

Radiator

Let the Good Times Roll®

This diagram illustrates the assembly of a motorcycle engine and chassis. Key components and their assembly sequence are indicated by callouts and arrows:

- Engine Components:**
 - Ref. Cylinder Head:** The base for the cylinder assembly.
 - 16160:** The cylinder body, which is bolted to the head.
 - 16160A:** The piston and connecting rod assembly, which is inserted into the cylinder.
 - 59256:** The crankshaft, which is mounted on the frame.
 - 551:** The timing chain and sprockets, which are used to synchronize the piston and crankshaft.
 - 49063:** The timing chain tensioner, which maintains proper tension on the chain.
 - 11060:** The timing chain guide, which guides the chain around the sprockets.
 - 132, 132A, 132C, 132D, 132E, 132F:** Various bolts and washers used to secure the engine components.
 - 92022:** The timing chain cover, which protects the chain and sprockets.
 - 92055A:** The timing chain cover gasket, which seals the cover to the cylinder head.
 - 49054:** The timing chain cover bolt, which secures the cover to the head.
 - 92055:** The timing chain cover nut, which secures the cover to the head.
 - 132F:** The timing chain cover washer, which is used to secure the cover to the head.
- Chassis Components:**
 - Ref. Frame:** The main frame of the motorcycle, which serves as the base for the engine and other components.
 - 39062C:** The swingarm, which is mounted to the frame and the rear axle.
 - 39062B:** The swingarm pivot, which connects the swingarm to the frame.
 - 39062D:** The swingarm shock absorber, which provides damping for the rear suspension.
 - 39061:** The swingarm shock absorber mount, which connects the shock absorber to the swingarm.
 - 49085:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037A:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037B:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037C:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037D:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037E:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037F:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037G:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037H:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037I:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037J:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037K:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037L:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037M:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037N:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037O:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037P:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037Q:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037R:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037S:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037T:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037U:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037V:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037W:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037X:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
 - 92037Y:** The swingarm shock absorber nut, which secures the shock absorber to the swingarm.
 - 92037Z:** The swingarm shock absorber bolt, which secures the shock absorber to the swingarm.
- Other Components:**
 - 21008:** The front fork, which is used to support the front wheel.
 - 14037:** The front fork cap, which protects the front fork.
 - 132B:** The front fork seal, which seals the front fork.
 - 224:** The front fork nut, which secures the front fork to the frame.
 - 92210:** The front fork nut, which secures the front fork to the frame.
 - 92210A:** The front fork nut, which secures the front fork to the frame.
 - 92160:** The front fork nut, which secures the front fork to the frame.
 - 92171:** The front fork nut, which secures the front fork to the frame.
 - 92171A:** The front fork nut, which secures the front fork to the frame.
 - 92171B:** The front fork nut, which secures the front fork to the frame.
 - 92009:** The front fork nut, which secures the front fork to the frame.
 - 43078:** The front fork nut, which secures the front fork to the frame.
 - 92072:** The front fork nut, which secures the front fork to the frame.

2015 BRUTE FORCE® 750 4x4i

PARTS LIST

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ITEM NAME	PART NUMBER	QUANTITY
GASKET,RESERVOIR TANK CAP (Ref # 11009)	11009-1145	1
CAP (Ref # 11012)	11012-1084	1
GASKET,WATER PUMP (Ref # 11060)	11060-1964	1
SCREEN (Ref # 14037)	14037-0742	1
COVER-PUMP,WATER (Ref # 16142)	16142-0069	1
BODY,THERMOSTAT,LWR (Ref # 16160)	16160-0189	1
BODY,THERMOSTAT,UPP (Ref # 16160A)	16160-0225	1
BREAKER,FAN MOTOR (Ref # 21008)	21008-0555	1
RADIATOR-ASSY (Ref # 39061)	39061-0589	1
HOSE-COOLING,FR HEAD-THERMO (Ref # 39062)	39062-0316	1
HOSE-COOLING,5X9X800 (Ref # 39062A)	39062-0321	1
HOSE-COOLING,RADIATOR-PUMP (Ref # 39062B)	39062-0587	1
HOSE-COOLING,THERMO-RADIATOR (Ref # 39062C)	39062-0630	1
HOSE-COOLING,5X9X410 (Ref # 39062D)	39062-0631	1
RESERVOIR (Ref # 43078)	43078-0070	1
THERMOSTAT (Ref # 49054)	49054-1055	1
SEAL-MECHANICAL,WATER (Ref # 49063)	49063-1055	1
CAP-ASSY-PRESSURE (Ref # 49085)	49085-0005	1
IMPELLER (Ref # 59256)	59256-1069	1
FAN-ASSY (Ref # 59502)	59502-0554	1
SCREW,6X16 (Ref # 92009)	92009-1694	1
WASHER,6.2X11X1 (Ref # 92022)	92022-304	2
CLAMP,TUBE (Ref # 92037)	92037-1461	3
CLAMP,COOLING HOSE (Ref # 92037A)	92037-1589	2
RING-O,22.1X2.4 (Ref # 92055)	92055-1081	1
RING-O,44.7X2.4 (Ref # 92055A)	92055-1279	1
GROMMET (Ref # 92071)	92071-1115	1
BAND,L=149 (Ref # 92072)	92072-031	1
DAMPER (Ref # 92075)	92075-209	2

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ITEM NAME	PART NUMBER	QUANTITY
BOLT,6X12 (Ref # 92154)	92154-0741	4
DAMPER (Ref # 92160)	92160-1007	2
CLAMP,COOLING HOSE (Ref # 92171)	92171-0060	3
CLAMP (Ref # 92171A)	92171-0179	1
CLAMP,L=60 (Ref # 92171B)	92171-0652	1
NUT (Ref # 92210)	92210-0754	2
NUT (Ref # 92210A)	92210-1323	4
BOLT-FLANGED-SMALL,6X12 (Ref # 132)	132BA0612	2
BOLT-FLANGED-SMALL,6X20 (Ref # 132A)	132BA0620	3
BOLT-FLANGED-SMALL,6X25 (Ref # 132B)	132BA0625	2
BOLT-FLANGED-SMALL,6X30 (Ref # 132C)	132BA0630	1
BOLT-FLANGED-SMALL,6X50 (Ref # 132D)	132BA0650	1
BOLT-FLANGED-SMALL,6X90 (Ref # 132E)	132BA0690	2
BOLT-FLANGED-SMALL,6X12 (Ref # 132F)	132BD0612	2
SCREW-PAN-WP-CROS,6X14 (Ref # 224)	224AB0614	2
PIN-DOWEL,4X8 (Ref # 551)	551A0408	2