



ETON America

PARTS CATALOG

Vector 250

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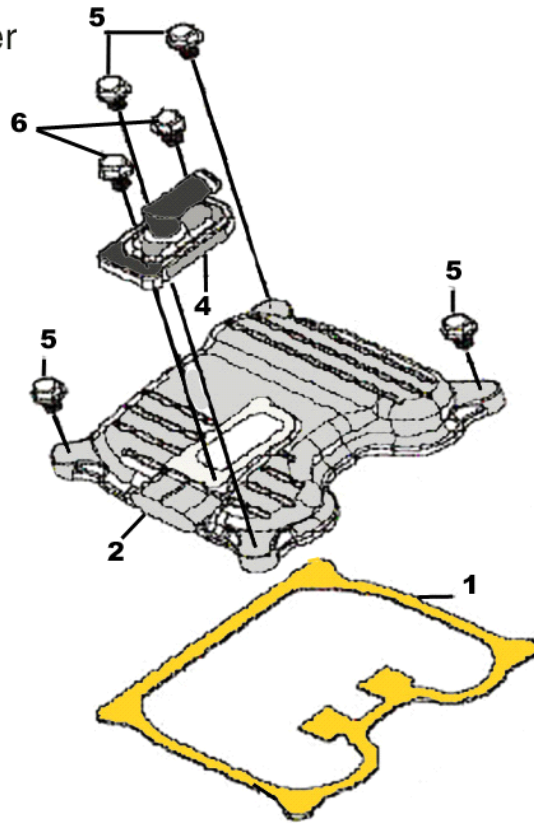
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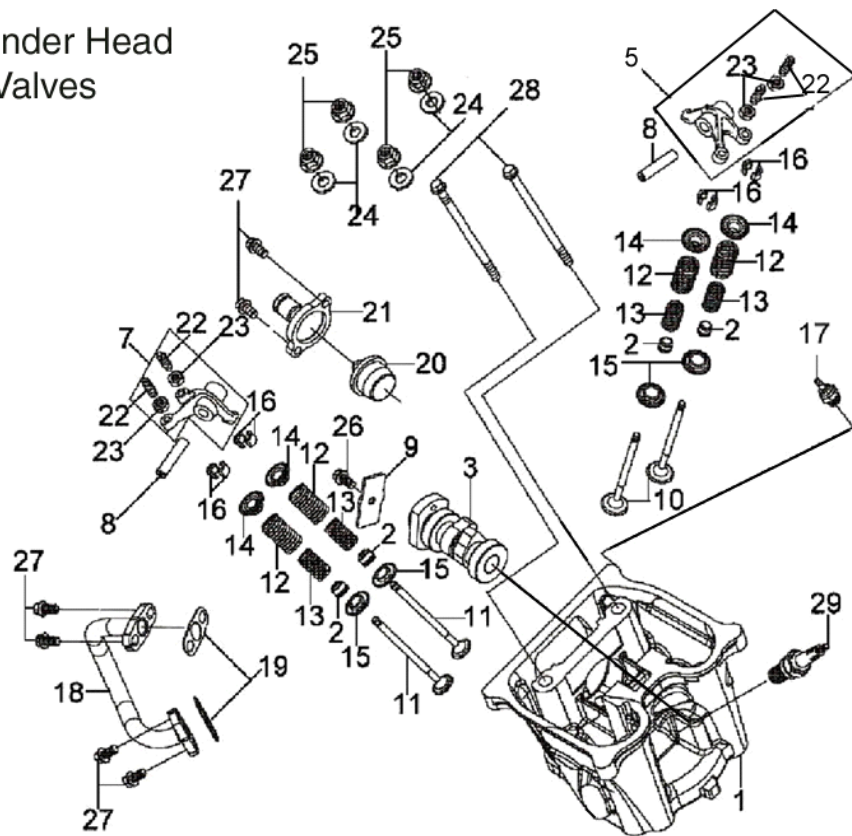
01. Rocker Arm Cover



VT01_06

Fig Ref	Item No.	Description	Qty Req
1-1	811838	Head Cover Gasket	1
1-2	811571	Cylinder Head Cover	1
1-4	811895	PCV Valve	1
1-5	812137	Head Cover Bolt (M6x27)	4
1-6	812216	Flange Bolt (M6x16)	2

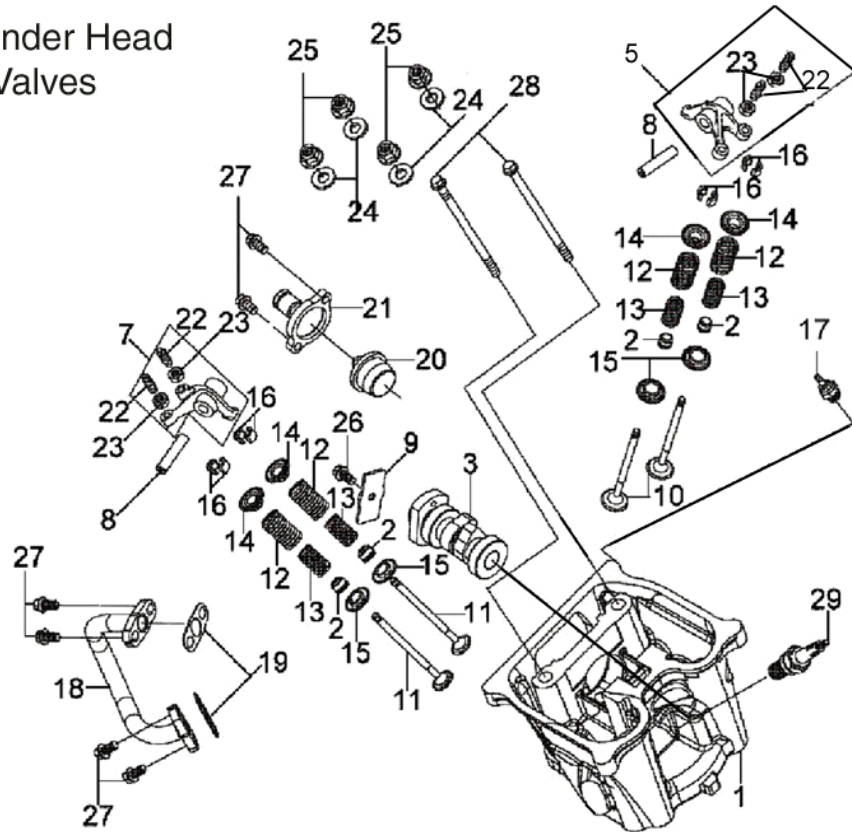
02. Cylinder Head & Valves



VT02_06

Fig Ref	Item No.	Description	Qty Req
2-1	811832	Cylinder Head	1
2-2	811833	Valve Stem Seal	4
2-3	811846	Cam Shaft	1
2-5	811853	Rocker Arm Valve Assy. (In)	1
2-7	811855	Rocker Arm Valve Assy. (Ex)	1
2-8	811856	Rocker Arm Shaft	2
2-9	811857	Cam Shaft Setting Plate	1
2-10	811866	Intake Valve	2
2-11	811867	Exhaust Valve	2
2-12	811868	Outer Valve Spring	4
2-13	811869	Inner Valve Spring	4
2-14	811870	Valve Spring Retainer	4
2-15	811871	Valve Spring Seat	4
2-16	811872	Valve Spring Retainer Clip	8
2-17	812000	Thermo Unit Assembly	1
2-18	811896	Air Pipe	1
2-19	811897	Air Pipe Gasket	2
2-20	811915	Thermostat	1
2-21	811916	Thermostat Cover	1
2-22	812138	Tappet Adjusting Screw	4
2-23	812148	Adjusting Nut (M5x7)	4
2-24	812152	Flat Washer (M10.5x20x2)	4
2-25	812189	Flange Nut (M10x18)	4
2-26	812214	Bolt (M6x14)	1
2-27	812215	Flange Bolt (M6x16)	6
2-28	812225	Flange Bolt (M6x90)	2

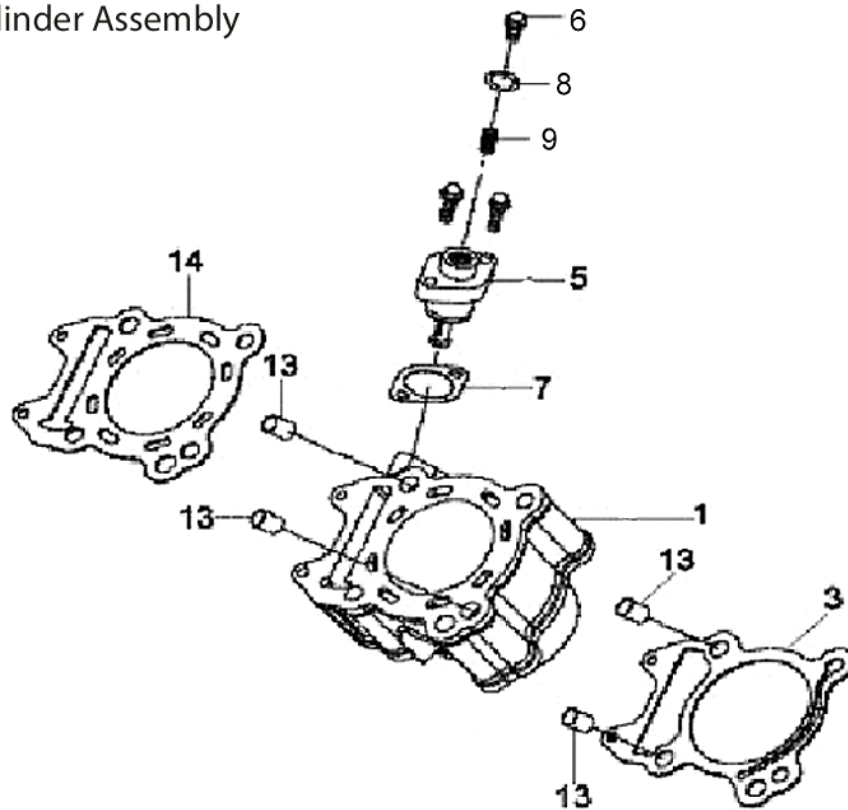
02. Cylinder Head & Valves



VT02_06

Fig Ref	Item No.	Description	Qty Req
2-29	811799	Spark Plug (CR8E)	1

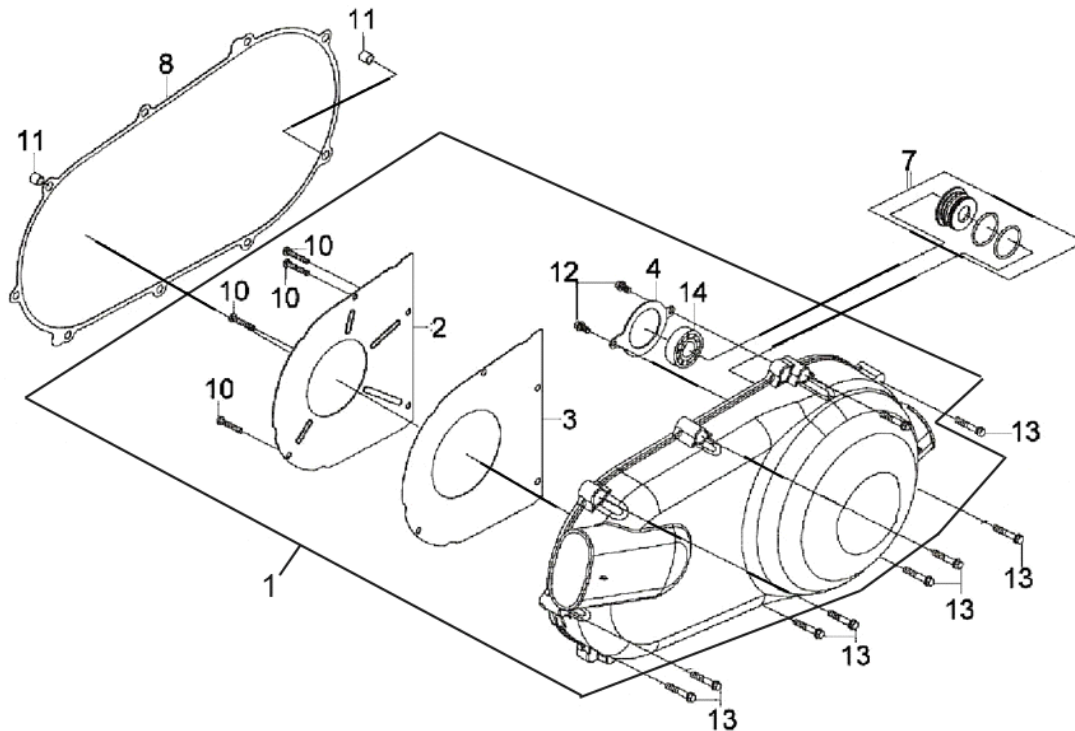
03. Cylinder Assembly



VT03_06

Fig Ref	Item No.	Description	Qty Req
3-1	811829	Cylinder (250cc)	1
3-3	811831	Cylinder Base Gasket	1
3-5	811859	Tensioner Lifter Assembly	1
3-6	811860	Flange Bolt (M8x10)	1
3-7	811861	Tensioner Lifter Gasket	1
3-8	811862	O-Ring	1
3-9	811863	Adjuster Spring	1
3-13	812195	Dowel Pin	4
3-14	811834	Cylinder Head Gasket	1

04. C.V.T. Cover



VT04_06

Fig Ref	Item No.	Description	Qty Req
4-1	811824	Crankcase Cover Assembly (LH)	1
4-2	811819	Crankcase Cover Plate (LH)	1
4-3	811820	Crankcase Cover Plate Gasket	1
4-4	811821	Setting Plate	1
4-7	811826	Bearing Collar Assembly	1
4-8	811828	Crankcase Cover Gasket (LH)	1
4-10	812181	Pan Head Bolt (M5x12)	4
4-11	800109	Dowel Pin (8x14)	2
4-12	812213	Flange Bolt (M6x12)	2
4-13	812220	Flange Bolt (M6x35)	9
4-14	812232	Radial Ball Bearing (6006LU)	1

05. Crankcase (LH)

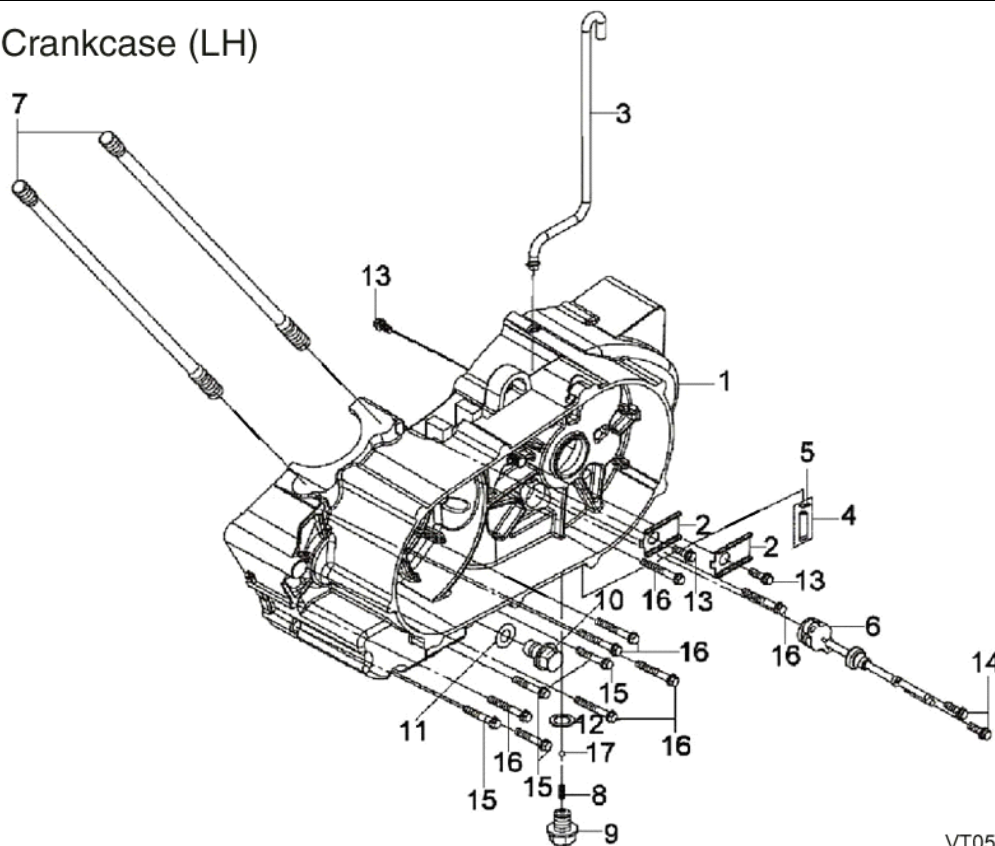
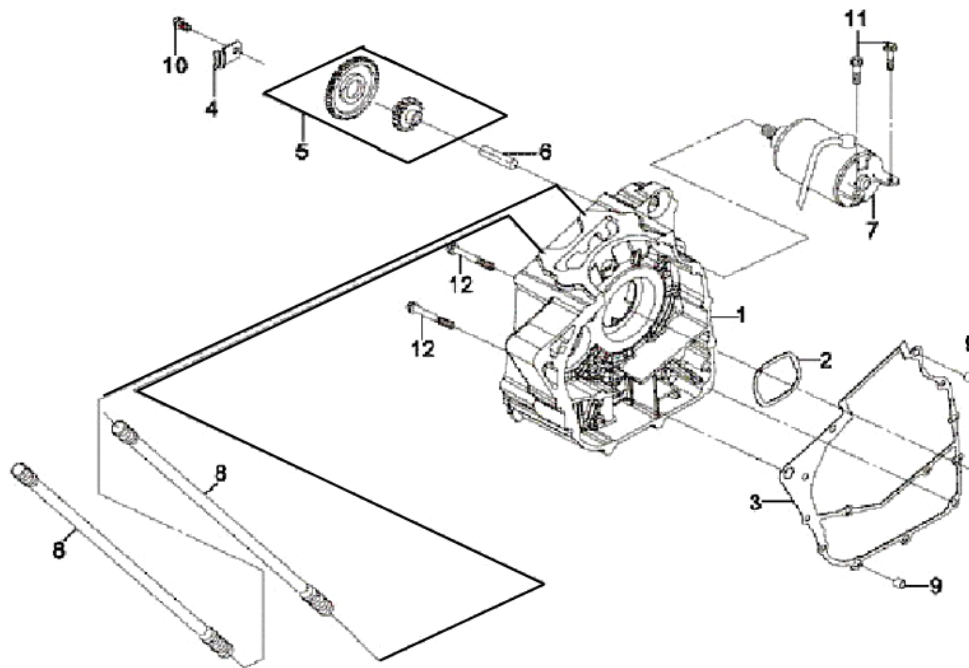


Fig Ref	Item No.	Description	Qty Req
5-1	811811	Crankcase - LH (250cc)	1
5-2	811813	Setting Plate	2
5-3	811814	Breather Tube	1
5-4	811815	Drain Tube Assembly	1
5-5	811879	Tube Clip	1
5-6	811988	Safety Neutral Switch	1
5-7	812140	Stud Bolt B (M10x200)	2
5-8	812141	Fixed Catch Spring	1
5-9	812142	Bolt (M14x20)	1
5-10	812175	Drain Plug Bolt (M12x15)	1
5-11	812192	Flat Washer (M12x16x2)	1
5-12	812193	Flat Washer (M14x18x2)	1
5-13	812213	Flange Bolt (M6x12)	3
5-14	812217	Flange Bolt (M6x18)	2
5-15	812222	Flange Bolt (M6x50)	4
5-16	812224	Flange Bolt (M6x70)	7
5-17	812234	Steel Ball 12	1

06. Crankcase (RH) & Starter Motor



VT06_06

Fig Ref	Item No.	Description	Qty Req
6-1	811808	Crankcase - RH (250cc)	1
6-2	811809	Wave Washer (M55x70)	1
6-3	811810	Crankcase Gasket	1
6-4	811850	Cam Chain Setting Plate	1
6-5	811959	Starter Reduction Gear	1
6-6	811960	Starter Reduction Gear Shaft	1
6-7	811969	Starter Motor	1
6-8	812139	Stud Bolt A (M10x230)	2
6-9	800109	Dowel Pin (8x14)	2
6-10	812212	Flange Bolt (M6x10)	1
6-11	812218	Flange Bolt (M6x22)	2
6-12	812223	Flange Bolt (M6x55)	2

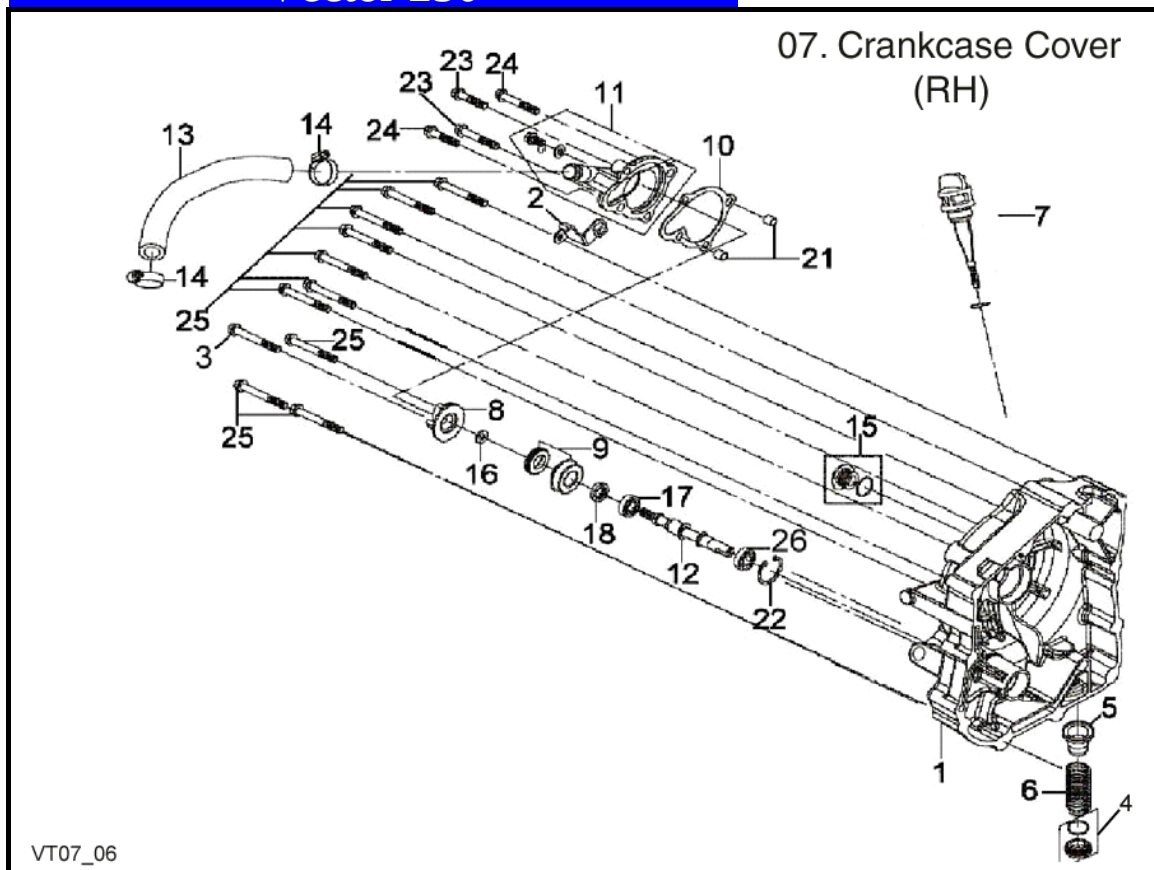
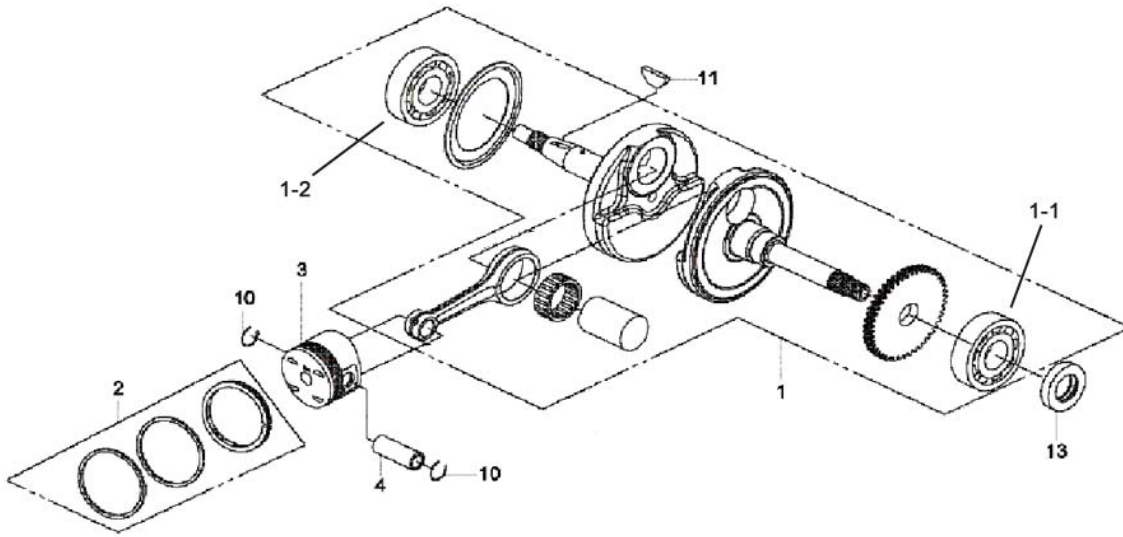


Fig Ref	Item No.	Description	Qty Req
7-1	811816	Crankcase Cover (RH)	1
7-2	811817	Inner Cover Stay B	1
7-3	812224	Flange Bolt (M6x70)	1
7-4	811837	Oil Filter Screen Cap Assy.	1
7-5	811876	Oil Filter Screen	1
7-6	811877	Oil Filter Spring	1
7-7	811878	Oil Level Gauge Assembly	1
7-8	811910	Water Pump Impeller	1
7-9	811911	Water Pump Seal	1
7-10	811912	Water Pump Gasket	1
7-11	811913	Water Pump Cover	1
7-12	811914	Water Pump Shaft	1
7-13	811919	Water Hose	1
7-14	811920	Water Hose Clamp	2
7-15	812144	Cap Assy. 14mm	1
7-16	812151	Flat Washer (M7x11x1)	1
7-17	812157	** USE 811775	1
7-18	812167	Oil Seal (12x20x5)	1
7-21	800109	Dowel Pin (8x14)	2
7-22	812198	Circle Clip	1
7-23	812218	Flange Bolt (M6x22)	2
7-24	812219	Flange Bolt (M6x32)	2
7-25	812221	Flange Bolt (M6x45)	10
7-26	812226	Radial Ball Bearing (6000)	1

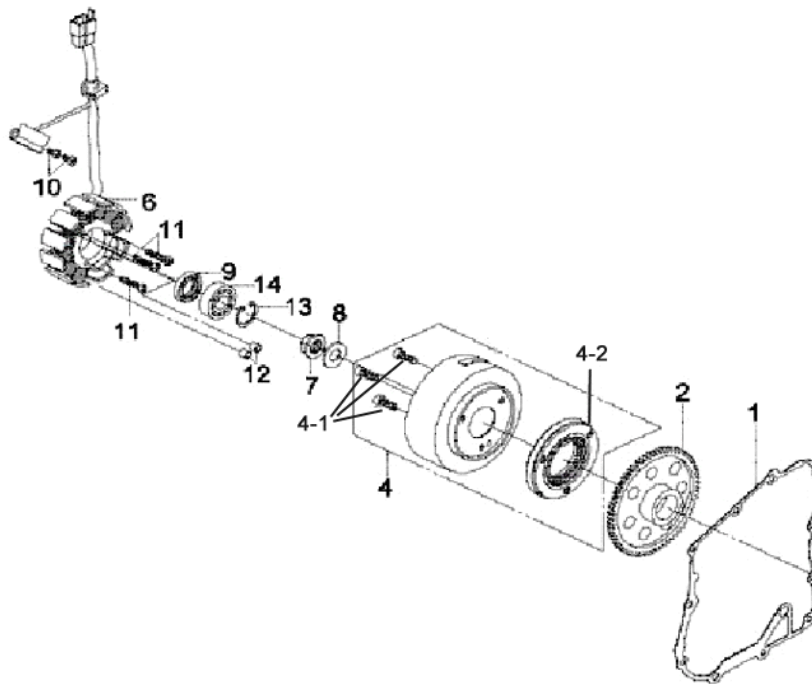
09. Crank Shaft & Piston



VT09_06

Fig Ref	Item No.	Description	Qty Req
9-1	811839	Crankshaft	1
9-1-1	812156	Radial Ball Bearing (TM6306)	1
9-1-2	812228	Radial Ball Bearing (6207)	1
9-2	811840	Piston Ring Set	1
9-3	811841	Piston 250cc	1
9-4	811842	Piston Pin	1
9-10	812154	Circle-Clip (Pair)	2
9-11	812155	Woodruff Key	1
9-13	812160	** USE 700294	1

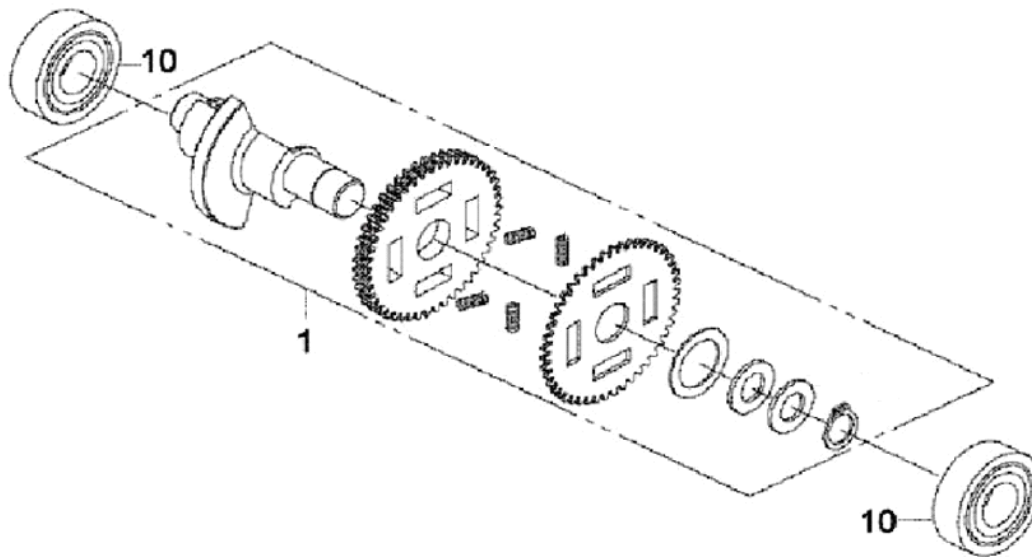
10. A/C Generator and Flywheel Assembly



VT10_06

Fig Ref	Item No.	Description	Qty Req
10-1	811827	Crankcase Cover Gasket (RH)	1
10-2	811961	Starting Clutch Gear	1
10-4	811966	Flywheel Set	1
10-4-1	812235	Allen Bolt (M8x20)	3
10-4-2	811962	One Way Clutch	1
10-6	811968	AC Generator Stator	1
10-7	812147	Flange Nut (M14x25)	1
10-8	812150	Washer (M14x28x2)	1
10-9	812163	Oil Seal (12x22x5)	1
10-10	812182	Pan Head Bolt (M5x16)	2
10-11	811079	Pan Head Bolt (M6x40)	3
10-12	800109	Dowel Pin (8x14)	2
10-13	700311	Circle-Clip	1
10-14	750391	Bearing (6201LU)	1

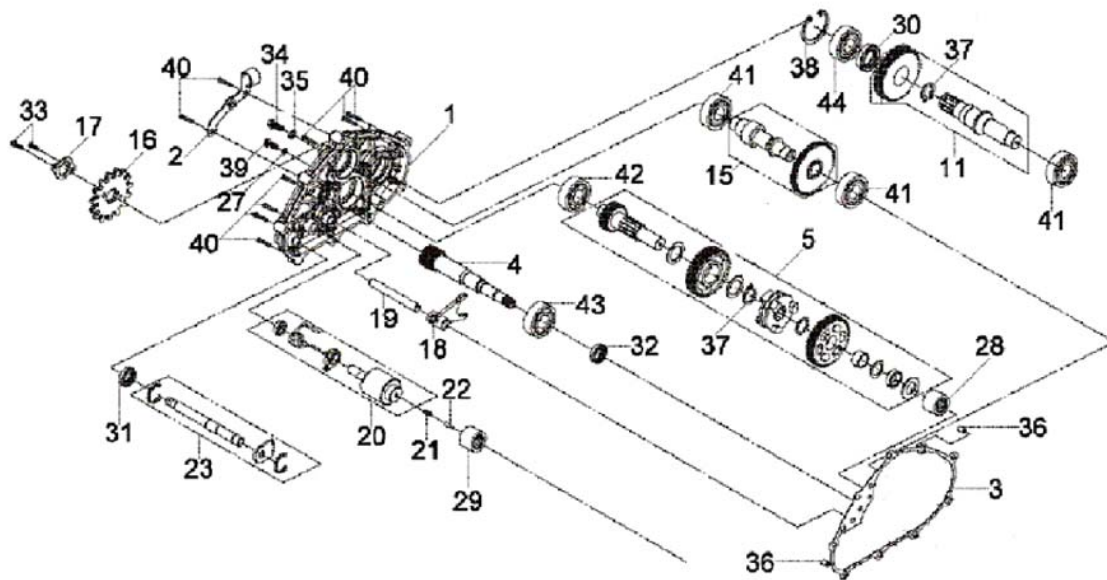
11. Balance Shaft



VT11_06

Fig Ref	Item No.	Description	Qty Req
11-1	811843	Balance Shaft Assembly	1
11-10	650111	Radial Ball Bearing (6204)	2

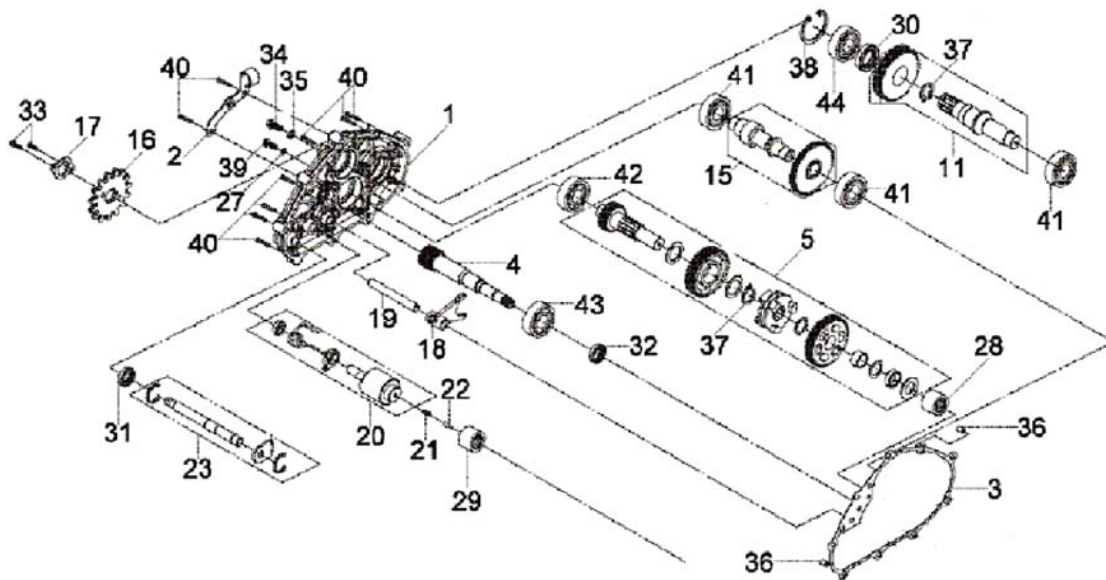
12. Transmission



VT12_06

Fig Ref	Item No.	Description	Qty Req
12-1	811923	Transmission Case	1
12-2	811924	Cable Clamp	1
12-3	811925	Transmission Case Gasket	1
12-4	811938	Drive Shaft	1
12-5	811939	Gear Shift Shaft	1
12-11	811940	Final Shaft	1
12-15	811941	Reverse Shaft	1
12-16	811942	Drive Sprocket (520x15T)	1
12-16	812329	Drive Sprocket (520x14T)	1
12-17	811943	Drive Sprocket Retaining Plate	1
12-18	811944	Shift Fork	1
12-19	811945	Shift Fork Guide Shaft	1
12-20	811946	Shift Drum	1
12-21	811947	Gear Indication Spring	1
12-22	811948	Gear Indication Drill	1
12-23	811949	Gear Shift Spindle	1
12-27	812153	Flat Washer (M8x15x2)	1
12-28	812158	Needle Bearing (HK2016)	1
12-29	812159	Needle Bearing (25x29x10)	1
12-30	812162	Oil Seal (30x46x7)	1
12-31	812165	Oil Seal (14x26x6)	1
12-32	812166	Oil Seal (25x40x7)	1
12-33	812297	Bolt (M6x10)	2
12-34	812175	Drain Plug Bolt (M12x15)	1
12-35	812192	Flat Washer (M12x16x2)	1
12-36	650158	Dowel Pin (M10x14)	2

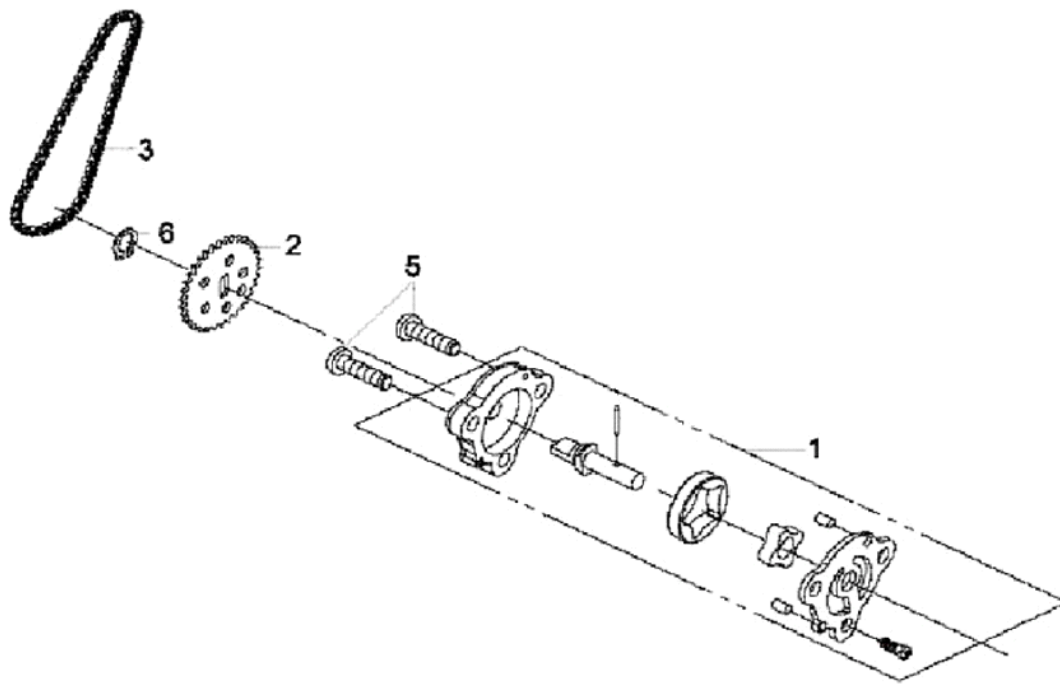
12. Transmission



VT12_06

Fig Ref	Item No.	Description	Qty Req
12-37	800282	Circle-Clip (25mm)	2
12-38	800283	Circle-Clip (52mm)	1
12-39	812203	Flange Bolt (M8x12)	1
12-40	650803	Flange Bolt (M8 X 40)	9
12-41	650111	Radial Ball Bearing (6204)	3
12-42	812229	Radial Ball Bearing (6304)	1
12-43	812230	Radial Ball Bearing (6305)	1
12-44	812233	** USE 800280	1

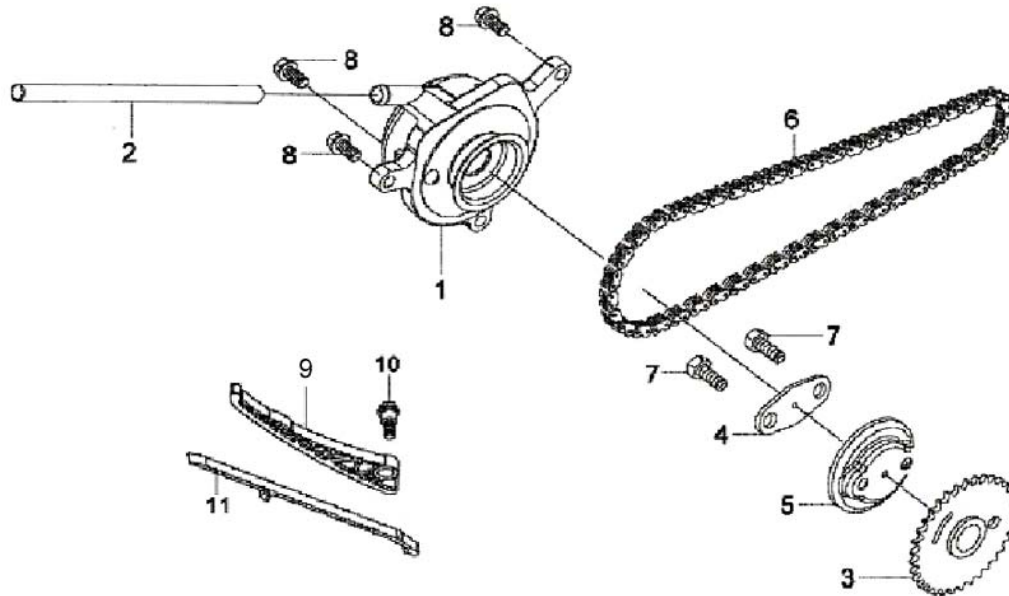
13. Oil Pump Assembly



VT13_06

Fig Ref	Item No.	Description	Qty Req
13-1	811873	Oil Pump (250cc)	1
13-2	811874	Oil Pump Drive Sprocket	1
13-3	811875	Oil Pump Chain (48L)	1
13-5	812183	Pan Head Bolt (M6x25)	2
13-6	812196	Circle Clip	1

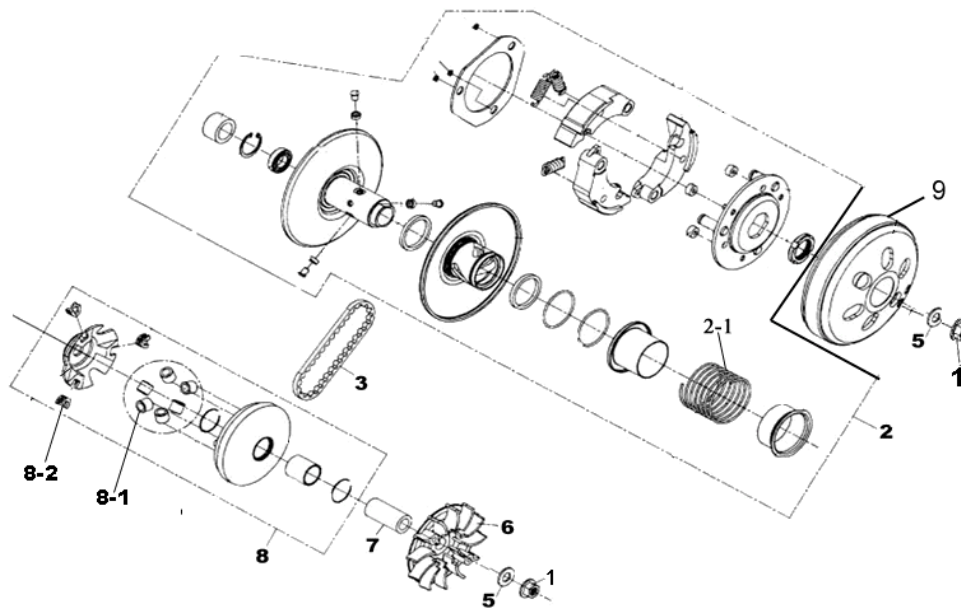
14. Cam Shaft Chain and Cover



VT14_06

Fig Ref	Item No.	Description	Qty Req
14-1	811835	Cam Access Cover	1
14-2	811836	Breather Tube	1
14-3	811847	Cam Sprocket	1
14-4	811848	Cam Sprocket Retainer	1
14-5	811849	Centrifugal Disk	1
14-6	811851	Cam Chain (100L)	1
14-7	812143	Lock Bolt (M6x12)	2
14-8	812217	Flange Bolt (M6x18)	3
14-9	811858	Cam Chain Tensioner	1
14-10	811864	Cam Chain Tensioner Pivot	1
14-11	811865	Cam Chain Guide	1

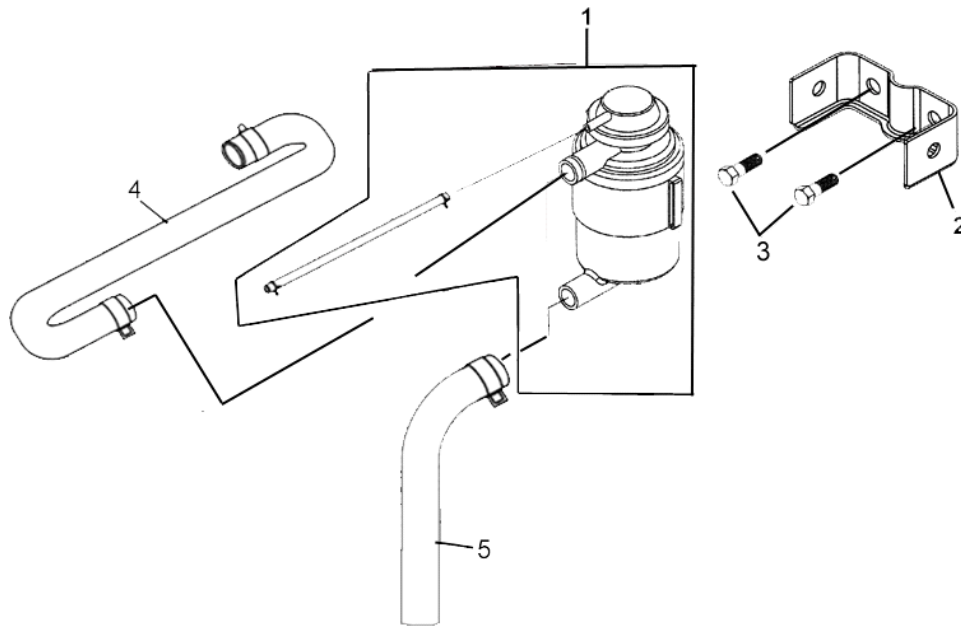
15. C.V.T. Drive Assembly



VT15_06

Fig Ref	Item No.	Description	Qty Req
15-1	812147	Flange Nut (M14x25)	2
15-2	811935	Driven Pulley	1
15-2-1	811937	Drive Face Spring	1
15-3	811936	Drive Belt	1
15-5	812150	Washer (M14x28x2)	2
15-6	811928	Drive Face	1
15-7	811929	Drive Face Boss	1
15-8	811926	Movable Drive Face Assy.	1
15-8-1	811931	Clutch Rollers 18g (Set 6)	1
15-8-2	811933	Slide Retainer Clips (Set 3)	1
15-9	811927	Outer Clutch	1

16. Fuel Vapor Recovery System



VT16_06

Fig Ref	Item No.	Description	Qty Req
16-1	811898	AICV Assembly	1
16-2	811885	AICV Bracket	1
16-3	650271	Flange Bolt (M6 X 12)	2
16-4	812431	AICV Reed Valve Joint Tube	1
16-5	812432	AICV Joint Tube	1

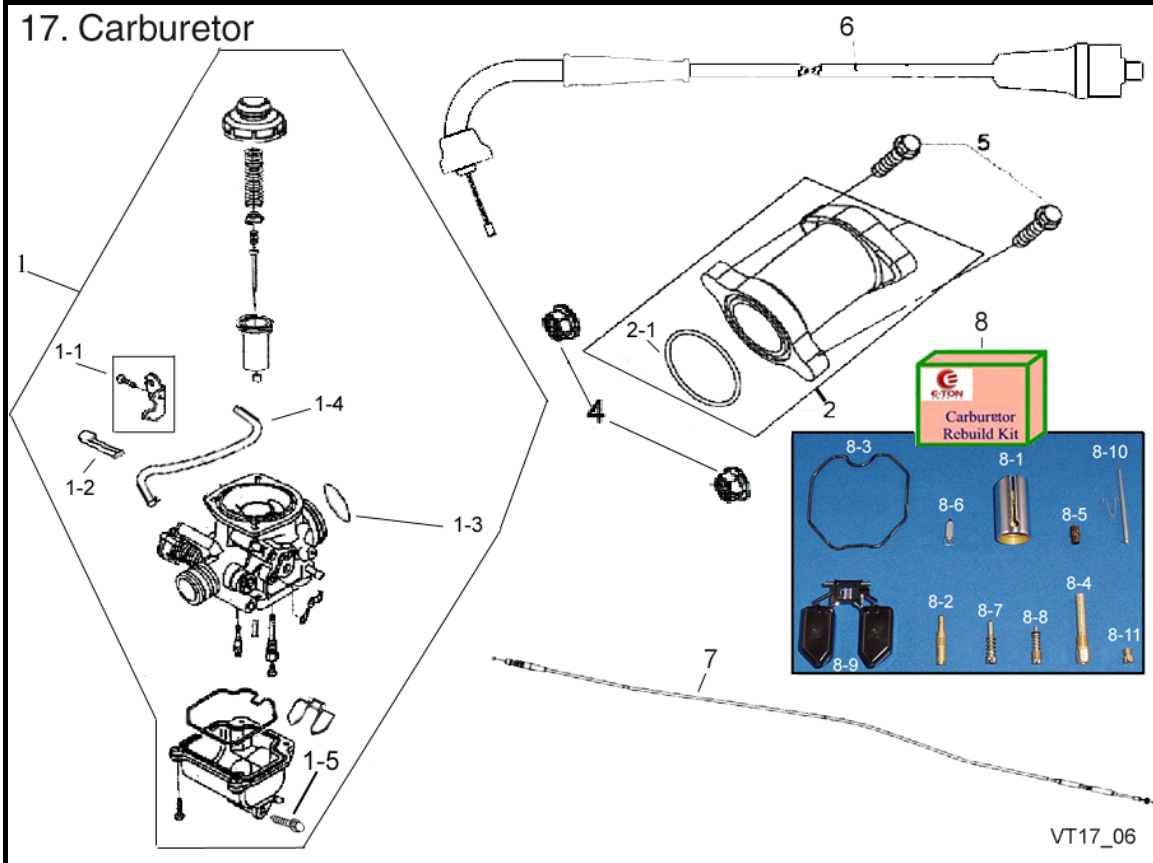
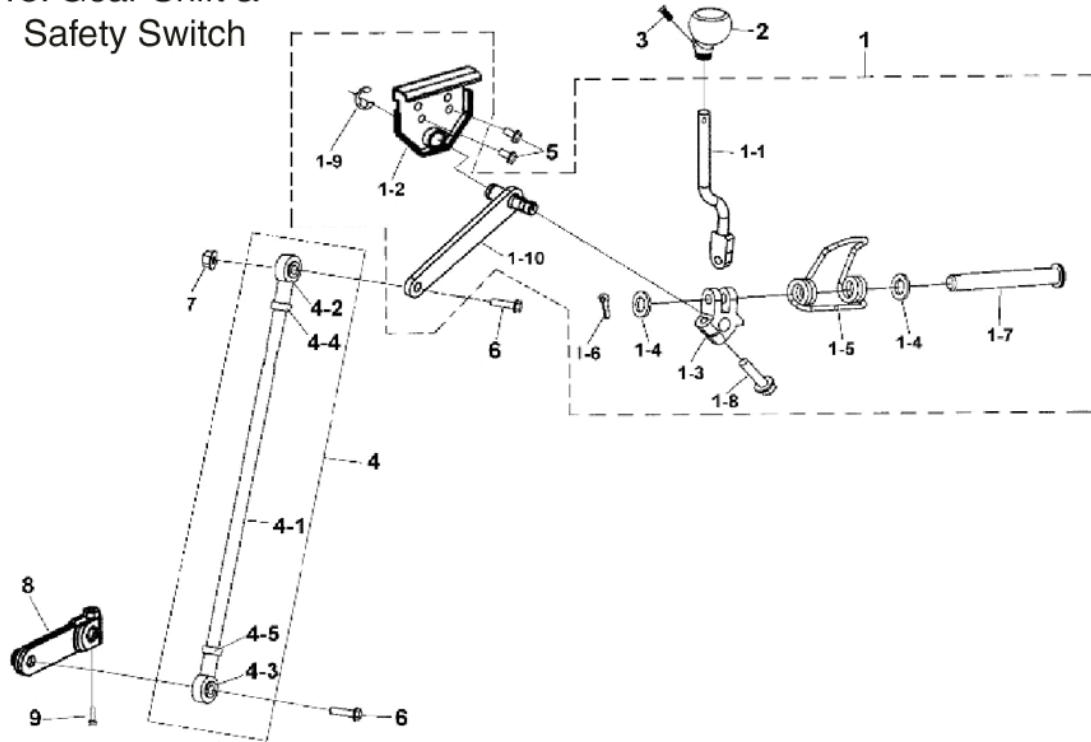


Fig Ref	Item No.	Description	Qty Req
17-1	811880	Carburetor 250cc	1
17-1-1	812376	Throttle Cable Stay	1
17-1-2	812333	Choke Lever	1
17-1-3	812386	O-Ring	1
17-1-4	812382	Fuel Tube	1
17-1-5	812440	Carburetor Drain Bolt	1
17-2	811883	Inlet Pipe Assembly	1
17-2-1	812171	O-Ring (34x2)	1
17-4	812188	Flange Nut (M6x11)	2
17-5	812218	Flange Bolt (M6x22)	2
17-6	811891	Throttle Cable	1
17-7	811892	Manual Choke Cable	1
17-8	812387	Carburetor Kit (250cc)	1
17-8-1	812378	Throttle Valve	1
17-8-2	812331	Pilot Jet #35	1
17-8-3	812385	Carburetor Bowl Gasket	1
17-8-4	812380	Main Jet Atomizer	1
17-8-5	812383	Needle Guide	1
17-8-6	812379	Carburetor Float Needle	1
17-8-7	812381	Throttle Adjustment Screw	1
17-8-8	812377	Air Adjustment Screw	1
17-8-9	812384	Carburetor Float	1
17-8-10	812412	Carburetor Slide Needle	1
17-8-11	812411	Main Jet #110	1

18. Gear Shift & Safety Switch



VT18_06

Fig Ref	Item No.	Description	Qty Req
18-1	811958	Shift Lever Assembly	1
18-1-1	811953	Shift Rod	1
18-1-2	811951	Catch Support Plate	1
18-1-3	800315	Shift Lever Bracket	1
18-1-4	800316	Flat Washer (M10x13x1)	2
18-1-5	811955	Shift Rod Spring	1
18-1-6	800318	Cotter Pin	2
18-1-7	800319	Shift Rod Spring Pin	1
18-1-8	800339	Flange Bolt SH (M6x25)	1
18-1-9	811492	Circle E Clip	1
18-1-10	811956	Shift Transitioning Link	1
18-2	811954	Shift Lever Handle	1
18-3	812184	Pan Head Bolt (M5x11)	1
18-4	811957	Shift Linkage Rod	1
18-4-1	812177	Stud Bolt (M8x305)	1
18-4-2	812199	Linkage Rod Ends (RH)	1
18-4-3	812200	Linkage Rod Ends (LH)	1
18-4-4	812186	Hex Nut (RH) (M8x11)	1
18-4-5	812187	Hex Nut (LH) (M8x11)	1
18-5	650294	Flange Bolt (M8 X 16)	2
18-6	812236	Allen Bolt (M8x30)	2
18-7	650279	Locking Flange Nut (M8x18)	1
18-8	811950	Gear Shift Arm	1
18-9	800505	Flange Bolt (M6x35)	1

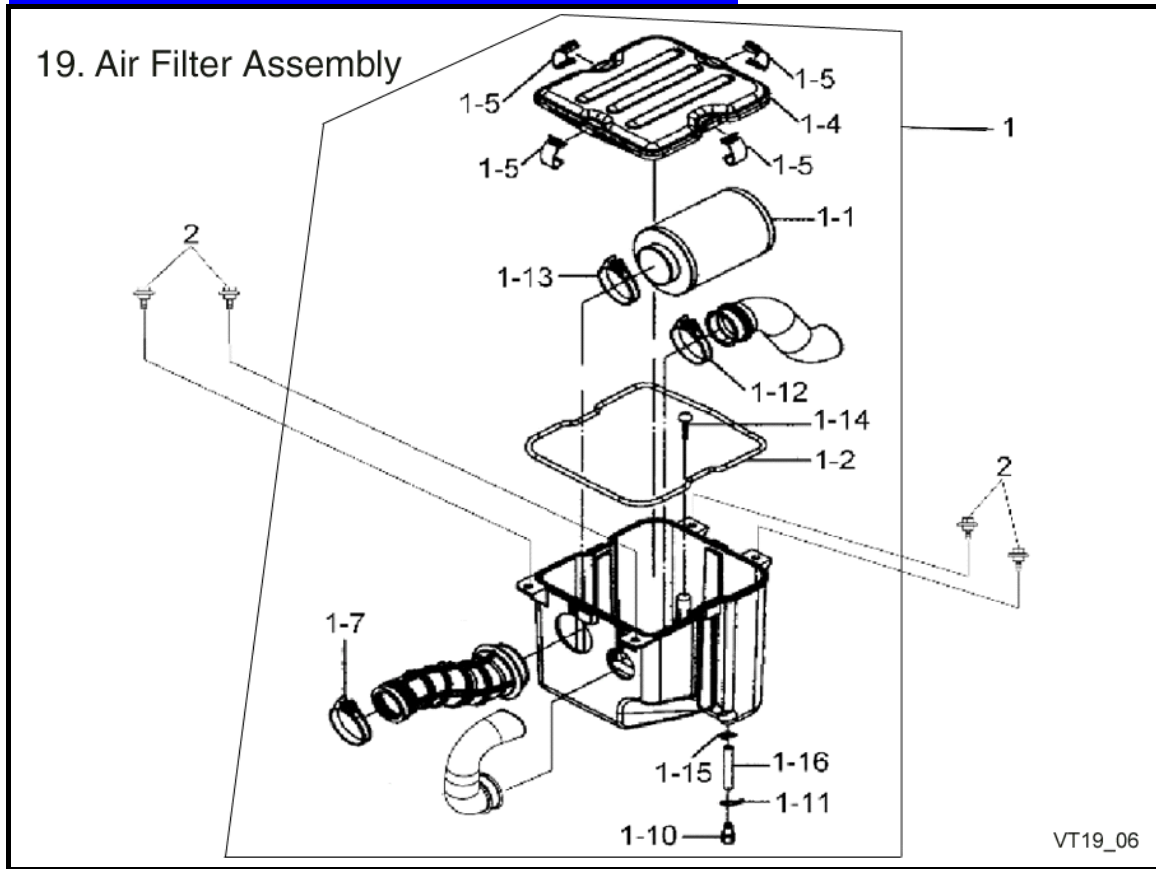


Fig Ref	Item No.	Description	Qty Req
19-1	811884	Air Cleaner Assembly	1
19-1-1	811783	Air Cleaner Element	1
19-1-2	811784	Air Cleaner Cover Seal	1
19-1-4	811786	Air Cleaner Cover	1
19-1-5	811787	Air Cleaner Cover Clamp	4
19-1-7	811789	Connecting Tube Clamp	1
19-1-10	811792	Breather Tube Plug	1
19-1-11	811793	Breather Tube Clip	1
19-1-12	811801	Inlet Duct Clamp	1
19-1-13	811802	Air Cleaner Element Clamp	1
19-1-14	811804	Pan Head Bolt (M5x10)	1
19-1-15	811805	Tube Clip	1
19-1-16	811806	V Tube (8x12x100)	1
19-2	812145	Flange Bolt (M6x12)	4

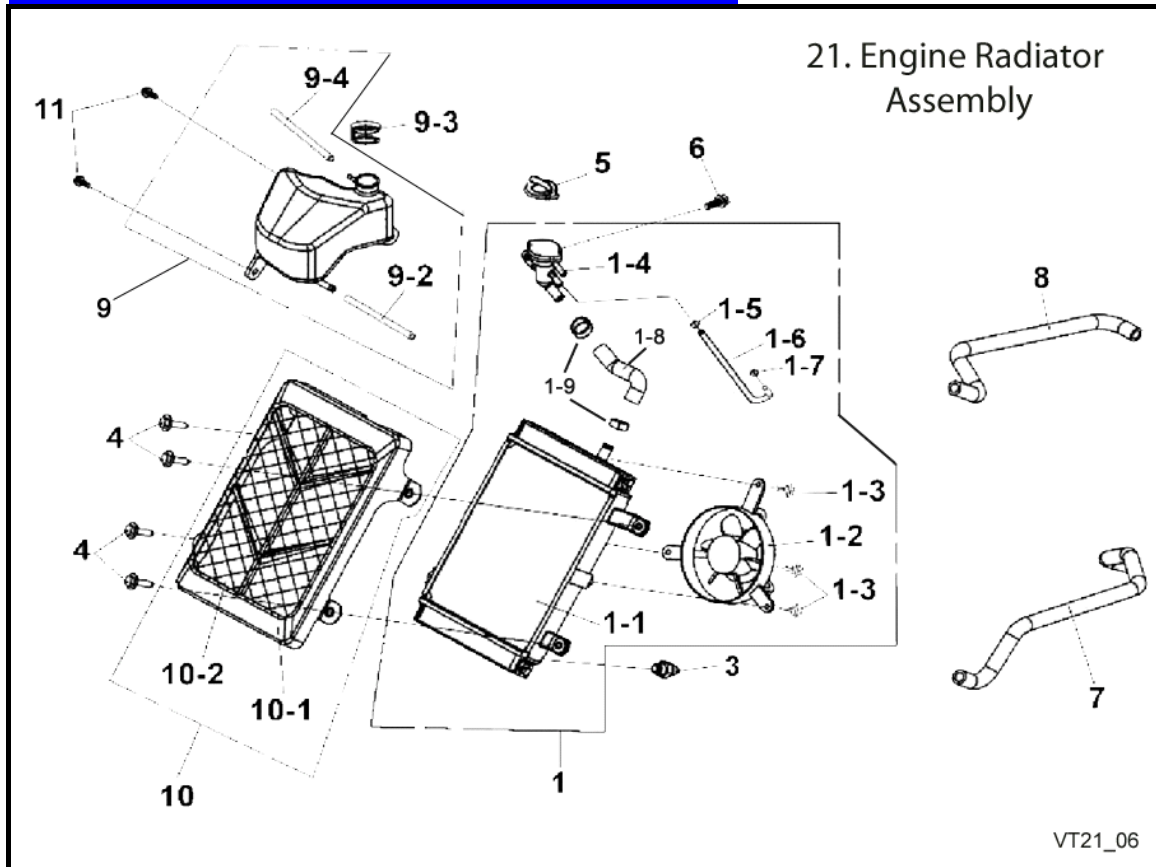
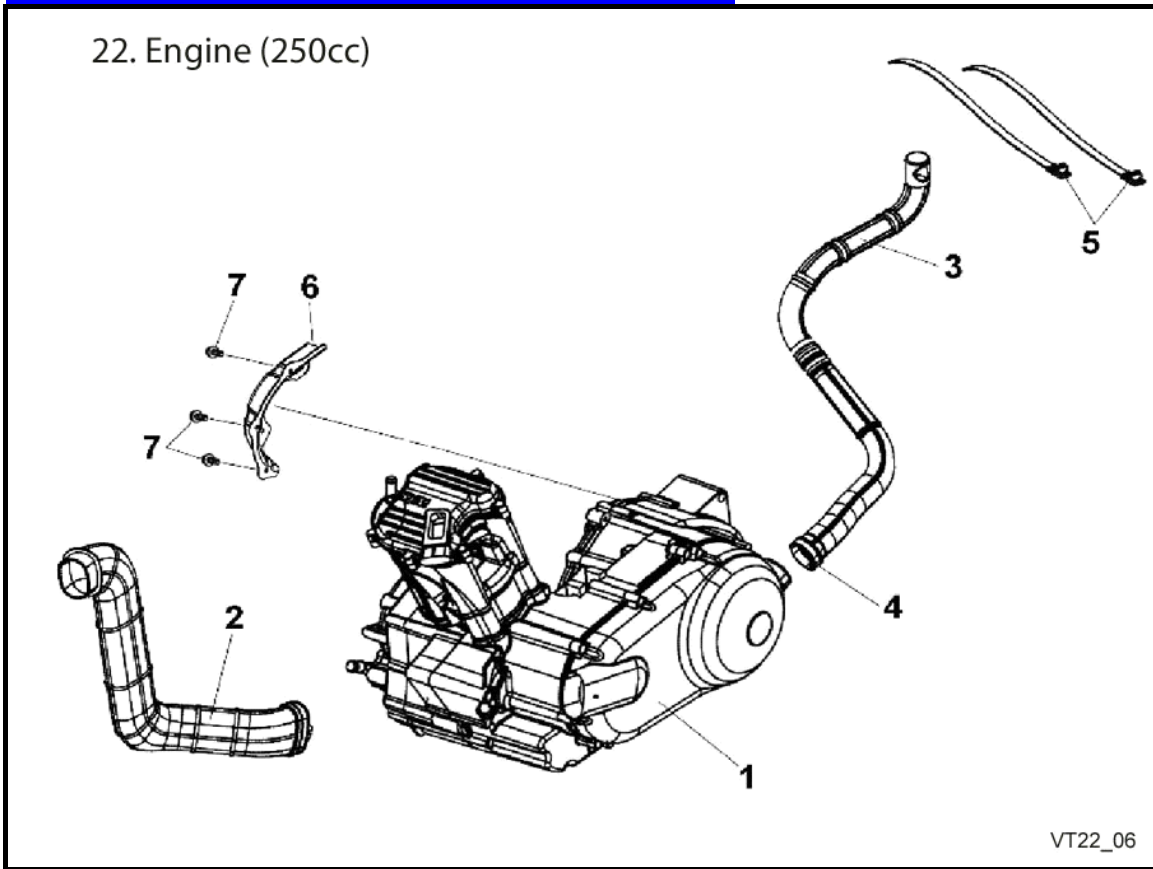


Fig Ref	Item No.	Description	Qty Req
21-1	811899	Radiator & Fan Assembly	1
21-1-1	811797	Radiator	1
21-1-2	811796	Radiator Fan & Motor	1
21-1-3	811807	Flange Bolt (6x12)	3
21-1-4	811798	Filler Neck	1
21-1-6	811908	Filler Neck Tube	1
21-1-8	811909	Radiator Hose	1
21-1-9	811803	Radiator Hose Clamp	2
21-3	812001	Thermo Switch Assembly	1
21-4	700337	Bolt & Washer (M6x30)	4
21-5	811905	Radiator Cap	1
21-6	650271	Flange Bolt (M6 X 12)	1
21-7	811906	Radiator Inlet Hose	1
21-8	811907	Radiator Outlet Hose	1
21-9	811904	Reserve Tank Assembly	1
21-9-2	811902	Reserve Tank Outlet Hose	1
21-9-3	811901	Reserve Tank Cap	1
21-9-4	811903	Reserve Tank Hose	1
21-10	811918	Radiator Shroud Assembly	1
21-10-1	811917	Radiator Shroud	1
21-10-2	812065	Radiator Front Screen	1
21-11	650901	Bolt & Washer (M6x20)	2

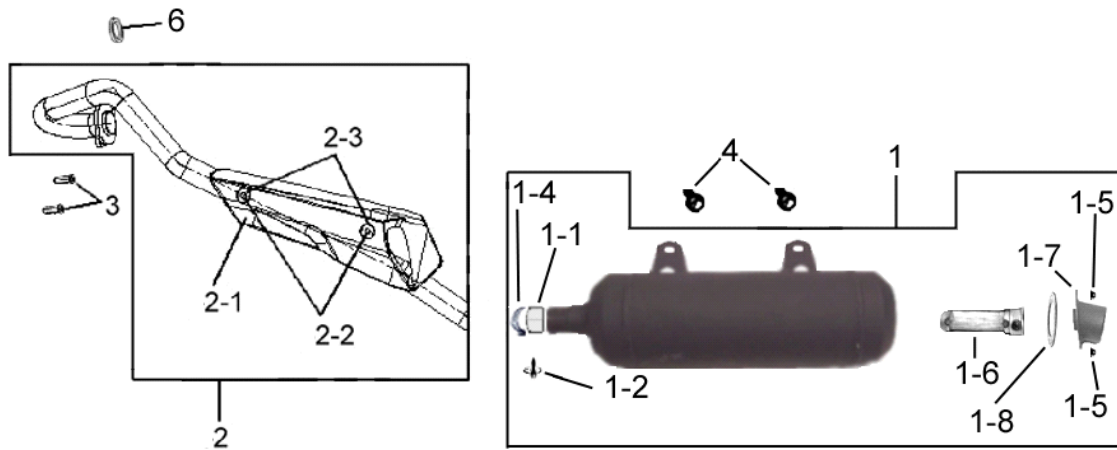
22. Engine (250cc)



VT22_06

Fig Ref	Item No.	Description	Qty Req
22-1	811921	Engine 250cc	1
22-2	811922	CVT Inlet Tube	1
22-3	811822	CVT Outlet Tube	1
22-4	811823	CVT Outlet Tube Clamp	1
22-5	650451	Wire Zip Ties	2
22-6	812008	Front Chain Cover	1
22-7	750294	Bolt & Washer (M5x15)	3

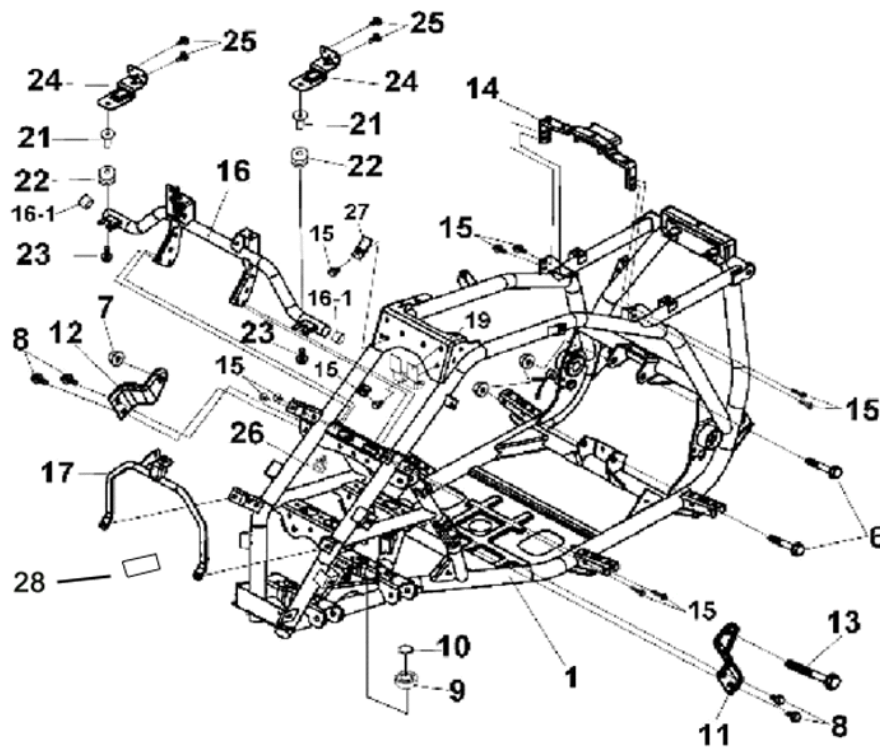
23. Exhaust System



VT23_06

Fig Ref	Item No.	Description	Qty Req
23-1	811794	Exhaust Muffler	1
23-1-1	812341	Exhaust Pipe Seal	1
23-1-2	812343	Bolt w/Washer (M8x35)	1
23-1-4	812344	Exhaust Pipe Clamp	1
23-1-5	812345	Flange Bolt (M6x11)	3
23-1-6	812346	Spark Arrestor Screen	1
23-1-7	812347	Exhaust Muffler End Cap	1
23-1-8	812348	Spark Arrestor Gasket	1
23-2	812349	Exhaust Head Pipe Assembly	1
23-2-1	812350	Exhaust Pipe Heat Shield	1
23-2-2	812345	Flange Bolt (M6x11)	2
23-2-3	812351	Lock Washer	2
23-3	811800	Cap Nut	2
23-4	650402	Flange Bolt (M8 X 12)	2
23-6	811893	Exhaust Pipe Gasket	1

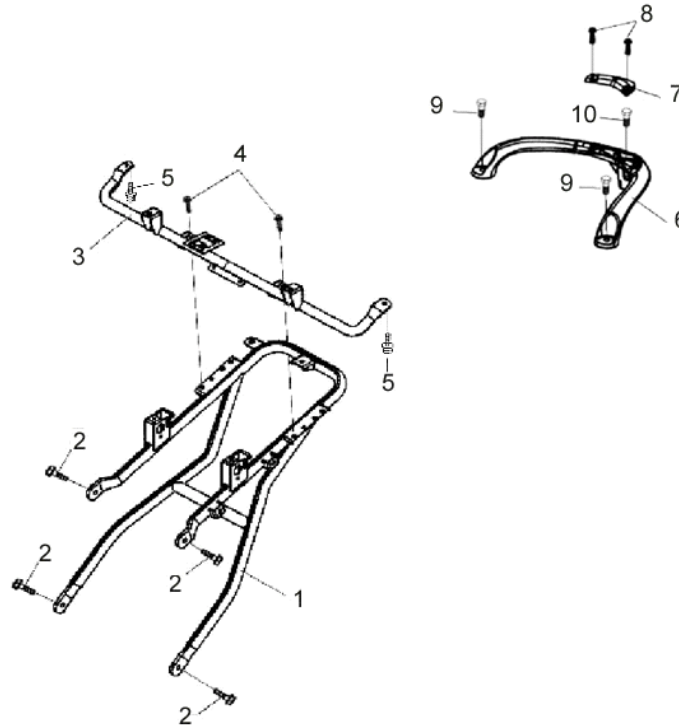
24a. Front Frame and Body Cover Supports



VT24_06

Fig Ref	Item No.	Description	Qty Req
24a-1	812038	Front Frame	1
24a-6	812207	Flange Bolt (M12x100)	2
24a-7	750370	Locking Flange Nut (M12x22)	3
24a-8	812210	Flange Bolt (M8x12)	4
24a-9	650967	Bearing (6002ZC3)	1
24a-10	650248	Circle-Clip	1
24a-11	812039	Left Engine Bracket	1
24a-12	812040	Right Engine Bracket	1
24a-13	812208	Flange Bolt (M12x160)	1
24a-14	812046	Seat Bracket	1
24a-15	650271	Flange Bolt (M6 X 12)	10
24a-16	812041	Upper Support Bar (Fr. Fender)	1
24a-16-1	610066	Rubber Plug	2
24a-17	812042	Lower Support Bar (R. Fender)	1
24a-19	811991	Relay Holder	1
24a-21	811438	Flanged Collar	2
24a-22	811431	Isolation Grommet	2
24a-23	650901	Bolt & Washer (M6x20)	2
24a-24	812045	Head Light Bracket	2
24a-25	812185	Self Tapping Screw (M5x10)	4
24a-26	812019	Clip	1
24a-27	811992	Clip A	1
24a-28	812375	Spark Arrestor Label	1

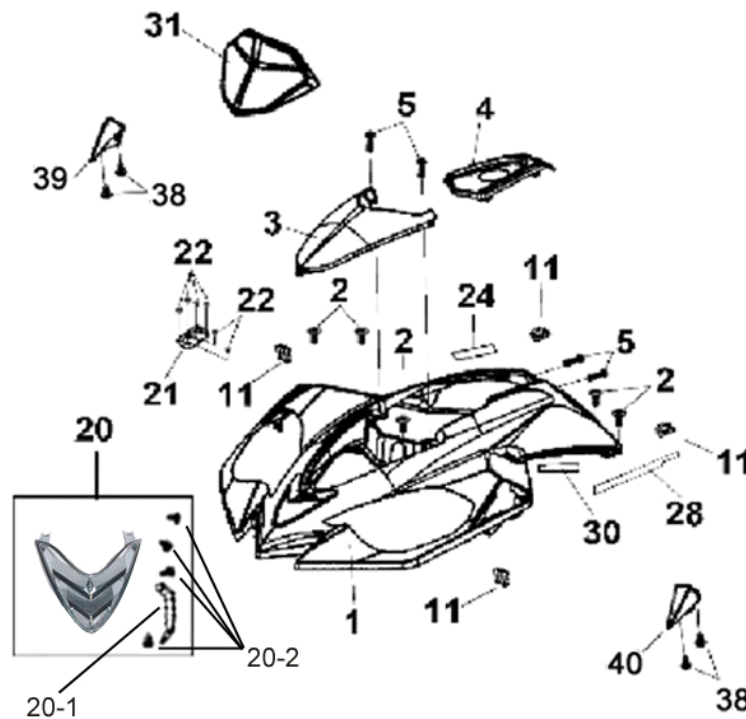
24b. Rear Frame and Grab Bar



VT24b_06

Fig Ref	Item No.	Description	Qty Req
24b-1	812044	Rear Frame	1
24b-2	650244	Flange Bolt (M10x22)	4
24b-3	812043	Rear Fender Support Bar	1
24b-4	650294	Flange Bolt (M8 X 16)	2
24b-5	650123	Pan Head Bolt & Washer (M6x20)	2
24b-6	812063	Handrail	1
24b-7	812062	Handrail Cover	1
24b-8	812185	Self Tapping Screw (M5x10)	2
24b-9	650417	Flange Bolt (M8x30)	2
24b-10	750380	Flange Bolt (M8x20)	1

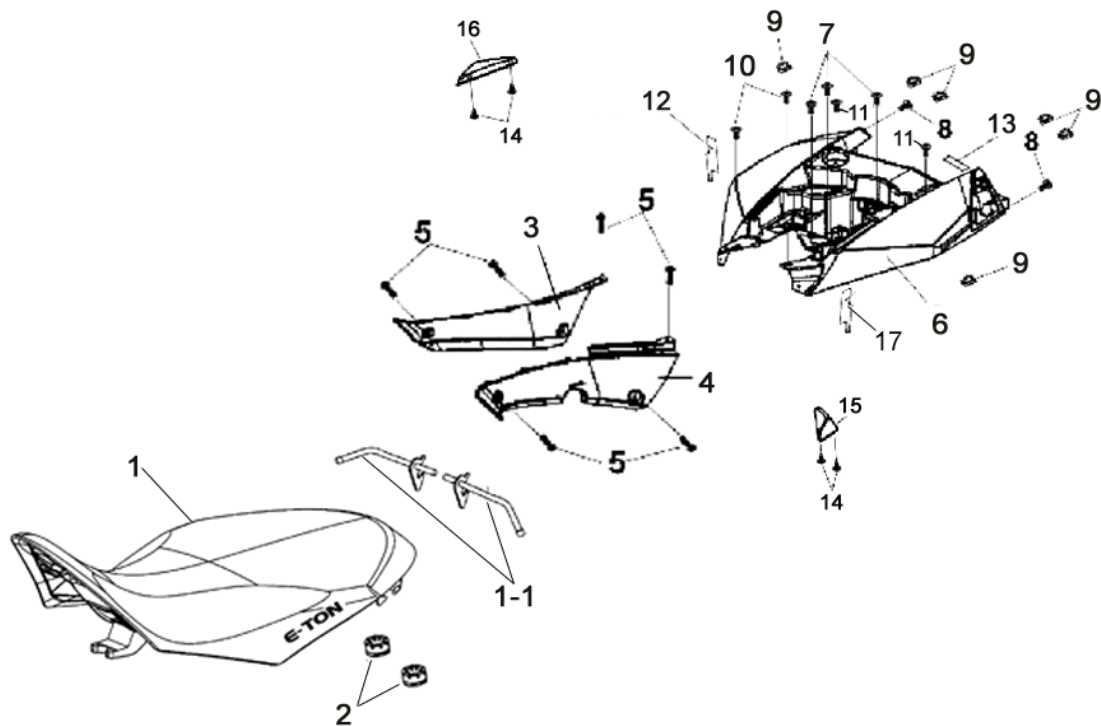
25a. Front Body Covers and Graphics



VT25A_06

Fig Ref	Item No.	Description	Qty Req
25a-1	812295	Front Body Cover (Silver)	1
	812094	Front Body Cover (Black)	1
	812095	Front Body Cover (Blue)	1
	812270	Front Body Cover (Red)	1
25a-2	650901	Bolt & Washer (M6x20)	5
25a-3	812096	Front Center Trim	1
25a-4	812097	Fuel Tank Cover	1
25a-5	800374	Plastic Fastener	4
25a-11	812211	Spring Nut, U-Type (M6)	4
25a-20	812101	Front Grill Panel Assy.	1
25a-20-1	811978	Mounting Bracket	1
25a-20-2	812185	Self Tapping Screw (M5x10)	4
25a-21	811952	Stay Shaft	1
25a-22	650258	Pop Rivet	6
25a-24	810244	Gear Shifting Warning Label	1
25a-28	812127	Vector 250 Graphic (LH) Silver	1
	812128	Vector 250 Graphic (LH) Black	1
25a-30	811184	Power Supply Label	1
25a-31	812089	Front Handlebar Cover	1
25a-38	750393	Self-Tapping Screw (M5x15)	4
25a-39	811979	Front Side Cover (RH)	1
25a-40	811980	Front Side Cover (LH)	1

25b. Rear Body Covers and Seat



VT25b_06

Fig Ref	Item No.	Description	Qty Req
25b-1	812115	Seat Assembly	1
25b-1-1	812116	Seat Latch	2
25b-2	650250	Rubber Damper (37 X 13 X 23)	2
25b-3	812102	Side Cover (RH) Silver	1
	812103	Side Cover (RH) Black	1
25b-4	812104	Side Cover (LH) Silver	1
	812105	Side Cover (LH) Black	1
25b-5	800374	Plastic Fastener	6
25b-6	812294	Rear Body Cover (Silver)	1
	812120	Rear Body Cover (Black)	1
	812121	Rear Body Cover (Blue)	1
	812269	Rear Body Cover (Red)	1
25b-7	650901	Bolt & Washer (M6x20)	3
25b-8	650943	Button Head Bolt (M6x18)	2
25b-9	812211	Spring Nut, U-Type (M6)	6
25b-10	650262	Bolt Washer & Nut (M6x18)	2
25b-11	812178	Bolt (8x20mm)	2
25b-12	812130	Vector Graphic (RH) Silver/Red	1
	812131	Vector Graphic (RH) Black/Red	1
	812391	Vector Graphic (RH) Blk/Silver	1
25b-13	750271	E-TON Graphic	1
	812129	ETON Graphic (Silver)	1
25b-14	812185	Self Tapping Screw (M5x10)	4
25b-15	812093	Rear Left Side Cover	1
25b-16	812092	Rear Right Side Cover	1
25b-17	812388	Vector Graphic (LH) Silver/Red	1

25b. Rear Body Covers and Seat

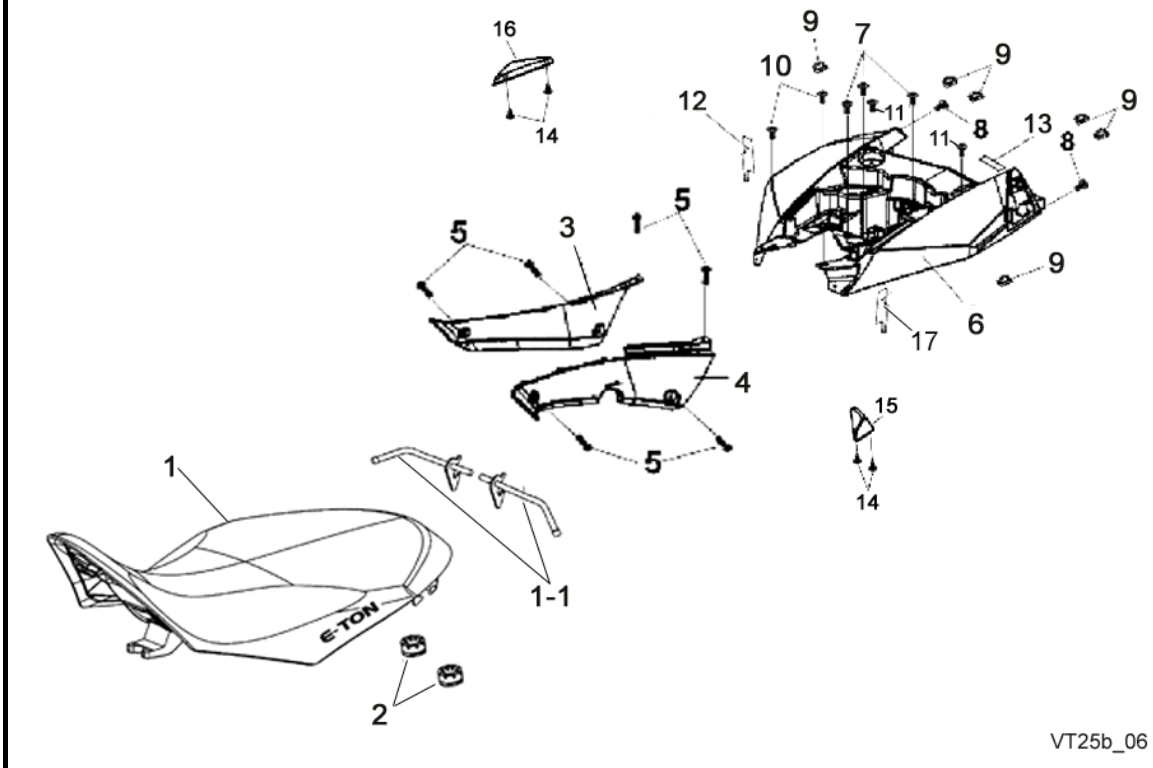
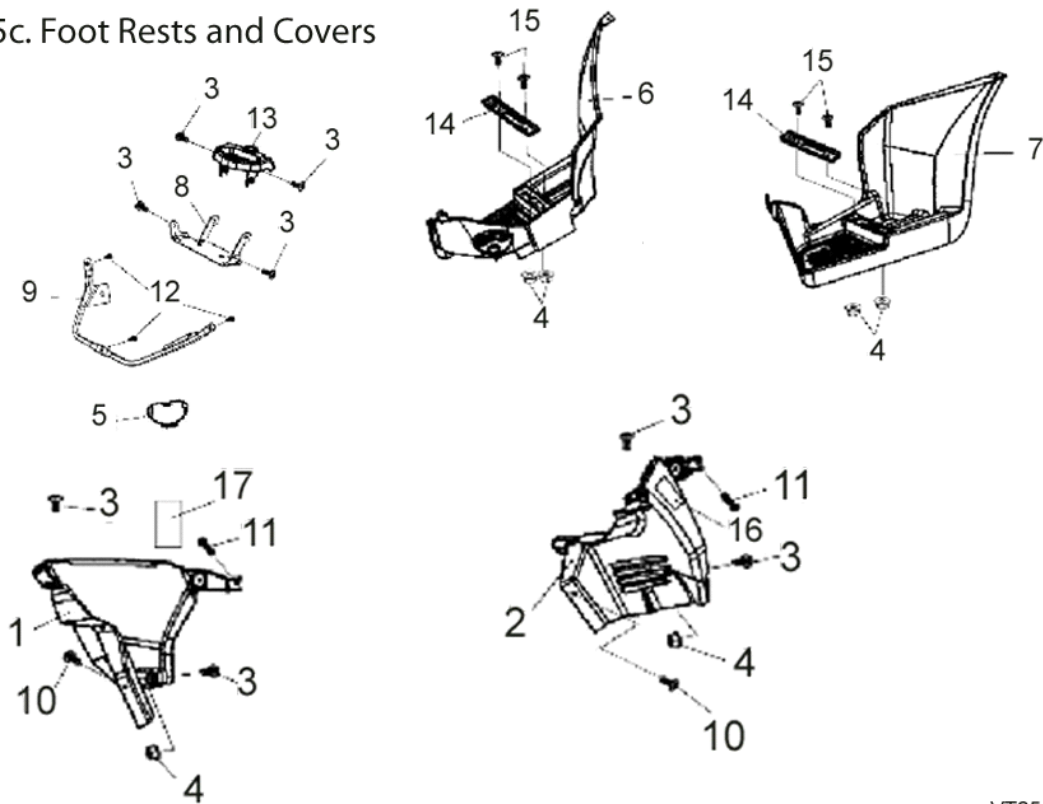


Fig Ref	Item No.	Description	Qty Req
	812389	Vector Graphic (LH) Blk/Silver	1

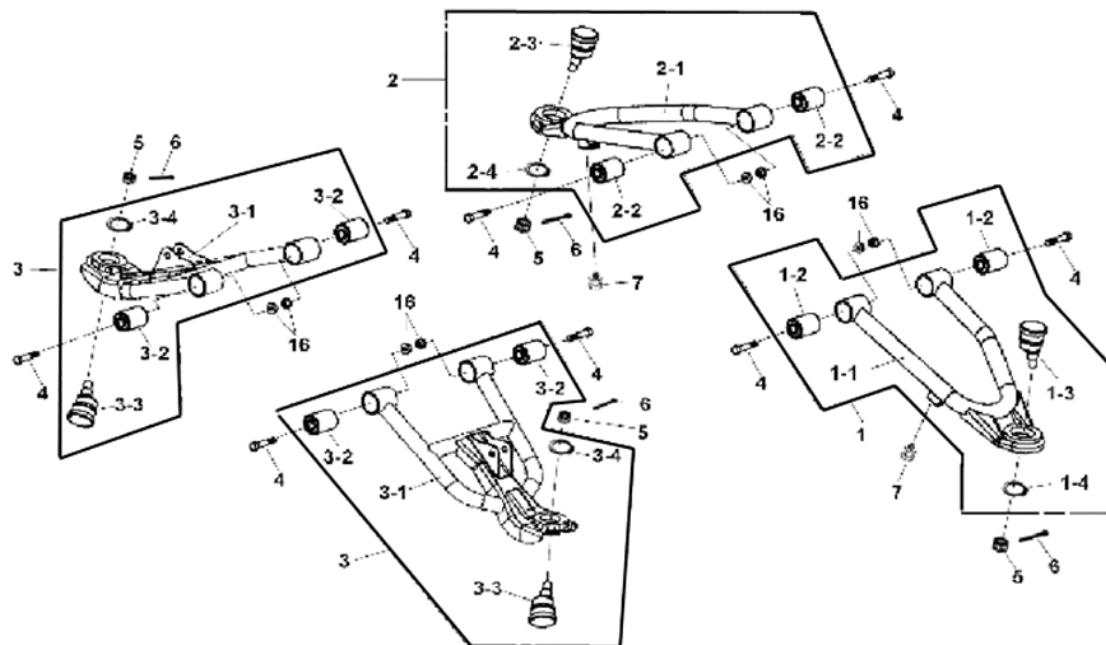
25c. Foot Rests and Covers



VT25_06

Fig Ref	Item No.	Description	Qty Req
25c-1	812098	Front Side Cover (RH)	1
25c-2	812099	Front Side Cover (LH)	1
25c-3	650943	Button Head Bolt (M6x18)	8
25c-4	800504	Locking Flange Nut (M6x11)	6
25c-5	812122	Oil Cap Plug	1
25c-6	812123	Footrest (RH)	1
25c-7	812124	Footrest (LH)	1
25c-8	811996	Speedometer Bracket	1
25c-9	811997	Handle Cover Bracket	1
25c-10	650127	Pan Head Bolt & Washer (M6x16)	2
25c-11	650756	Pan Head Bolt (M6x20)	2
25c-12	812185	Self Tapping Screw (M5x10)	3
25c-13	812090	Speedometer Housing	1
25c-14	812070	Foot Peg Insert	2
25c-15	650295	Flange Bolt (M6x16)	4
25c-16	812125	Warning Label (Passenger)	1
25c-17	812126	Warning Label	1

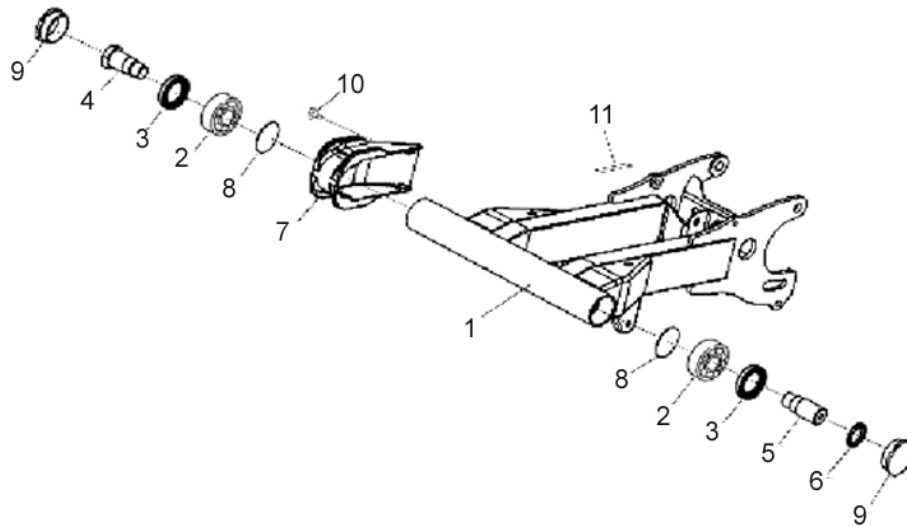
26a. A-Arms



VT26_06

Fig Ref	Item No.	Description	Qty Req
26a-1	812049	Upper A-Arm Assy. (LH) Silver	1
26a-1-1	812047	Upper A-Arm (LH) Silver	1
26a-1-2	811812	Suspension Arm Bushing	2
26a-1-3	812055	Ball Joint	1
26a-1-4	812197	Circle Clip	1
26a-2	812052	Upper A-Arm Assy. (RH) Silver	1
26a-2-1	812050	Upper A-Arm (RH) Silver	1
26a-2-2	811812	Suspension Arm Bushing	2
26a-2-3	812055	Ball Joint	1
26a-2-4	812197	Circle Clip	1
26a-3	812054	Lower A-Arm Assy. (Silver)	2
26a-3-1	812053	Lower A-Arm (Silver)	2
26a-3-2	811812	Suspension Arm Bushing	2
26a-3-3	812055	Ball Joint	1
26a-3-4	812197	Circle Clip	1
26a-4	812206	Flange Bolt (M10x60)	8
26a-5	650231	Nut (M12x20)	4
26a-6	811084	Cotter Pin	4
26a-7	812019	Clip	2
26a-16	650961	Locking Flange Nut (M10x20)	8

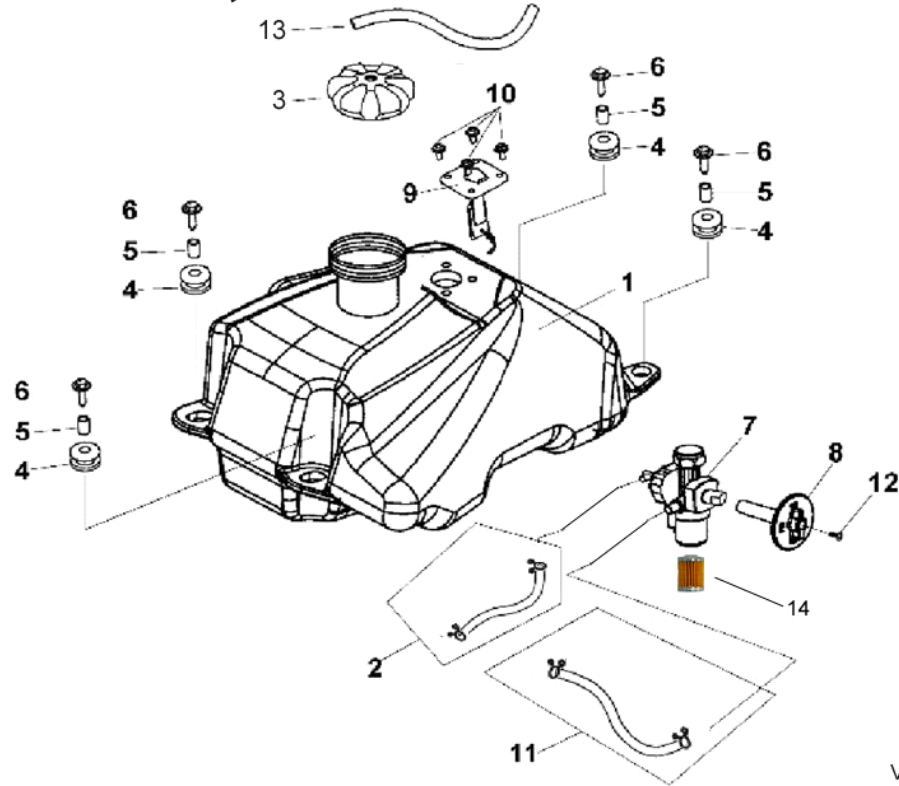
26b. Swing Arm



VT26_06

Fig Ref	Item No.	Description	Qty Req
26b-1	812074	Swing Arm	1
26b-2	812172	Bearing (HR 30203J)	2
26b-3	812161	Oil Seal (20x40x8)	2
26b-4	812075	Swing Arm Bolt (R) (M22x45)	1
26b-5	812077	Swing Arm Bolt (L) (M22x40)	1
26b-6	812149	Swing Arm Nut (M20x30x5)	1
26b-7	812076	Rubber Sleeve	1
26b-8	812078	Washer	2
26b-9	812079	Swing Arm Seal Cover	2
26b-10	750291	Flange Bolt (M6x15)	1
26b-11	800514	Warning Label (Drive chain)	1

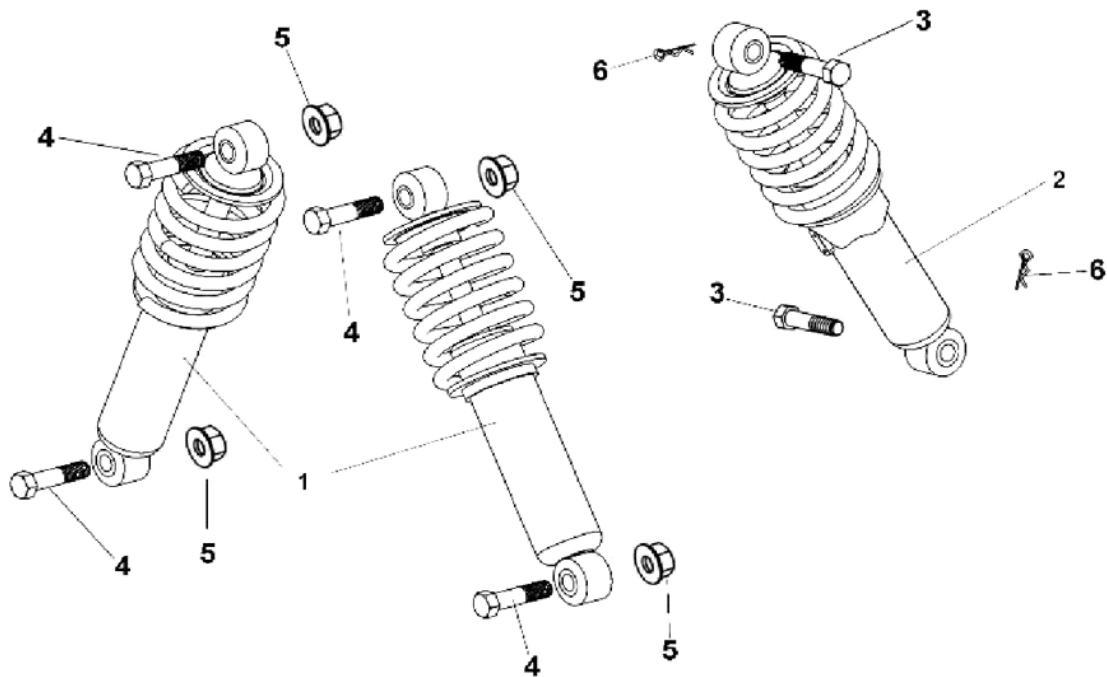
28. Fuel Tank Assembly



VT28_06

Fig Ref	Item No.	Description	Qty Req
28-1	811886	Fuel Tank	1
28-2	811888	Fuel Tube	1
28-3	811889	Fuel Tank Cap	1
28-4	800393	Fuel Tank Mounting Pad	4
28-5	800395	Fuel Tank Mounting Spacer	4
28-6	700337	Bolt & Washer (M6x30)	4
28-7	811881	Fuel Petcock	1
28-8	811882	Fuel Petcock Handle	1
28-9	812002	Fuel Level Sending Unit	1
28-10	750308	Bolt & Washer (M5x16)	4
28-11	800563	Fuel Petcock Vacuum Line	1
28-12	700365	Pan Head Bolt (M4x15)	1
28-13	811890	Breather Tube	1
28-14	812400	Fuel Filter	1

29. Suspension System



VT29_06

Fig Ref	Item No.	Description	Qty Req
29-1	812073	Front Shock Absorber	2
29-2	812080	Rear Shock Absorber	1
29-3	812176	Flange Bolt (M10x50)	2
29-4	650287	Flange Bolt (M10x48)	4
29-5	650961	Locking Flange Nut (M10x20)	4
29-6	750318	Hair Pin Cotter	2

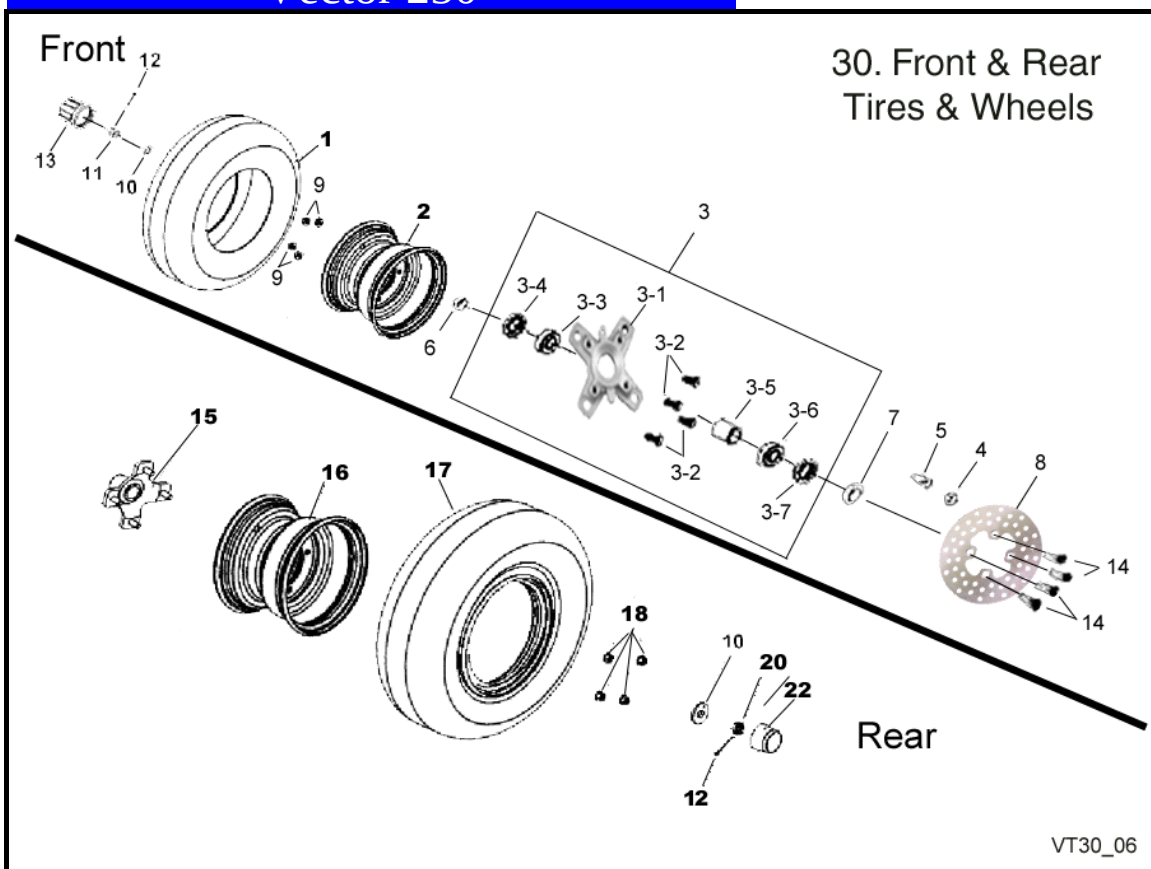


Fig Ref	Item No.	Description	Qty Req
30-1	811404	Tire (21*7x10)	1
30-2	812026	Wheel Rim (10x5.5)	1
30-3	812033	Front Wheel Hub Assembly	2
30-3-1	812028	Front Wheel Hub	2
30-3-2	812031	Stud Bolt (M10x42)	8
30-3-3	800288	Radial Ball Bearing (6203LU)	2
30-3-4	812564	Oil Seal [24x40x7]	2
30-3-5	812034	Inner Spacer (M18x25x27)	2
30-3-6	650218	Bearing (6004LUA)	2
30-3-7	812164	Oil Seal [28x42x7]	2
30-4	811998	Magnet	1
30-5	812032	Brake Disc Bolt (M5x6)	1
30-6	810155	Outer Spacer	2
30-7	812035	Outer Spacer (M20x27x7)	2
30-8	812037	Disc Brake Rotor	2
30-9	812029	Flange Nut (M10x14)	16
30-10	650368	Flat Washer (M14x40x5))	2
30-11	800525	Castle Nut (M14x19)	2
30-12	811084	Cotter Pin	4
30-13	650843	Rubber Hub Cap	2
30-14	812036	Round Allen Head Bolt (M8x23)	8
30-15	812017	Shaft Connector	1
30-16	812027	Wheel Rim (9x8)	1
30-17	811405	Tire (20*11-9)	1
30-18	812029	Flange Nut (M10x14)	16
30-20	811534	Castle Nut w/Flange (M14x30)	2

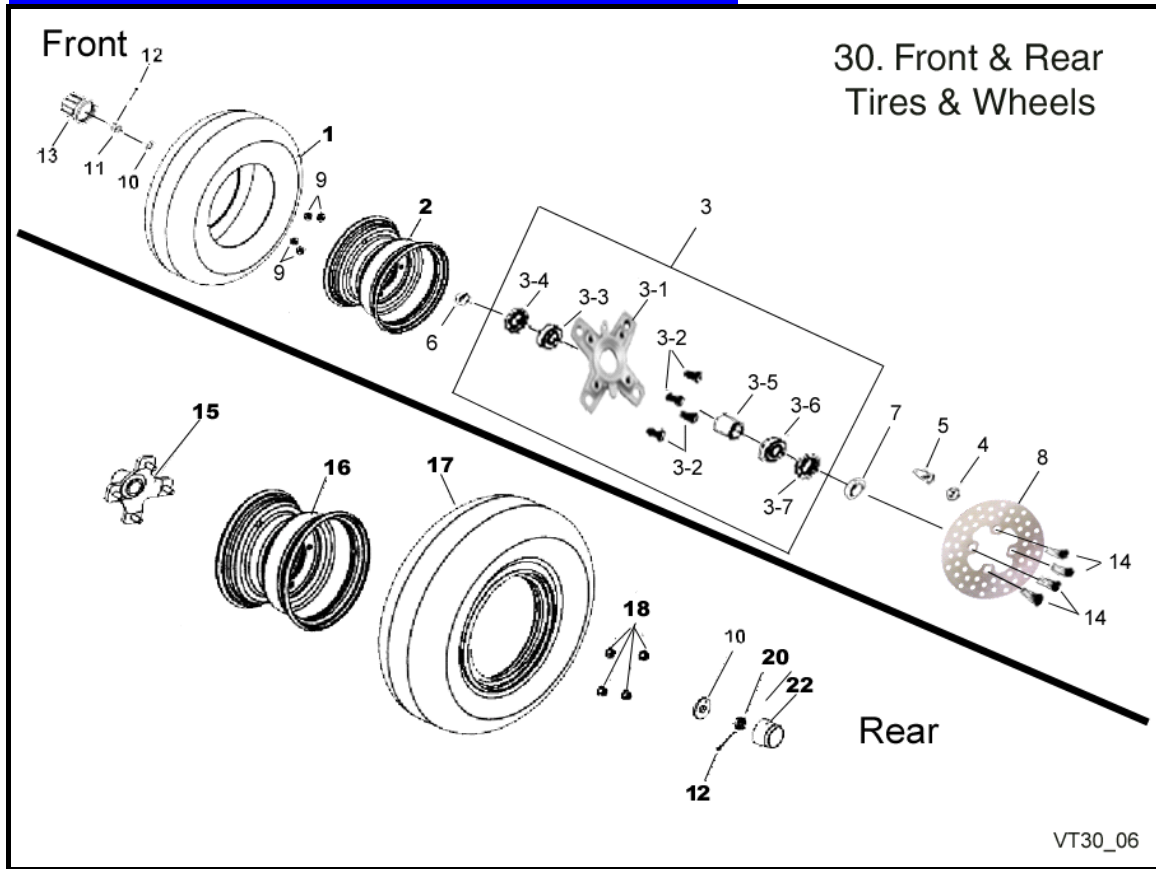
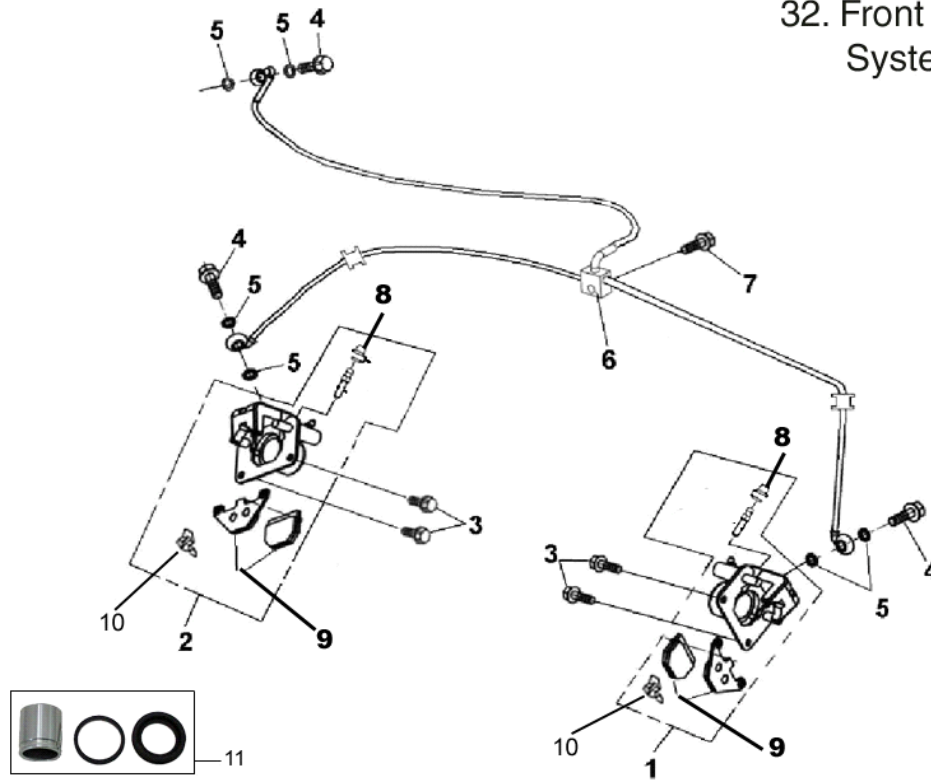


Fig Ref	Item No.	Description	Qty Req
30-22	650353	Rubber Hub Cap	2

32. Front Brake System



VT32_06

Fig Ref	Item No.	Description	Qty Req
32-1	812109	Front Brake Caliper, Left	1
32-2	812114	Front Brake Caliper, Right	1
32-3	800352	Bolt & Washer (M8x20)	4
32-4	750314	Brake Hose Union Bolt M10x21	3
32-5	750309	Flat Washer (M10x12x1)	6
32-6	812107	Front Brake Oil Tube Assy.	1
32-7	750380	Flange Bolt (M8x20)	1
32-8	812112	Bleeder Valve & Cap	2
32-9	812805	Disc Brake Pads (Standard)	2
32-9	610143	Disc Brake Pads (Heavy Duty)	2
32-10	811466	Caliper Retainer Clip	2
32-11	811736	Brake Caliper Service Kit	1

33. Rear Brake System

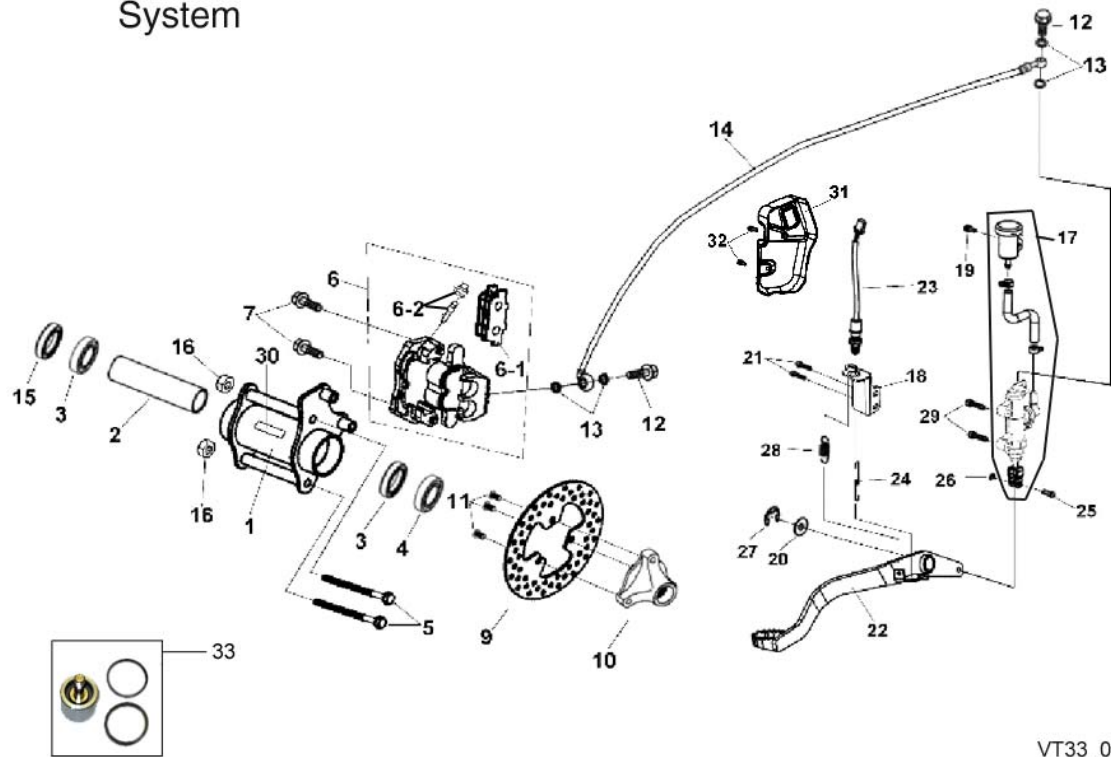
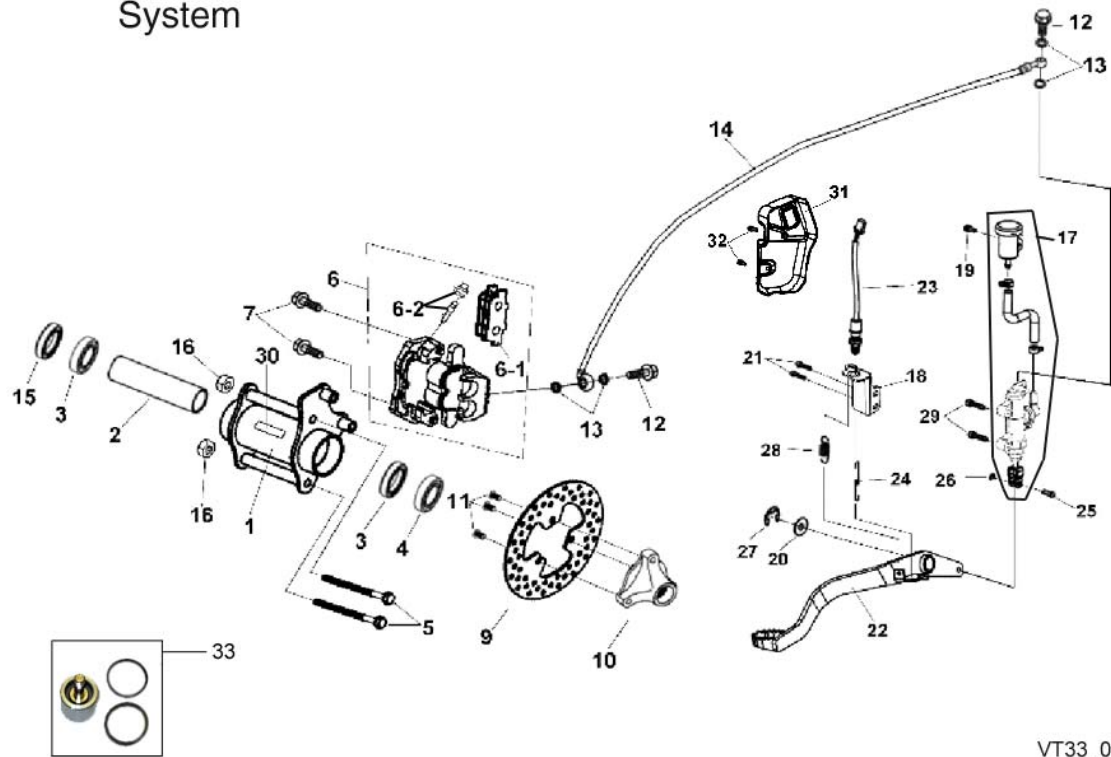


Fig Ref	Item No.	Description	Qty Req
33-1	812016	Rear Axle Bearing Seat	1
33-2	800409	Spacer	1
33-3	800410	Bearing (6007Z)	2
33-4	800411	Oil Seal [43x62x12]	1
33-5	812209	Flange Bolt (M12x165)	2
33-6	812110	Brake Caliper, Rear	1
33-6-1	812111	Rear Brake Pads	1
33-6-2	812112	Bleeder Valve & Cap	1
33-7	812205	Flange Bolt (M8x35)	2
33-9	812021	Rear Brake Rotor	1
33-10	810185	Disc Brake Rotor Mounting Seat	1
33-11	750292	Allen Head Bolt (M10x20)	3
33-12	750314	Brake Hose Union Bolt	2
33-13	750309	Flat Washer (M10x12x1)	4
33-14	812018	Rear Hydraulic Brake Line	1
33-15	800422	Oil Seal [48x62x7]	1
33-16	750370	Locking Flange Nut (M12x22)	2
33-17	812106	Foot Brake Master Cylinder	1
33-18	812118	Floor Switch Holder	1
33-19	650295	Flange Bolt (M6x16)	1
33-20	812179	Flat Washer (M19x25x1)	1
33-21	650271	Flange Bolt (M6 X 12)	2
33-22	812071	Foot Brake Pedal	1
33-23	812117	Floor Switch	1
33-24	812072	Brake Switch Spring	1
33-25	812237	Pin	1

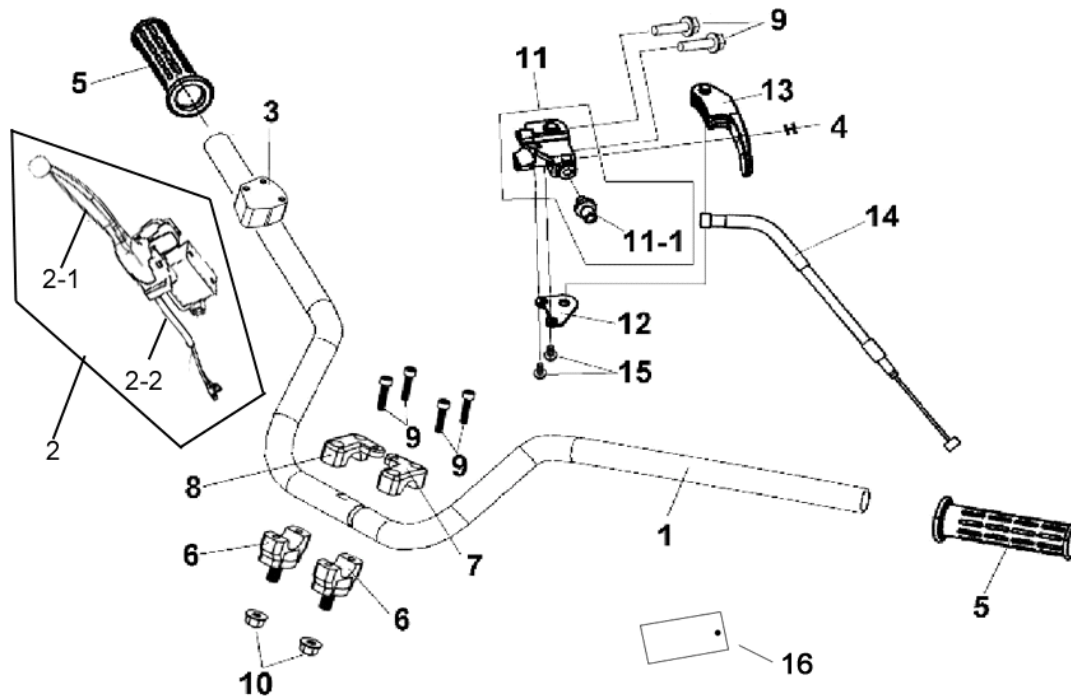
33. Rear Brake System



VT33_06

Fig Ref	Item No.	Description	Qty Req
33-26	812201	E Clip (5)	1
33-27	812202	E-Clip (15)	1
33-28	812020	Return Spring	1
33-29	650402	Flange Bolt (M8 X 12)	2
33-30	811182	Warning Label (Max Weight)	1
33-31	812373	Master Cylinder Cover	1
33-32	650262	Bolt Washer & Nut (M6x18)	2
33-33	812454	Brake Caliper Service Kit	1

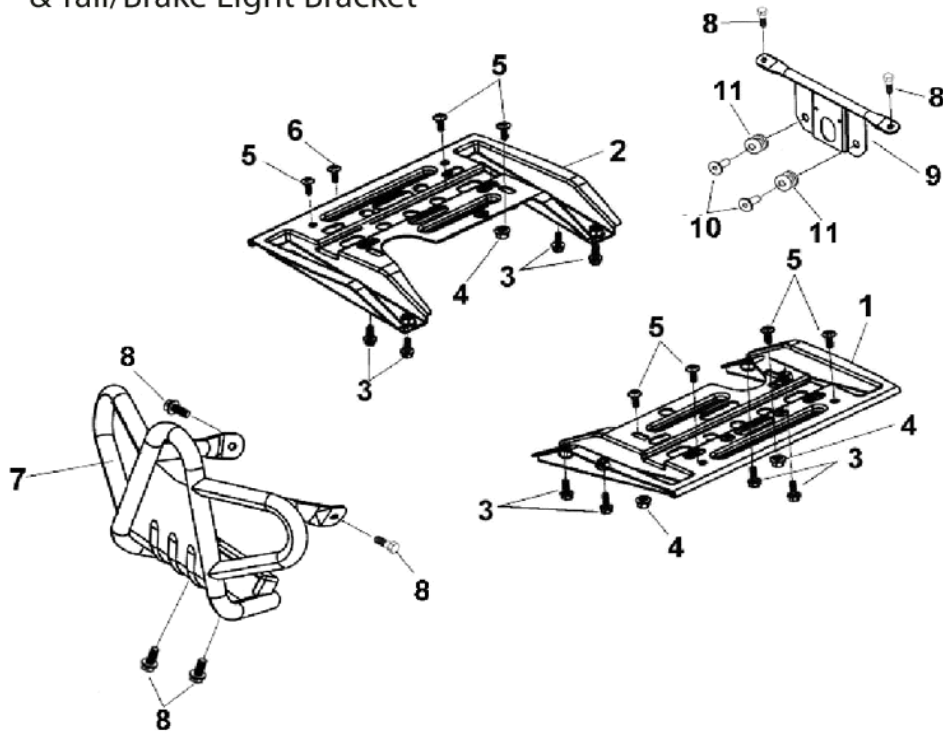
34. Handlebar, Levers, and Cables



VT34_06

Fig Ref	Item No.	Description	Qty Req
34-1	812081	Handlebar (2005)	1
34-1	812415	Handlebar (2006)	1
34-2	812083	Front Brake Master Cylinder	1
34-2-1	812084	Lever (only - RH)	1
34-2-2	812408	Brake Switch Assembly	1
34-3	812087	Throttle Housing	1
34-4	750268	Rubber Plug	1
34-5	650410	Handlebar Grip	2
34-6	650411	Handlebar Clamp (Bottom)	2
34-7	650412	Handlebar Clamp Cap (LH)	1
34-8	650413	Handlebar Clamp Cap (RH)	1
34-9	650558	Socket Bolt (M6 X 25)	6
34-10	650255	Locking Flange Nut (M10x19)	2
34-11	812022	Parking Brake Lever mounting	1
34-11-1	812085	Adjuster Bolt (M8x15)	1
34-12	812023	Brake Lever Retainer Plate	1
34-13	812024	Parking Brake Lever	1
34-14	812025	Parking Brake Cable	1
34-15	750395	Pan Head Bolt (M6x10)	2
34-16	812374	Emissions Information Tag	1

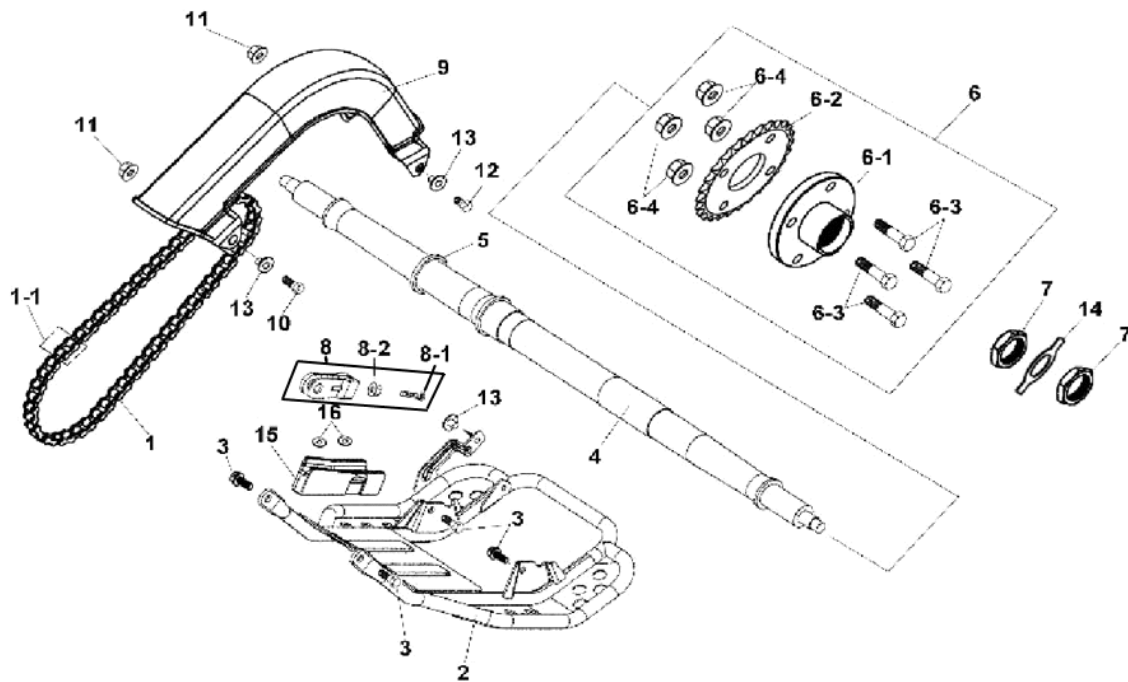
35. Front Bumper, Footrest Plates, & Tail/Brake Light Bracket



VT35_06

Fig Ref	Item No.	Description	Qty Req
35-1	800428	Footrest Support (LH)	1
35-2	811421	Footrest Support (RH)	1
35-3	800352	Bolt & Washer (M8x20)	8
35-4	800504	Locking Flange Nut (M6x11)	3
35-5	650270	Button Head Bolt (M6x17)	7
35-6	650262	Bolt Washer & Nut (M6x18)	1
35-7	812061	Front Bumper	1
35-8	650294	Flange Bolt (M8 X 16)	6
35-9	812064	Tail Light Plate	1
35-10	811438	Flanged Collar	2
35-11	811431	Isolation Grommet	2

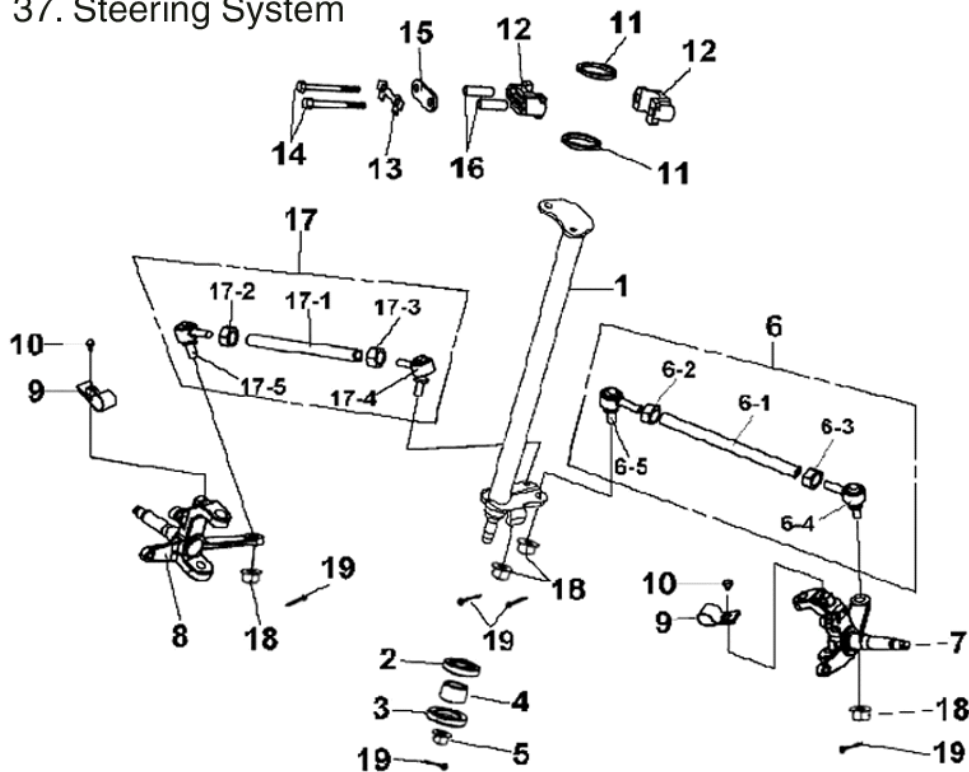
36. Rear Drive Axle



VT36_06

Fig Ref	Item No.	Description	Qty Req
36-1	812006	Drive Chain (#520x90)	1
36-2	812007	Chain Skid Plate	1
36-3	650294	Flange Bolt (M8 X 16)	4
36-4	812014	Rear Axle	1
36-5	812015	Rear Axle Retaining Clip	1
36-6	812009	Rear Sprocket 520x38T & Holder	1
	812330	Rear Sprocket 520x40T & Holder	1
36-6-1	812010	Rear Sprocket Holder	1
36-6-2	812013	Rear Sprocket (520x38T)	1
	812340	Rear Sprocket (520x40T)	1
36-6-3	650552	Stud Bolt (M10x25))	4
36-6-4	650255	Locking Flange Nut (M10x19)	4
36-7	800439	Rear Axle Nut (M33x55x14)	2
36-8	812011	Chain Adjuster	1
36-8-1	812174	Bolt (M8x50)	1
36-8-2	650046	Nut (M8x15)	1
36-9	800440	Drive Chain Cover	1
36-10	812146	Flange Bolt (M6x20)	1
36-11	800504	Locking Flange Nut (M6x11)	2
36-12	650271	Flange Bolt (M6 X 12)	1
36-13	811737	Collar	3
36-14	811554	Rear Axle Nut Lock Plate	1
36-15	812012	Chain Guide	1
36-16	812191	Washer (M5x15x1)	2

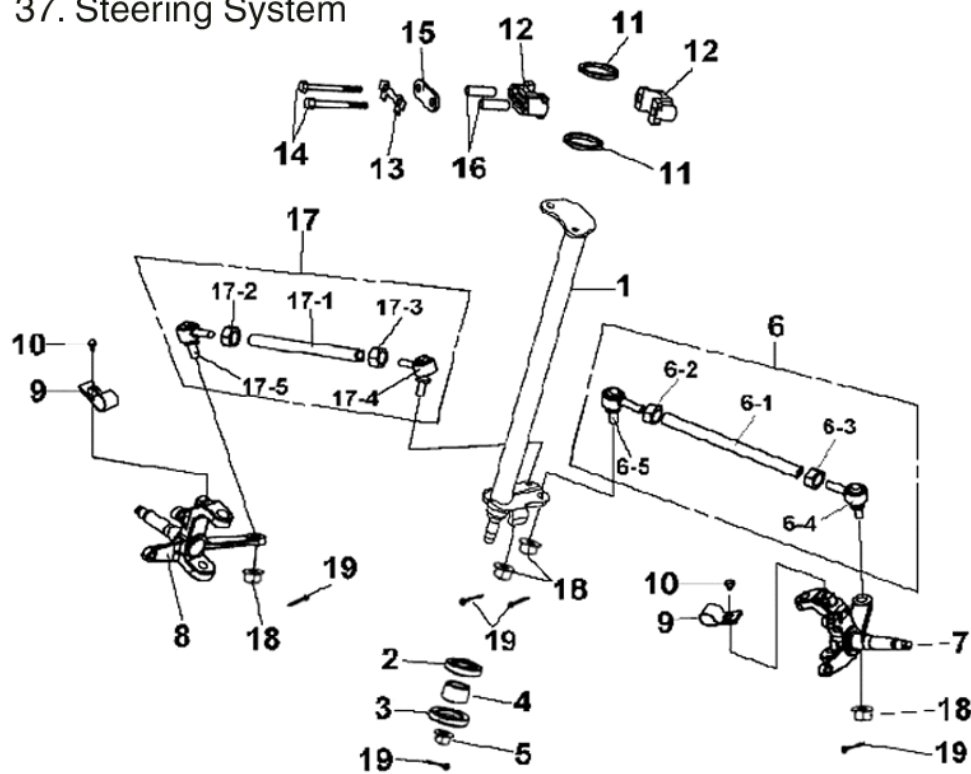
37. Steering System



VT37-06

Fig Ref	Item No.	Description	Qty Req
37-1	812088	Steering Shaft	1
37-2	650430	Oil Seal (18x32x7)	1
37-3	650345	Oil Seal (22x35x7)	1
37-4	650346	Inner Spacer (15x21.7X15)	1
37-5	650278	Locking Flange Nut (M14x25)	1
37-6	812059	Steering Tie-Rod (LH)	1
37-6-1	812056	Stud Bolt (M8x250)	1
37-6-2	610050	Nut (RH) (M10x16)	1
37-6-3	610051	Nut (LH) (M10x16)	1
37-6-4	812057	Tie-Rod End (LH)	1
37-6-5	812058	Tie-Rod End (RH)	1
37-7	812048	Knuckle (LH)	1
37-8	812051	Knuckle (RH)	1
37-9	812108	Brake Hose Bracket	2
37-10	650271	Flange Bolt (M6 X 12)	2
37-11	800447	Oil Seal (M31x40x4)	2
37-12	800448	Steering Shaft Clamps	2
37-13	800449	Steering Shaft locking Plate	1
37-14	800426	Bolt (M8 X 60)	2
37-15	812091	Steering Shaft Holder	1
37-16	800451	Steering Collar	2
37-17	812060	Steering Tie-Rod (RH)	1
37-17-1	812056	Stud Bolt (M8x250)	1
37-17-2	610050	Nut (RH) (M10x16)	1
37-17-3	610051	Nut (LH) (M10x16)	1
37-17-4	812057	Tie-Rod End (LH)	1

37. Steering System



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Fig Ref	Item No.	Description	Qty Req
37-17-5	812058	Tie-Rod End (RH)	1
37-18	650961	Locking Flange Nut (M10x20)	4
37-19	650339	Cotter Pin (1/8 x 1)	5

38. Electrical Components

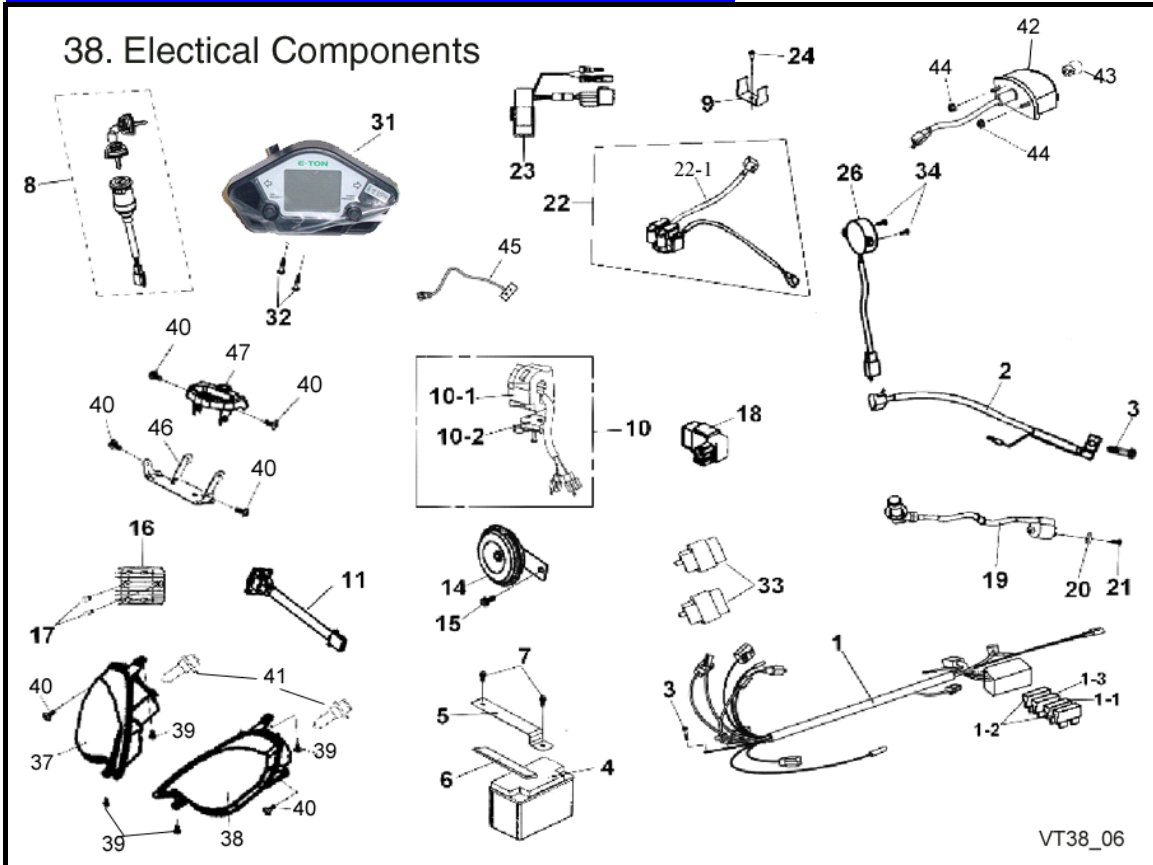


Fig Ref	Item No.	Description	Qty Req
38-1	811976	Wiring Harness	1
38-1-1	811973	Fuse (10A)	1
38-1-2	811974	Fuse (15A)	2
38-1-3	811975	Fuse (30A)	1
38-2	811977	Negative Cable	1
38-3	811752	Allen Head Bolt (M6x12)	2
38-4	811970	Battery WP12-BS	1
38-5	811971	Battery Bracket	1
38-6	811887	Battery Retainer Pad	1
38-7	650271	Flange Bolt (M6 X 12)	2
38-8	811982	Ignition Key Switch	1
38-9	812119	Retainer Clip	1
38-10	811986	Handlebar Switch Assy.	1
38-10-1	811987	Handlebar Switch	1
38-10-2	811280	Choke Lever	1
38-11	811162	Auxiliary Power Outlet	1
38-14	812003	Horn	1
38-15	650402	Flange Bolt (M8 X 12)	1
38-16	811972	Rectifier	1
38-17	650295	Flange Bolt (M6x16)	2
38-18	811964	C.D.I. Module (V250)	1
38-19	811965	Ignition Coil Assy.	1
38-20	800532	Flat Washer (M6x10x1))	1
38-21	650382	Bolt (M5 X 24)	1
38-22	811990	Starter Relay & Terminal Cable	1
38-22-1	811678	Positive Cable	1

38. Electrical Components

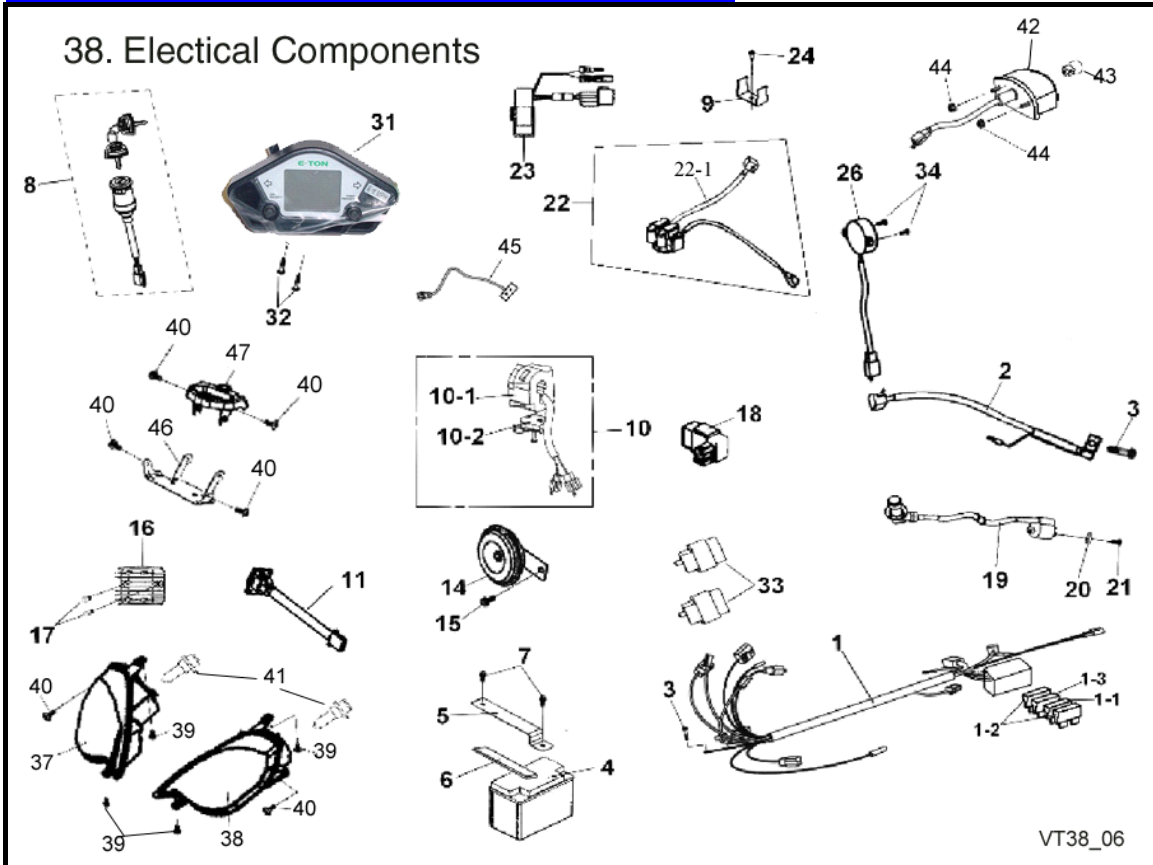
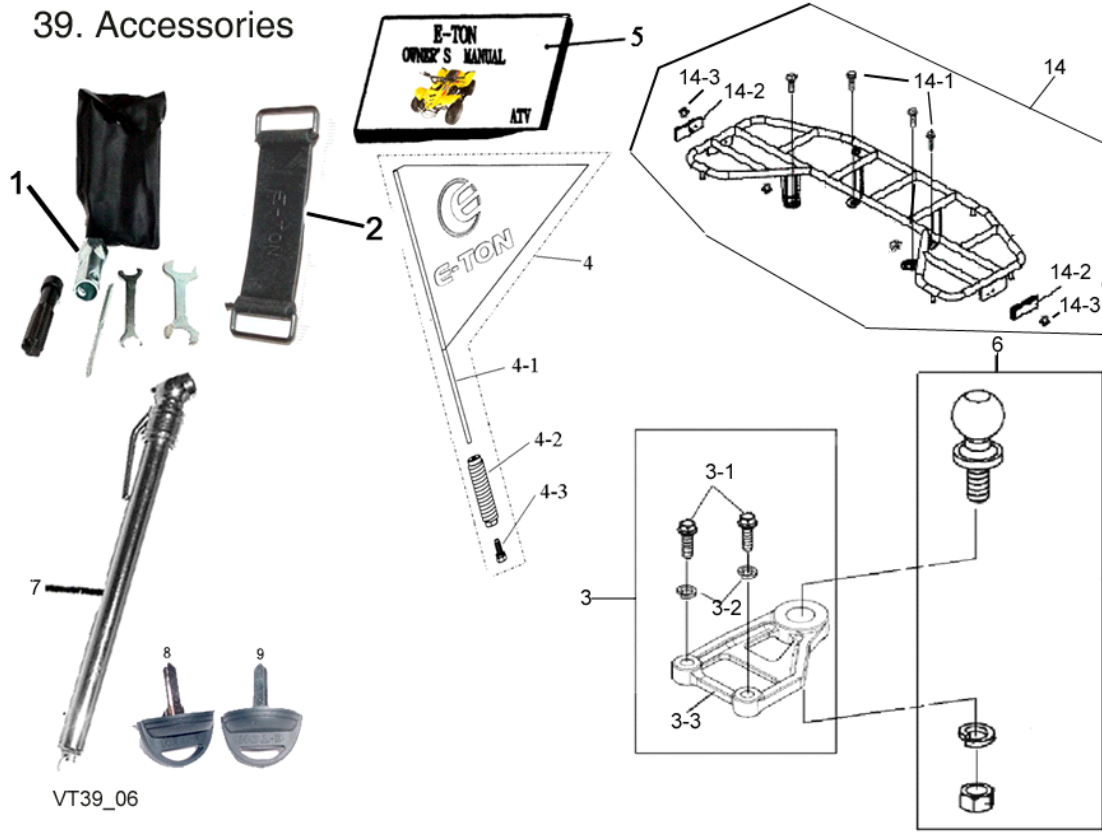


Fig Ref	Item No.	Description	Qty Req
38-23	811989	Gear Shift Control Unit Assy.	1
38-26	810102	Backup Safety Horn	1
38-31	811995	Speedometer Instrument Display	1
38-32	750397	Pan Head Bolt (M5x10)	2
38-33	812005	Electric Relay Assembly	3
38-34	811523	Pan Head Bolt (M3x12)	2
38-37	811984	Head Light Assy. (RH)	1
38-38	811983	Head Light Assy. (LH)	1
38-39	750393	Self-Tapping Screw (M5x15)	4
38-40	650943	Button Head Bolt (M6x18)	6
38-41	811981	Headlight Bulb (12Vx35/35W)	2
38-42	811985	Tail Light	1
38-43	610031	Tail/Brake Light 12Vx21/5w	1
38-44	800504	Locking Flange Nut (M6x11)	2
38-45	811999	Speedometer Pickup	1
38-46	811996	Speedometer Bracket	1
38-47	812090	Speedometer Housing	1

39. Accessories



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Fig Ref	Item No.	Description	Qty Req
39-1	800457	Tool Pack	1
39-2	650727	Tool Kit Retainer Strap	1
39-3	812069	Hitch Plate Assembly	1
39-3-1	650911	Flange Bolt (M10x30)	2
39-3-2	812194	Spring Washer (M10x16x2)	2
39-3-3	812066	Hitch Plate	1
39-4	811072	E-TON Safety Flag (Complete)	1
39-4-1	811070	Flag & Mast	1
39-4-2	811071	Flag Holder Base	1
39-4-3	811077	Bolt & Washer (M8x16)	1
39-5	812135	Vector Owners Manual	1
39-6	812067	Hitch Ball 1-7/8" (M47.3)	1
39-6	812068	Hitch Ball 2" (M49.75)	1
39-7	800529	Tire Pressure Gage	1
39-8	610009	Blank Key (Left Cut)	1
39-9	810009	Blank Key (RH Cut)	1
39-14	812243	Rear Rack Assembly	1
39-14-1	750380	Flange Bolt (M8x20)	2
39-14-2	812244	Rear Rack Reflector	2
39-14-3	811233	Flange Nut (M5x11)	2