219-ZE2-003	SPRING, BRUSH RETURN	4	
011	31222-ZE3-791	GEAR, REDUCTION	1	
012	31231-ZE2-003	HOLDER, BRUSH	1	
013	31232-ZE3-003	WIRE, WATER COVER	1	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
014	31233-ZE2-003	INSULATOR	1	
015	90007-ZE2-003	BOLT-WASHER, 5X14	2	
016	90110-ZE2-003	SCREW-WASHER, 4X6	1	
017	91601-ZE2-003	PACKING	1	
018	93892-0503218	SCREW-WASHER, 5X32	4	
019	94070-06080	NUT-WASHER, 6MM	2	
020	95701-0803508	BOLT, FLANGE, 8X35	2	
021	31219-ZE3-003	SCREW-WASHER, 4X14	2	

GX390RT2X(VCT)

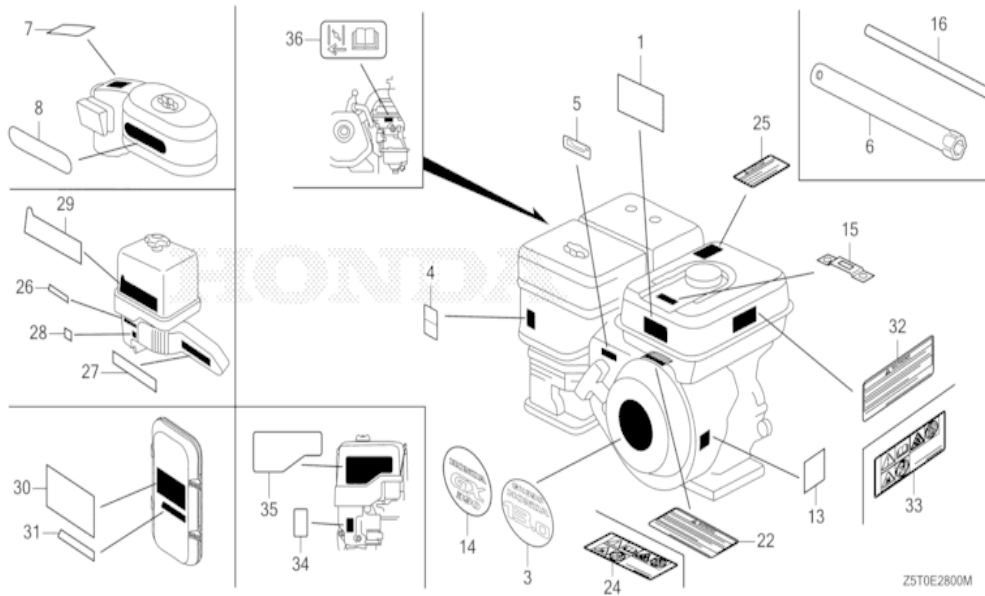
E-22 CONTROL



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
002	16555-ZE3-000	ROD, GOVERNOR	1	
003	16561-ZBH-000	SPRING, GOVERNOR	1	
004	16562-ZE3-700	SPRING, THROTTLE RETURN	1	
006	16500-Z5T-870	CONTROL ASSY.	1	
013	16584-883-300	SPRING, CONTROL ADJUSTING	1	
016	90013-883-000	BOLT, FLANGE, 6X12 (CT200)	2	
017	90015-Z5T-000	BOLT, GOVERNOR ARM	1	
022	93500-050450A	SCREW, PAN, 5X45	1	
023	94050-06000	NUT, FLANGE, 6MM	1	
028	16550-ZE3-700	ARM COMP., GOVERNOR	1	

GX390RT2X(VCT)

E-28 LABEL/TOOL

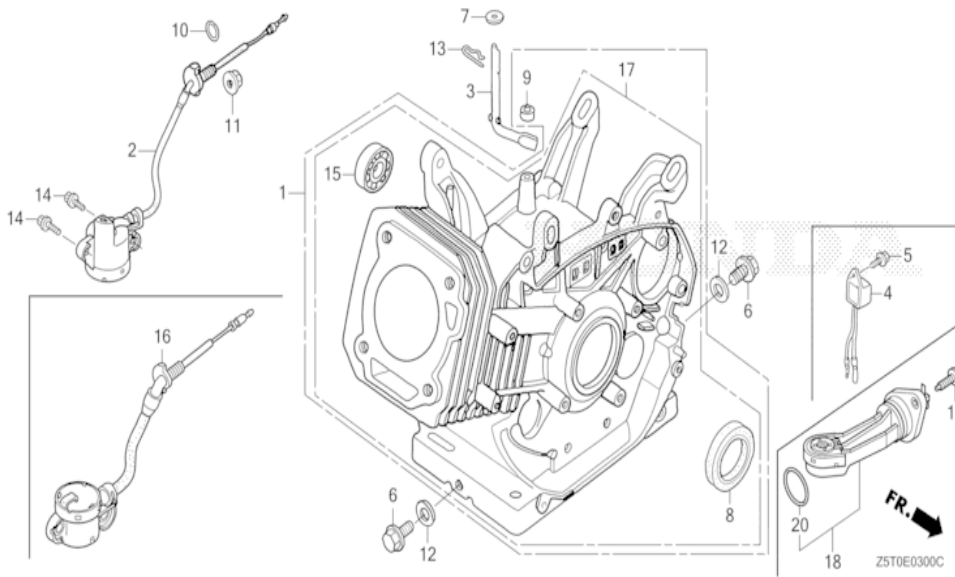


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Ref	Partnumber	Description	GX390RT2X	Serial Numbers
006	89216-ZB4-000	WRENCH, PLUG	1	
013	87594-ZB4-A00	MARK, OIL CAUTION	1	
014	87521-Z5T-000	EMBLEM (HONDA GX390)	1	
022	87516-Z4H-020	MARK, OPERATOR CAUTION (ENGLISH) (MADE I	1	

GX390RT2X(VCT)

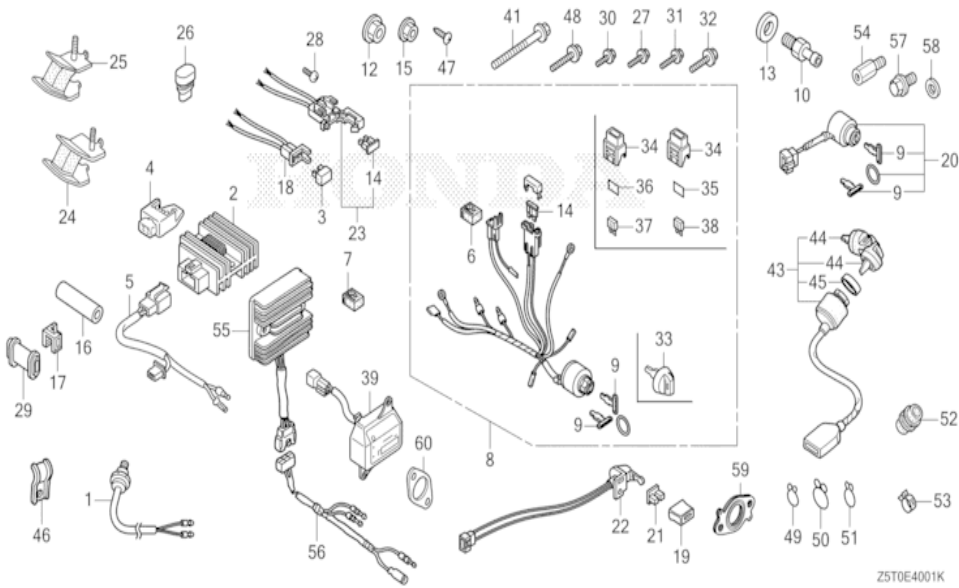
E-3 CYLINDER BARREL



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	12000-Z5T-415	BARREL ASSY., CYLINDER (SELFSTARTER+ALER	1	
003	16541-ZE3-010	SHAFT, GOVERNOR ARM	1	
006	90131-883-000	BOLT, DRAIN PLUG, 12X15	2	
007	90446-KE1-000	WASHER, 8.2X17X0.8	1	
008	91201-Z1C-003	OIL SEAL, 35X52X8 (NOK)	1	
008	91201-Z7E-003	OIL SEAL, 35X52X8	1	
009	91203-952-771	OIL SEAL, 8X14X5	1	
009	91203-Z7E-003	OIL SEAL, 8X14X5	1	
010	91353-671-004	O-RING, 14MM (NOK)	1	
011	94050-10000	NUT, FLANGE, 10MM	1	
012	94109-12000	WASHER, DRAIN PLUG, 12MM	2	
013	94251-10000	PIN, LOCK, 10MM	1	
014	95701-0601200	BOLT, FLANGE, 6X12	2	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
015	91004-KZR-602	BEARING, RADIAL BALL, 6202 (FUJIKOSHI)	1	
015	96100-6202000	BEARING, RADIAL BALL, 6202	1	
016	35480-Z5T-003	SWITCH ASSY., OIL LEVEL	1	

GX390RT2X(VCT)

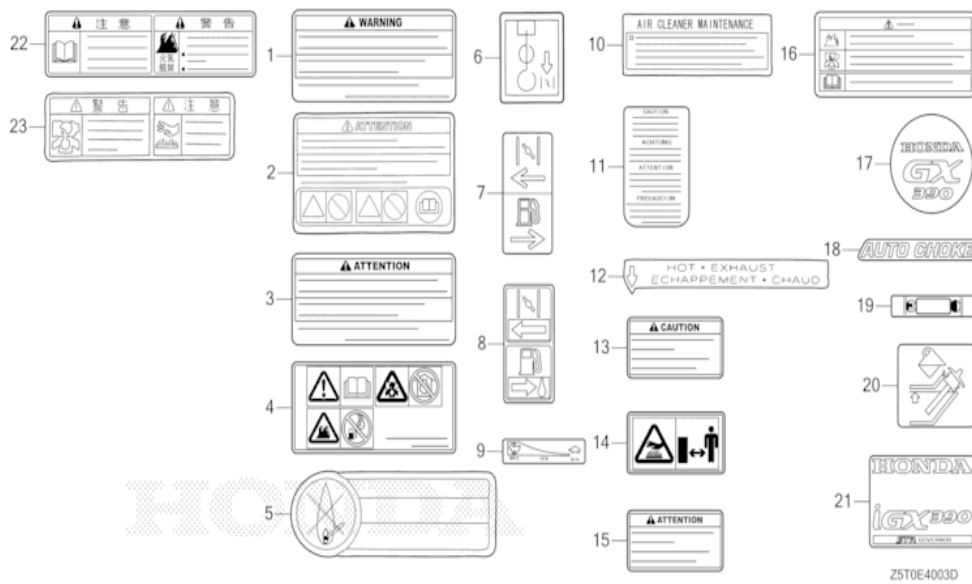
E-40-1 OTHER PARTS (COMBINATION SWITCH)



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
012	94050-08000	NUT, FLANGE, 8MM	2	

GX390RT2X(VCT)

E-40-3 OTHER PARTS (MARK)

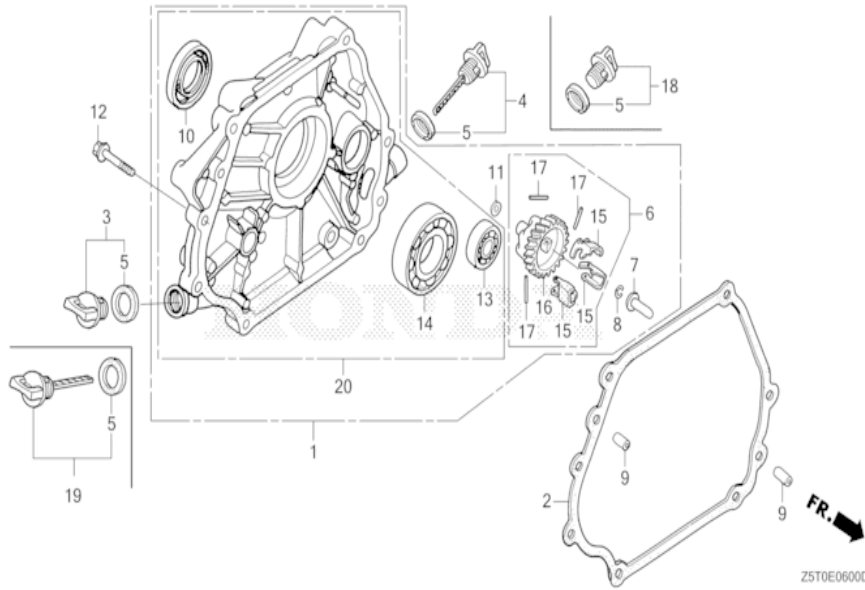


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Ref	Partnumber	Description	GX390RT2X	Serial Numbers
003	87516-Z4H-802	MARK, OPERATOR CAUTION (FRENCH) (MADE IN	1	
004	87519-Z4H-010	MARK, OPERATOR CAUTION (PICTOGRAPH)	1	
005	87522-883-660	MARK, CAUTION (ENGLISH/FRENCH/SPANISH)	1	
006	87528-898-620	MARK, CHOKE	1	
010	87533-ZC0-630	MARK, AIR CLEANER (ENGLISH)	1	
012	87539-898-620	MARK, EX. CAUTION (ENGLISH/FRENCH)	1	

GX390RT2X(VCT)

E-6 CRANKCASE COVER (1)

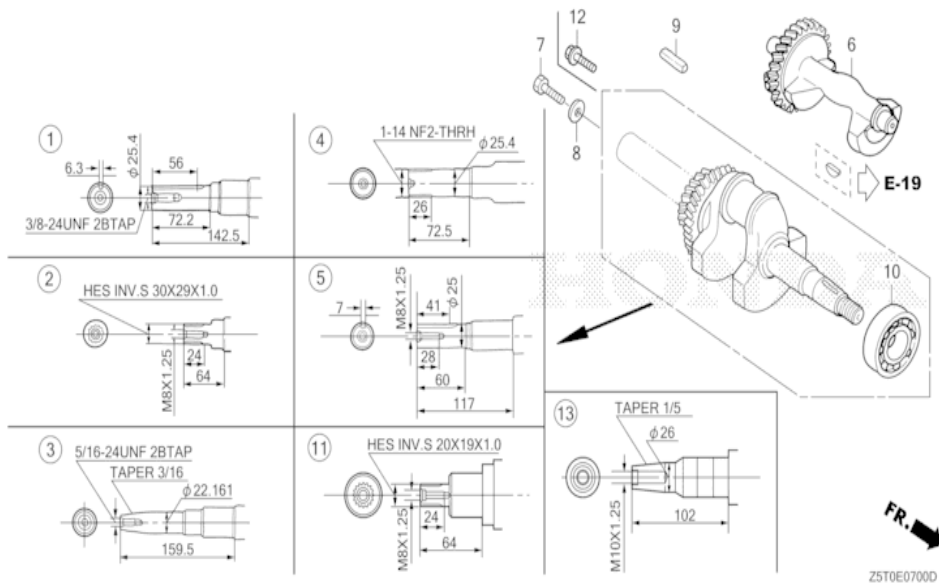


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Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	11300-Z1C-601	COVER ASSY., CRANKCASE	1	
002	11381-Z5T-000	PACKING, CRANKCASE COVER	1	
003	15600-Z0T-820	CAP ASSY., OIL FILLER (BLACK)	1	
004	15600-Z1C-000	CAP ASSY., OIL FILLER	1	
005	15625-Z0T-800	PACKING, OIL FILLER CAP	2	
006	16510-ZE3-000	GOVERNOR ASSY.	1	
007	16531-Z0A-000	SLIDER, GOVERNOR	1	
008	90602-ZE1-000	CLIP, GOVERNOR HOLDER	1	
009	90701-HC4-000	DOWEL PIN, 8X12	2	
010	91201-Z1C-003	OIL SEAL, 35X52X8 (NOK)	1	
011	94101-06800	WASHER, PLAIN, 6MM	1	
012	95701-0804000	BOLT, FLANGE, 8X40	7	
013	96100-6202000	BEARING, RADIAL BALL, 6202	1	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
014	96100-6207000	BEARING, RADIAL BALL, 6207	1	
015	16511-ZE8-000	WEIGHT, GOVERNOR	3	
016	16512-ZE3-000	HOLDER, GOVERNOR WEIGHT	1	
017	16513-ZE2-000	PIN, GOVERNOR WEIGHT	3	

GX390RT2X(VCT)

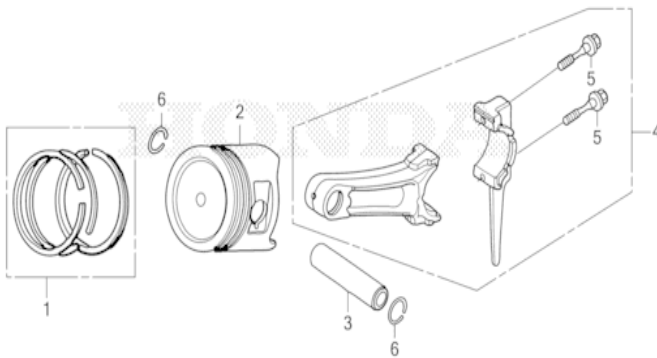
E-7 CRANKSHAFT



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
003	13310-ZF6-W42	CRANKSHAFT COMP.	1	
006	13351-Z1C-900	WEIGHT, BALANCER	1	
010	91001-ZF6-013	BEARING, RADIAL BALL, 6207SH	1	

GX390RT2X(VCT)

E-8 PISTON

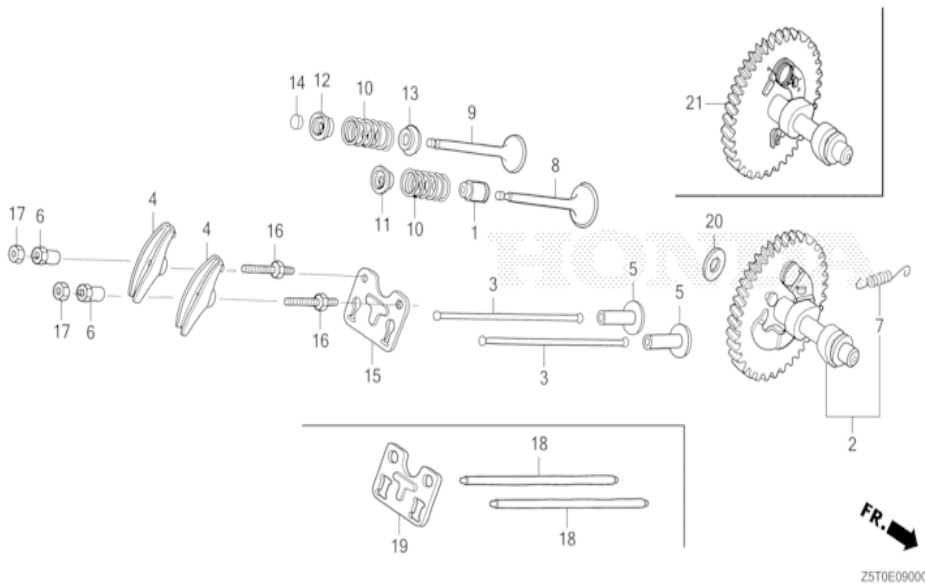


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Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	13010-Z5R-004	RING SET, PISTON (STD.) (TEIKOKU)	1	
001	13010-Z5T-003	RING SET, PISTON (STD.) (RIKEN)	1	
002	13101-Z1C-900	PISTON (STD.)	1	
003	13111-Z5T-000	PIN, PISTON	1	
004	13200-Z1C-900	ROD ASSY., CONNECTING (STD.)	1	
005	90001-ZE8-000	BOLT, CONNECTING ROD	2	
006	90601-ZE3-000	CLIP, PISTON PIN, 20MM	2	

GX390RT2X(VCT)

E-9 CAMSHAFT



Ref	Partnumber	Description	GX390RT2X	Serial Numbers
001	12209-ZE8-003	SEAL, VALVE STEM	1	
003	14410-Z1C-000	ROD, PUSH	2	
004	14431-ZE2-010	ARM, VALVE ROCKER	2	
005	14441-ZE2-000	LIFTER, VALVE	2	
006	14451-Z4M-000	PIVOT, ROCKER ARM	2	
008	14711-Z5T-900	VALVE, IN.	1	
009	14721-Z5T-900	VALVE, EX.	1	
010	14751-Z1C-000	SPRING, VALVE	2	
011	14771-Z8S-000	RETAINER, IN. VALVE SPRING	1	
012	14771-Z8S-000	RETAINER, IN. VALVE SPRING	1	
013	14775-ZE2-010	SEAT, VALVE SPRING	1	
015	14791-Z1D-000	GUIDE, PUSH ROD	1	
016	90012-ZE0-010	BOLT, PIVOT, 8MM	2	
Ref	Partnumber	Description	GX390RT2X	Serial Numbers
017	90206-ZE1-000	NUT, PIVOT ADJUSTING	2	
021	14100-Z5T-911	CAMSHAFT COMP. (STD.)	1	