



ETON America

PARTS CATALOG

Viper 50

Table of Contents

Viper 50



Figure No.	Content Reference
01	Cylinder Head Crankshaft and Piston
02	Air Filter
03	Fan Cover and Engine Shroud
04	Carburetor
05	Crankcase and Oil Pump
06	Transmission
07	Kick Starter and Starter Clutch
08	CVT Driven Pulley
09	Engine Brackets and Oil Tank Brackets
10	AC Generator and Starter Motor
13	Exhaust
14	Frame
15	Foot Rest A Arms and Front Bumper
16	Body Covers Trim and Seat
18	Fuel and Oil Tanks
19	Suspension
20	Front Rear Wheels and Tires
22	Front Brakes
23	Rear Hydraulic Disc Brake
24	Handle Bar and Levers
25	Rear Drive Axle and Chain
26	Rear Swing Arm and Chain Guards
27	Steering System
28	Electrical Parts
29	Accessories
30	Viper Maintenance Parts Kit

01. Cylinder, Crankshaft & Piston

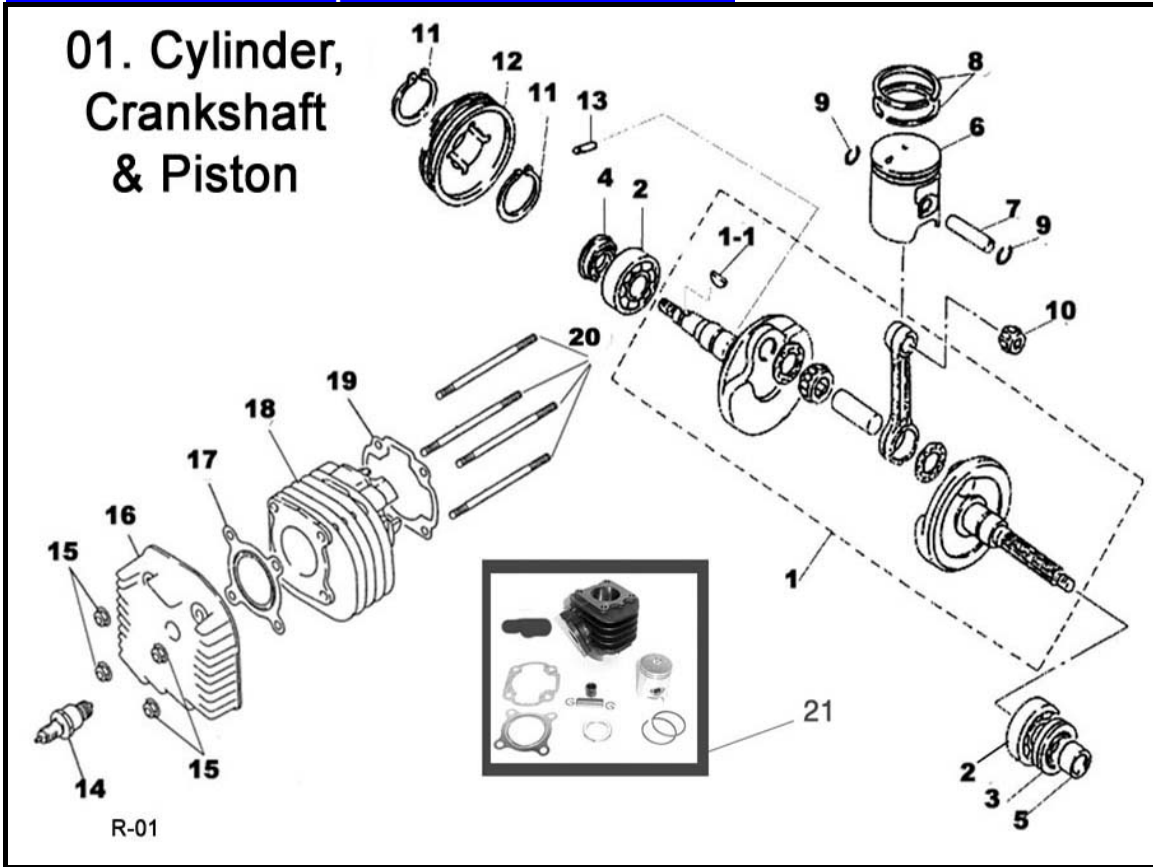
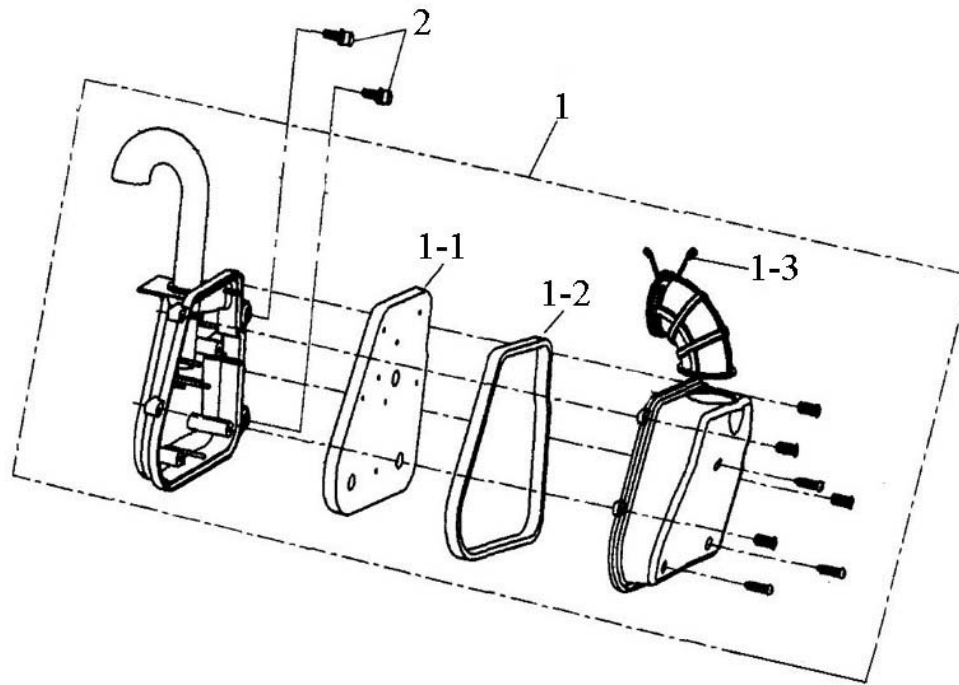


Fig Ref	Item No.	Description	Qty Req
1	650109	Crankshaft 50cc	1
1-1-1	650110	Woodruff Key	1
1-2	650111	Radial Ball Bearing	2
1-3	650112	Oil Seal LH	1
1-4	650113	Oil Seal RH	1
1-5	650114	Collar (M15x20x12)	1
1-6	650115	Piston 50cc	1
1-7	650116	Piston Wrist Pin	1
1-8	650117	Piston Ring (Set of 2)	1
1-9	650118	Circle-Clip (Pair)	2
1-10	650119	Connecting Rod Bearing	1
1-11	650138	Circle-Clip	2
1-12	650136	Pump Drive Gear	1
1-13	650137	Dowel Pin	1
1-14	650103	Spark Plug NGK (BPR7HS)	1
1-15	650107	Flange Nut (M7x15)	4
1-16	650101	Cylinder Head 50cc	1
1-17	650102	Cylinder Head Gasket 50cc	1
1-18	650104	Cylinder 50cc	1
1-19	650105	Cylinder Base Gasket	1
1-20	750281	Stud Bolt (M5x110)	4
1-21	810789	50cc Top End Kit	1

02. Air Filter



R_02_3

Fig Ref	Item No.	Description	Qty Req
2-1	650144	Air Cleaner Assembly	1
2-1-1	650145	Air Cleaner Element	1
2-1-2	650146	Air Filter Box Seal	1
2-1-3	610190	Tube Clip	1
2-2	700359	Socket Bolt & Washer (M6x20)	2

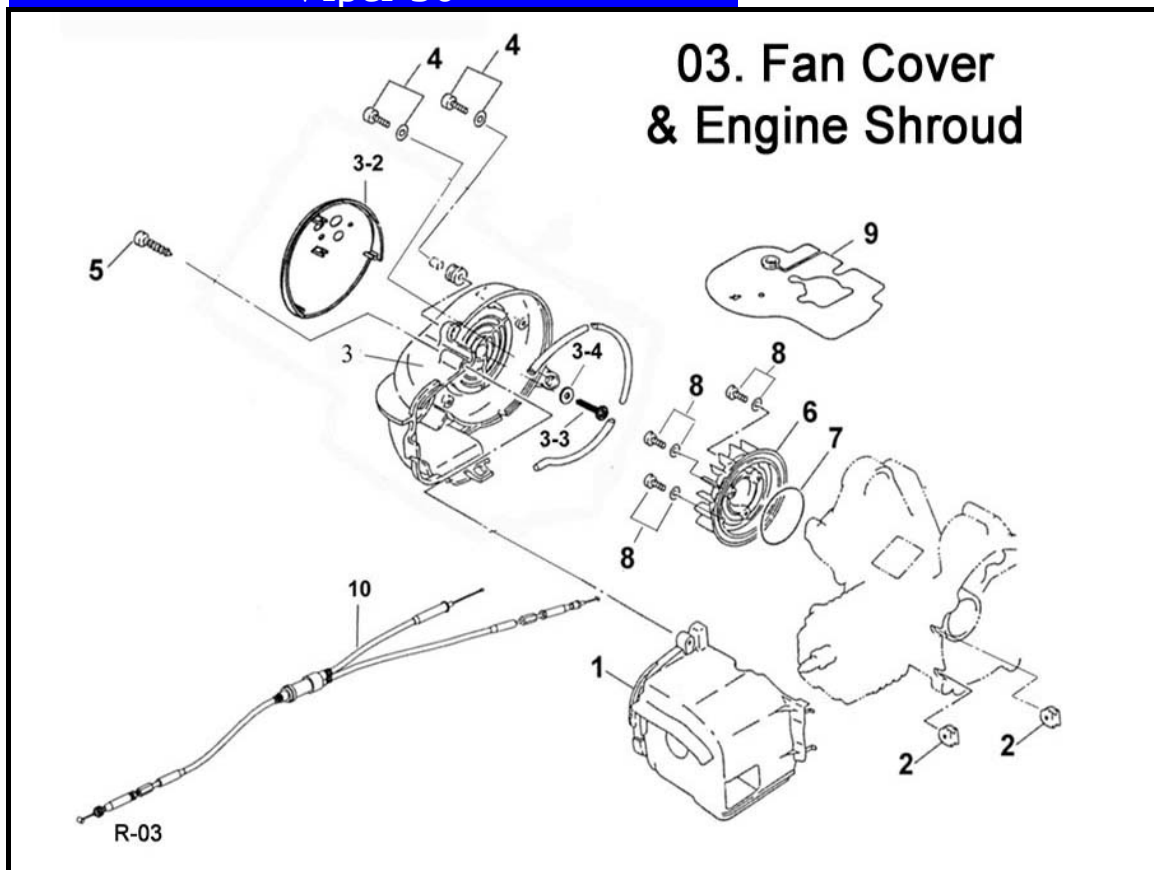
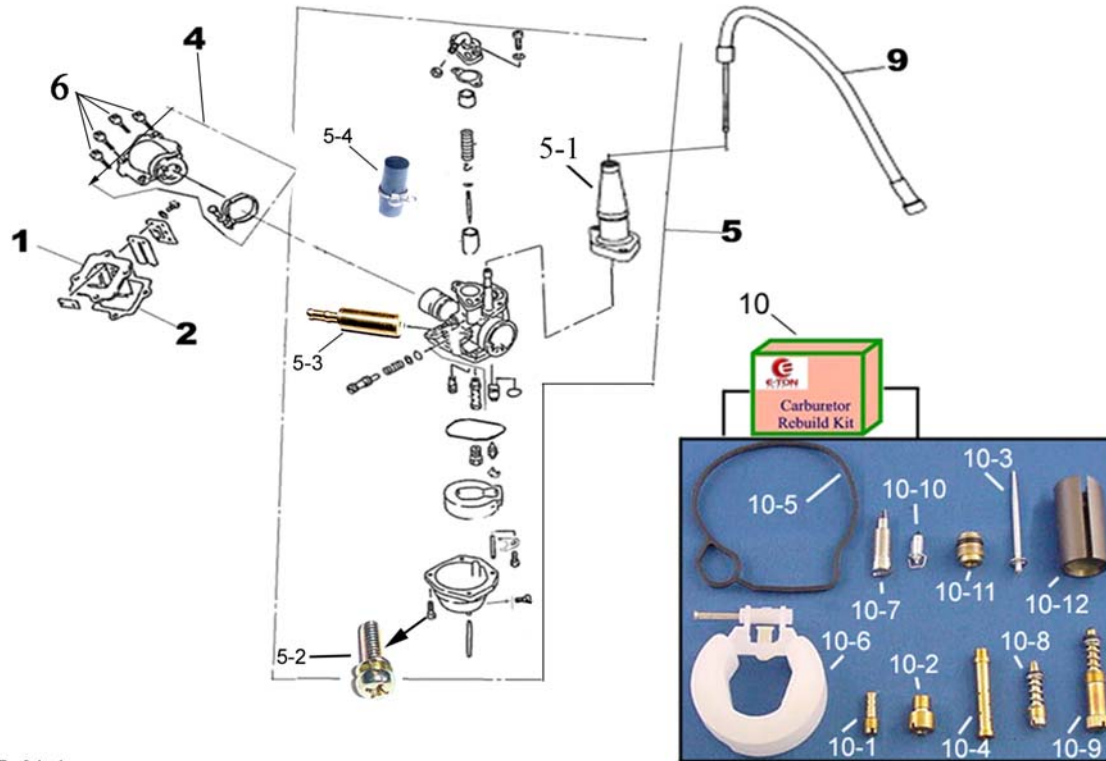


Fig Ref	Item No.	Description	Qty Req
3-1	650120	Engine Shroud	1
3-2	650121	Rubber Mount Block	2
3-3	650122	Fan Cover (Black)	1
3-3-2	810532	Fan Cover Plate (Black)	1
3-3-3	650131	Self Taping Screw (M5x16)	1
3-3-4	650132	Flat Washer (M5x18x1)	1
3-4	650123	Pan Head Bolt & Washer (M6x20)	2
3-5	650124	Self-Tapping Screw (M6x40)	1
3-6	650125	Fan	1
3-7	650126	O-Ring	1
3-8	650127	Pan Head Bolt & Washer (M6x16)	3
3-9	650128	Deflector	1
3-10	610013	Throttle Cable Assembly	1

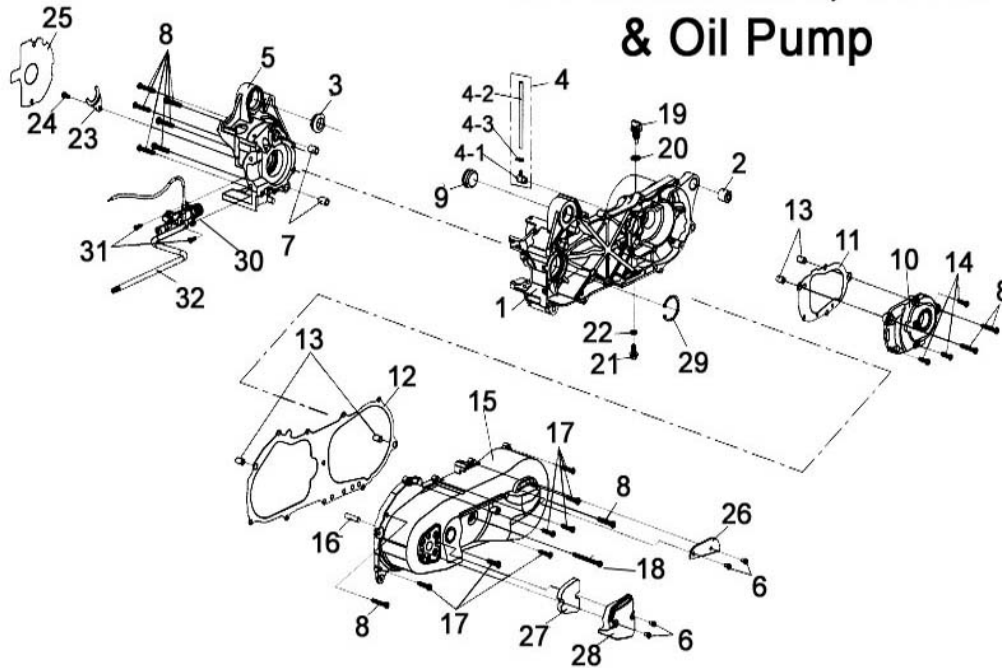
04. Carburetor



R_04_4

Fig Ref	Item No.	Description	Qty Req
4-1	650140	Reed Valve	1
4-2	650141	Reed Valve Gasket	1
4-4	650142	Intake Manifold	1
4-5	610200	Carburetor (Manual Choke 50cc)	1
4-5-1	610197	Manual Choke 50/70/90cc	1
4-5-2	650987	Carburetor Bowl Bolt	4
4-5-3	650012	Oil Check Valve	1
4-5-4	651011	Intake Cap	1
4-6	650143	Flange Bolt (M6x20)	4
4-9	610198	Manual Choke Cable	1
4-10	811124	Carburetor Kit (50cc)	1
10-1	811089	Pilot Jet #20	1
10-2	810409	Main Jet #85	1
10-3	610402	Jet Needle (*3CR1) 50cc	1
10-4	811125	Needle Jet (*426 E-1)	1
10-5	610405	Bowl Gasket	1
10-6	610406	Carburetor Float	1
10-7	610407	Carburetor Bowl Drain Bolt	1
10-8	812390	Air Adjustment Screw	1
10-9	812399	Throttle Adjustment Screw	1
10-10	610404	Float Valve Needle	1
10-11	812401	Needle Valve Seat	1
10-12	812402	Throttle Valve	1
04-NP	810410	Main Jet #80	1
04-NP	811092	Main Jet #88	1
04-NP	810408	Main Jet #90	1

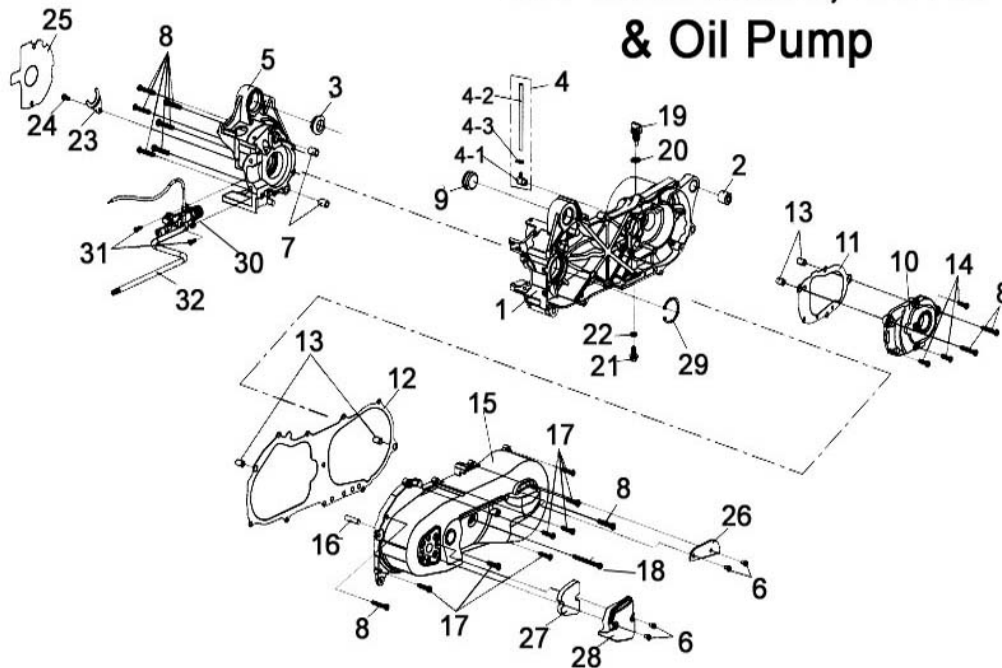
05. Crankcase, Cover & Oil Pump



R-05-5

Fig Ref	Item No.	Description	Qty Req
5-1	650149	Crankcase (LH-50cc)	1
5-2	650150	Rear Shock Absorber Bushing	1
5-3	650139	Rubber Plug	1
5-4	650151	Breather Hose	1
5-4-1	650991	Breather Joint	1
5-4-2	650992	Breather Hose	1
5-5	650152	Crankcase (RH-50cc)	1
5-6	650174	Pan Head Bolt (M5x7)	2
5-7	650153	Dowel Pin (10x14)	2
5-8	650154	Pan Head Bolt (M6x35)	10
5-9	650139	Rubber Plug	1
5-10	650155	Transmission Cover	1
5-11	650156	Transmission Cover Gasket	1
5-12	650157	Crankcase Cover Gasket (LH)	1
5-13	650158	Dowel Pin (M10x14)	4
5-14	650159	Pan Head Bolt (M6x20)	3
5-15	650160	Crankcase Cover (LH)	1
5-16	650161	Dowl Pin (8x31)	1
5-17	650163	Pan Head Bolt (M6x25)	8
5-18	650164	Pan Head Bolt (M6x65)	1
5-19	650165	Oil Filler Plug	1
5-20	650166	Oil Filler Plug O-Ring (13.8x2)	1
5-21	650167	Flange Bolt (M8x16)	1
5-22	650168	Flat Washer (M7x12x1)	1
5-23	650169	Retainer Plate	1
5-24	650170	Pan Head Bolt (M6x12)	1

05. Crankcase, Cover & Oil Pump



R-05-5

Fig Ref	Item No.	Description	Qty Req
5-25	650171	Crankcase Cover Gasket (RH)	1
5-26	650175	Inspection Hole Cover Plate	1
5-27	650172	C.V.T. Filter Element	1
5-28	650173	C.V.T. Filter Cover	1
5-29	650220	Circle-Clip (45.5x17.5)	1
5-30	650134	Oil Pump (50cc)	1
5-31	650135	Pan Head Bolt (M5x14)	2
5-32	811310	Clear_line Oil Pump Lines	1

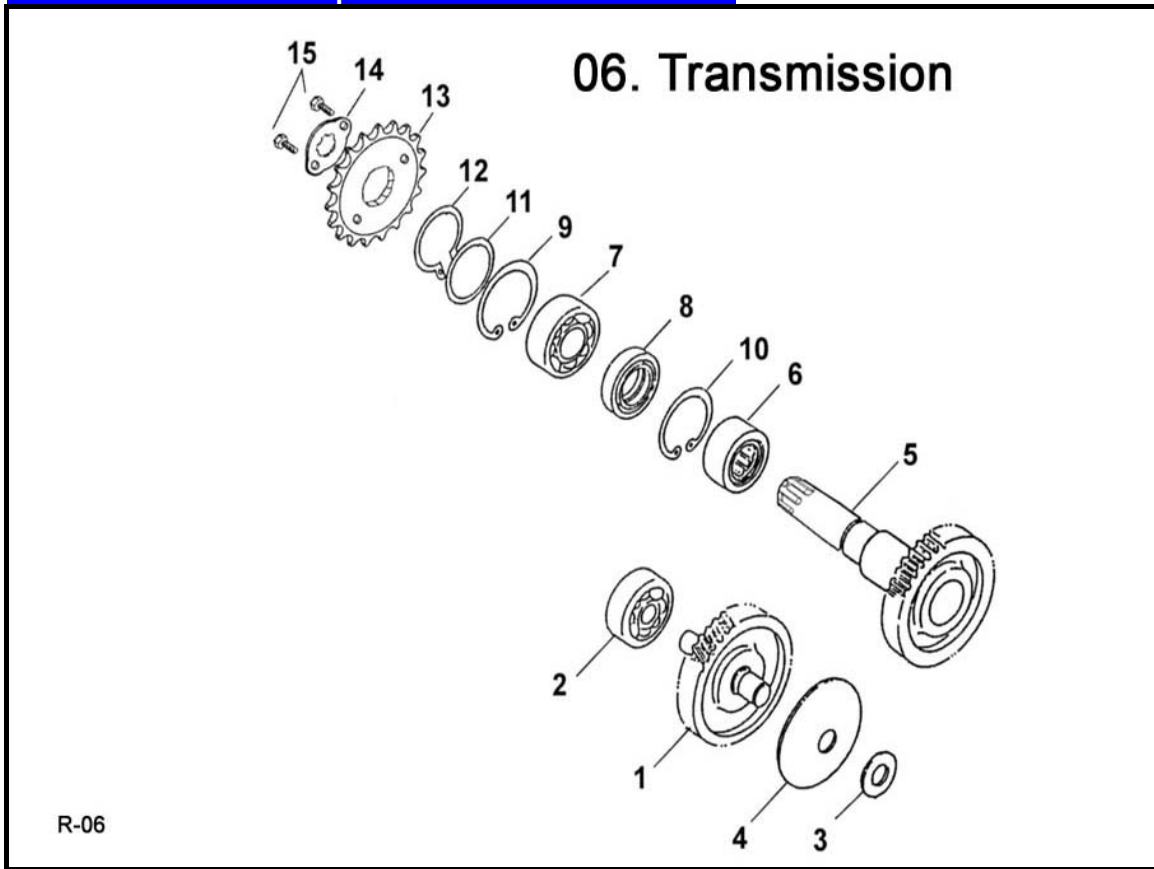
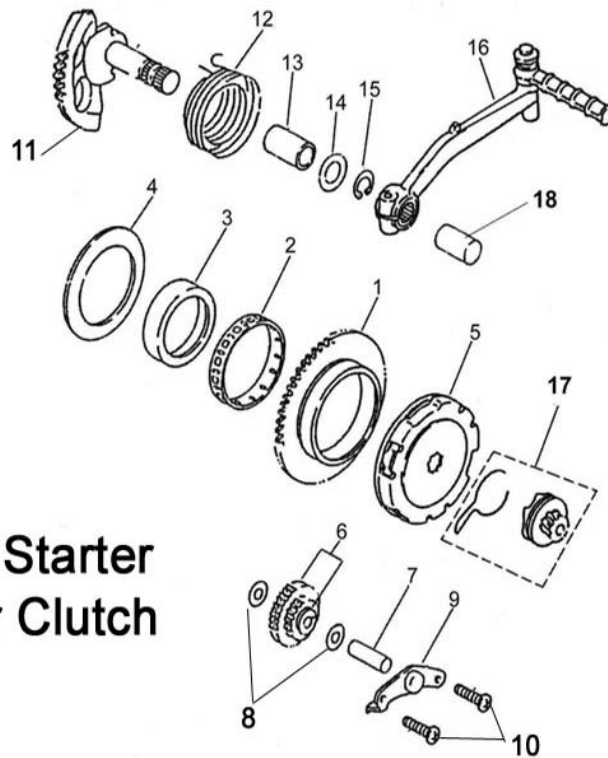


Fig Ref	Item No.	Description	Qty Req
6-1	650212	Counter Shaft	1
6-2	650213	Radial Ball Bearing	1
6-3	650214	Flat Washer (M11x21x1)	1
6-4	650215	Conical Washer (M11x60x1)	1
6-5	650216	Final Drive Shaft	1
6-6	650217	Needle Bearing	1
6-7	650218	Bearing (6004LLUA)	1
6-8	650219	Oil Seal (25x35x6)	1
6-9	650220	Circle-Clip (45.5x17.5)	1
6-10	650221	Circle-Clip (34.4x1.2)	1
6-11	650222	Flat Washer (M20x25x1)	1
6-12	650223	Circle-Clip #20	1
6-13	650224	Drive Chain Sprocket (420x19T)	1
6-14	650225	Sprocket Plate	1
6-15	650226	Bolt (M6x10)	2

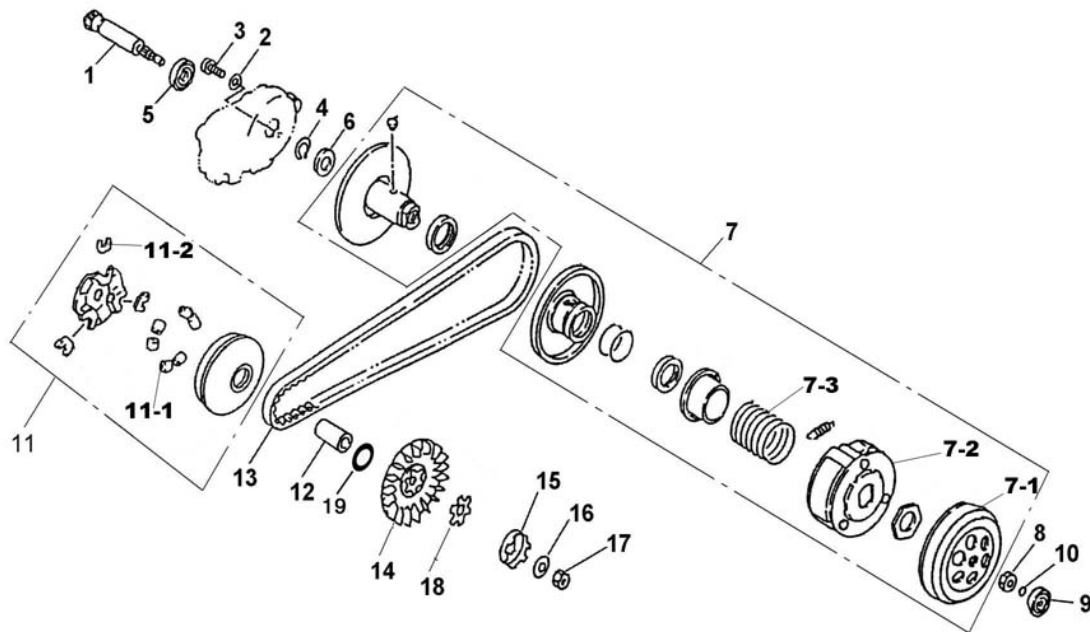
07. Kick Starter & Starter Clutch



R-07

Fig Ref	Item No.	Description	Qty Req
7-1	650177	Starter Wheel Gear	1
7-2	650178	Needle Bearing	1
7-3	650179	Boss Gear	1
7-4	650180	Flat Washer (M56x75x1)	1
7-5	650181	Starter Clutch	1
7-6	650182	Starter Motor Reduction Gear	1
7-7	650183	Reduction Gear Shaft	1
7-8	650184	Flat Washer (M7x15x1)	2
7-9	650185	Reduction Gear Retainer Plate	1
7-10	610201	Pan Head Bolt & Washer (M6x14)	2
7-11	650187	Kick Starter Spindle	1
7-12	650188	Torsion Spring	1
7-13	650189	Solid Bushing	1
7-14	650190	Flat Washer (M15x29x1)	1
7-15	650191	Circle-Clip	1
7-16	610136	Kick Starter Crank	1
7-17	650194	Kick Pinion Gear	1
7-18	651007	Kick Starter Shaft Rubber Cap	1

08. (C.V.T.) Driven Pulley



R_08_4

Fig Ref	Item No.	Description	Qty Req
8-1	650195	Primary Drive Gear	1
8-2	650196	Flat Washer (M5x19x1)	1
8-3	650197	Pan Head Bolt (M6x10)	1
8-4	650198	Circle-Clip	1
8-5	650199	Radial Ball Bearing 6003	1
8-6	650200	Oil Seal (17x28x5.5)	1
8-7	650201	Secondary Drive Pulley	1
8-7-1	811531	Drive Clutch Drum	1
8-7-2	811528	Drive Clutch Assembly	1
8-7-3	811529	Drive Face Spring	1
8-8	650202	Flange Nut (M10x22)	1
8-9	650203	Radial Ball Bearing	1
8-10	650204	O-Ring	1
8-11	650205	Drive Clutch Sliding Face	1
8-11-1	811526	Clutch Rollers 6.5g (Set 6)	1
8-11-2	811527	Slide Retainer Clips (Set 3)	1
8-12	650206	Collar (M12x19x38)	1
8-13	650207	V-Belt	1
8-14	650208	Drive Clutch Fixed Face	1
8-15	650209	Kick Starter Ratchet	1
8-16	650210	Conical Washer (M10x22)	1
8-17	650211	Hex Nut (M10x16x1.25)	1
8-18	811126	Drive Face Washer	1
8-19	811127	Flat Washer (M12x16x1)	1

9. Engine & Engine Mounting Bracket

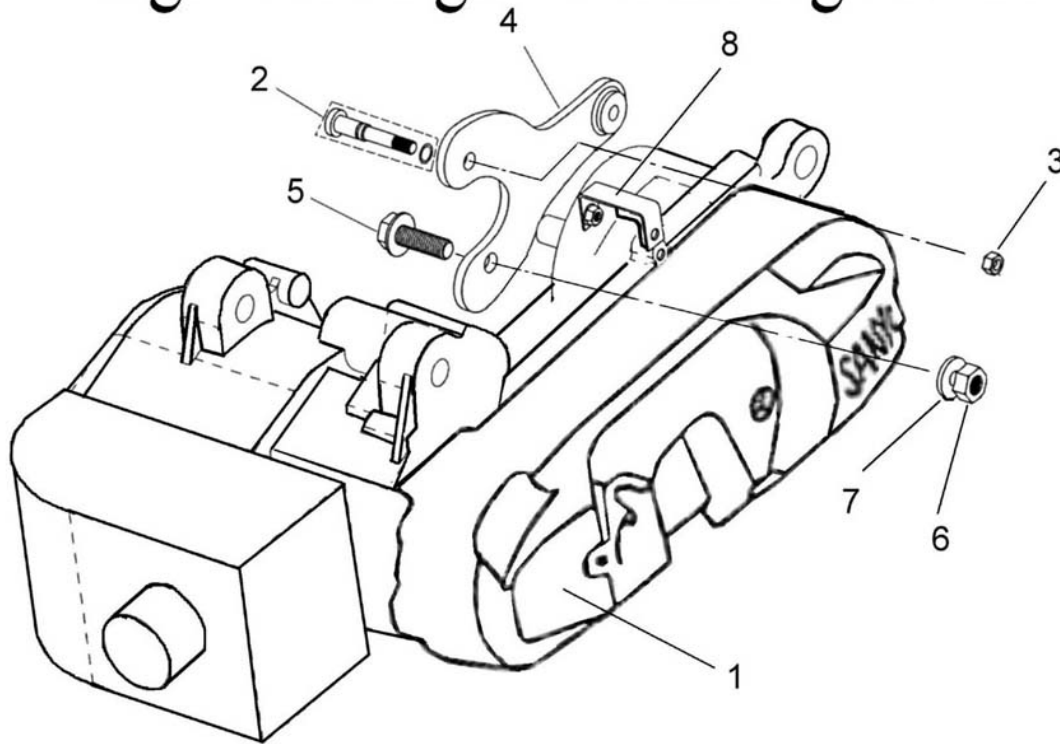


Fig Ref	Item No.	Description	Qty Req
9-1	810416	Engine 50cc	1
9-2	650227	Pivot Pin (M8x55)	1
9-3	650228	Locking Flange Nut (M6x18)	1
9-4	650229	Engine Bracket	1
9-5	650230	Flange Bolt (M12 X 38)	1
9-6	650231	Nut (M12x20)	1
9-7	650232	Flat Washer (M11x18x1)	1
9-8	610165	Oil Tank Bracket	1

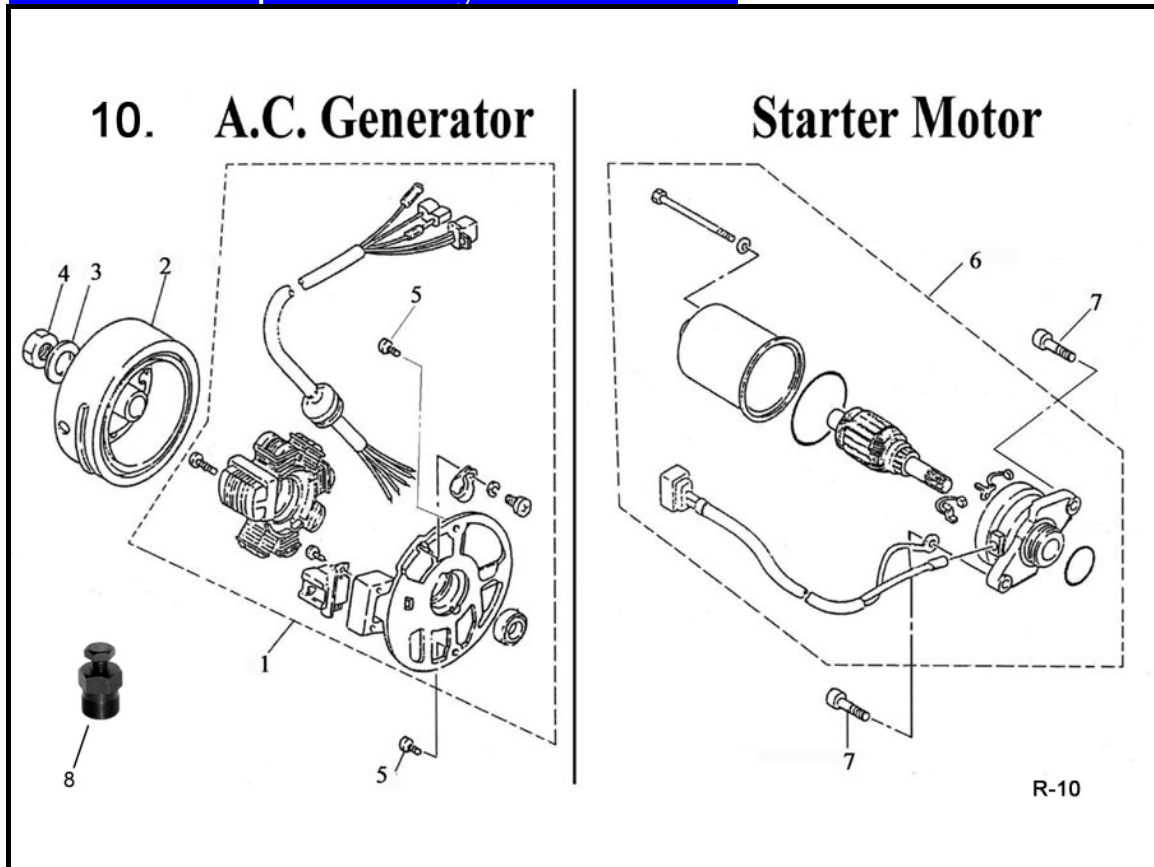


Fig Ref	Item No.	Description	Qty Req
10-1	650234	AC Generator	1
10-2	650235	Flywheel	1
10-3	650236	Flat Washer (M10x18x2)	1
10-4	650211	Hex Nut (M10x16x1.25)	1
10-5	650238	Pan Head Bolt (M6x16)	2
10-6	650239	Starter Motor	1
10-7	650240	Flange Bolt (M6x20)	2
10-8	650660	Fly Wheel Puller Tool	1

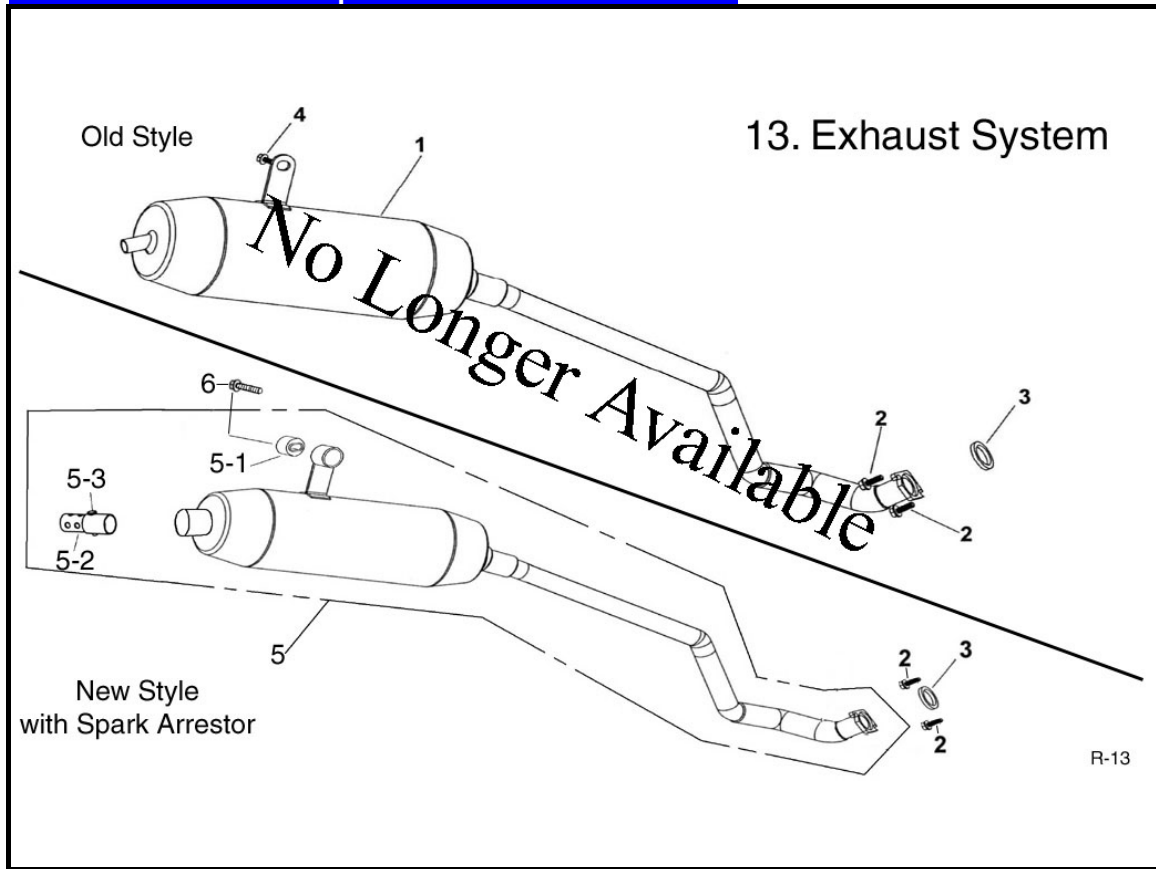


Fig Ref	Item No.	Description	Qty Req
13-1	650241	** No Longer Available	1
13-2	650242	Flange Bolt (M6x18)	2
13-3	650243	Exhaust Muffler Gasket	1
13-4	650244	Flange Bolt (M10x22)	1
13-5	811121	Exhaust Muffler Type (SA)	1
13-5-1	811009	Muffler Hanger Bushing	1
13-5-2	811008	Spark Arrestor Screen	1
13-5-3	811012	Spark Arrestor Bolt (M5x35)	1
13-6	650287	Flange Bolt (M10x48)	1

14. FRAME

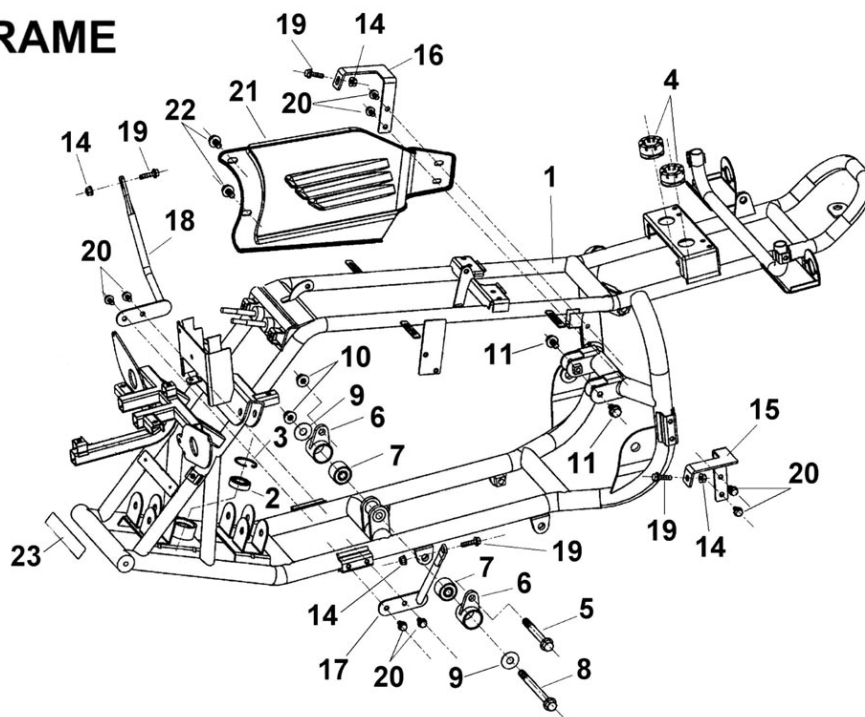


Fig Ref	Item No.	Description	Qty Req
14-1	610041	Viper Frame	1
14-2	650967	Bearing (6002ZC3)	1
14-3	650248	Circle-Clip	1
14-4	650250	Rubber Damper (37 X 13 X 23)	2
14-5	650251	Engine Set Bolt (M10 X 85)	1
14-6	650252	Engine Suspension Bracket	2
14-7	650253	Bushing	2
14-8	650254	Engine Set Bolt (M10 X 115)	1
14-9	650265	Flat Washer (M11x28x1)	2
14-10	700320	Locking Flange Nut (M10)	2
14-11	650256	Flange Bolt (M8 X 36)	2
14-14	800504	Locking Flange Nut (M6x11)	4
14-15	610042	Rear Fender Bracket (LH)	1
14-16	610043	Rear Fender Bracket (RH)	1
14-17	610044	Front Fender Bracket (LH)	1
14-18	610045	Front Fender Bracket (RH)	1
14-19	650307	Pan Head Bolt (M6 x 23)	4
14-20	650271	Flange Bolt (M6 X 12)	8
14-21	650993	Front Chain Cover	1
14-22	650294	Flange Bolt (M8 X 16)	2
14-23	650306	MFD Label	1

15. A-Arm, Footrest Bar & Front Bumper

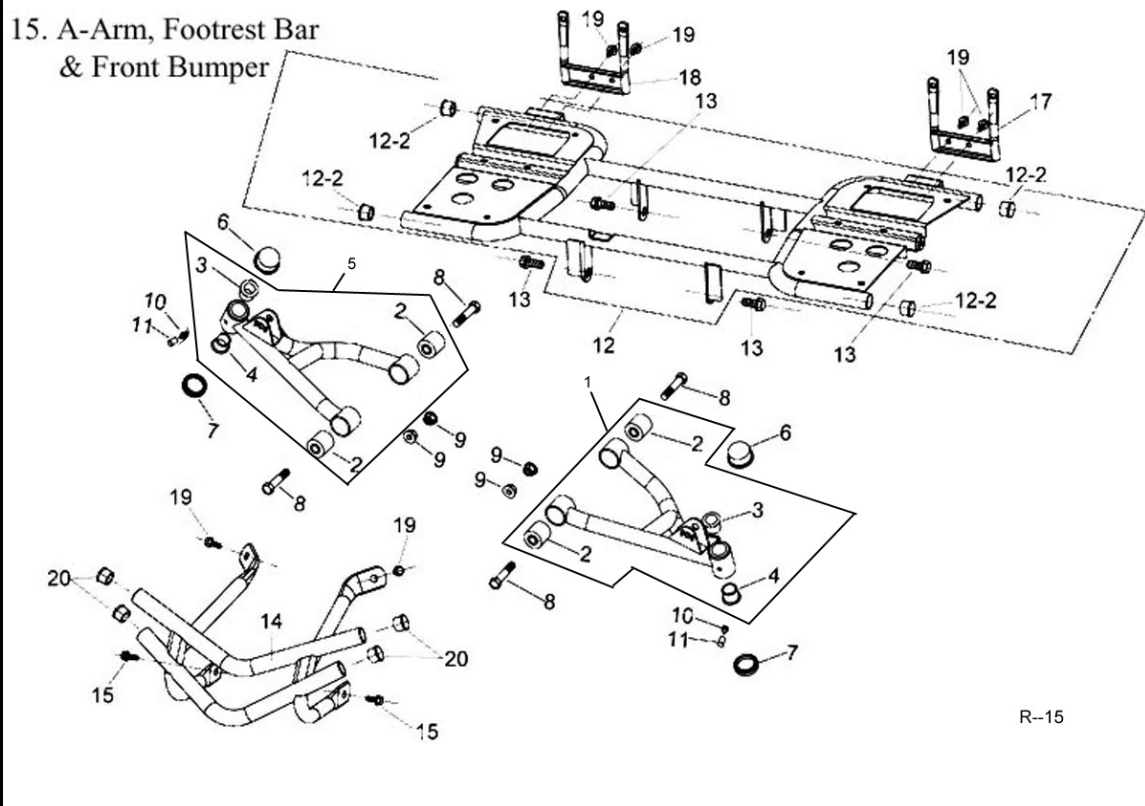


Fig Ref	Item No.	Description	Qty Req
15-1	610046	A-Arm (LH) Silver	1
15-2	650253	Bushing	4
15-3	650282	Oil Containing Bushing (015.5)	2
15-4	650283	Oil Containing Bushing (17)	2
15-5	610047	A-Arm (RH) Silver	1
15-6	650285	Dust Cover	2
15-7	650286	Dust Seal	2
15-8	650287	Flange Bolt (M10x48)	4
15-9	650255	Locking Flange Nut (M10x19)	4
15-10	650289	Grease Zerk	2
15-11	650290	Grease Zerk Cap	2
15-12	610063	Footrest Support	1
15-12-2	610066	Rubber Plug	4
15-13	650244	Flange Bolt (M10x22)	4
15-14	610058	Front Bumper Bar (Silver)	1
15-15	650294	Flange Bolt (M8 X 16)	2
15-17	610064	Footrest Rear Guard Bar (LH)	1
15-18	610065	Footrest Rear Guard Bar (RH)	1
15-19	650271	Flange Bolt (M6 X 12)	4
15-20	610066	Rubber Plug	4

16. Body Covers, Seat & Trim

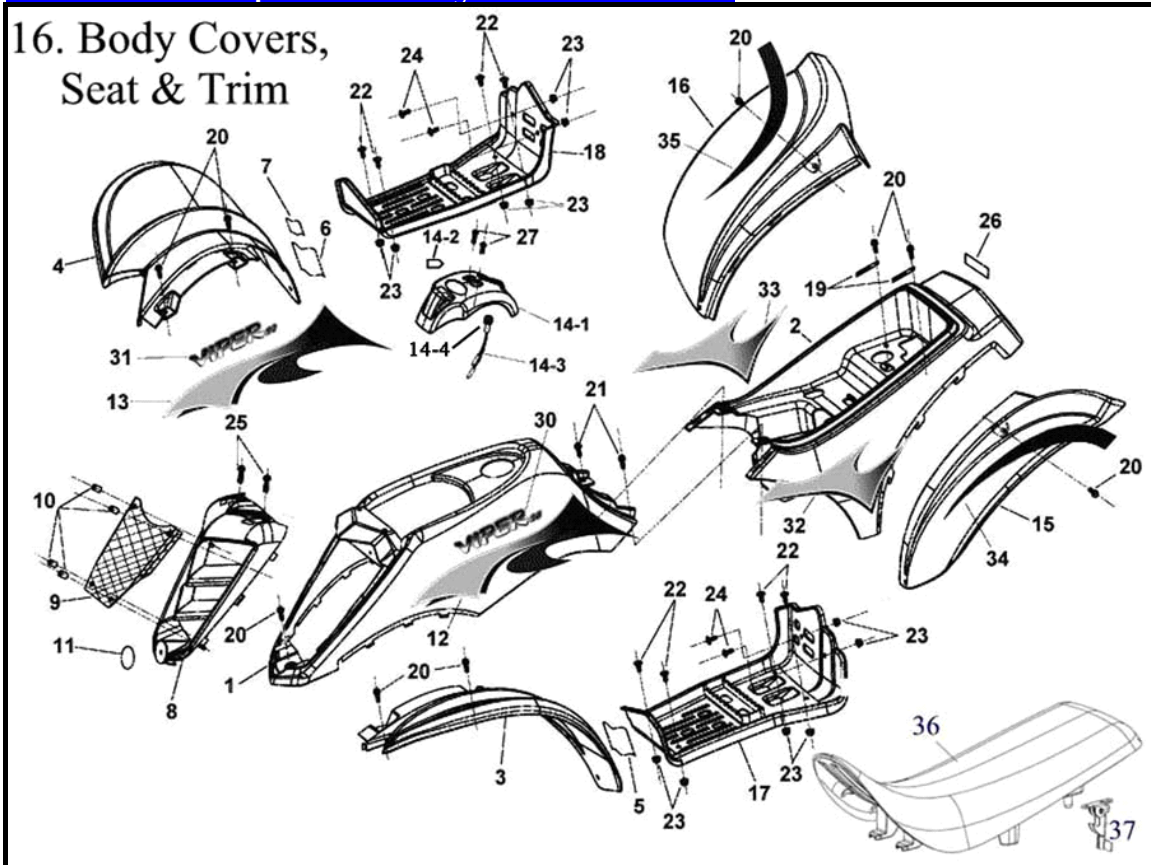


Fig Ref	Item No.	Description	Qty Req
16-1	990050	N/A - CPSIA Regulations	1
16-1	610086	Front Body Cover (Red)	1
16-1	610087	Front Body Cover (Blue)	1
16-2	990050	N/A - CPSIA Regulations	1
16-2	610094	Rear Body Cover (Red)	1
16-2	610095	Rear Body Cover (Blue)	1
16-3	990050	N/A - CPSIA Regulations	1
16-3	610080	Front Fender Panel (LH-Red)	1
16-3	610081	Front Fender Panel (LH-Blue)	1
16-4	990050	N/A - CPSIA Regulations	1
16-4	610083	Front Fender Panel (RH-Red)	1
16-4	610084	Front Fender Panel (RH-Blue)	1
16-5	650077	Warning Label (No Pass-Y6)	1
16-6	650024	Warning Label (Y6)	1
16-6	812319	Warning Label (Y8)	1
16-7	650995	Warning Label (Max 10mph)	1
16-8	990050	N/A - CPSIA Regulations	1
16-8	610089	Front Grill Panel (Red)	1
16-8	610090	Front Grill Panel (Blue)	1
16-9	610060	Front Grill Screen	1
16-10	610062	Grill Screen Fastener	4
16-11	750270	E-TON Logo Emblem (Silver)	1
16-12	610179	Viper Frnt Body Grph (Ylw/LH)	1
16-12	610180	Viper Frnt Body Grph (Red/LH)	1
16-13	610181	Viper Frnt Body Grph (Ylw/RH)	1
16-13	610182	Viper Frnt Body Grph (Red/RH)	1

16. Body Covers, Seat & Trim

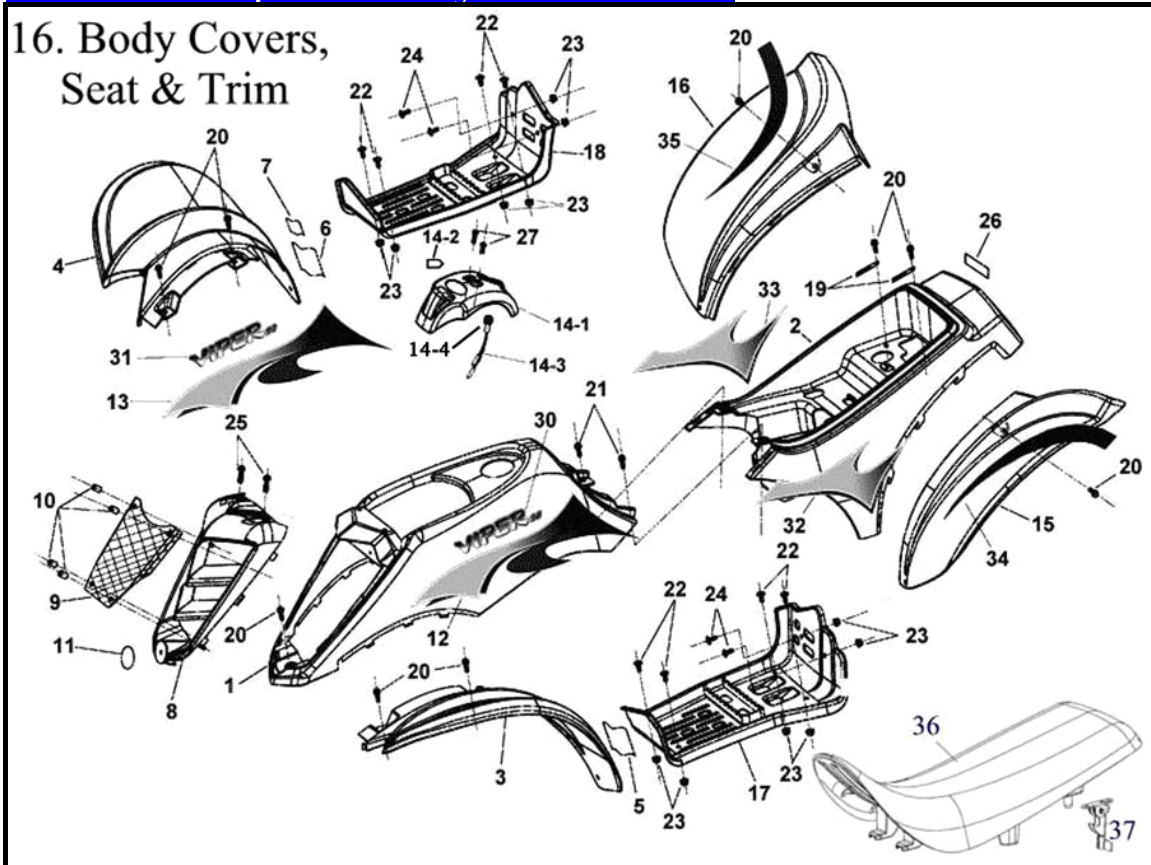


Fig Ref	Item No.	Description	Qty Req
16-14-1	990050	N/A - CPSIA Regulations	1
16-14-1	610075	Handle Bar Cover (Red)	1
16-14-1	610076	Handle Bar Cover (Blue)	1
16-14-2	610161	Oil Light Label	1
16-14-3	800542	Indicator light (Red)	1
16-14-4	610012	Indicator Light Nut (M9x11)	1
16-15	990050	N/A - CPSIA Regulations	1
16-15	610099	Rear Fender Panel (LH-Red)	1
16-15	610100	Rear Fender Panel (LH-Blue)	1
16-16	990050	N/A - CPSIA Regulations	1
16-16	610102	Rear Fender Panel (RH-Red)	1
16-16	610103	Rear Fender Panel (RH-Blue)	1
16-17	610096	Foot Rest Cover/Guard (LH)	1
16-18	610097	Foot Rest Cover/Guard (RH)	1
16-19	610061	Body Clamp Bar	2
16-20	650262	Bolt Washer & Nut (M6x18)	9
16-21	650901	Bolt & Washer (M6x20)	2
16-22	610118	Pan Head Bolt (M6x20)	8
16-23	800504	Locking Flange Nut (M6x11)	12
16-24	650943	Button Head Bolt (M6x18)	4
16-25	800374	Plastic Fastener	2
16-26	650994	Warning Label (Muffler)	1
16-27	650311	Pan Head Bolt (M6x12)	2
16-30	610174	Viper 50 Graphic	1
16-30	610134	Viper50 03 Body Grphc (LH)	1
16-31	610174	Viper 50 Graphic	1

16. Body Covers, Seat & Trim

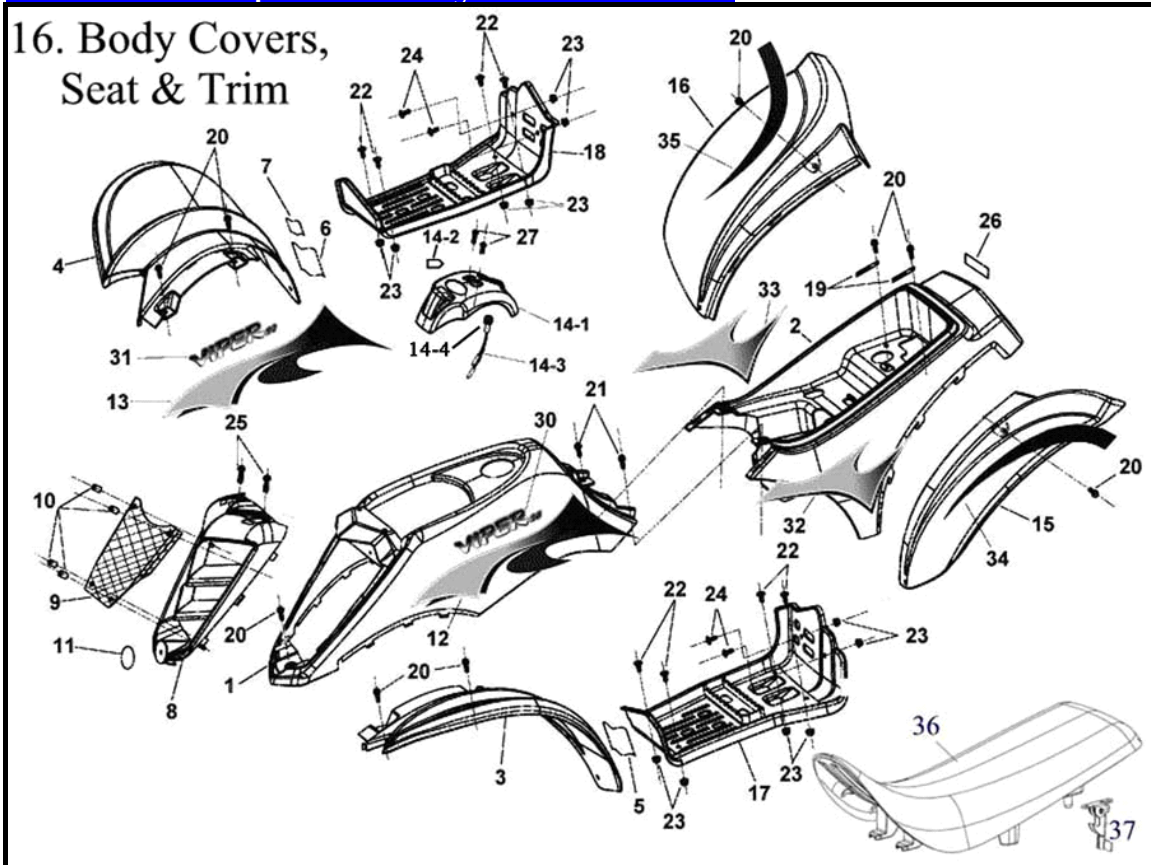


Fig Ref	Item No.	Description	Qty Req
16-31	610135	Viper50 03 Body Graphic (RH)	1
16-32	610185	Viper Rear Body Grph (Ylw/LH)	1
16-32	610186	Viper Rear Body Grph (Red/LH)	1
16-33	610187	Viper Rear Body Grph (Ylw/RH)	1
16-33	610188	Viper Rear Body Grph (Red/RH)	1
16-34	610183	Viper Rear Fender Graphic (LH)	1
16-35	610184	Viper Rear Fender Graphic (RH)	1
16-36	990050	N/A - CPSIA Regulations	1
16-36	610173	Viper Seat (Blk/Red)	1
16-37	610092	Seat Latch	1
16-30	610091	Viper Seat (Black)	1
16-NP	610902	Viper50 Grph Kit (2003 Front)	1
16-NP	610904	Viper 50 Graphic Kit (2003 Rear)	1
16-NP	610906	Viper50 Grph Kit 04 Frnt Red	1
16-NP	610912	Viper Grph Kit 04 Rear Red	1
16-NP	610907	Viper50 Grph Kit 04 Front Ylw	1
16-NP	610913	Viper Grph Kit 04 Rear Ylw	1

18. Fuel & Oil Tanks

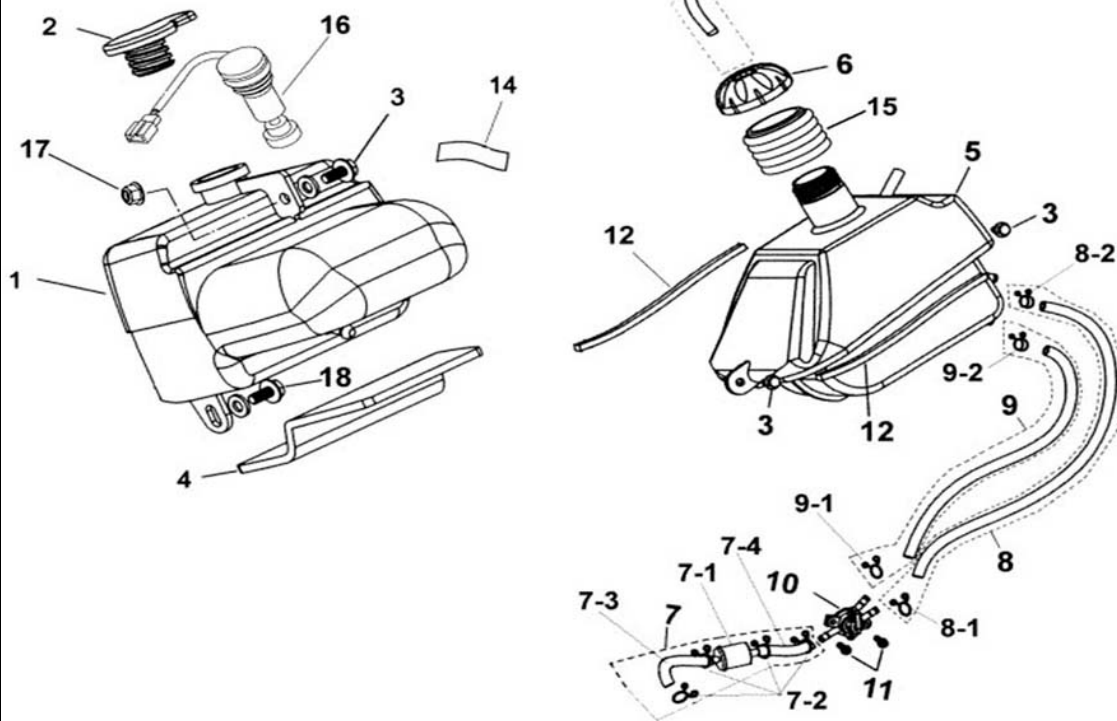


Fig Ref	Item No.	Description	Qty Req
18-1	610137	Oil Tank	1
18-2	650323	Oil Tank Cap	1
18-3	650901	Bolt & Washer (M6x20)	4
18-4	650325	Oil Tank Pad	1
18-5	811005	Fuel Tank	1
18-6	650327	Fuel Tank Cap	1
18-7	650328	Fuel Filter & Lines	1
18-7-1	800002	Fuel Filter Element	1
18-7-2	610008	Fuel Line Clip - A	4
18-7-3	610006	Fuel line - A	1
18-7-4	610007	Fuel Line - B	1
18-8	650329	Main Fuel Line	1
18-8-1	610008	Fuel Line Clip - A	1
18-8-2	610011	Fuel Line Clip - B	1
18-9	650330	Reserve Fuel Line	1
18-9-1	610008	Fuel Line Clip - A	1
18-9-2	610011	Fuel Line Clip - B	1
18-10	650331	Fuel Petcock	1
18-11	650332	Pan Head Bolt (M5x16)	2
18-12	650333	Foam Pad (5x10x200)	2
18-13	650853	Breather Tube	1
18-14	650533	Oil Level Label	1
18-15	650862	Fuel Cap Neck Seal	1
18-16	610138	Oil Tank Sending Unit	1
18-17	750334	Nut (M6x10)	1
18-18	610202	Flange Bolt (M6x17)	1

19. Suspension

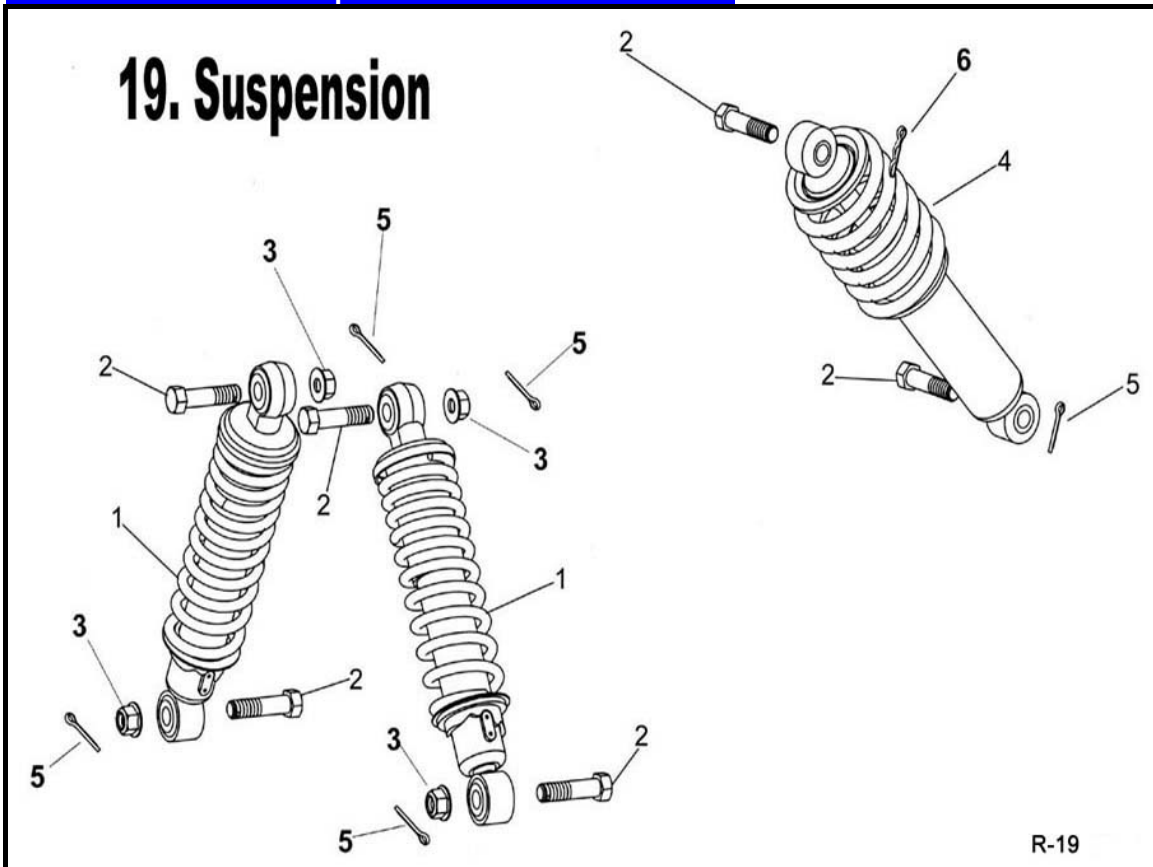


Fig Ref	Item No.	Description	Qty Req
19-1	610068	Front Shock Absorber (Silver)	2
19-2	650997	Pin Hole Bolt (M10 X 40)	6
19-3	750375	Locking Flange Nut (M10x19)	4
19-4	650036	Rear Shock Absorber	1
19-5	650339	Cotter Pin (1/8 x 1)	5
19-6	750318	Hair Pin Cotter	1

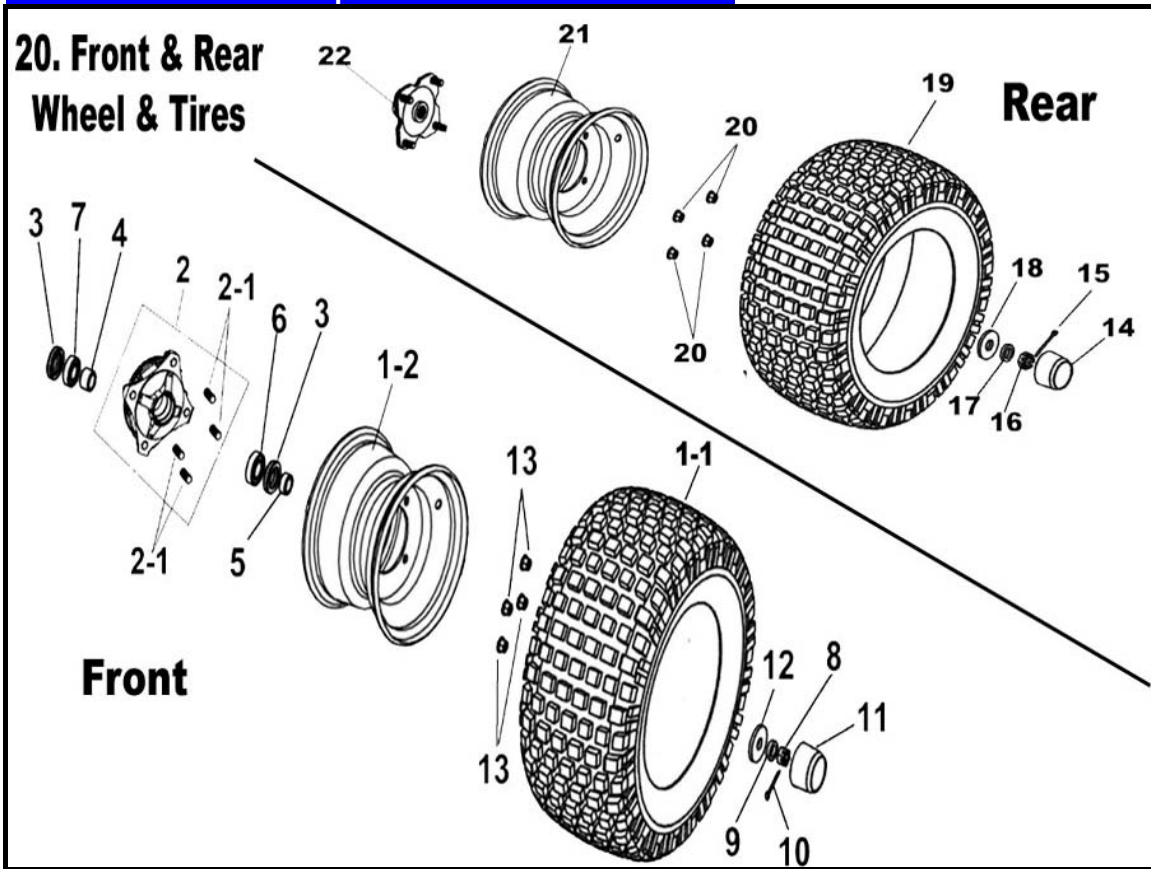


Fig Ref	Item No.	Description	Qty Req
20-1-1	650340	Tire (16x7x8)	2
20-1-2	610162	Wheel Rim (AT 7x5.5)	2
20-2	650538	Front Brake Drum	2
20-2-1	610040	Stub Bolt (M10x33)	8
20-3	650345	Oil Seal (22x35x7)	4
20-4	650346	Inner Spacer (15x21.7X15)	2
20-5	650347	Outer Spacer (15x21.7x10)	2
20-6	650999	Bearing (6002LLU)	2
20-7	750385	Bearing (6003LLU)	2
20-8	650350	Castle Nut (M12x16)	2
20-9	610139	Flat Washer (M12x20x2)	2
20-10	650352	Cotter Pin (1/8 x 1-1/2)	2
20-11	650353	Rubber Hub Cap	2
20-12	650354	Flat Washer (M10x40x4)	2
20-13	650961	Locking Flange Nut (M10x20)	8
20-14	650353	Rubber Hub Cap	2
20-15	650352	Cotter Pin (1/8 x 1-1/2)	2
20-16	650362	Castle Nut (M14x19)	2
20-17	800291	Flat Washer (M15x24x2)	2
20-18	650368	Flat Washer (M14x40x5))	2
20-19	650340	Tire (16x7x8)	2
20-20	650961	Locking Flange Nut (M10x20)	8
20-21	610162	Wheel Rim (AT 7x5.5)	2
20-22	650698	Shaft Connector	2

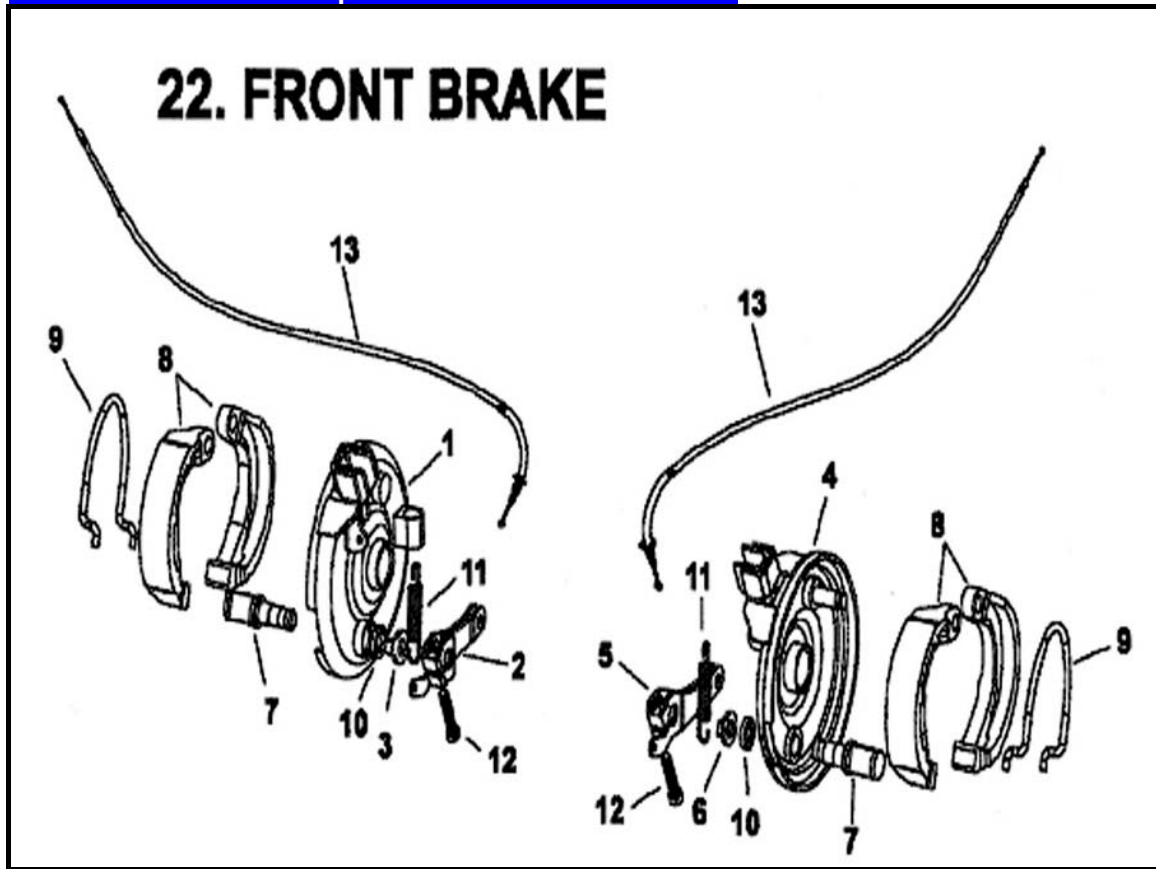
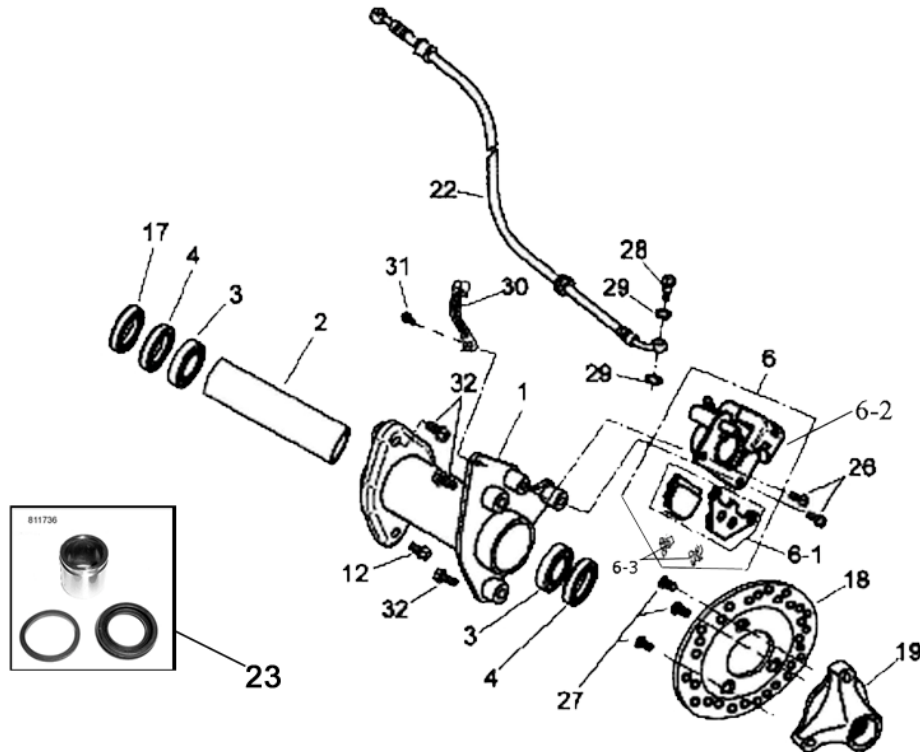


Fig Ref	Item No.	Description	Qty Req
22-1	650371	Front Brake Panel (LH)	1
22-2	650372	Front Brake Arm (LH)	1
22-3	650373	Front Brake Wear Indicator	1
22-4	650374	Front Brake Panel (RH)	1
22-5	650375	Front Brake Arm (RH)	1
22-6	650373	Front Brake Wear Indicator	1
22-7	650377	Front Brake Arm Cam	2
22-8	650378	Front Brake Shoe (Set)	2
22-9	650379	Brake Shoe Spring	2
22-10	650380	Brake Panel Felt Seal	2
22-11	650381	Brake Return Spring	2
22-12	650382	Bolt (M5 X 24)	2
22-13	610078	Front Brake Cable	2

23. Rear Hydraulic Brake



R-23

Fig Ref	Item No.	Description	Qty Req
23-1	610141	Rear Axle Bearing Seat	1
23-2	650385	Inner Axle Spacer	1
23-3	650386	Bearing (6006ZZ)	2
23-4	650811	Oil Seal (42x55x8)	2
23-6	610142	Rear Disc Brake Caliper	1
23-6-1	812805	Disc Brake Pads (Standard)	1
23-6-1	610143	Disc Brake Pads (Heavy Duty)	1
23-6-2	610010	Bleeder Valve & Cap	1
23-6-3	811466	Caliper Retainer Clip	1
23-12	650395	Flange Bolt (M12 X 25)	1
23-17	650976	Collar	1
23-18	610144	Rear Brake Rotor	1
23-19	610145	Brake Rotor Mount	1
23-22	610146	Rear Hydraulic Brake Line	1
23-23	811736	Brake Caliper Service Kit	1
23-26	650927	Flange Bolt (M8x35)	2
23-27	750292	Allen Head Bolt (M10x20)	3
23-28	750314	Brake Hose Union Bolt M10x21	1
23-29	750309	Flat Washer (M10x12x1)	2
23-30	610148	Brake Line Clip	1
23-31	650271	Flange Bolt (M6 X 12)	1
23-32	650396	Flange Bolt (M12 X 28)	3
23-33	650424	Spring Washer (M8x14x2)	2

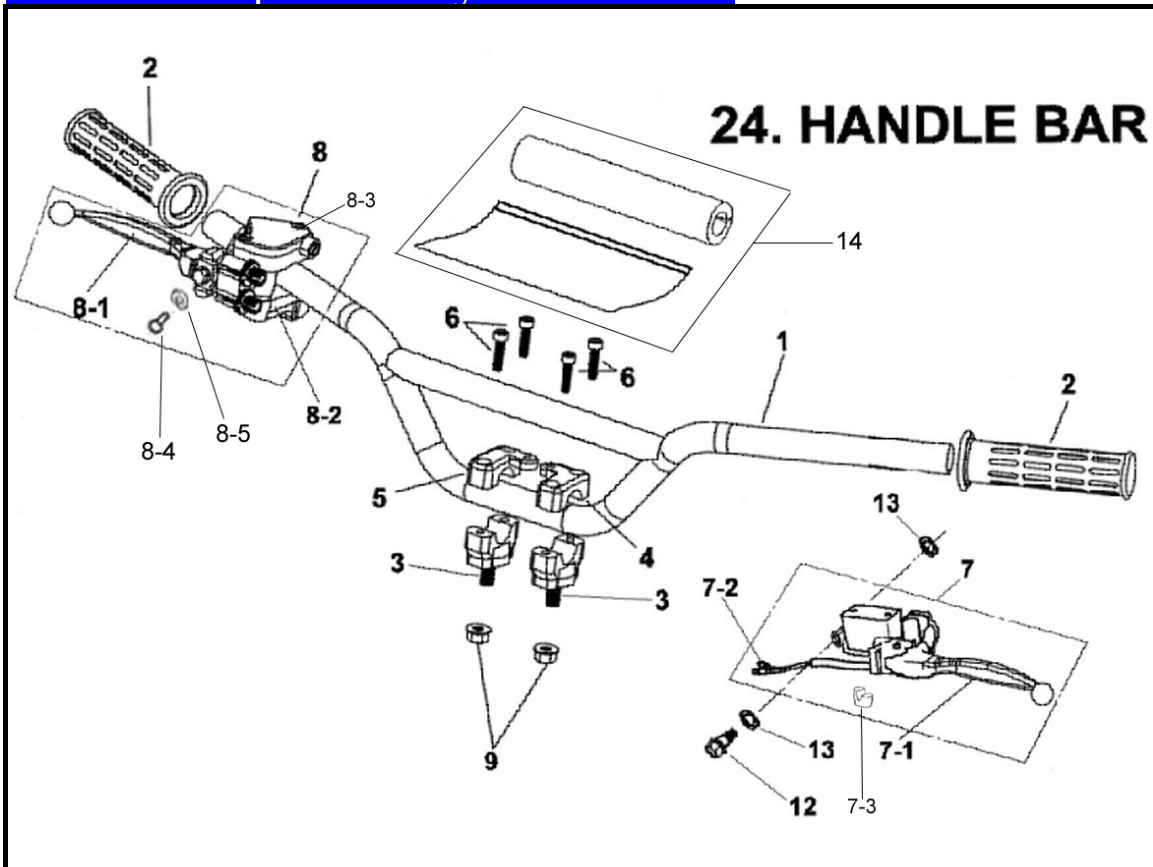


Fig Ref	Item No.	Description	Qty Req
24-1	610069	Handlebar	1
24-2	650410	Handlebar Grip	2
24-3	650411	Handlebar Clamp (Bottom)	2
24-4	650412	Handlebar Clamp Cap (LH)	1
24-5	650413	Handlebar Clamp Cap (RH)	1
24-6	650558	Socket Bolt (M6 X 25)	4
24-7	610149	Brake Master Cylinder & Lever	1
24-7-1	810561	Brake Lever (LH)	1
24-7-2	610152	Brake Switch Assembly	1
24-7-3	812416	Master Cylinder Bottom Clamp	1
24-8	610154	Front Brake Lever (RH)	1
24-8-1	610151	Lever, (only-RH)	1
24-8-2	610150	Throttle Lever (RH)	1
24-8-3	812425	Throttle Cover Assembly	1
24-8-4	650135	Pan Head Bolt (M5x14)	1
24-8-5	813213	Nut (M5x8)	1
24-9	650255	Locking Flange Nut (M10x19)	2
24-12	750314	Brake Hose Union Bolt M10x21	1
24-13	750309	Flat Washer (M10x12x1)	2
24-14	813847	Handlebar Pad & Cover	1

25 Rear Drive Axle System

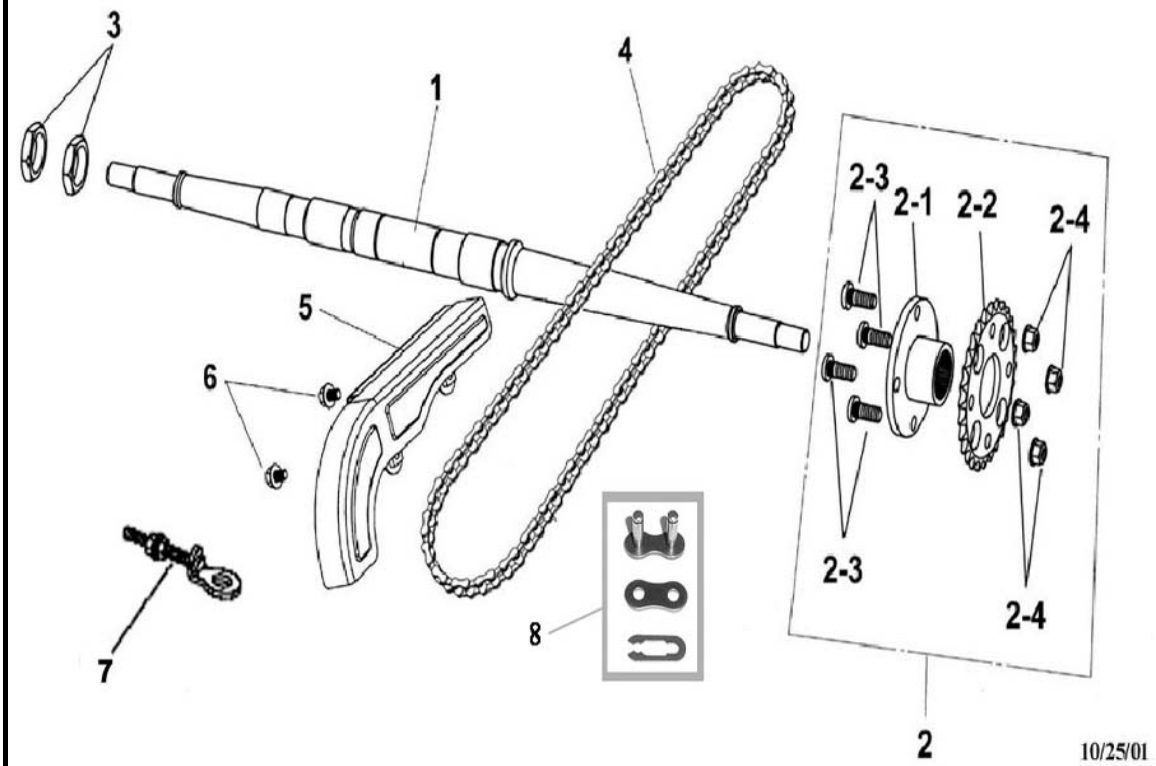
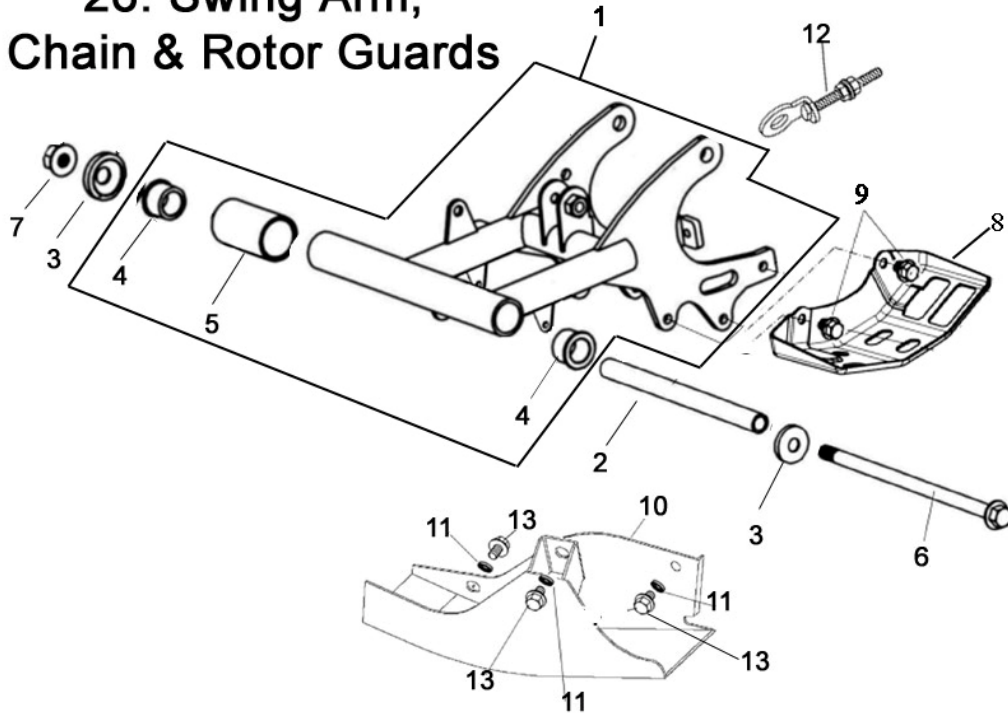


Fig Ref	Item No.	Description	Qty Req
25-1	650550	Rear Axle	1
25-2	651004	Rear Sprocket 420x28T & Holder	1
25-2-1	650422	Rear Sprocket Holder	1
25-2-2	610128	Rear Sprocket (420x28T)	1
25-2-3	650552	Stud Bolt (M10x25))	4
25-2-4	650255	Locking Flange Nut (M10x19)	4
25-3	650555	Rear Axle Nut (M28x35x8)	2
25-4	650052	Drive Chain (Std #420x84L)	1
25-5	811046	Upper Rear Chain Guard	1
25-6	650402	Flange Bolt (M8 X 12)	2
25-7	650966	Chain Adjuster	1
25-8	810590	Master Link #420	1

26. Swing Arm, Chain & Rotor Guards



R-26

Fig Ref	Item No.	Description	Qty Req
26-1	650011	Swing Arm	1
26-2	650274	Swing Arm Spacer (20x14.1x254)	1
26-3	650275	Swing Arm Seal Cover (30.8x35.	2
26-4	650273	Oil Containing Bushing (020)	2
26-5	650276	Swing Arm Chain Protector	1
26-6	650277	Swing Arm Set Bolt (M14 X 285)	1
26-7	650402	Flange Bolt (M8 X 12)	1
26-8	610158	Disc Brake Rotor Skid Plate	1
26-10	650426	Chain Skid Plate	1
26-11	650424	Spring Washer (M8x14x2)	3
26-12	650966	Chain Adjuster	1
26-13	650294	Flange Bolt (M8 X 16)	3

27. Steering System

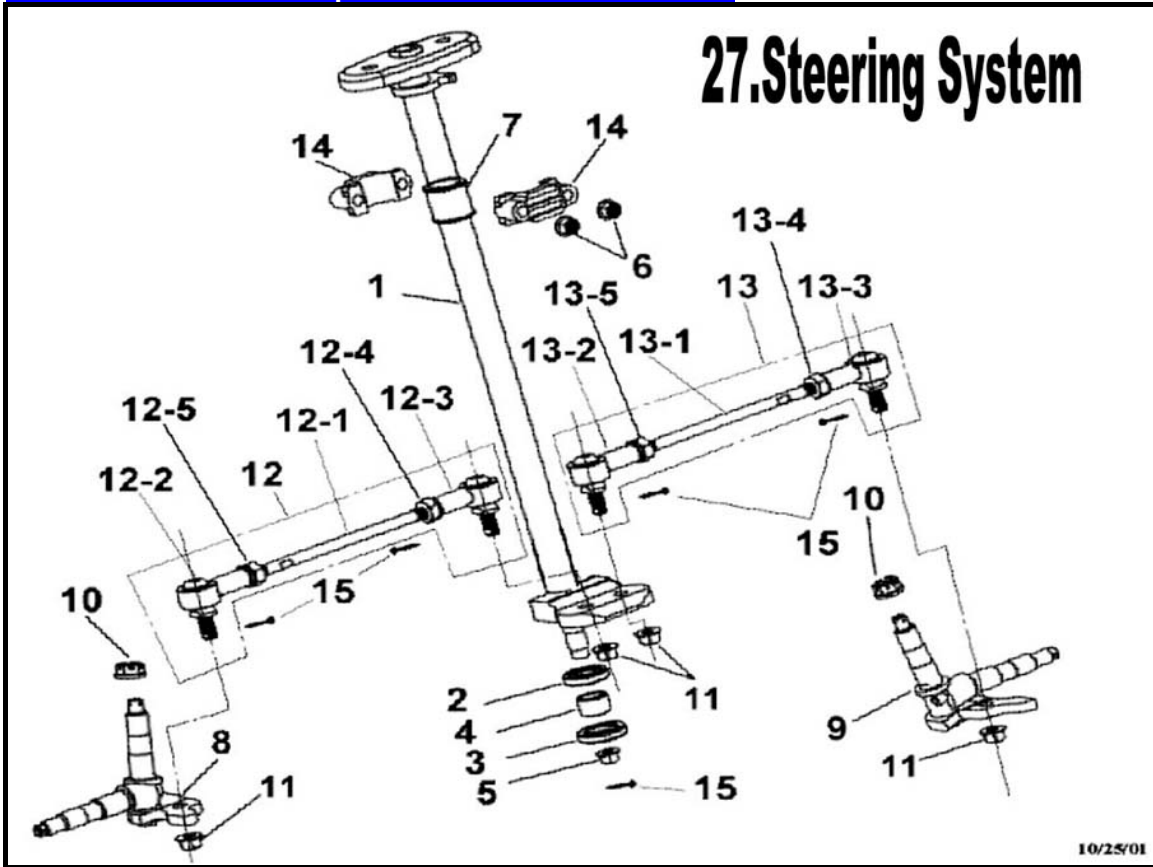
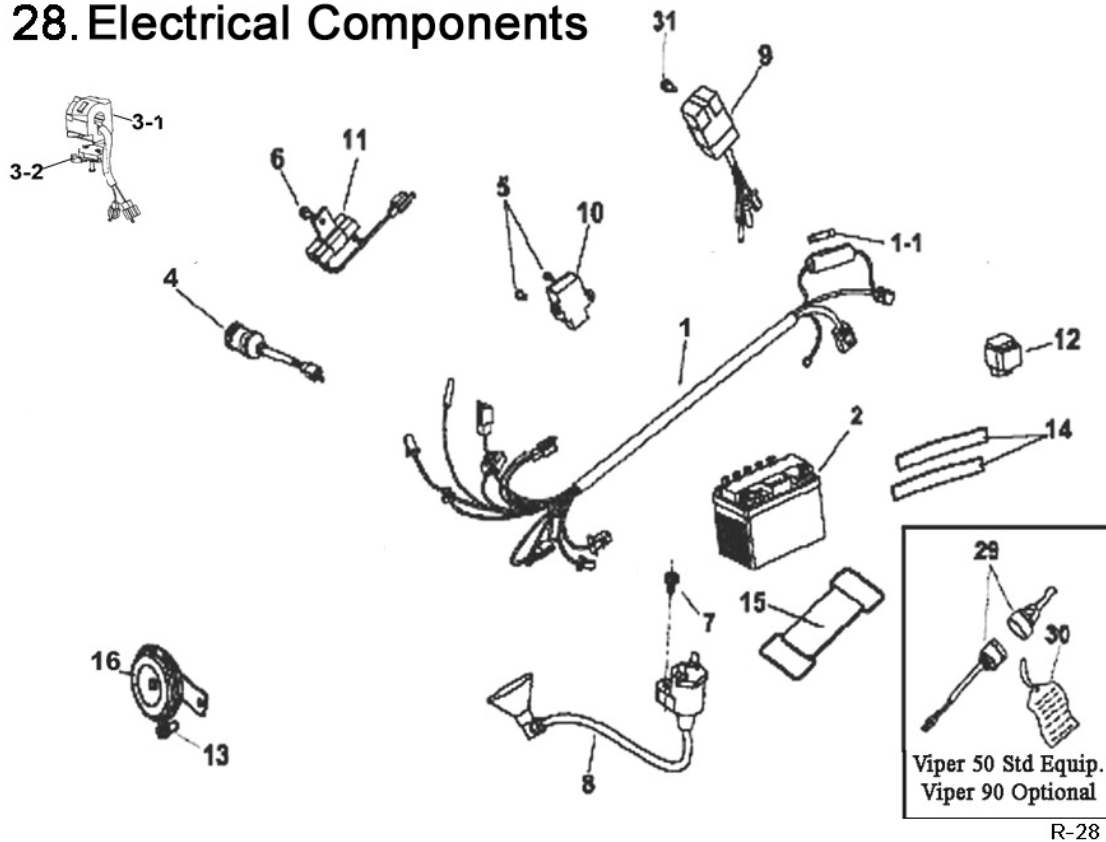


Fig Ref	Item No.	Description	Qty Req
27-1	811058	Steering Shaft	1
27-2	650430	Oil Seal (18x32x7)	1
27-3	650345	Oil Seal (22x35x7)	1
27-4	650346	Inner Spacer (15x21.7X15)	1
27-5	650278	Locking Flange Nut (M14x25)	1
27-6	650279	Locking Flange Nut (M8x18)	2
27-7	650435	PU Bushing Sleeve	1
27-8	700221	Knuckle (LH)	1
27-9	700227	Knuckle (RH)	1
27-10	650438	Locking Flange Nut (M10x20)	2
27-11	650255	Locking Flange Nut (M10x19)	4
27-12	650440	Steering Tie Rod (LH)	1
27-12-1	610048	Stud Bolt (M10x195)	1
27-12-2	610054	Tie Rod End (LH)	1
27-12-3	610056	Tie Rod End (RH)	1
27-12-4	610050	Nut (RH) (M10x16)	1
27-12-5	610051	Nut (LH) (M10x16)	1
27-13	650441	Steering Tie Rod (RH)	1
27-13-1	610048	Stud Bolt (M10x195)	1
27-13-2	610054	Tie Rod End (LH)	1
27-13-3	610056	Tie Rod End (RH)	1
27-13-4	610050	Nut (RH) (M10x16)	1
27-13-5	610051	Nut (LH) (M10x16)	1
27-14	650442	Steering Shaft Clamp	2
27-15	650339	Cotter Pin (1/8 x 1)	5

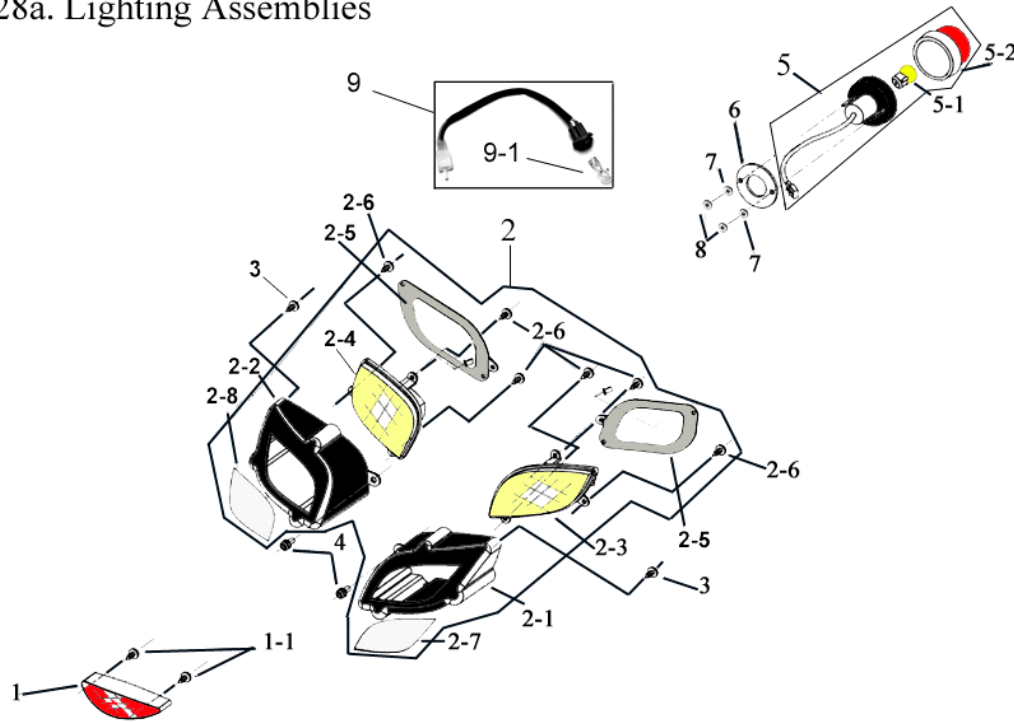
28. Electrical Components



R-28

Fig Ref	Item No.	Description	Qty Req
28-1	610024	Wiring Harness (2002-2004)	1
28-1-1	650565	Fuse (7A)	1
28-2	750173	Battery (WP5L-BS)	1
28-3-1	650719	Handlebar Switch	1
28-3-2	811386	Manual Choke Lever	1
28-4	650720	Ignition Key Switch (4wire)	1
28-5	650332	Pan Head Bolt (M5x16)	2
28-6	650399	Pan Head Bolt & Washer (M6x12)	1
28-7	610116	Bolt & Washer (M5x20)	2
28-8	610189	Ignition Coil	1
28-9	811114	C.D.I. Module (Stepper Pod)	1
28-10	650457	Rectifier	1
28-11	650458	Resistor	1
28-12	650459	Starter Relay	1
28-13	650946	Pan Head Bolt (M6x12)	1
28-14	650723	Foam Pad	2
28-15	651005	Battery Strap	1
28-16	610159	Horn	1
28-29	650452	Safety Tether Switch- Pre 2005	1
28-29	811154	Safety Tether Switch-2005 & Up	1
28-30	650460	Safety Switch Warning Tag	1
28-31	650453	Pan Head Bolt & Washer (M6x16)	2

28a. Lighting Assemblies



R90R_06_28a

Fig Ref	Item No.	Description	Qty Req
28a-1	610033	LED Assembly	1
28a-1-1	610194	Self-Tapping Screw (M4x13)	2
28a-2	610170	Head Light Set (LH & RH)	1
28a-2-1	610034	Head Light Cover (LH)	1
28a-2-2	610035	Head Light Cover (RH)	1
28a-2-3	610028	Head Light Lens (LH)	1
28a-2-4	610030	Head Light Lens (RH)	1
28a-2-5	610029	Head Light Gasket	2
28a-2-6	610194	Self-Tapping Screw (M4x13)	6
28a-2-7	610191	Head Light Decal (LH)	1
28a-2-8	610192	Head Light Decal (RH)	1
28a-3	650729	Self Tapping Screw (M4x16)	2
28a-4	650454	Pan Head Bolt & Washer (M6x20)	2
28a-5	610038	Tail Light	2
28a-5-1	610031	Tail Light Bulb (12Vx21/5w)	2
28a-5-2	811037	Tail Light Lens	2
28a-6	610032	Tail Light Gasket	2
28a-7	750337	Flat Washer (M5x10x1)	4
28a-8	700344	Lock Washer (M5x9x1)	4
28a-9	812463	Head Light Wiring Harness Kit	2
28a-9-1	610025	Head Light Bulb (12v/10w)	2

29. Accessories



Fig Ref	Item No.	Description	Qty Req
29-1	610110	Viper Owner's Manual	1
29-2	800529	Tire Pressure Gage	1
29-3	650728	Tool Kit	1
29-4	650727	Tool Kit Retainer Strap	1
29-5	610009	Blank Key (Left Cut)	1
29-6	810009	Blank Key (RH Cut)	1
29-7	990010	Chassis Plate (RXL 50M-90R)	1
29-8	811163	Remote Control Rcv/Trnmtr	1
29-11	990017	¼ X 3 ClrStone Fuel Filter	1
29-14	813783	Handlebar Grip Set (Blk/Blue)	1
29-14	813784	Handlebar Grip Set (Blk/Gray)	1
29-14	813785	Handlebar Grip Set (Blk/Ylw)	1
29-14	813786	Handlebar Grip Set (Blk/Red)	1
NP	200022	Viper 50 Parts Catalog	1
NP	200036	Viper Service Manual (2 Cycle)	1
NP	200106	Viper 50 Digital Reference CD	1

3/2/2005



ETON America

Kits & Accessories

Viper 50



**Graphics
Kit
2005
Front Red**

**Part No.
610906**



**Graphics
Kit
2005 Rear
Red**

**Part No.
610912**



**Graphics
Kit
2005 Front
Yellow**

**Part No.
610907**



**Graphics
Kit
2005 Rear
Yellow**

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Chassis Protection Plate

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