

# Parts diagrams



**2008-2009  
RR/RS Models**

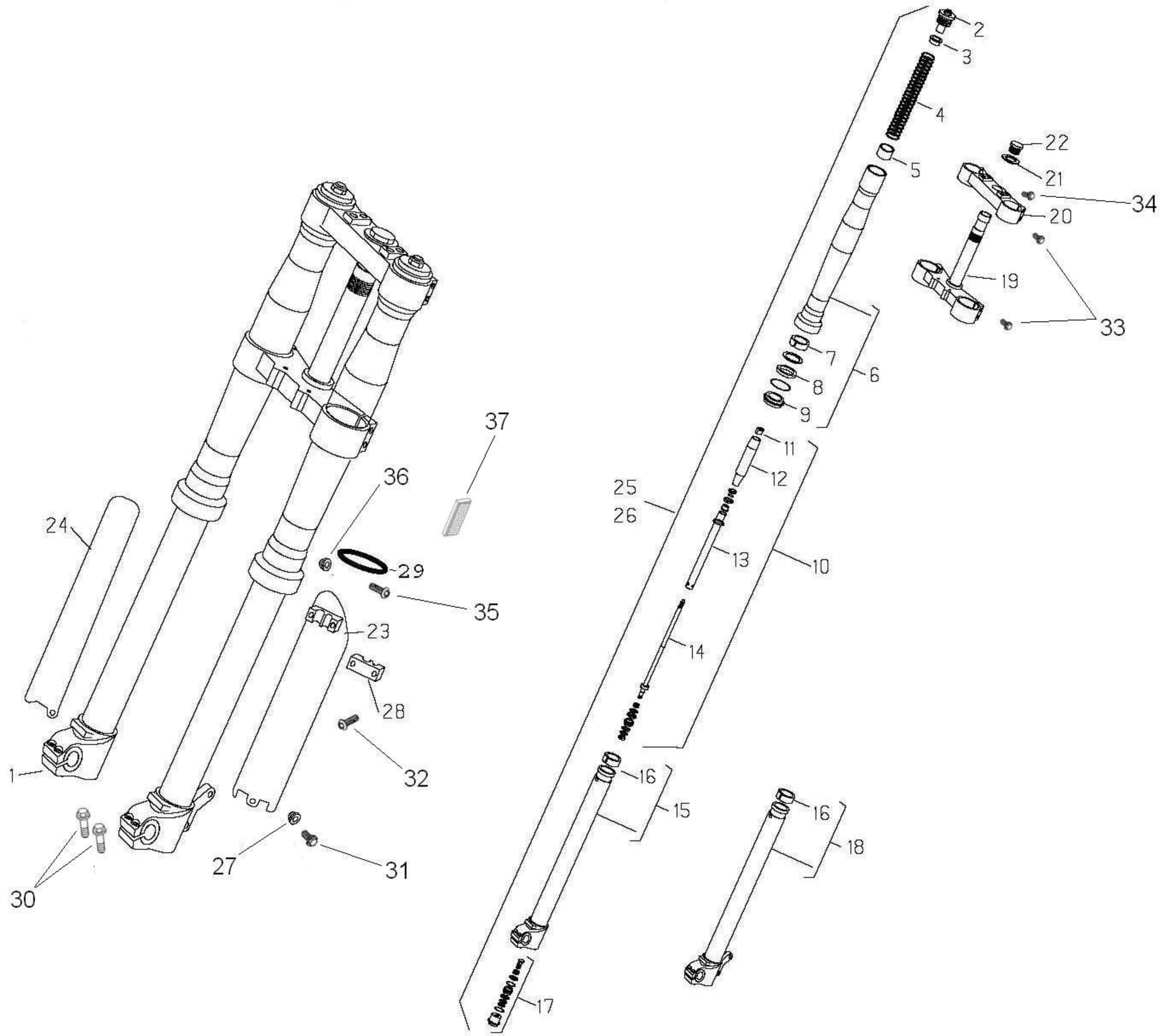


**Beta**  
*motorcycles*

## Table Of Contents

Description	Page #
front fork	1
handlebar, clutch pump, meter (RR Models)	2
handlebar, clutch pump, meter (RS Models)	3
frame, subframe	4
rear shock, swingarm	5
exhaust	6
airbox	7
front wheel	8
rear wheel	9
brakes	10
plastic, seat (RR Models)	11
plastic, seat (RS Models)	12
electrics (RR Models)	13
electrics (RS Models)	14
radiator	15
rear linkage (early production)	16
rear linkage (late production)	17
graphics	18

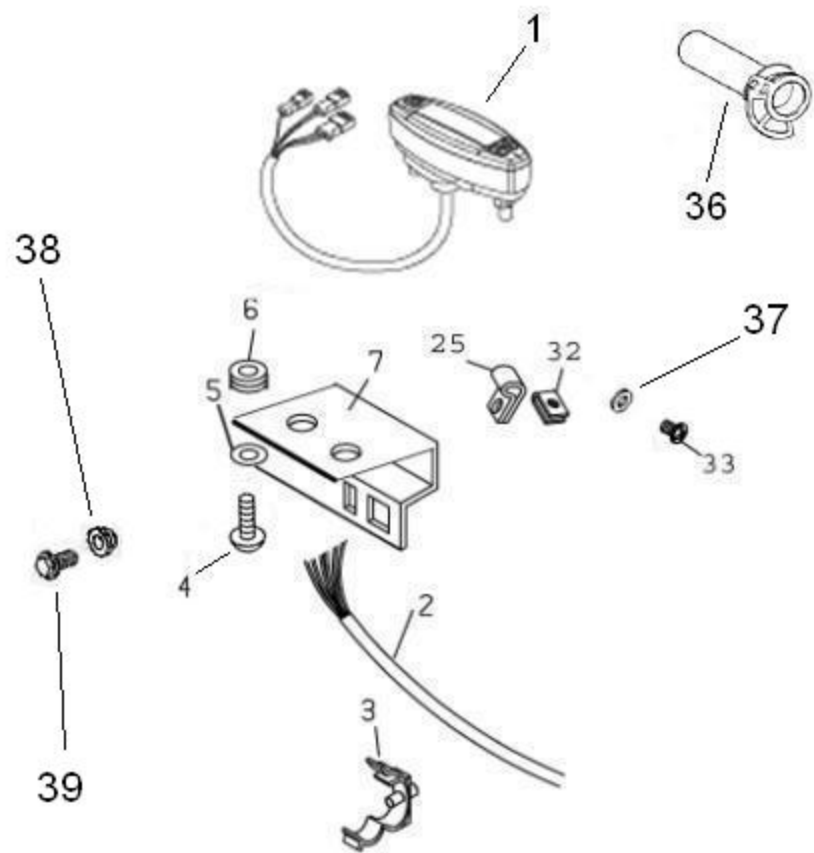




Pos	Part Number	Description	RR/RS	Notes
1	15-08055-000	front fork assembly	1	2008 model
1	15-08063-000	front fork assembly	1	2009 model
2	29-01965-000	fork cap	2	
3	10-41476-000	spring support	2	
4	22-52709-000	fork spring, 48kg	2	stock setting
4	22-52709-050	fork spring, 50kg	opt	
4	22-52709-045	fork spring, 45kg	opt	
4	22-52709-042	fork spring, 42kg	opt	
5	29-40470-000	fork spring tube	2	
6	16-18655-059	fork leg, upper	2	
7	11-31310-000	fork bushing	2	
8	10-41462-000	fork seal	2	
9	10-41477-000	fork dust ring	2	
10	12-32974-000	inner tube kit	2	
11	13-29530-000	top nut	2	
12	29-40463-000	fork spring inner tube	2	
13	12-32959-000	inner fork tube A	2	
14	12-32973-000	inner fork tube B	2	
15	29-40423-000	lower fork tube, right	1	
16	11-31311-000	fork bushing	2	
17	31-02175-000	valve assembly	2	
18	29-40424-000	lower fork tube, left	1	
19	12-09702-000	lower triple clamp	1	
20	29-50153-000	top triple clamp	1	
21	27-79102-000	washer	1	
22	13-30965-000	top nut	1	
23	25-98896-197	fork guard, left	1	2008 model-red
23	25-98896-159	fork guard, left	1	2009 model-black
24	25-98894-197	fork guard, right	1	2008 model-red
24	25-98894-159	fork guard, right	1	2009 model-black
25	16-00978-059	complete fork leg, left	1	

26	16-00979-059	complete fork leg, right	1	
27	13-54820-000	spacer	6	
28	25-91330-197	hose guide	1	2008 model-red
28	25-91330-159	hose guide	1	2009 model-black
29	10-67632-059	fork guide	2	
30	31-96900-000	bolt, axle pinch	4	
31	11-47015-000	bolt, fork guard	6	
32	31-30030-000	screw, hose guide	2	
33	31-63966-000	bolt, fork pinch	8	
34	31-64070-000	bolt, stem pinch	1	
35	31-27250-000	bolt, fork guide	2	
36	13-10910-000	nut, fork guide	2	
37	12-33062-000	reflector	2	RS models only

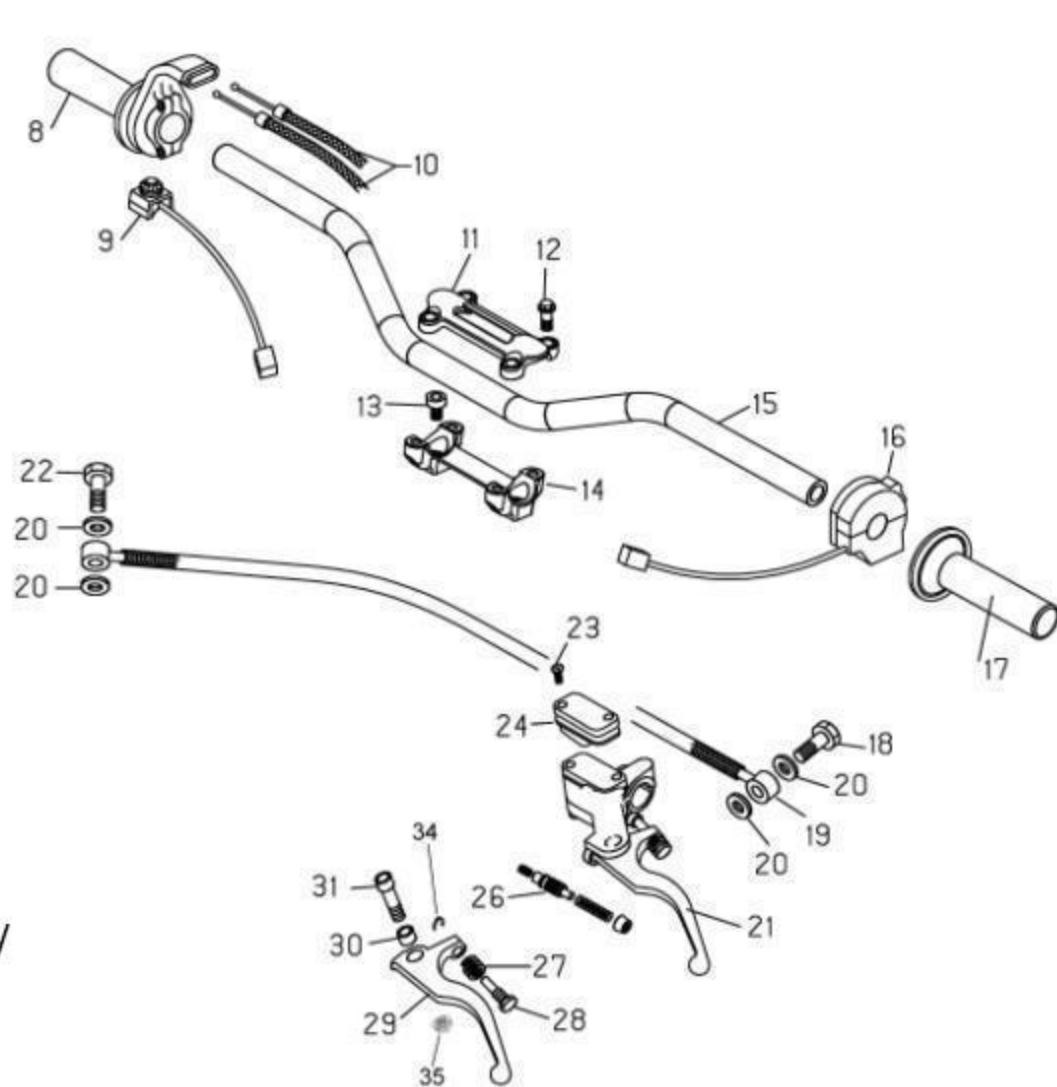




38

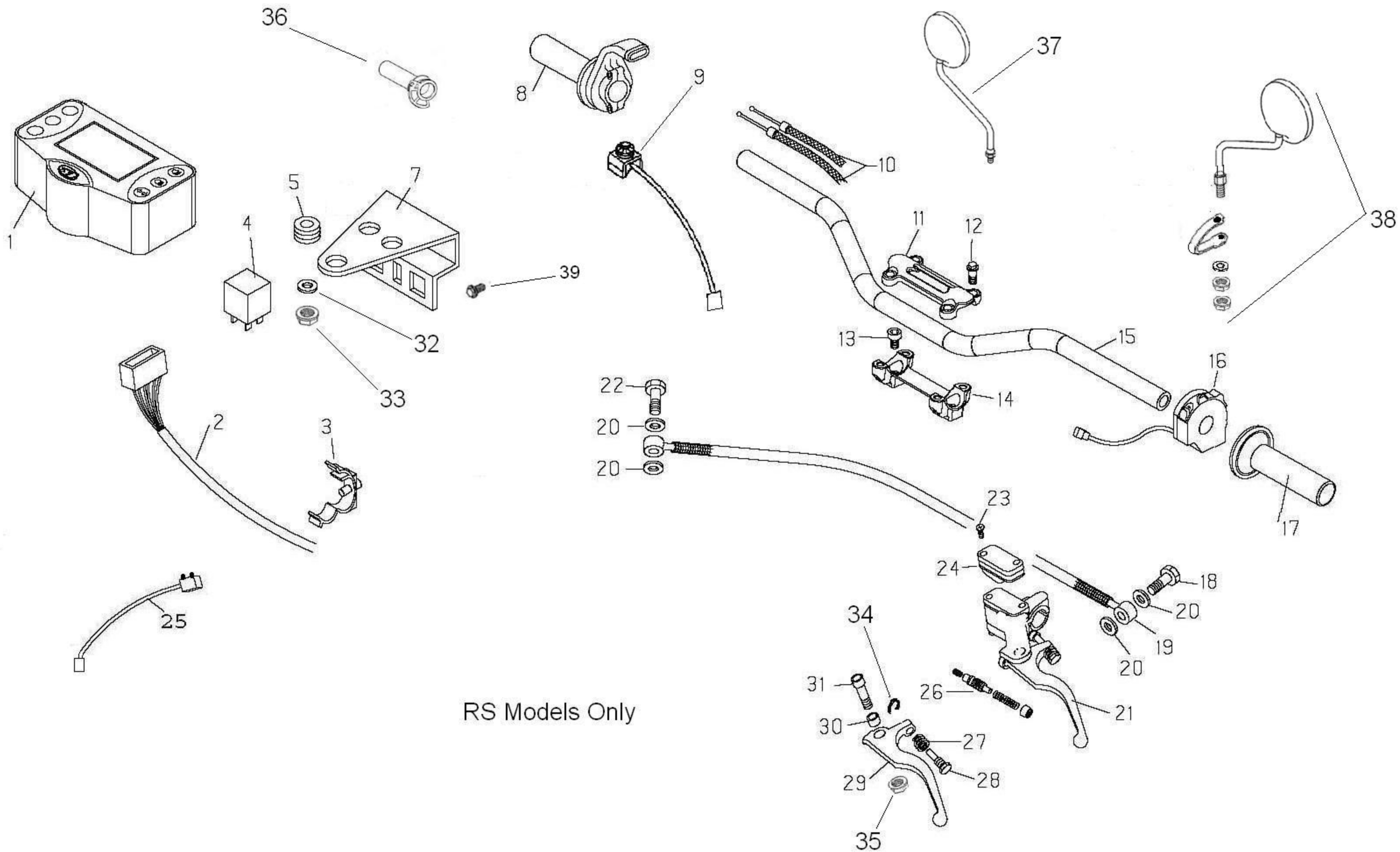
39

RR Models Only



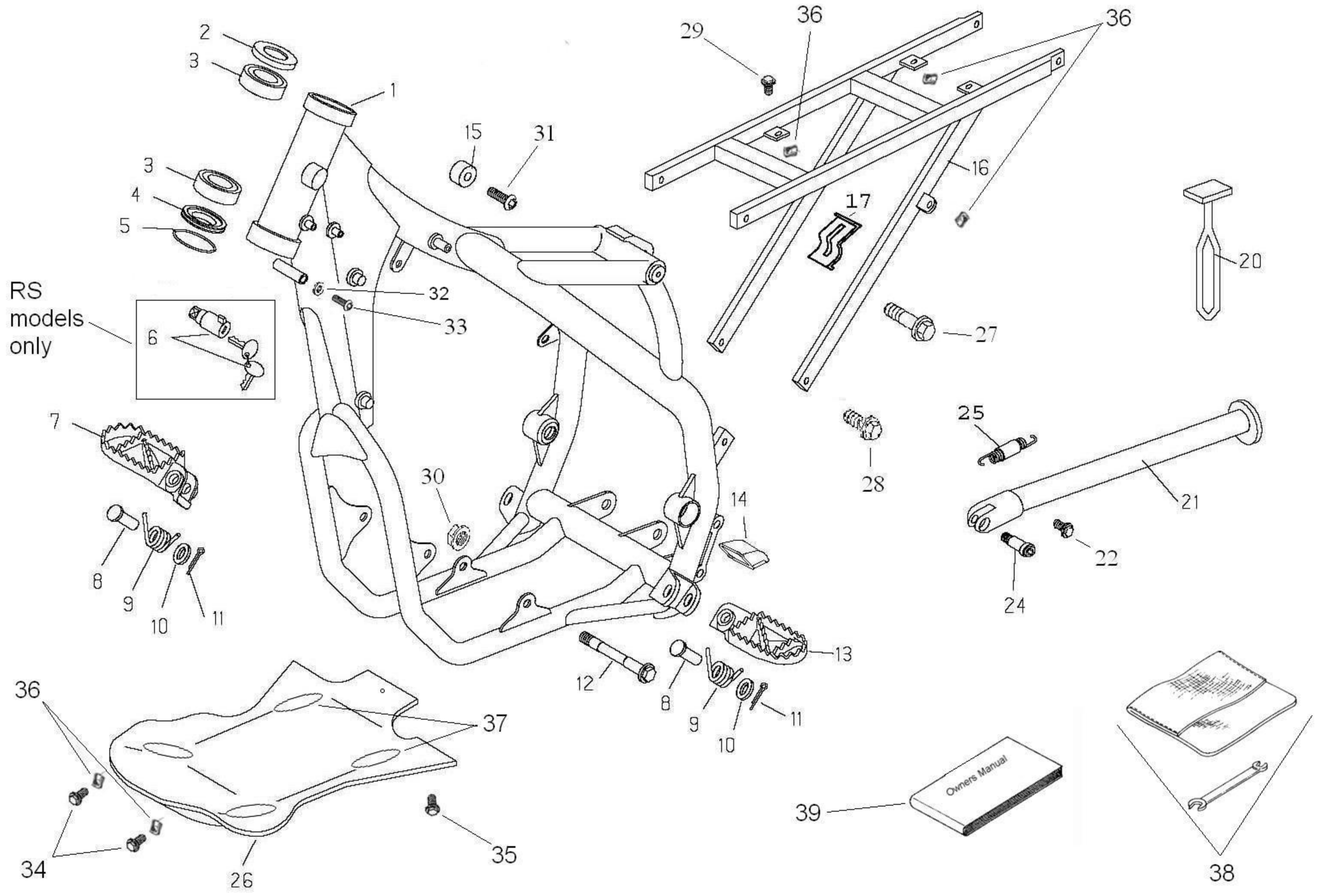


Pos	Part Number	Description	RR ONLY	Notes
1	12-09377-000	speedometer	1	
2	18-01638-000	main wire harness	1	
3	25-24444-000	wire holder	1	
4	31-23579-000	screw for meter	2	
5	27-36500-000	washer for meter	2	
6	16-34915-000	rubber for meter	2	
7	28-98078-000	speedometer bracket	1	
8	12-55097-000	throttle assembly, includes grips	1	
9	18-84981-000	start switch	1	
10	29-15188-000	throttle cable	1	
11	12-08253-000	top handlebar mount	1	
12	31-64070-000	bolt, handlebar, 8x25	4	
13	31-65626-000	bolt, handlebar clamp, 10x25	2	
14	12-08254-000	lower handlebar mount	1	
15	22-20391-000	handlebar	1	
16	13-06508-000	switch assy, left	1	
17	22-18537-000	grips, pair	1	
18	11-65035-000	banjo bolt	1	same as item 22
19	29-09109-000	clutch hose	1	
20	16-50510-000	crush washer	4	
21	21-02433-000	clutch pump assembly	1	
22	11-65035-000	banjo bolt	1	same as item 18
23	31-23401-052	screw for top cap	2	
24	20-05078-000	seal and cap for clutch pump	1	
25	25-25180-000	wire holder	1	
26	20-05084-000	piston kit for clutch pump	1	
27	22-38702-000	spring, adjuster	1	
28	31-88602-000	clutch lever adjuster	1	
29	21-27085-000	clutch lever only	1	
30	11-26466-000	bush, clutch lever	1	
31	31-96819-000	screw, clutch lever	1	
32	25-58090-000	nutplate	1	
33	31-23530-000	screw	1	
34	28-22510-000	clip, clutch adjuster bolt	1	
35	13-13020-000	nut, clutch lever	1	
36	12-55097-999	throttle tube	1	tube only
37	27-36500-000	washer	1	
38	13-62000-000	spacer	2	
39	11-48025-000	bolt, 6x16	2	

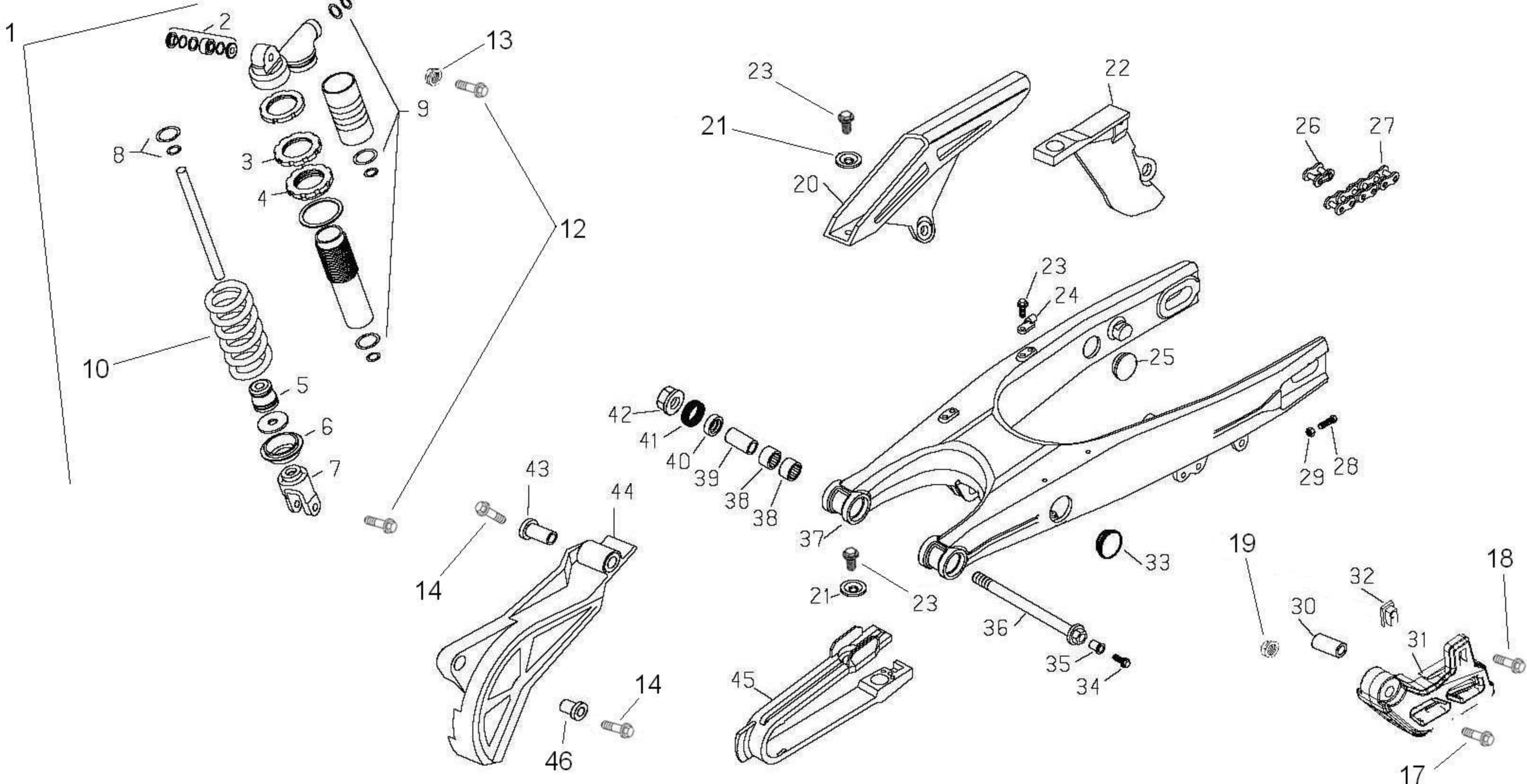


RS Models Only

Pos	Part Number	Description	RS	Notes
1	12-09364-000	speedometer	1	
2	18-01637-000	main wire harness	1	
3	25-24444-000	wire holder	1	
4	18-84946-000	flasher	1	
5	16-34905-000	rubber for meter	3	
7	28-98068-000	speedometer bracket	1	
8	12-55097-000	throttle assembly, includes grips	1	
9	13-06513-000	start switch	1	
10	29-15188-000	throttle cable	1	
11	12-08253-000	top handlebar mount	1	
12	31-64070-000	bolt, handlebar, 8x25	4	
13	31-65626-000	bolt, handlebar clamp, 10x25	2	
14	12-08254-000	lower handlebar mount	1	
15	22-20391-000	handlebar	1	
16	13-06514-000	switch assy, left	1	2008 model
16	016-350100-000	switch assy, left	1	2009 model
17	22-18537-000	grips, pair	1	
18	11-65035-000	banjo bolt	1	
19	29-09102-000	clutch hose	1	
20	16-50510-000	crush washer	4	
21	21-02433-000	clutch pump assembly	1	
22	11-65035-000	banjo bolt	1	same as item 18
23	31-23401-052	screw for top cap	2	
24	20-05078-000	seal and cap for clutch pump	1	
25	25-99215-000	push button for meter	1	
26	20-05084-000	piston kit for clutch pump	1	
27	22-38702-000	spring, adjuster	1	
28	31-88602-000	clutch lever adjuster	1	
29	21-27085-000	clutch lever only	1	
30	11-26466-000	bush, clutch lever	2	
31	31-96819-000	screw, clutch lever	1	
32	27-36500-000	washer, meter	3	
33	27-36500-999	nut, meter	3	
34	28-22510-000	clip, clutch adjuster bolt	1	
35	13-13020-000	nut, clutch lever	1	
36	12-55097-999	throttle tube	1	tube only
37	28-92927-000	mirror, right side	1	
38	28-92928-000	mirror, left side	1	
39	11-48025-000	bolt, 6x16	2	



Pos	Part Number	Description	RR/RS	Notes
1	29-11573-826	main frame (RR model)	1	must return steering head
1	29-11572-826	main frame (RS model)	1	must return steering head
2	25-98782-000	bearing protection, top	1	
3	12-99510-000	bearing, steering	2	
4	10-67535-000	bearing protection, bottom	1	
5	10-66935-000	oring	1	
6	28-85861-000	steering lock	1	RS models only
7	25-32521-000	footrest, right	1	
8	25-54465-000	footrest pin	2	
9	22-62011-000	footrest spring	2	
10	27-54000-000	footrest washer, 10x21x2	2	
11	12-81993-000	cotter pin, 3x20	2	
12	11-64607-000	engine mount bolt	2	
13	25-32531-000	footrest, left	1	
14	25-25601-000	sliding block	1	
15	29-10310-000	fuel tank pad	2	
16	29-11442-800	rear subframe	1	2008 model
16	29-11442-859	rear subframe	1	2009 model
17	28-94958-000	cushion	1	
20	16-34907-000	side stand rubber	1	
21	12-39899-000	side stand	1	
22	11-66615-000	bolt	1	for spring
24	11-66614-000	side stand bolt	1	
25	22-48824-000	side stand spring	1	
26	12-32207-000	skid plate	1	
27	31-64070-000	bolt, upper sub frame	2	
28	11-54521-000	bolt, lower sub frame	2	
29	11-48025-000	bolt, airbox	2	
30	13-21050-000	nut, engine mount	2	
31	31-31050-000	bolt, tank pad	2	
32	27-48000-000	washer, steering stop	2	
33	31-64060-000	bolt, steering stop	2	
34	11-48025-000	bolt, skid plate	2	
35	31-30540-000	bolt, skid plate	1	pan-head screw
36	25-60311-000	nut clip	5	
37	29-10317-000	pad, skid plate	4	
38	11-05666-000	tool bag	1	includes tools
39	21-73288-000	owners manual	1	2008 model
39	21-73288-100	owners manual	1	2009 model

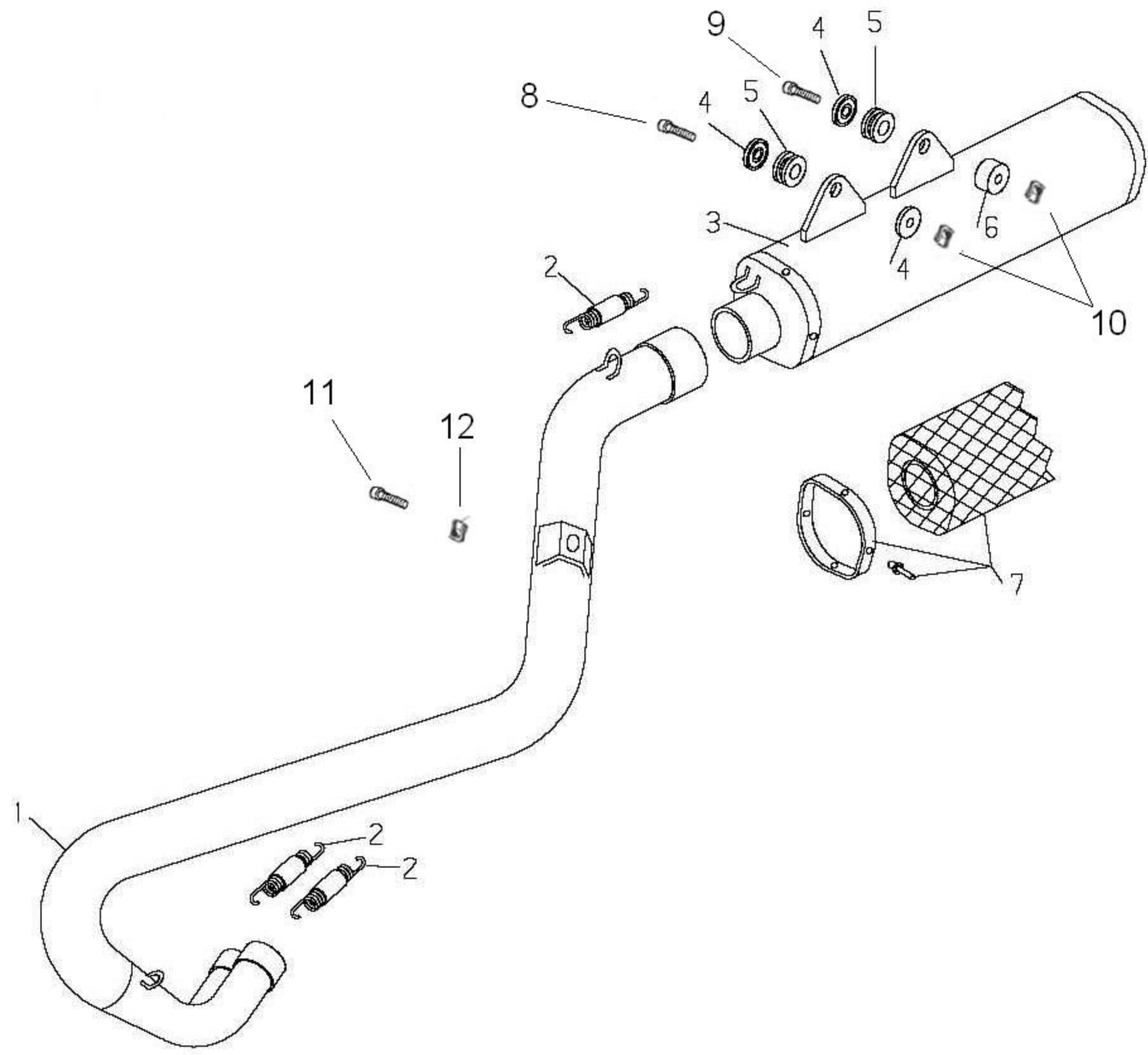


Pos	Part Number	Description	RR/RS	Notes
1	10-03782-000	shock assembly	1	
2	13-86078-800	upper bushing kit	1	
3	16-20821-000	adjustment nut A	1	
4	16-20820-000	adjustment nut B	1	
5	29-10308-000	bump stop	1	
6	15-39110-000	retainer	1	
7	16-47820-000	lower clevis	1	
8	20-11505-000	seal set A	1	
9	20-11504-000	seal set B	1	
10	AB-10154	shock spring, 5.4 kg	1	stock setting
10	AB-10152	shock spring, 5.2 kg	opt	
10	AB-10156	shock spring, 5.6 kg	opt	
10	AB-10158	shock spring, 5.8 kg	opt	
10	AB-10160	shock spring, 6.0 kg	opt	
12	11-62050-000	bolt, shock mount	2	
13	13-21050-000	nut, shock mount	1	
14	11-50030-000	bolt, sprocket cover	2	
17	11-50535-000	bolt, chain block	1	
18	11-49070-000	bolt, chain block	1	
19	13-12550-000	nut, chain block	1	
20	12-88591-159	upper chain guard	1	
21	27-74786-000	washer, guard	3	
22	12-88594-159	inner chain guard	1	
23	11-46360-000	bolt, 5x16	5	
24	15-14605-000	hose guide	2	
25	29-10596-136	swing arm plug	2	
26	22-11224-000	master link	1	
27	12-08206-000	drive chain, 520x114	1	
28	11-55909-000	chain adjuster bolt, 8x55	2	
29	13-17121-000	chain adjuster nut, 8mm	2	
30	13-49191-000	spacer	1	

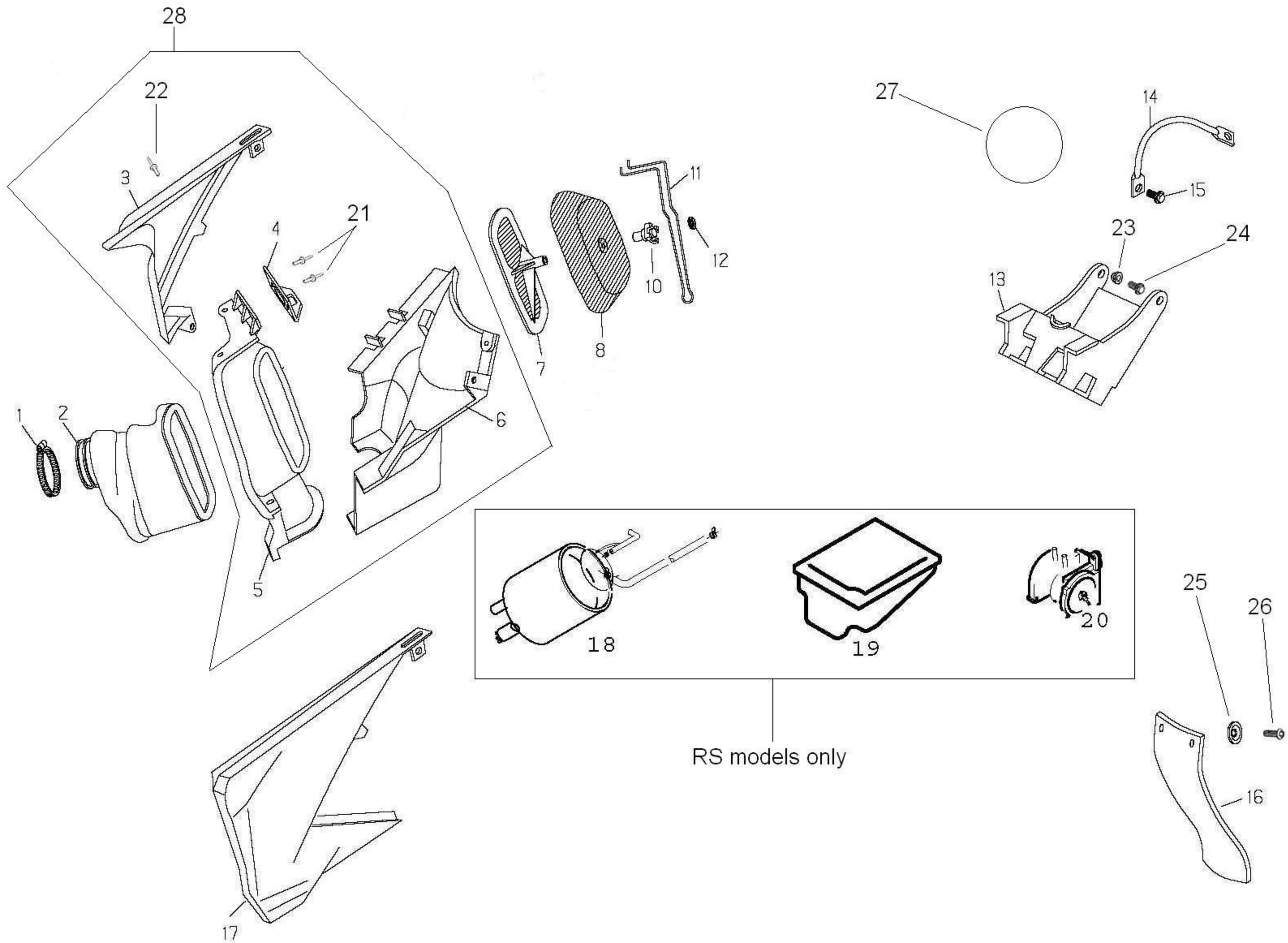
31	29-10071-000	lower chain block	1	
32	13-48868-000	spacer	1	
33	12-55900-136	swing arm plug	2	
34	11-46401-000	bolt, 5x20	2	
35	16-29620-000	wellnut for frame guards	2	
36	25-47652-000	swing arm pivot shaft	1	
37	15-49645-000	swing arm	1	does not include bearings
38	11-22056-000	bearing, swing arm	4	
39	13-49183-000	spacer	2	
40	28-14081-000	cup spacer	4	
41	10-64481-000	seal	4	
42	13-27121-000	swing arm shaft nut	1	
43	13-49189-000	spacer	1	
44	12-73077-159	sprocket cover	1	
45	29-10068-000	chain slider	1	
46	13-49190-000	spacer	1	



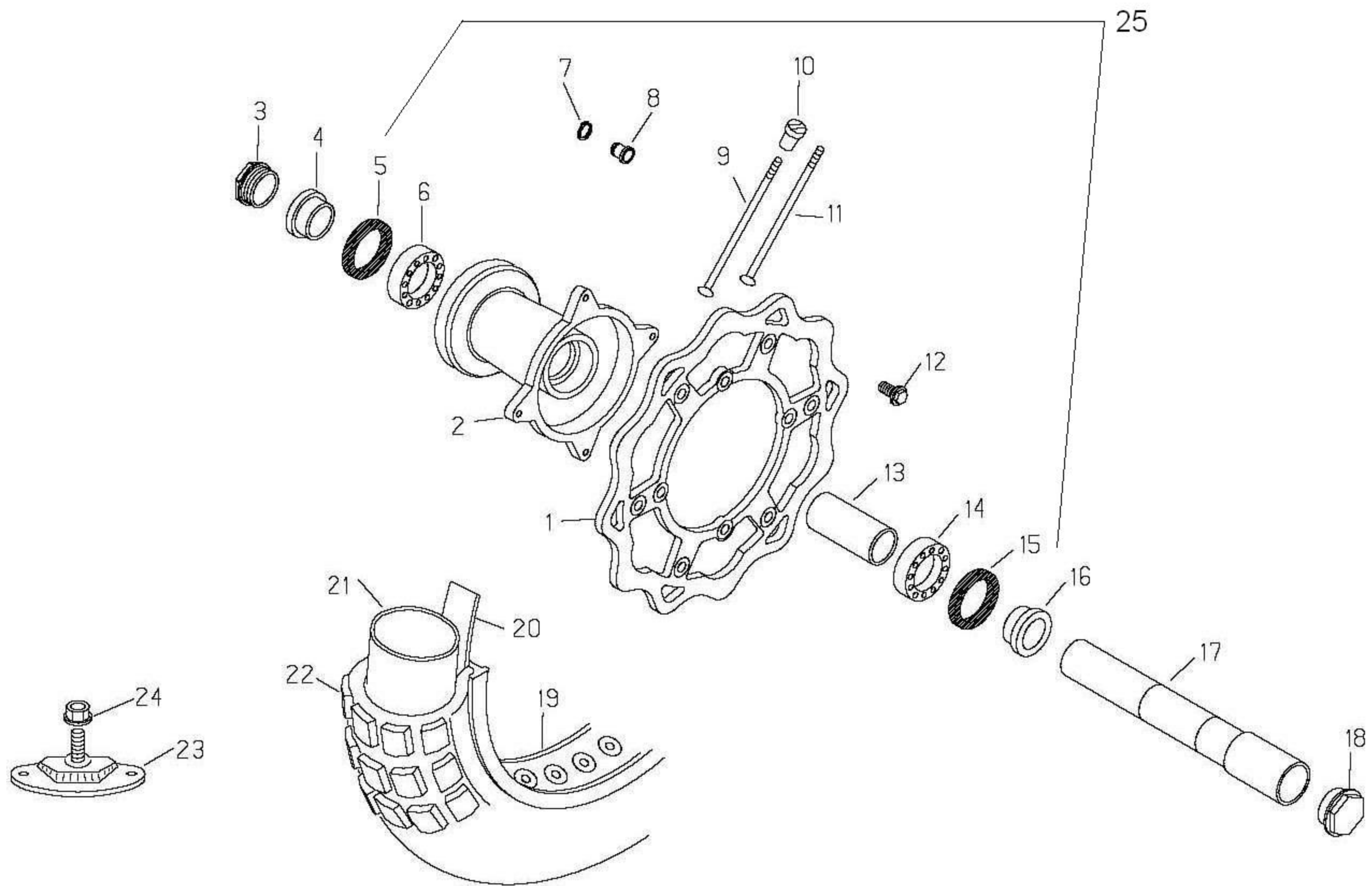




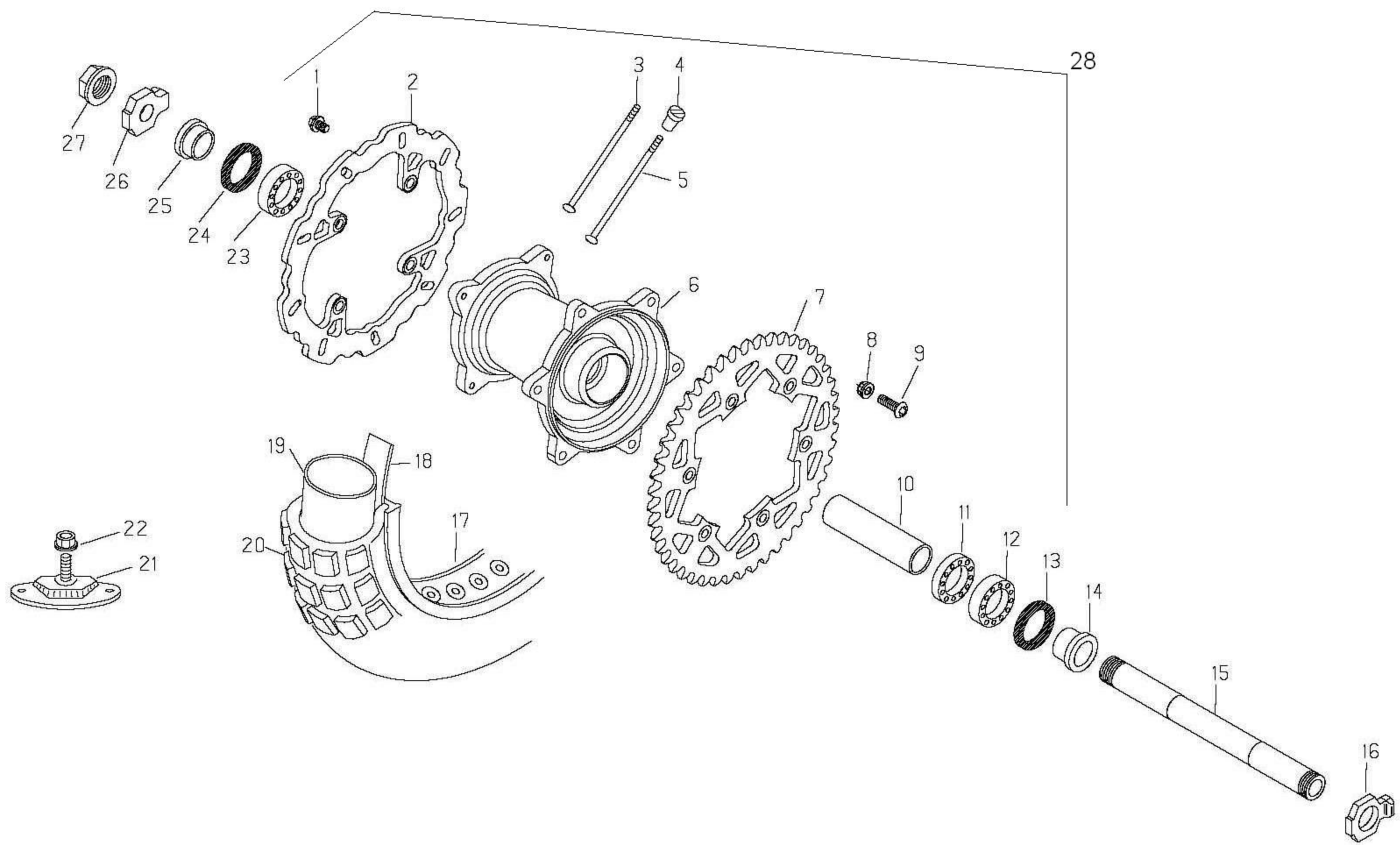
Pos	Part Number	Description	RR/RS	Notes
1	29-16233-000	exhaust header pipe	1	
2	22-48823-000	exhaust spring	3	
3	22-04185-000	exhaust muffler, spark arrestor	1	
4	13-49187-000	spacer	3	
5	28-91946-000	rubber bushing	2	
6	13-49188-000	spacer, long	1	
7	20-12801-000	muffler re-pack kit	1	
8	11-50030-000	bolt, muffler	1	
9	11-05535-000	bolt, muffler	1	
10	25-60311-000	nut clip, muffler	2	
11	11-54521-000	bolt, header pipe	1	
12	11-54521-999	nut clip, header pipe	1	



Pos	Part Number	Description	RR/RS	Notes
1	15-14272-000	air boot clamp	1	
2	22-13651-000	rear air boot	1	
3	28-12753-159	filter box, right	1	
4	28-97021-000	air filter hold down bracket	1	
5	28-12751-159	filter box, front	1	
6	28-12752-159	filter box, rear	1	
7	16-11215-800	air filter cage	1	
8	15-25091-100	air filter	1	
10	25-57197-000	filter pin	1	
11	22-48817-000	air filter holder	1	
12	27-74800-000	holding washer	1	
13	28-11792-159	battery box	1	
14	18-01527-000	ground cable	1	
15	11-48025-000	bolt, 6x16	2	
16	25-24416-159	rear mud flap	1	
17	28-12754-159	filter box, left	1	
18	12-46510-000	carbon canister	1	RS models only, includes hoses
19	28-85650-000	catch tank	1	RS models only
20	31-02173-000	check valve	1	RS models only
21	27-33830-000	rivot, air box holder	2	
22	27-33802-000	rivot, filter box	11	
23	13-62000-000	spacer, battery box	2	
24	11-48025-000	bolt, batter box	2	
25	27-74786-000	washer, rear mud flap	2	
26	31-30030-000	screw, rear mud flap	2	
27	14-40040-000	oring, battery holder	1	
28	28-12755-859	airbox assembly	1	does not include air boot (item #2)

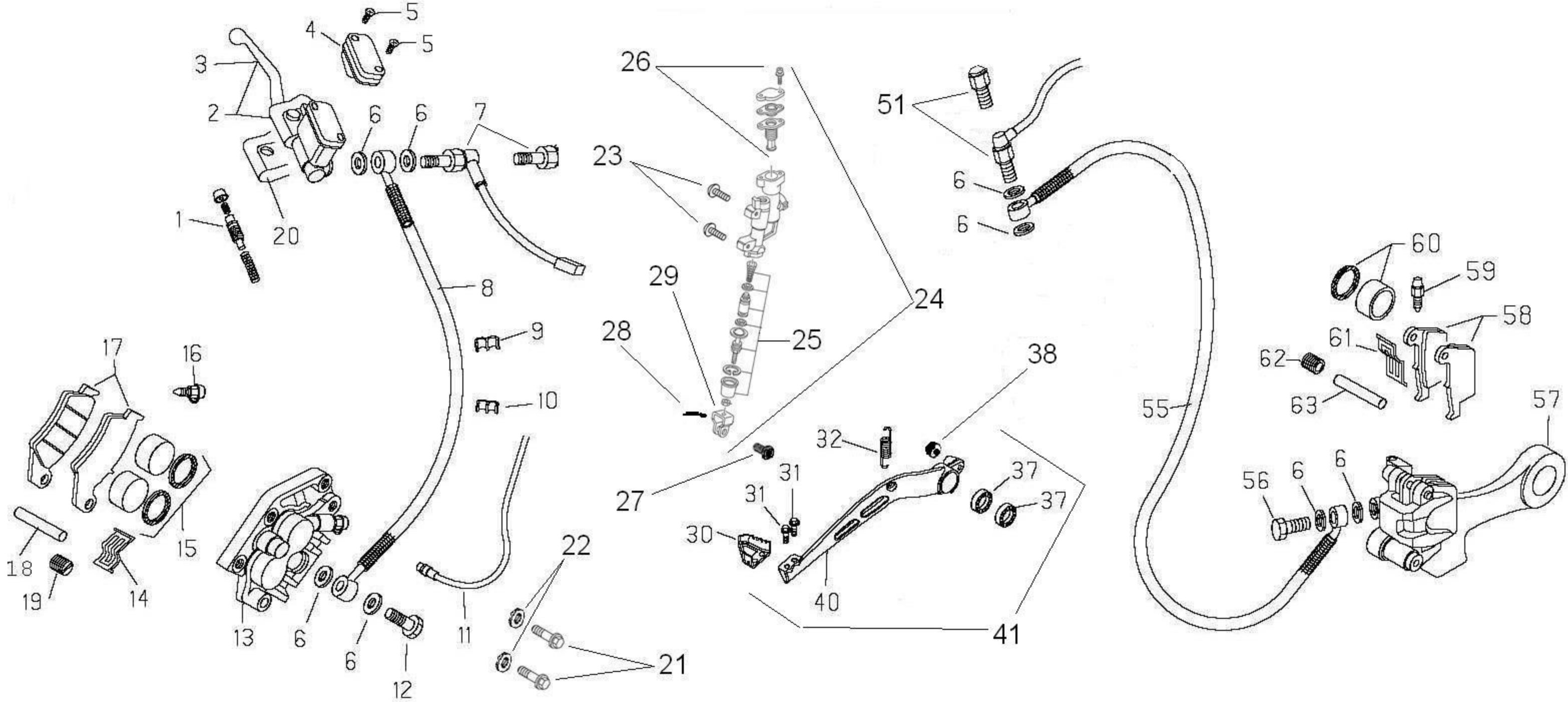


Pos	Part Number	Description	RR/RS	Notes
1	13-39578-000	front brake rotor	1	does not include items 7 & 8
2	22-07249-000	front hub	1	includes bearings and seals
3	29-10033-000	front axle nut	1	
4	13-85519-000	front wheel spacer	1	
5	10-66000-000	front wheel seal	1	
6	12-99520-000	front wheel bearing	1	
7	28-22570-000	clip	1	
8	22-11001-000	speedometer pick-up	1	
9	27-25051-000	front spoke, 4x227	18	
10	23-10122-000	nipple	36	
11	27-25052-000	front spoke, 4x230	18	
12	11-52520-000	rotor bolt, 8x14	4	
13	13-62708-000	front hub inner spacer	1	
14	12-99520-000	front wheel bearing	1	same as item 6
15	10-66000-000	front wheel seal	1	
16	13-85519-000	front wheel spacer	1	same as item 4
17	25-55697-000	front axle	1	
18	29-10032-000	front axle plug	1	
19	12-42901-059	front rim, 21"	1	
20	15-38200-000	rim strip	1	
21	12-15007-000	front tube, 21"	1	
22	12-81565-000	front tire, Pirelli MX eXTRa (80/100x21)	1	RR Model
22	12-79135-000	front tire, Pirelli MT21 (90/90x21)	1	RS Model
23	15-17551-000	front rim lock	1	
24	13-17120-000	nut, 8mm	1	
25	AB-10103	front wheel assembly, no tire or tube	1	RR/RS Model, includes rotor & bearings





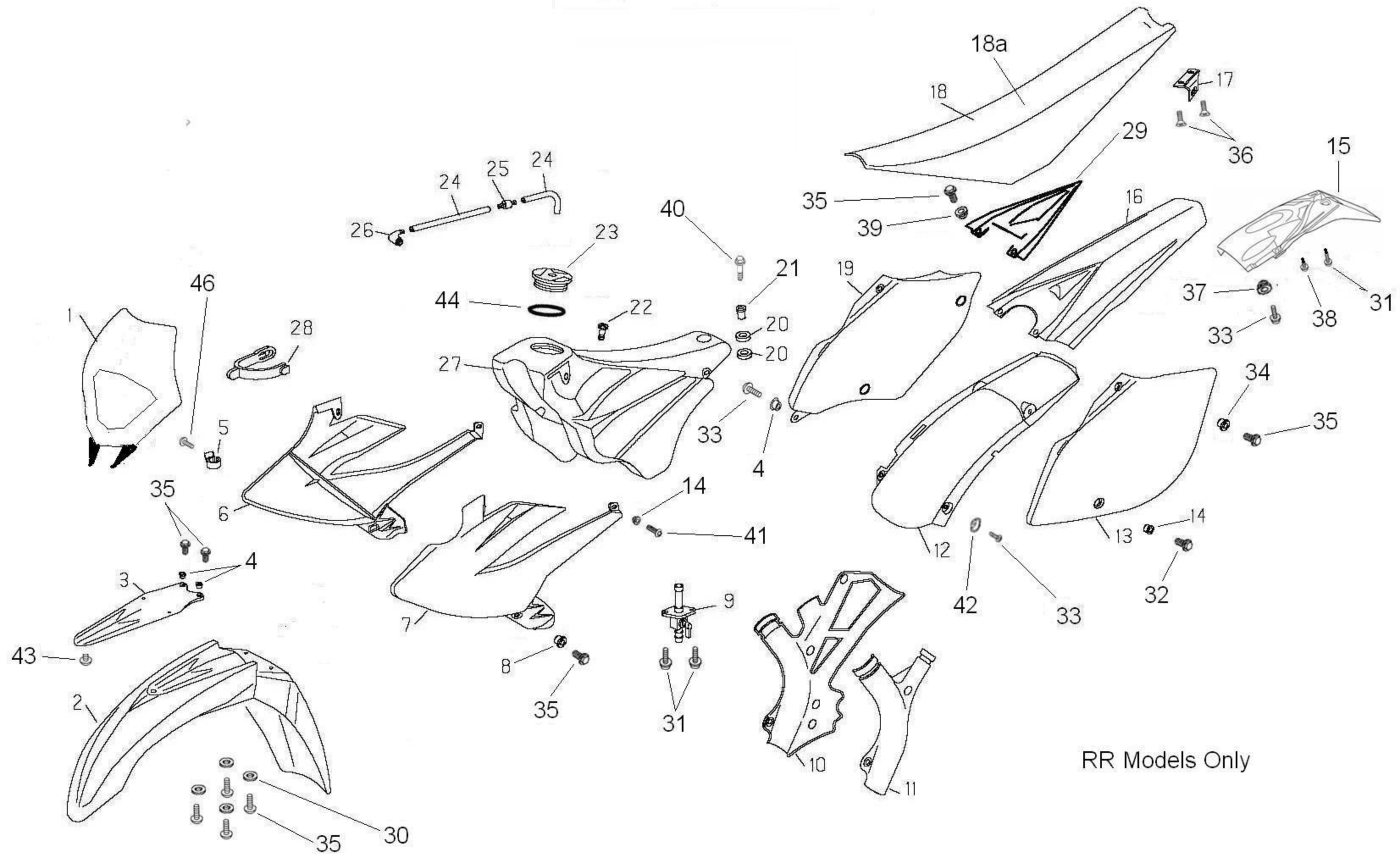
Pos	Part Number	Description	RR/RS	Notes
1	11-52520-000	rotor bolt, 8x14	4	
2	13-39574-000	rear brake rotor	1	
3	27-25053-000	rear spoke, 4x190	18	
4	23-10122-000	nipple	36	
5	27-25054-000	rear spoke, 4x196	18	
6	22-08027-000	rear hub	1	includes bearings and seals
7	12-89497-000	rear sprocket, 50t	1	RR Model, standard setting
7	12-89498-000	rear sprocket, 52t	opt	
7	12-89496-000	rear sprocket, 48t	opt	
7	12-89499-000	rear sprocket, 45t	1	RS Model, standard setting
8	13-17123-000	rear sprocket nut, 8mm	6	
9	31-96815-000	rear sprocket bolt	6	
10	13-62709-000	rear hub inner spacer	1	
11	12-99260-000	rear wheel bearing	1	uses only one of this bearing
12	12-99280-000	rear wheel bearing	1	
13	10-66000-000	rear wheel seal	1	
14	13-85522-000	rear wheel spacer, left	1	
15	25-55812-000	rear axle	1	does not include item 16
16	29-11866-100	tensioner block, left	1	
17	12-42902-059	rear rim, 18"	1	
18	15-36000-000	rim strip	1	
19	12-15008-000	rear tube, 18"	1	
20	12-81579-000	rear tire, Pirelli MX eXTRa (110/100x18)	1	RR Model
20	12-81591-000	rear tire, Pirelli MT21 (130/90x18)	1	RS Model
21	15-17531-000	rear rim lock	1	
22	13-17120-000	nut, 8mm	1	
23	12-99280-000	rear wheel bearing	1	same as item 12
24	10-66000-000	rear wheel seal	1	same as item 13
25	13-85521-000	rear wheel spacer, right	1	
26	29-11865-100	tensioner block, right	1	
27	13-27120-000	rear axle nut	1	
28	AB-10104	rear wheel assembly, no tire or tube	1	RR Model, includes rotor, bearings, & sprocket
28	AB-10304	rear wheel assembly, no tire or tube	1	RS Model, includes rotor, bearings, & sprocket



Pos	Part Number	Description	RR/RS	Notes
1	20-08258-000	rebuild kit, front brake pump	1	
2	21-02057-000	front brake pump assembly	1	
3	21-27104-000	front brake lever	1	
4	20-08259-000	cap, front brake pump	1	
5	31-23402-000	screw, brake pump cap	2	
6	16-50510-000	crush washer	8	
7	11-65053-000	banjo bolt	1	RR model
7	18-89621-000	banjo bolt & stop switch	1	RS model
8	29-09108-000	front brake hose	1	
9	25-24443-000	front hose clip, small	4	
10	25-24442-000	front hose clip, large	1	
11	28-79013-000	sensor for meter	1	
12	11-65053-000	banjo bolt	1	same as item 56
13	25-03056-000	front brake caliper	1	includes brake pads
14	22-32207-000	caliper spring	1	
15	20-02716-000	piston and seal kit for caliper	1	
16	28-91001-000	brake bleeder	1	
17	25-25361-000	front brake pad set	1	
18	25-41859-000	pin for brake pad	1	
19	31-96821-000	pin plug	1	
20	16-33841-000	lever cover	1	
21	11-55690-000	bolt, caliper mount	2	
22	27-49500-000	washer, caliper mount	2	
23	11-48025-000	bolt, rear brake pump	2	
24	25-91178-000	rear brake pump assembly	1	
25	20-08276-000	rebuild kit, rear brake pump	1	
26	20-08275-000	cap set, rear brake pump	1	
27	25-41830-000	pin, rear brake pump	1	
28	12-81995-000	cotter key, rear brake pump	1	
29	20-08277-000	kit, lower clevis	1	includes adjustment bolt
30	22-90053-000	brake pedal tip	1	

31	11-46251-000	bolt, 5x12	2	
32	22-48813-000	brake pedal spring	1	
33	12-81995-000	cotter pin, 2x15	1	
34	25-41830-000	pin	1	
35	20-08275-000	kit, pump tank	1	
36	20-08277-000	kit, lower clevis	1	
37	12-93388-000	bearing, 8x22x7	2	
38	11-21910-000	bushing, rear beake pedal	1	
40	25-28088-000	rear brake pedal	1	arm only
41	25-28088-999	rear brake pedal assembly	1	includes items 30,31,37, & 40
50	20-08263-000	rear brake pump cap	1	includes cap seal
51	11-65053-000	banjo bolt	1	RR model
51	18-89621-000	banjo bolt & stop switch	1	RS model
55	29-09428-000	rear brake hose	1	
56	11-65053-000	banjo bolt	1	same as item 12
57	25-03066-000	rear brake caliper assembly	1	includes mount
58	25-25362-000	rear brake pad set	1	
59	28-91002-000	brake bleeder	1	
60	20-02717-000	piston and seal kit for caliper	1	
61	22-32208-000	caliper spring	1	
62	31-96821-000	pin plug	1	
63	25-41860-000	pin for brake pad	1	





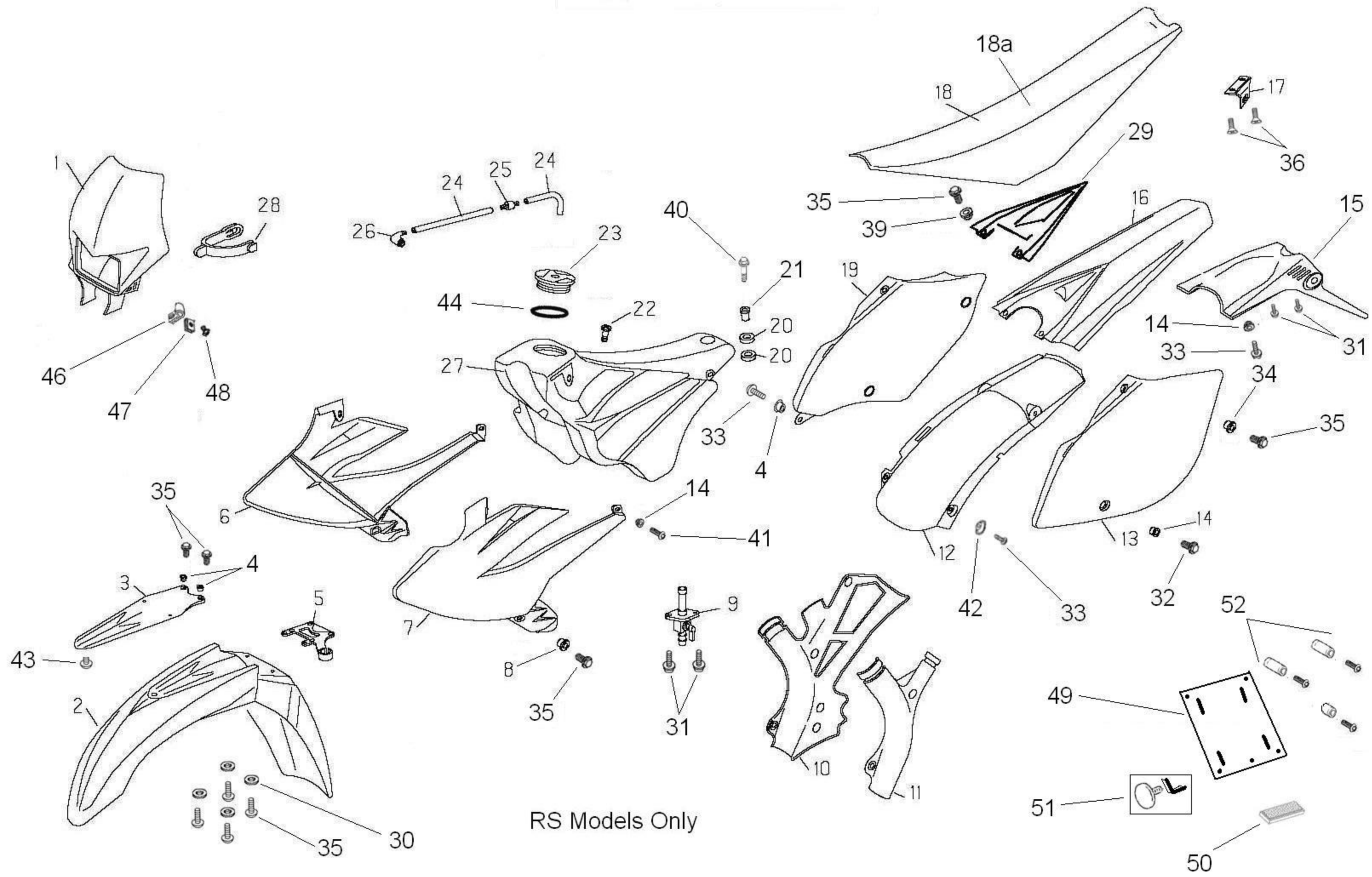
RR Models Only

Pos	Part Number	Description	RR ONLY	Notes
1	22-28477-197	headlight mask	1	2008 Model
1	22-28477-159	headlight mask	1	2009 Model
2	25-15208-197	front fender	1	2008 Model
2	25-15208-151	front fender	1	2009 Model
3	28-98283-159	front fender support	1	
4	13-49190-000	spacer	3	
6	15-23203-897	tank panel, right	1	2008 Model
6	15-23203-851	tank panel, right	1	2009 Model
7	15-23202-897	tank panel, left	1	2008 Model
7	15-23202-851	tank panel, left	1	2009 Model
8	13-54820-000	spacer	2	2008 Model
8	016-430200-000	spacer	2	2009 Model
9	27-79831-000	petcock	1	
10	25-98931-000	frame guard, right	1	
11	25-98926-000	frame guard, left	1	
12	25-24662-159	inner rear fender	1	
13	15-19868-197	side panel, left	1	2008 Model
13	15-19868-151	side panel, left	1	2009 Model
14	13-62000-000	spacer	2	
15	25-94492-000	rear tail light holder	1	
16	25-19589-197	rear fender	1	2008 Model
16	25-19589-151	rear fender	1	2009 Model
17	28-95233-000	seat bracket	2	
18	28-02652-000	seat	1	does not include item 17
18a	12-88645-000	seat cover	1	cover only
19	15-19862-197	side panel, right	1	2008 Model
19	15-19862-151	side panel, right	1	2009 Model
20	29-10615-000	cushion	2	
21	13-49184-000	fuel tank spacer	1	
22	31-89010-000	seat lock screw	1	
23	29-10501-000	fuel cap	1	2008 Model

23	29-10500-159	fuel cap	1	2009 Model
24	29-15811-000	fuel line	1	sold per foot
25	31-02170-000	fuel tank breather	1	
26	27-23470-000	breather fitting	1	
27	28-06085-159	fuel tank	1	
28	14-40081-000	headlight holder	2	
29	16-44564-059	air breather	1	
30	27-42000-000	washer, fender	4	2008 Model
30	13-54841-000	fender spacer	4	2009 Model
31	31-30815-000	screw, special-long	4	
32	11-48025-000	bolt, 6x16	1	
33	11-50010-000	bolt, 6x25	5	
34	13-62011-000	spacer	2	
35	11-49070-000	bolt, 6x20	10	
36	31-30600-000	allen screw, seat bracket	4	
37	13-46684-000	spacer, machined	2	
38	31-30030-000	screw, special-short	2	
39	13-54820-000	spacer, rear air intake	2	
40	11-50030-000	bolt, 6x30	1	
41	31-30816-000	screw, tank shroud	6	
42	13-54820-000	spacer, inner fender	2	
43	11-46490-000	bolt, 6x8	1	
44	16-47498-000	seal, fuel cap	1	
45	25-24464-000	guide, front brake hose	1	
46	31-23360-000	screw, front brake hose guide	1	





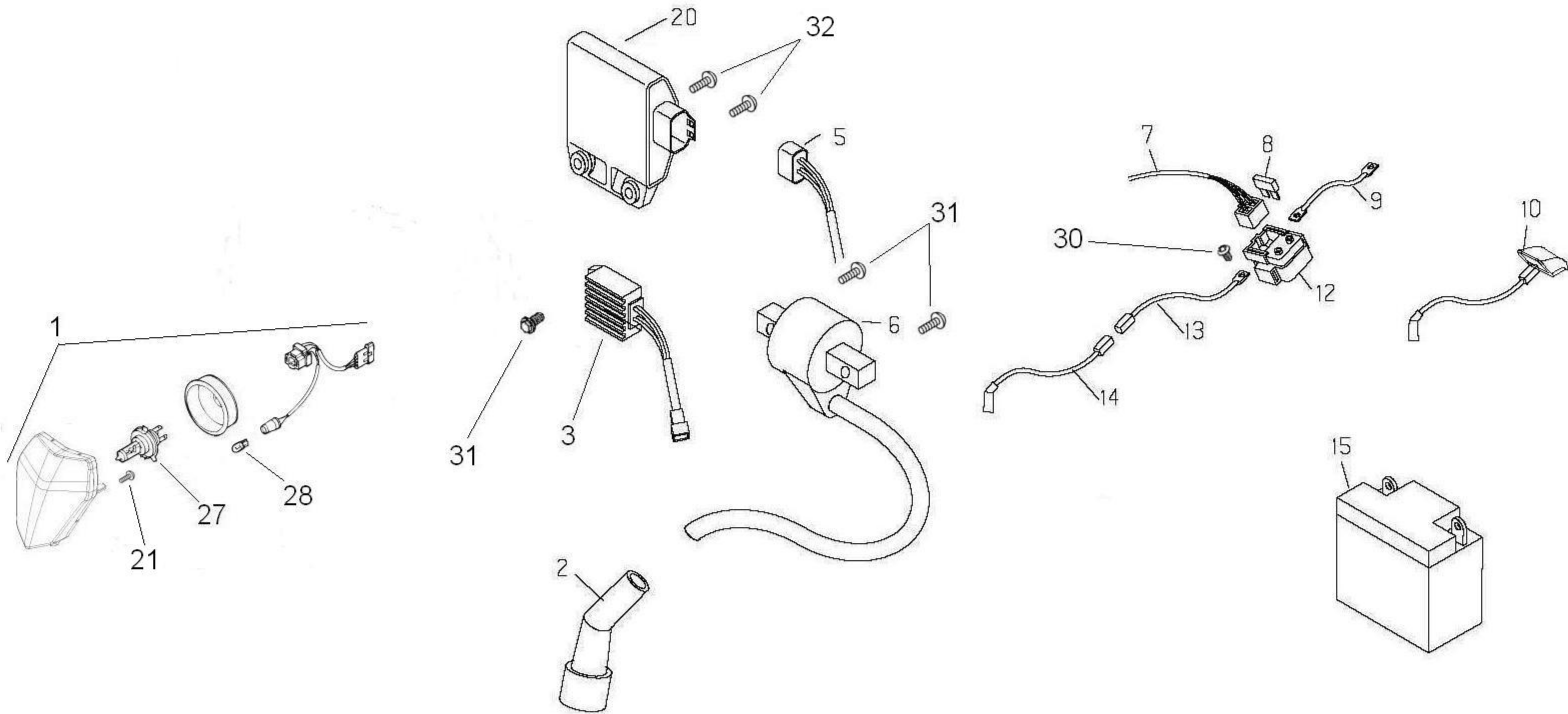


RS Models Only

Pos	Part Number	Description	RS	Notes
1	22-28479-197	headlight mask	1	2008 model
1	22-28479-159	headlight mask	1	2009 model
2	25-15201-197	front fender	1	2008 model
2	25-15201-151	front fender	1	2009 model
3	28-98278-159	front fender support	1	
4	13-49190-000	spacer	3	
5	25-57255-159	front brake hose guide	1	
6	15-23203-897	tank panel, right	1	2008 model
6	15-23203-851	tank panel, right	1	2009 model
7	15-23202-897	tank panel, left	1	2008 model
7	15-23202-851	tank panel, left	1	2009 model
8	13-54820-000	spacer	2	2008 model
8	016-430200-000	spacer	2	2009 model
9	27-79831-000	petcock	1	
10	25-98931-000	frame guard, right	1	
11	25-98926-000	frame guard, left	1	
12	25-24662-159	inner rear fender	1	
13	15-19868-197	side panel, left	1	2008 model
13	15-19868-151	side panel, left	1	2009 model
14	13-62000-000	spacer	4	
15	25-94495-159	rear tail light holder	1	does not include light
16	25-19589-197	rear fender	1	2008 model
16	25-19589-151	rear fender	1	2009 model
17	28-95233-000	seat bracket	2	
18	28-02652-000	seat	1	does not include item 17
18a	12-88645-000	seat cover	1	cover only
19	15-19862-197	side panel, right	1	2008 model
19	15-19862-151	side panel, right	1	2009 model
20	29-10615-000	cushion	2	
21	13-49184-000	fuel tank spacer	1	
22	31-89010-000	seat lock screw	1	

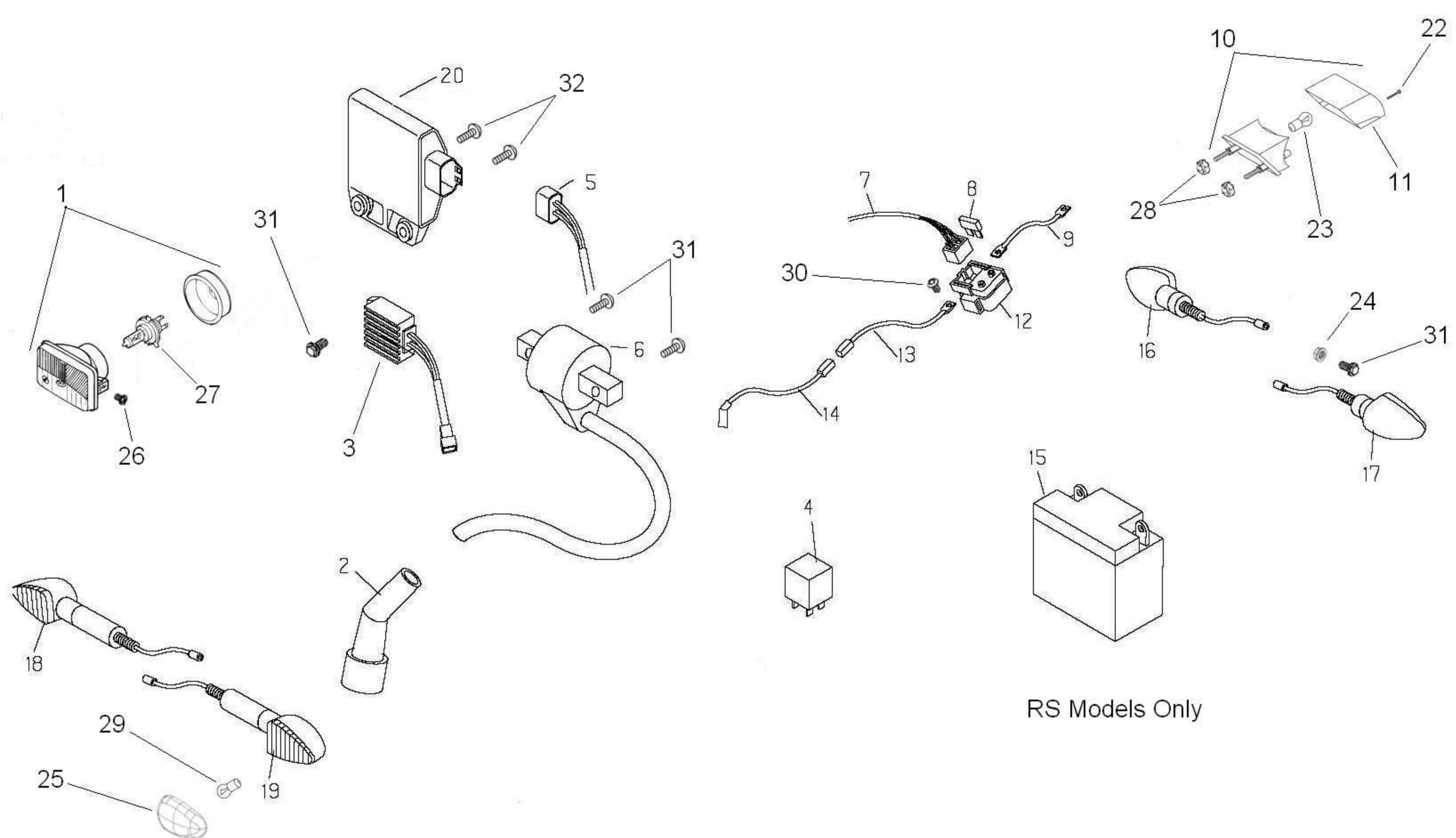
23	29-10501-000	fuel cap	1	2008 model
23	29-10500-159	fuel cap	1	2009 model
24	29-15811-000	fuel line	1	sold per foot
25	31-02170-000	fuel tank breather	1	
26	27-23470-000	breather fitting	1	
27	28-06085-159	fuel tank	1	
28	14-40081-000	headlight holder	2	
29	16-44564-059	air breather	1	
30	27-42000-000	washer, fender	4	
31	31-30815-000	screw, special-long	6	
32	11-48025-000	bolt, 6x16	1	
33	11-50010-000	bolt, 6x25	5	
34	13-62011-000	spacer	2	
35	11-49070-000	bolt, 6x20	10	
36	31-30600-000	allen screw, seat bracket	4	
39	13-54820-000	spacer, rear air intake	2	
40	11-50030-000	bolt, 6x30	1	
41	31-30816-000	screw, tank shroud	6	
42	13-54820-000	spacer, inner fender	2	
43	11-46490-000	bolt, 6x8	1	
44	16-47498-000	seal, fuel cap	1	
46	25-25180-000	guide, front brake hose	1	
47	25-58090-000	nut clip	1	
48	31-23580-000	screw, special	1	
49	28-98476-000	license plate holder	1	
50	12-33086-000	reflector	1	
51	016-450208-000	reflector kit	1	includes aluminum bracket
52	20-11211-000	spacers and bolts	1	to hold item 49 to rear fender





RR Models Only

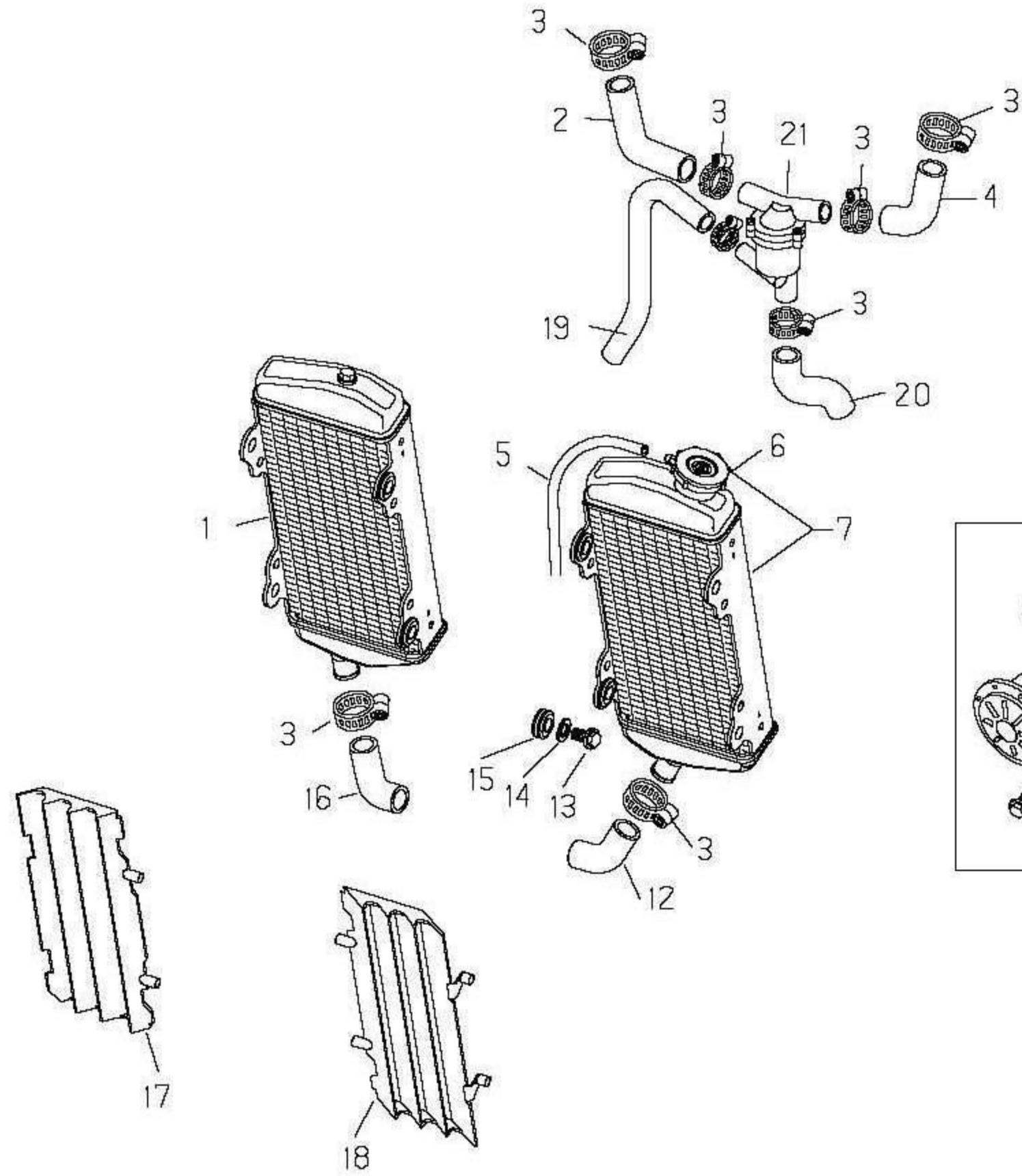
Pos	Part Number	Description	RR ONLY	Notes
1	16-46210-000	headlamp assembly	1	RR Model, includes loom assy.
2	27-13553-000	spark plug cap	1	
3	27-28101-000	regulator	1	
5	18-01536-000	wire loom	1	CDI to main loom
6	11-20694-800	ignition coil	1	
7	18-01639-000	rear wire loom	1	
8	15-66601-000	fuse, 10A	2	
9	18-01529-000	positive battery cable	1	solinoid to battery
10	15-01769-800	rear tail light	1	RR Model
12	27-28471-000	starter relay	1	
13	18-01528-000	positive battery cable	1	solinoid to main loom block
14	18-01538-000	positive battery cable	1	main loom block to starter
15	11-15415-000	battery YTX5LBS	1	
20	12-41848-000	CDI unit, 450	1	
20	12-41849-000	CDI unit, 400, 525	1	
21	31-23580-000	screw for headlight	3	
27	21-15635-000	bulb, 35/35 W	1	
28	21-15655-000	bulb, small	1	
30	31-30190-000	allen, starter cable	2	
31	11-48025-000	bolt, 6x16	3	
32	11-47015-000	bolt, 6x12	2	



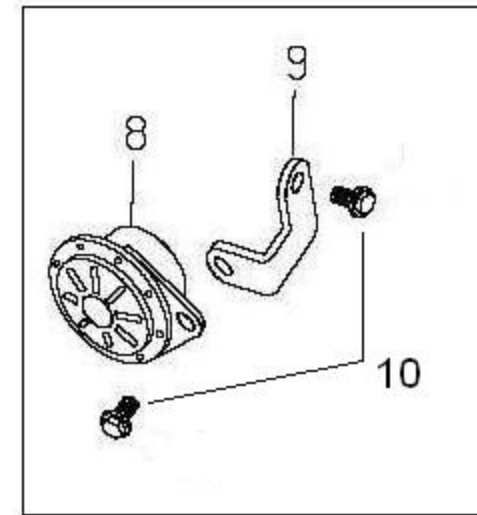
RS Models Only



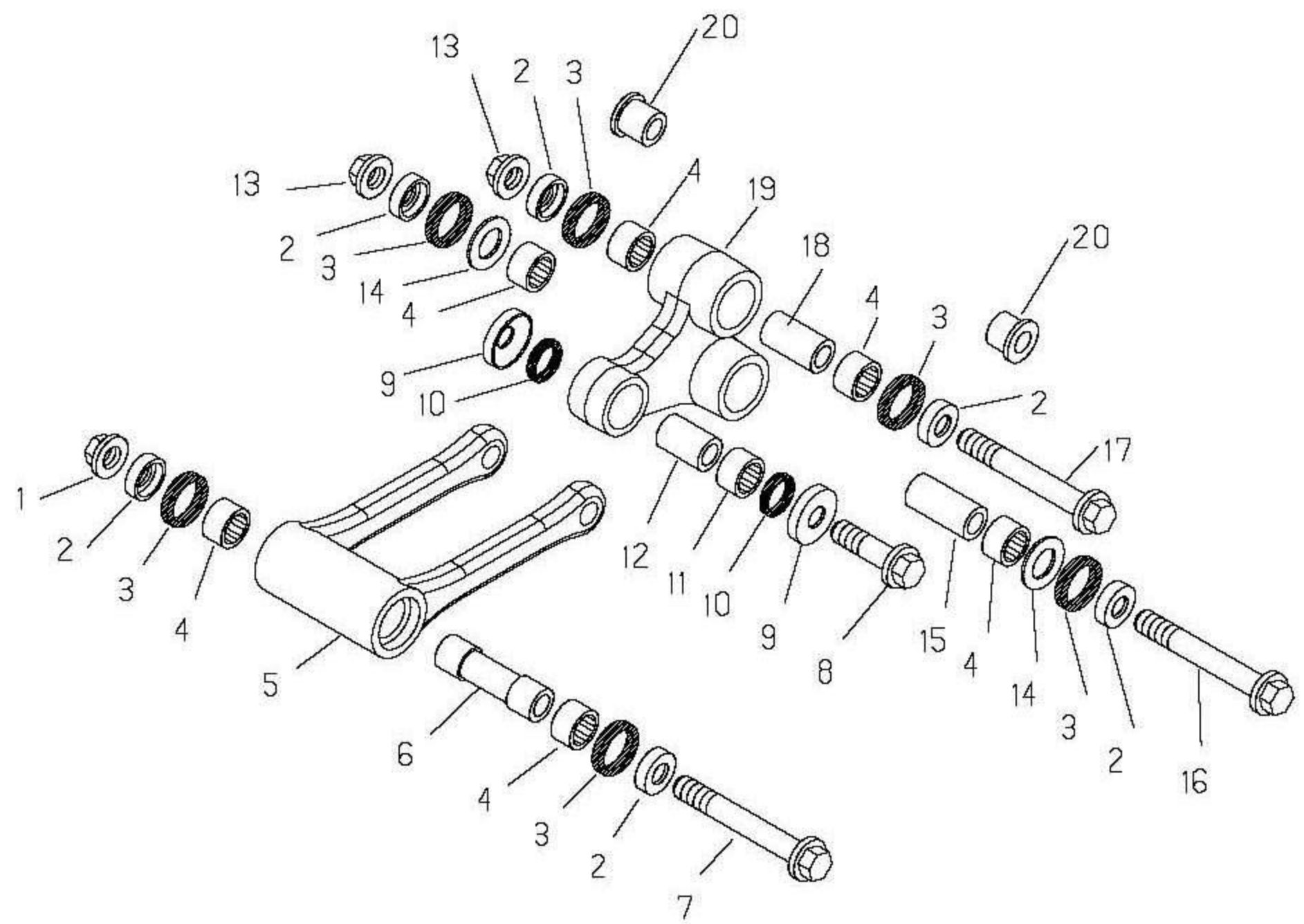
Pos	Part Number	Description	RS	Notes
1	16-46202-000	headlamp assembly	1	
2	27-13553-000	spark plug cap	1	
3	27-28101-000	regulator	1	
4	18-84946-000	flasher	1	
5	18-01536-000	wire loom	1	CDI to main loom
6	11-20694-800	ignition coil	1	
7	18-01635-000	rear wire loom	1	RS Model
8	15-66601-000	fuse, 10A	2	
9	18-01529-000	positive battery cable	1	solinoid to battery
10	15-01766-000	rear tail light	1	
11	12-81703-000	rear tail light lens	1	
12	27-28471-000	starter relay	1	
13	18-01528-000	positive battery cable	1	solinoid to main loom block
14	18-01538-000	positive battery cable	1	main loom block to starter
15	11-15415-000	battery YTX5LBS	1	
16	18-12691-000	rear turn signal, right	1	
17	18-12681-000	rear turn signal, left	1	
18	18-12681-000	front turn signal, right	1	
19	18-12691-000	front turn signal, left	1	
20	12-41848-000	CDI unit, 450	1	
20	12-41849-000	CDI unit, 400, 525	1	
22	12-81703-999	screw, tail light lens	2	
23	21-15620-000	bulb, tail light	1	
24	13-12550-000	nut, turnsignal	4	
25	12-81866-000	lens, turnsignal	4	lens only
26	31-30580-000	screw, 6mm pan head	2	
27	21-15635-000	bulb, 35/35 W	1	
28	13-12550-000	nut, rear tail light	2	
29	21-15635-999	bulb, turn signal	4	
30	31-30190-000	allen, starter cable	2	
31	11-48025-000	bolt, 6x16	3	
32	11-47015-000	bolt, 6x12	2	



RS Models

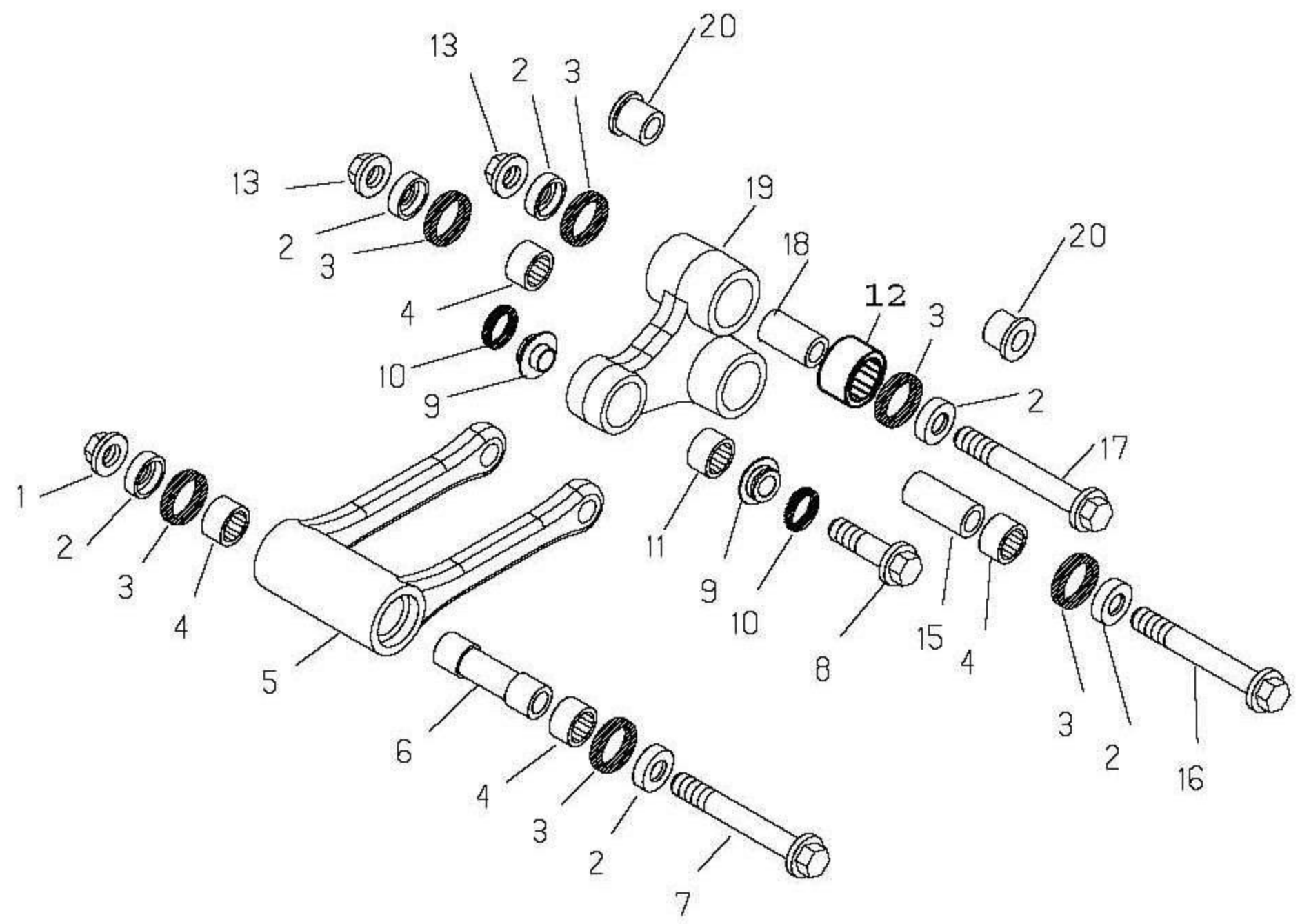


Pos	Part Number	Description	RR/RS	Notes
1	27-23742-000	radiator, right	1	
2	29-15934-000	radiator hose	1	
3	15-15240-000	hose clamp, 19x28	7	
4	29-15933-000	radiator hose	1	
5	29-15811-000	overflow tube	1	sold per foot
6	29-01823-000	radiator cap	1	
7	27-23743-000	radiator, left	1	includes cap
8	10-09172-000	horn	1	RS Model
9	28-97255-000	horn bracket	1	RS Model
10	11-47015-000	bolt, 6x12	2	RS Model
12	29-15935-000	radiator hose	1	
13	11-47015-000	bolt, 6x12	4	
14	27-42000-000	washer, 6x18	4	
15	16-34911-000	rubber mount, radiator	4	
16	29-15936-000	radiator hose	1	
17	16-45544-159	radiator guard, right	1	
18	16-45545-159	radiator guard, left	1	
19	29-15938-000	lower thermo hose A	1	
20	29-15937-000	lower thermo hose B	1	
21	29-11991-000	thermostat assembly	1	



Fits: **400 RR**    **ZD3E1110080100001 thru 100005**  
**450 RR**    **ZD3E1120080120001 thru 120010**  
**525 RR**    **ZD3E1130080140001 thru 140013**  
**450 RS**    **ZD3E1120080130001 thru 130010**

Pos	Part Number	Description	RR/RS	Notes
1	13-21130-000	nut, 12mm	1	same as item 13
2	28-14083-000	cup washer	6	
3	10-64481-000	seal, 25x32x4	6	
4	11-22055-000	needle bearing, 20x26x16	6	
5	11-19742-000	wishbone	1	
6	13-62814-000	inner bushing	1	
7	11-63997-000	bolt	1	
8	11-62050-000	lower shock bolt, 10x45	1	
9	28-14091-000	cup washer	2	
10	10-62030-000	seal, 18x24x3	2	
11	11-22054-000	needle bearing, 18x24x16	1	
12	13-47960-000	inner bushing	1	
13	13-21130-000	nut, 12mm	2	same as item 1
14	27-73635-000	washer, 20x30x1	2	
15	13-62813-000	inner bushing	1	
16	11-63992-000	bolt	1	
17	11-63995-000	bolt	1	
18	13-62812-000	inner bushing	1	
19	11-20475-000	rocker arm	1	
20	11-22052-000	swing arm bushing	2	



Fits: **400 RR**    **ZD3E1110080100006** and on  
**450 RR**    **ZD3E1120080120011** and on  
**525 RR**    **ZD3E1130080140014** and on  
**All other RS Models**

Pos	Part Number	Description	RR/RS	Notes
1	13-21130-000	nut, 12mm	1	same as item 13
2	28-14083-000	cup washer	6	
3	10-64481-000	seal, 25x32x4	6	
4	11-22055-000	needle bearing, 20x26x16	4	
5	11-19742-000	wishbone	1	
6	13-62814-000	inner bushing	1	
7	11-63997-000	bolt	1	
8	11-62050-000	lower shock bolt, 10x45	1	
9	11-21920-000	retainer	2	
10	10-56020-000	seal, 16x24x4	2	
11	16-17310-000	needle bearing, 12x24x13	1	
12	11-22061-000	needle bearing, 20x26x30	1	
13	13-21130-000	nut, 12mm	2	same as item 1
15	13-62813-000	inner bushing	1	
16	11-63992-000	bolt	1	
17	11-63995-000	bolt	1	
18	13-62812-000	inner bushing	1	
19	11-20477-000	rocker arm	1	
20	11-22052-000	swing arm bushing	2	

### Graphics

Pos	Part Number	Description	RR/RS	Notes
opt	13-31482-200	tank panel graphic set only	1	2008 RR/RS (all models)
opt	016-430320-000	tank panel graphic set only	1	2009 RR/RS (all models minus 450 RR-race)
opt	13-31482-200	complete graphic set	1	2008 400 RR
opt	13-31482-300	complete graphic set	1	2008 450 RR
opt	13-31482-400	complete graphic set	1	2008 525 RR
opt	13-31483-000	complete graphic set	1	2008 450 RS
opt	13-31484-000	complete graphic set	1	2008 525 RS
opt	016-430108-000	complete graphic set	1	2009 400 RR
opt	016-430118-000	complete graphic set	1	2009 450 RR
opt	016-430248-000	complete graphic set	1	2009 450 RR-auto
opt	016-430138-000	complete graphic set	1	2009 450 RR-race ****
opt	016-430128-000	complete graphic set	1	2009 525 RR
opt	016-430258-000	complete graphic set	1	2009 525 RR-auto
opt	016-430208-000	complete graphic set	1	2009 450 RS
opt	016-430218-000	complete graphic set	1	2009 525 RS
opt	AB-12100	Front mask graphic	1	2008 RR (all models)
opt	AB-12101	Front mask graphic	1	2008 RS (all models)
opt	AB-12102	Front mask graphic	1	2009 RR 400/450/525
opt	AB-12103	Front mask graphic	1	2009 RR 450-auto/525-auto
opt	AB-10104	Front mask graphic	1	2009 RS (all models)
opt	AB-10105	Front fender graphic	1	2009 RR/RS (all models)
opt	AB-10106	Front fork guard graphic (set)	1	2008 RR/RS (all models)
opt	AB-10107	Front fork guard graphic (set)	1	2009 RR/RS 400/450/525
opt	AB-10108	Front fork guard graphic (set)	1	2009 RR 450-auto/525-auto
opt	AB-10109	airbox graphics (set)	1	2008 400 RR
opt	AB-10110	airbox graphics (set)	1	2008 450 RR
opt	AB-10111	airbox graphics (set)	1	2008 525 RR
opt	AB-10112	airbox graphics (set)	1	2008 450 RS
opt	AB-10113	airbox graphics (set)	1	2008 525 RS
opt	AB-10114	airbox graphics (set)	1	2009 400 RR



opt	AB-10115	airbox graphics (set)	1	2009 450 RR
opt	AB-10116	airbox graphics (set)	1	2009 450 RR-auto
opt	AB-10117	airbox graphics (set)	1	2009 525 RR
opt	AB-10118	airbox graphics (set)	1	2009 525 RR-auto
opt	AB-10119	airbox graphics (set)	1	2009 450 RS
opt	AB-10120	airbox graphics (set)	1	2009 525 RS
opt	AB-10121	Rear number plate graphics (set)	1	2008 RR/RS (all models)
opt	AB-10122	Rear number plate graphics (set)	1	2009 RR/RS (all models)
opt	AB-10123	Rear fender graphic	1	2009 RR/RS (all models)
opt	AB-10124	Fuel tank graphic (around gas cap)	1	2008 RR/RS (all models)
opt	AB-10125	Fuel tank graphic (around gas cap)	1	2009 RR/RS (all models)
<b>****note 450 RR-race model graphics are unique to this model and are only available in a complete set</b>				



# Parts diagrams



**2008-2009  
RR/RS Models  
(ENGINE)**



**Beta**  
*motorcycles*

Printed 4/2009

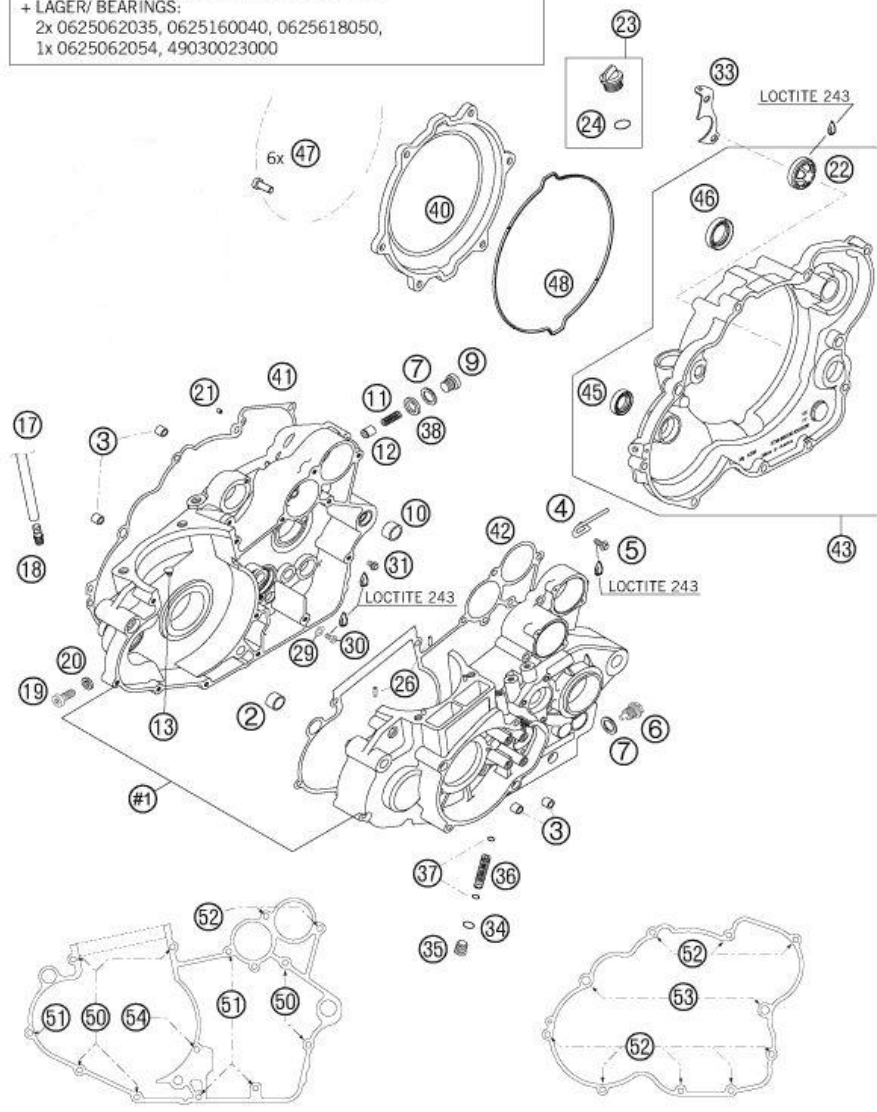
## Table of Contents

Description	Page #
lower engine case	1
crankshaft, piston	2
counterbalancer	3
cylinder	4
cylinder head	5
valves, rocker arms	6
camshaft, camchain, waterpump	7
oil filters, oil pump	8
carburetor	9
stator, cdi, coil	10
starter motor	11
clutch	12
kickstarter assembly	13
transmission A	14
transmission B	15
shifting mechanism	16



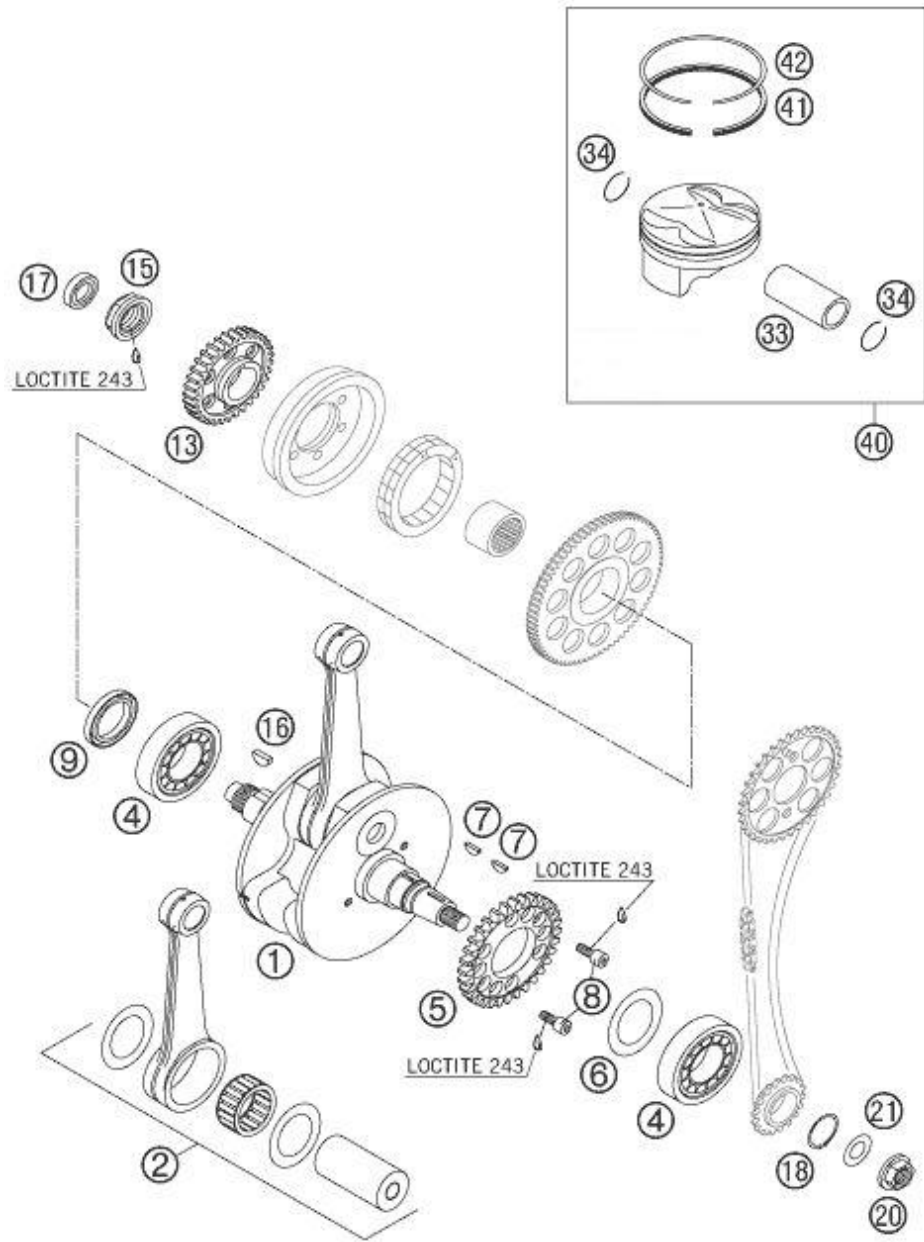
- #1 2 6 7 9 10 11 12 13 26 29 30 31 38  
 + 5x 59030196000,  
 2x 54632095000,  
 1x 59030054000, 59030058000, 59033018000, 59040028000,  
 0912060123, 0912060404, 0760142460  
 + LAGER/ BEARINGS:  
 2x 0625062035, 0625160040, 0625618050,  
 1x 0625062054, 49030023000

Dichtungssatz  
 Gasket-Set



## 08-09 Beta RR/RS Models

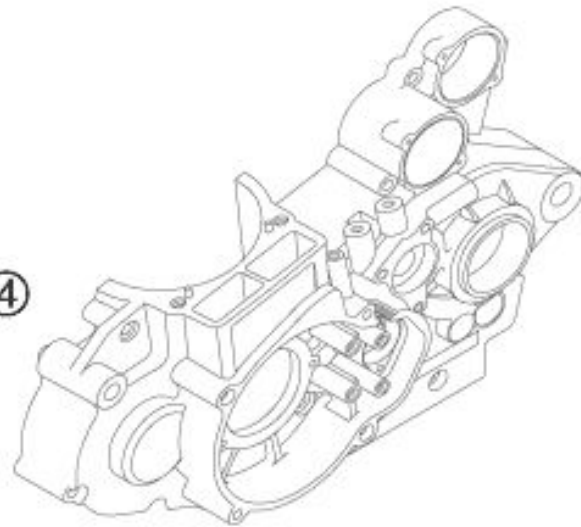
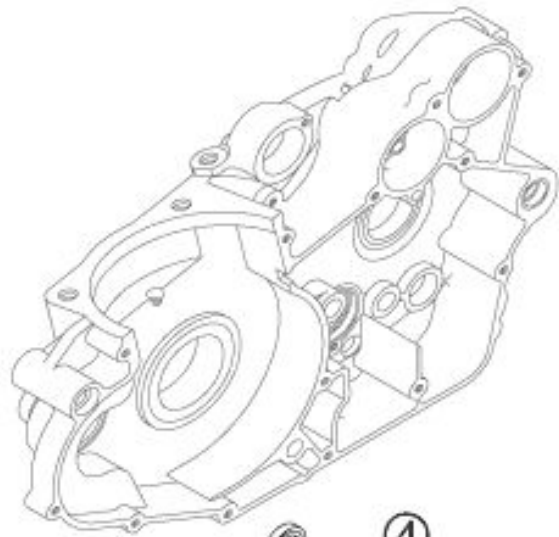
Pos	Part Number	Description	Qty	Notes
1	36-25210-000	engine case set	1	includes parts as listed
2	36-25099-000	dowel, 17x14x12	1	
3	36-25087-000	dowel, 9.8x7x10	4	
4	36-25235-000	hanger for vent hose	1	
5	36-25004-000	bolt, 6x15	1	
6	36-25176-000	oil drain bolt	1	
7	36-25187-000	crush washer	1	
9	36-25062-000	plug	1	
10	36-25221-000	dowel, 17x19x12	1	
11	36-25189-000	pressure spring	1	
12	36-25190-000	valve piston	1	
13	36-25436-000	jet, 60	1	
17	36-25252-000	oil breather pipe	1	
18	36-25219-000	bleeder flange	1	
19	36-25177-000	locating screw	1	
20	36-25178-000	crush washer	1	
21	36-25019-000	needle roller	1	
22	36-25218-000	oil sight glass	1	seal included
23	29-09602-000	oil filler plug	1	
24	36-25054-000	oil filler oring	1	
26	36-25021-000	locating pin	2	
29	36-25015-000	washer	1	
30	36-25076-000	screw, 5x8	1	
31	36-25007-000	screw, 6x8	1	
33	36-25212-000	bracket for brake pedal spring	1	
34	36-25052-000	oring	1	
35	36-25354-000	plug, oil screen	1	
36	36-25355-000	oil screen	1	
37	36-25051-000	oring	2	
38	36-25036-000	seal ring	1	
40	36-25471-000	outer clutch cover	1	
41	36-25222-000	clutch cover gasket	1	
42	36-25472-000	center case gasket	1	
43	36-25470-000	clutch cover assembly	1	includes outter cover
45	36-25044-000	shift shaft seal	1	
46	36-25045-000	kickstart shaft seal	1	
47	36-25473-000	bolt, clutch cover	6	
48	36-25474-000	outter clutch cover seal	1	
50	36-25011-000	bolt, 6x45	6	
51	11-05485-000	bolt, 6x60	4	
52	11-50300-000	bolt, 6x30	10	
53	36-25009-000	bolt, 6x35	2	
54	36-25013-000	bolt, 6x75	1	
60	36-25236-000	complete engine gasket set	1	





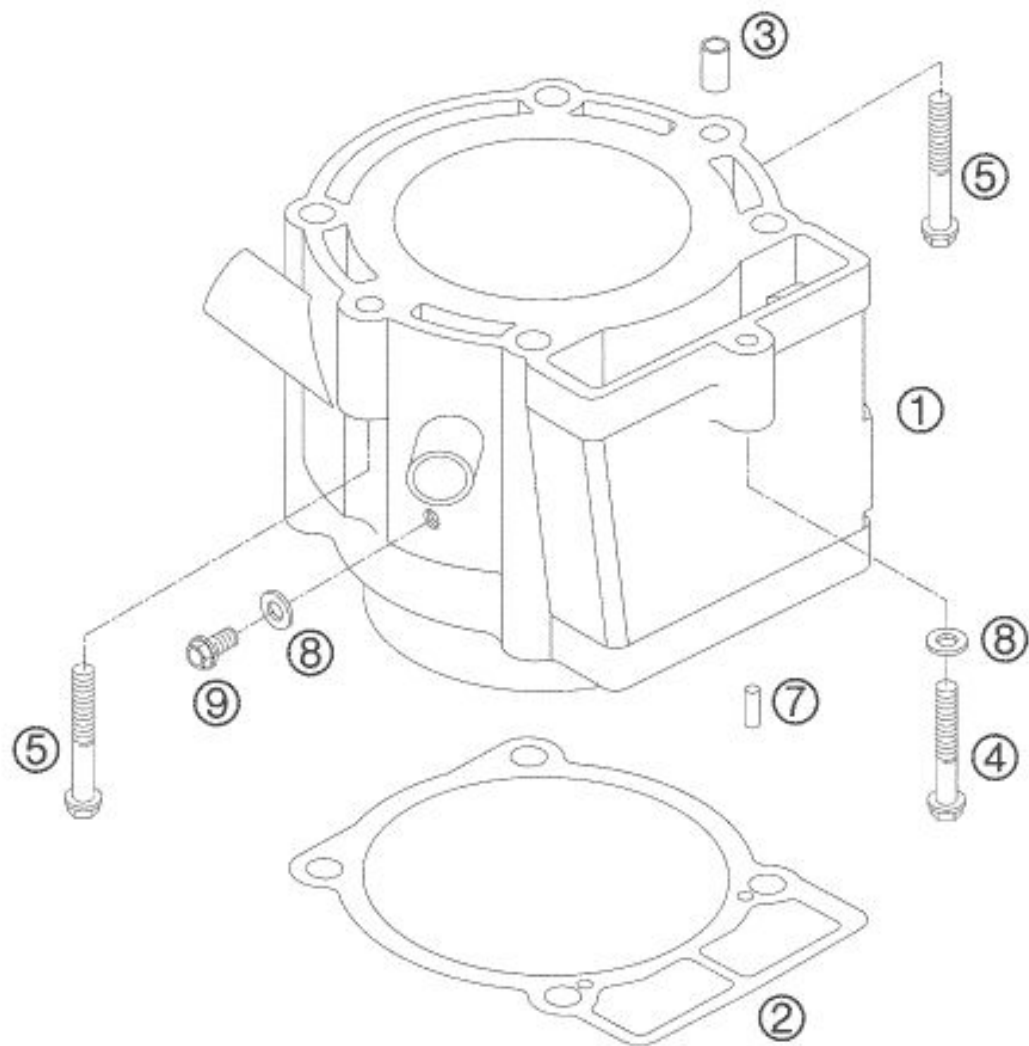
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25438-000	crankshaft	1	400
1	36-25489-000	crankshaft	1	450, 525
2	36-25379-000	connecting rod set	1	400
2	36-25216-000	connecting rod set	1	450, 525
4	36-25091-000	engine main bearing	2	
5	36-25231-000	drive gear, 32t	1	
6	36-25133-000	thrust washer	opt	
6	36-25134-000	thrust washer	opt	
6	36-25135-000	thrust washer	opt	
7	36-25061-000	keyway	2	
8	36-25072-000	bolt, 6x16	2	
9	36-25046-000	oil seal, 30x47x7	1	
13	36-25257-000	primary gear, 33t	1	
15	36-25223-000	nut	1	
16	36-25002-000	keyway	1	
17	36-25044-000	oil seal, 14x24x6	1	
18	36-25033-000	circlip	1	
20	13-25010-000	nut	1	
21	36-25017-000	spring washer	1	
33	36-25225-000	piston pin	1	
34	36-25233-000	circlip, piston	2	
40	36-25423-000	piston kit, 89mm #1	1	400
40	36-25424-000	piston kit, 89mm #2	1	400
40	36-25421-000	piston kit, 89mm #1	1	450
40	36-25422-000	piston kit, 89mm #2	1	450
40	36-25417-000	piston kit, 95mm #1	1	525
40	36-25418-000	piston kit, 95mm #2	1	525
41	36-25381-000	oil scraper ring	1	400, 450
41	36-25179-000	oil scraper ring	1	525
42	36-25172-000	piston ring, top	1	400, 450
42	36-25224-000	piston ring, top	1	525



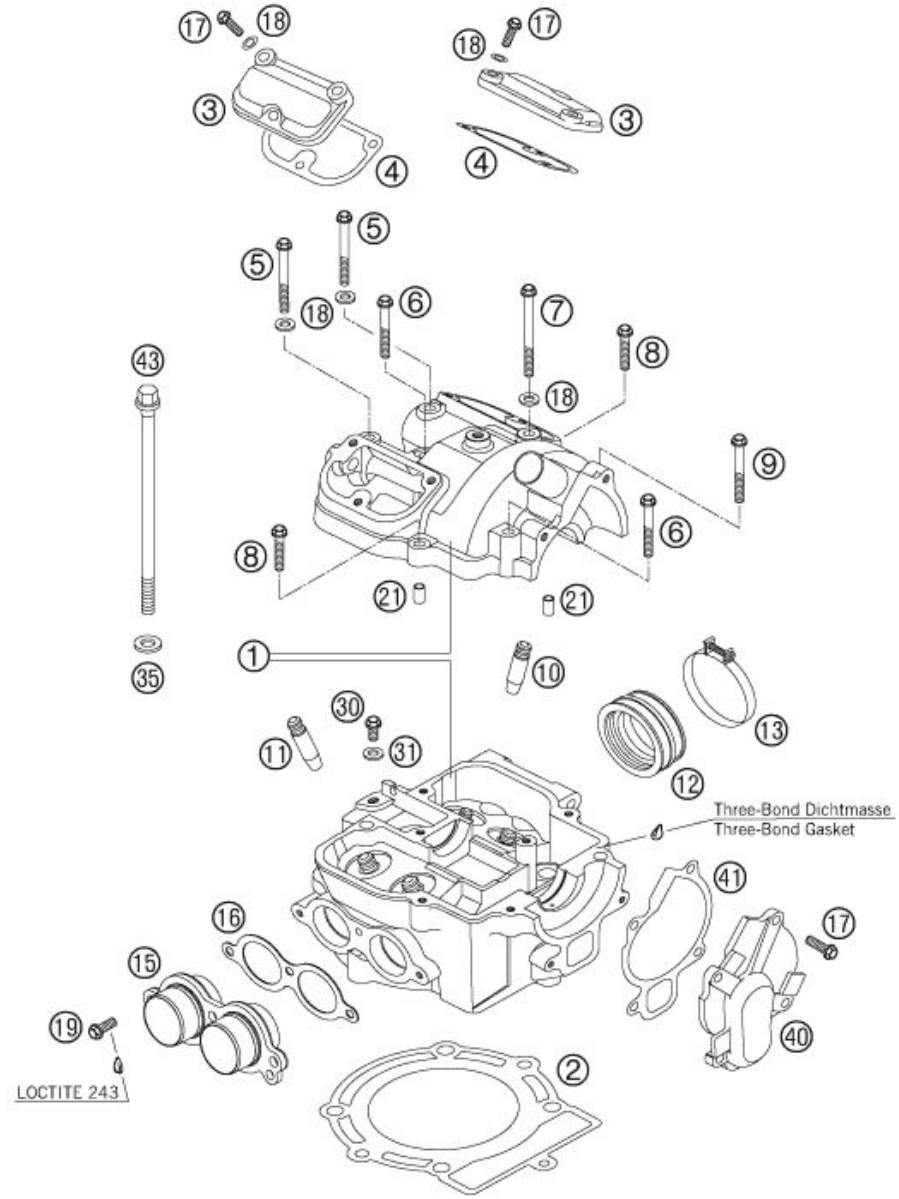
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
2	36-25232-000	balancer shaft	1	
4	36-25041-000	bearing	2	
6	36-25044-000	oil seal	1	



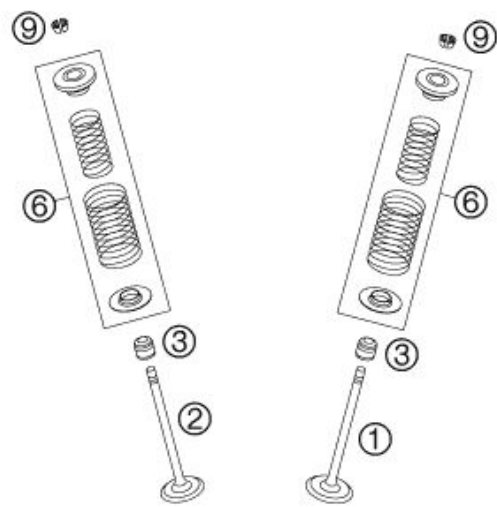
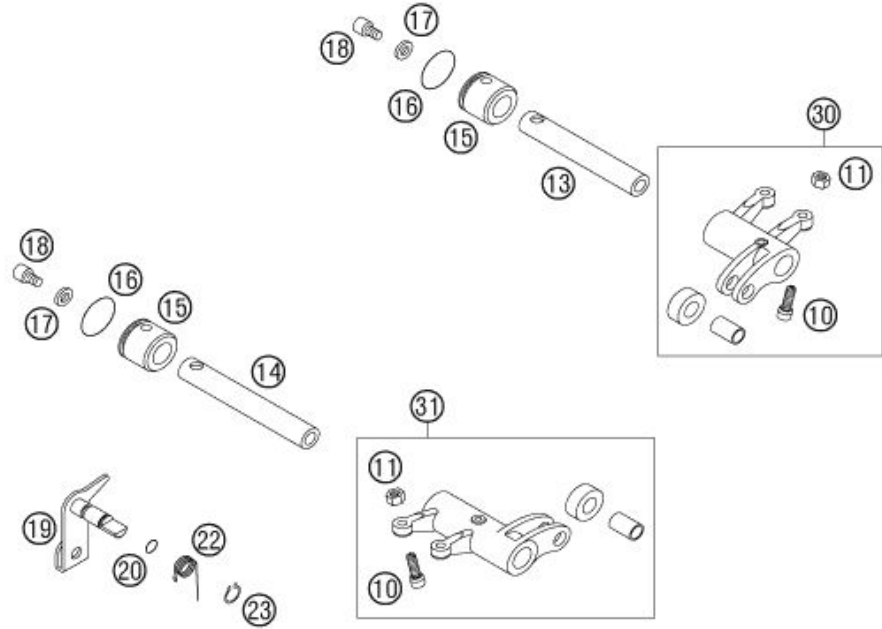
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25378-000	cylinder, 89mm	1	400, 450
1	36-25215-000	cylinder, 95mm	1	525
2	36-25226-000	base gasket, 0.5mm	1	400, 525
2	36-25372-000	base gasket, 0.8mm	1	450
3	36-25220-000	dowel	2	
4	36-25010-000	bolt, 6x40	1	
5	36-25011-000	bolt, 6x45	2	
7	36-25021-000	locating pin	2	
8	36-25034-000	crush washer	2	
9	36-25008-000	bolt, 6x10	1	



08-09 Beta RR/RS Models

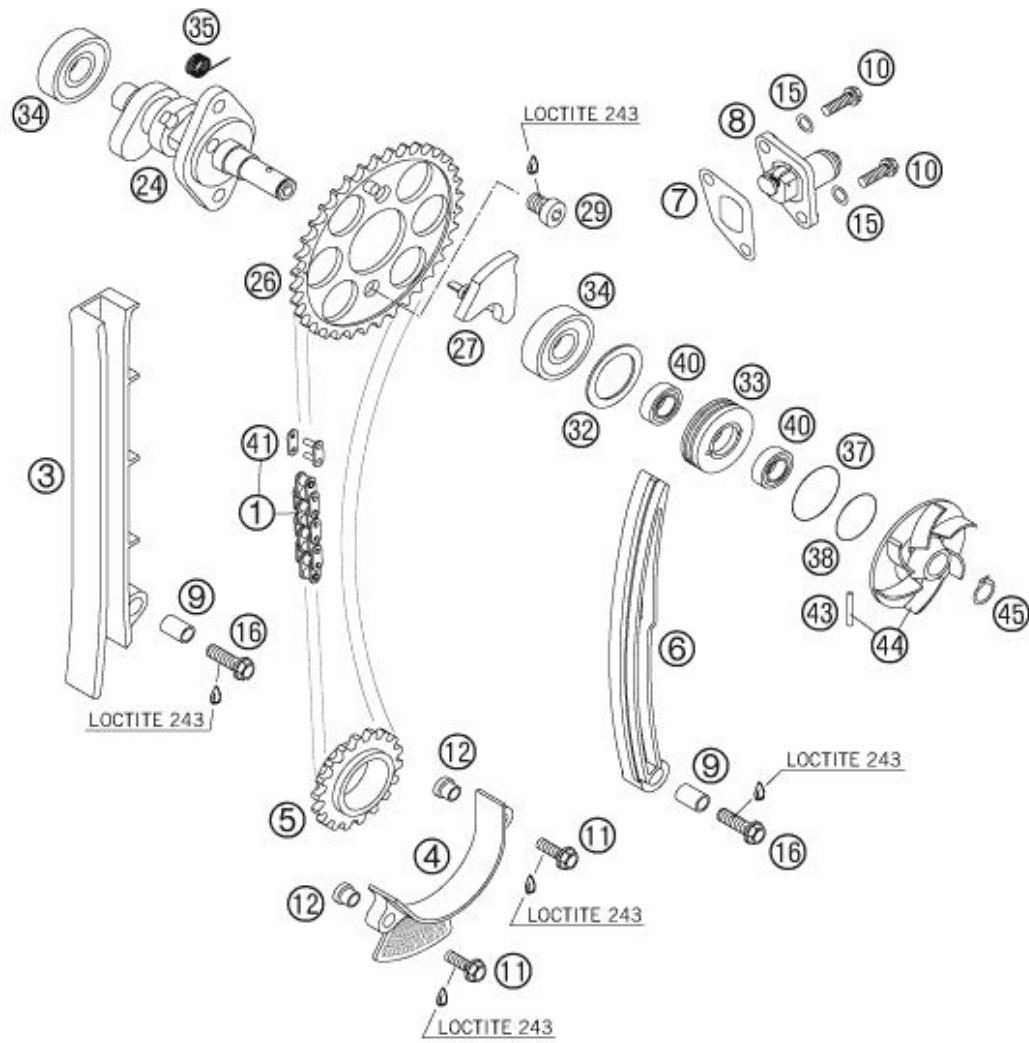
Pos	Part Number	Description	Qty	Notes
1	36-25475-999	cylinder head USA	1	includes vacuum port
2	36-25382-000	head gasket, 89.3mm	1	400, 450
2	36-25227-000	head gasket, 95.3mm	1	525
3	36-25456-000	tappet cover	2	
4	36-25183-000	tappet cover gasket	2	
5	36-25012-000	bolt, 6x55	2	
6	36-25011-000	bolt, 6x45	2	
7	36-25013-000	bolt, 6x75	1	
8	11-50300-000	bolt, 6x30	2	
9	11-05535-000	bolt, 6x50	1	
10	36-25457-000	valve guide, intake	2	
11	36-25328-000	valve guide, exhaust	2	
12	22-13205-000	intake boot	1	
13	15-14272-000	clamp	2	
15	36-25375-000	exhaust flange	1	
16	36-25334-000	exhaust flange gasket	1	
17	11-49070-000	bolt, 6x20	10	
18	36-25034-000	crush washer	9	
19	11-48025-000	bolt, 6x16	3	
21	36-25220-000	dowel	2	
30	36-25316-000	bolt, 6x10	1	
31	36-25184-000	crush washer	1	
35	36-25348-000	washer	4	
40	36-25308-000	water pump cover	1	
41	36-25309-000	water pump cover gasket	1	
43	36-25476-000	cylinder bolt	4	





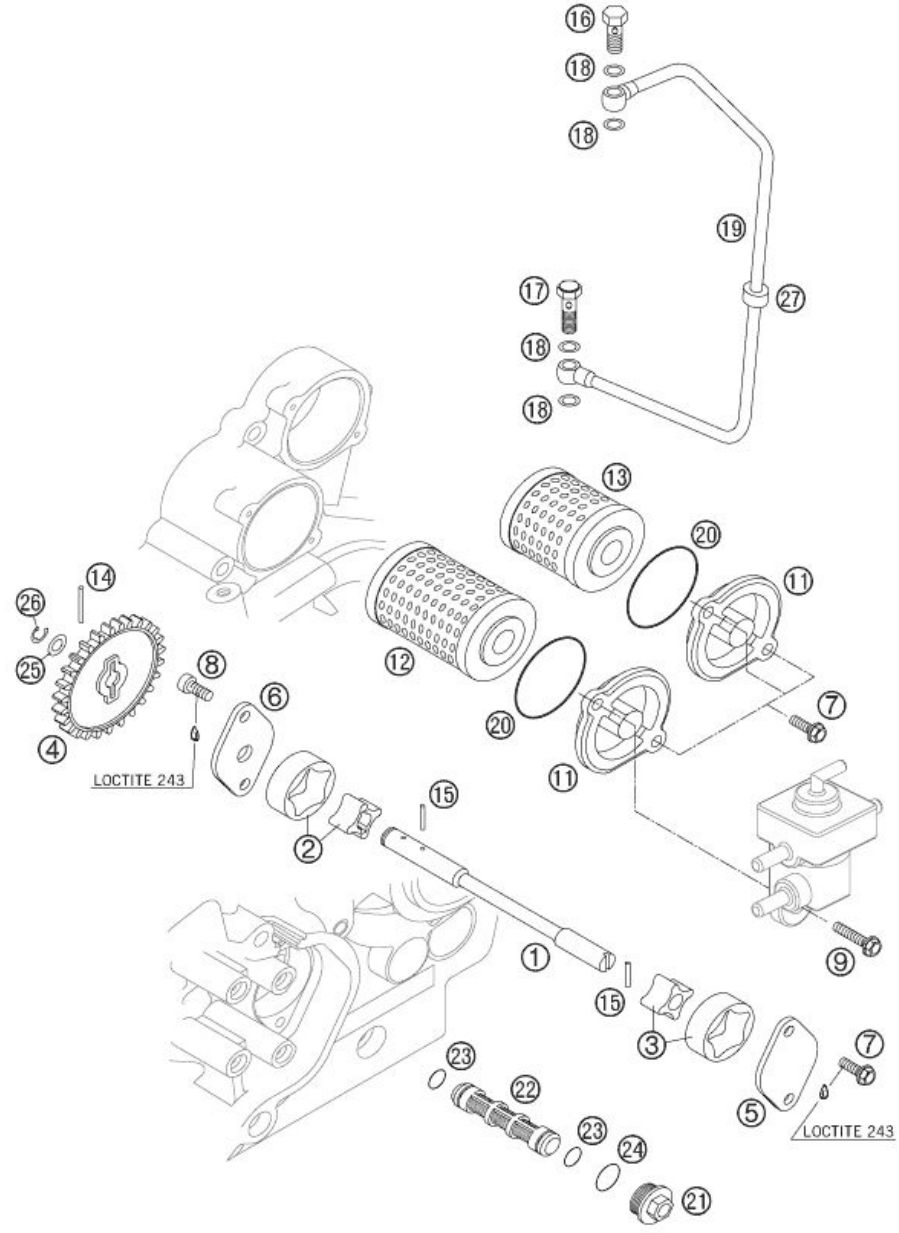
**08-09 Beta RR/RS Models**

Pos	Part Number	Description	Qty	Notes
1	36-25331-000	intake valve, 35mm	2	
2	36-25332-000	exhaust valve, 30mm	2	
3	36-25329-000	valve guide seals	4	
6	36-25330-000	valve spring kit	4	
9	36-25333-000	valve spring keeper	8	
10	36-25343-000	valve adjustment screw	4	
11	36-25344-000	valve adjustment nut	4	
13	36-25336-000	rocker arm shaft, intake	1	
14	36-25337-000	rocker arm shaft, exhaust	1	
15	36-25341-000	end cap	2	
16	36-25055-000	oring	2	
17	36-25339-000	washer, aluminum	2	
18	36-25063-000	screw, 5x8	2	
19	36-25335-000	decompression shaft	1	
20	36-25050-000	oring	1	
22	36-25338-000	spring	1	
23	36-25030-000	circlip	1	
30	36-25340-000	rocker arm assembly, intake	1	
31	36-25342-000	rocker arm assembly, exhaust	1	



08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25319-000	cam chain	1	includes master link
3	36-25311-000	cam chain guide	1	
4	36-25324-000	cam chain guide, lower	1	
5	36-25321-000	timing gear, 18t	1	
6	36-25313-000	cam chain guide	1	
7	36-25315-000	cam chain tensioner gasket	1	
8	36-25314-000	cam chain tensioner	1	
9	36-25312-000	bushing	2	
10	11-49070-000	bolt, 6x20	2	
11	36-25005-000	bolt, 5x16	2	
12	36-25325-000	spacer	2	
15	36-25034-000	crush washer	2	
16	11-50010-000	bolt, 6x25	2	
24	36-25383-000	camshaft	1	400
24	36-25317-000	camshaft	1	450, 525
26	36-25318-000	camshaft gear	1	
27	36-25322-000	auto decompression shaft	1	
29	36-25075-000	bolt, 8x10	2	
32	36-25347-000	shim washer	1	
33	36-25346-000	water pump seal holder	1	
34	36-25038-000	camshaft bearing	2	
35	36-25323-000	spring for auto decompression	1	
37	36-25057-000	oring	1	
38	36-25049-000	oring	1	
40	36-25043-000	water pump seal	2	
41	36-25320-000	cam chain master link	1	
43	36-25020-000	locating pin	1	
44	36-25310-000	water pump impeller	1	
45	36-25080-000	circlip	1	



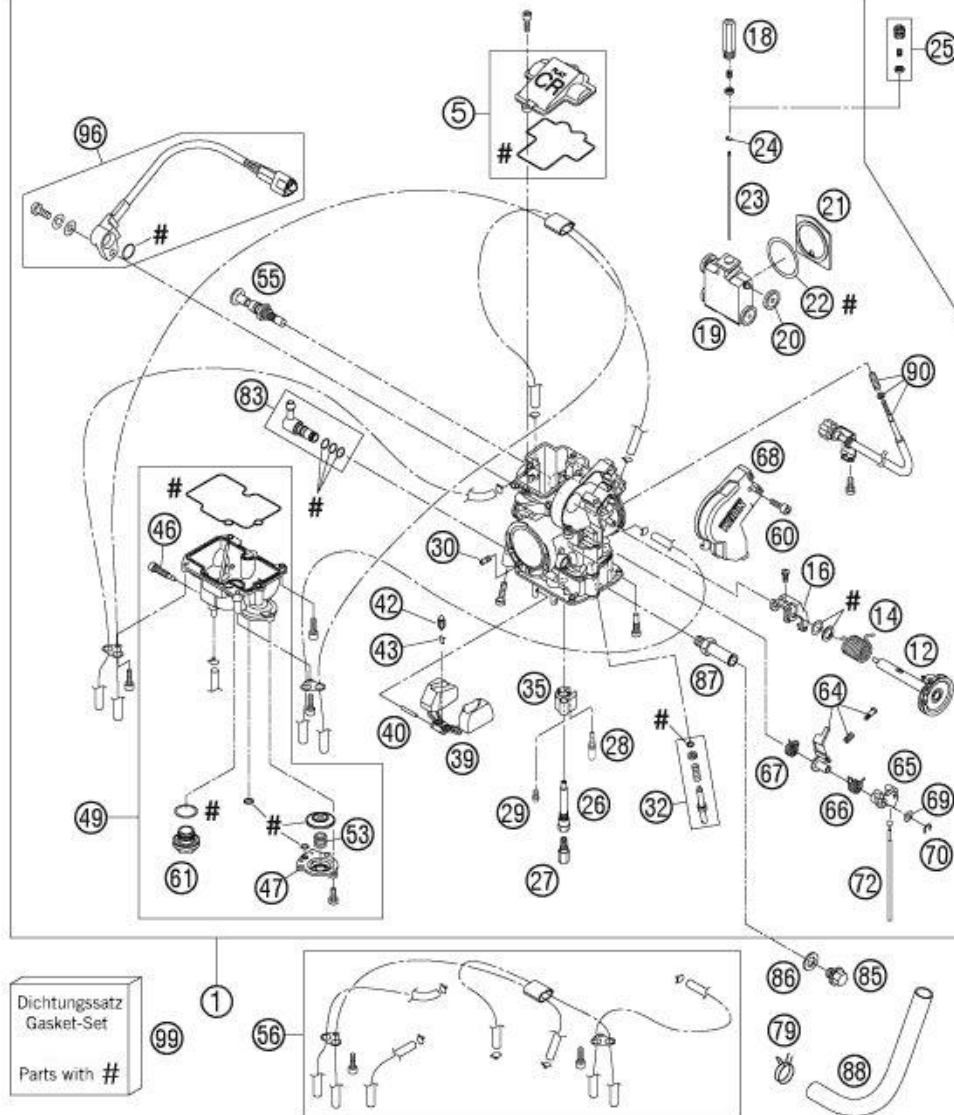
**08-09 Beta RR/RS Models**

Pos	Part Number	Description	Qty	Notes
1	36-25349-000	oil pump shaft	1	
2	36-25352-000	oil pump assembly, inner	1	
3	36-25353-000	oil pump assembly, outer	1	
4	36-25196-000	oil pump drive gear, 26t	1	
5	36-25351-000	oil pump cover, outer	1	
6	36-25350-000	oil pump cover, inner	1	
7	36-25005-000	bolt, 5x16	6	
8	36-25070-000	bolt, 5x12	2	
11	36-25360-000	oil filter cover	2	
12	36-25185-000	oil filter, long	1	
13	36-25361-000	oil filter, short	1	
14	36-25023-000	locating pin	1	
15	36-25022-000	locating pin	2	
16	36-25477-000	banjo bolt	1	
17	36-25358-000	banjo bolt	1	
18	36-25035-000	crush washer	4	
19	36-25359-000	oil pipe	1	
20	36-25059-000	oring, oil filter cover	2	
21	36-25357-000	oil screen plug	1	
22	36-25356-000	oil screen	1	
23	36-25053-000	oring, oil screen	2	
24	36-25048-000	oring, oil screen plug	1	
25	36-25186-000	washer	1	
26	36-25060-000	circlip	1	
27	36-25192-000	rubber, oil pipe	1	

**ACHTUNG !!!**  
Vor dem Einbau des Vergasers,  
Bedüsung kontrollieren.



**CAUTION !!!**  
Before mounting the carburetor,  
check the jetting.



**08-09 Beta RR/RS Models**

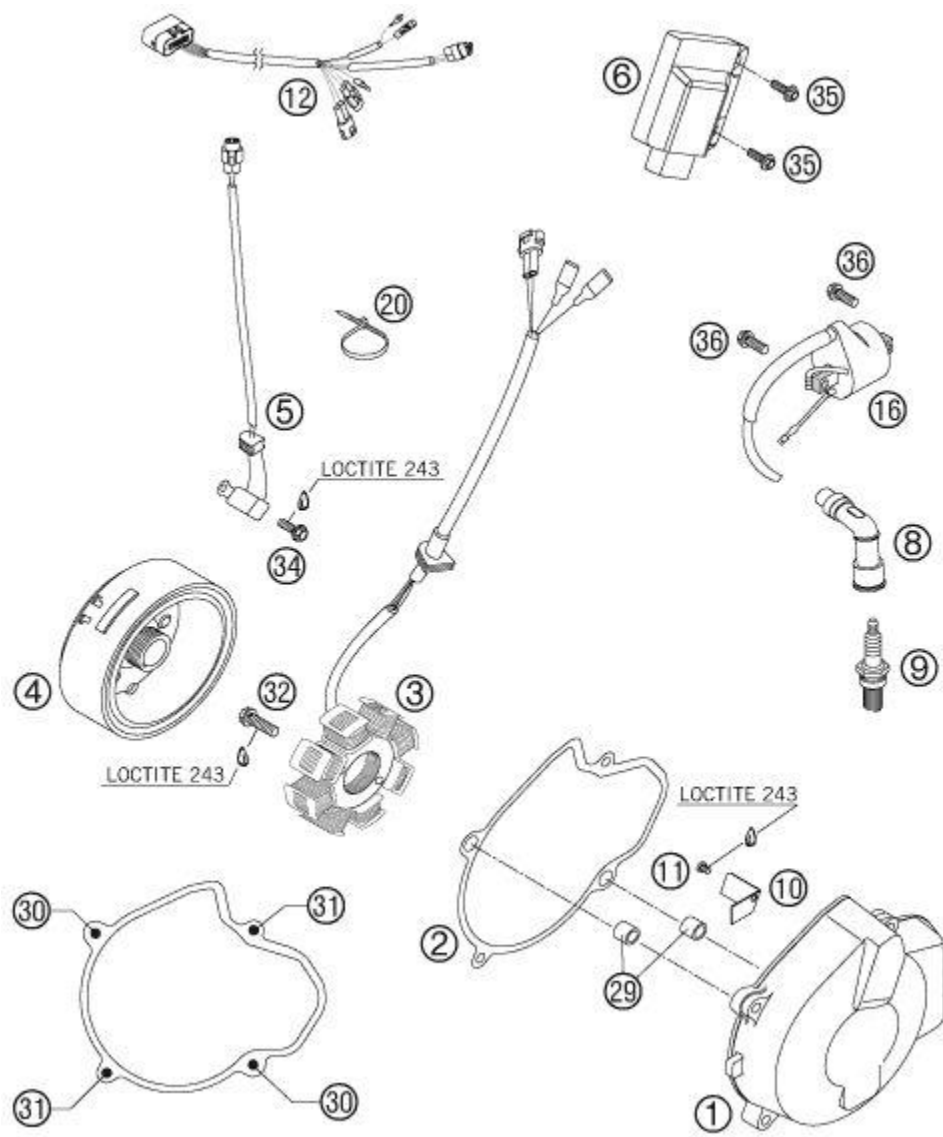
Pos	Part Number	Description	Qty	Notes
1	12-04926-000	carburetor assembly	1	400 RR
1	12-04924-000	carburetor assembly	1	450 RR
1	12-04925-000	carburetor assembly	1	525 RR
1	12-04927-000	carburetor assembly	1	450 RS
1	12-04928-000	carburetor assembly	1	525 RS
5	36-25146-000	carburetor cover	1	
12	36-25155-000	throttle shaft	1	
14	36-25156-000	throttle shaft spring	1	
16	36-25150-000	throttle valve arm	1	
18	not used			
19	36-25149-000	throttle valve	1	
20	36-25249-000	throttle valve bushing	4	
21	36-25151-000	throttle valve plate	1	
22	36-25250-000	gasket washer	1	
23	36-25248-000	jet needle, OBDTR	1	400, 450, 525 RR
23	36-25239-000	jet needle, OBDVT	1	450, 525 RS
23	36-25420-000	jet needle, OBDVR	opt	
24	36-25240-000	needle clip	1	
25	36-25147-000	needle holder set	1	
26	36-25256-000	needle jet	1	
27	36-25110-000	main jet, 170	opt	
27	36-25111-000	main jet, 172	opt	
27	36-25112-000	main jet, 175	opt	
27	36-25113-000	main jet, 178	1	stock jet
27	36-25114-000	main jet, 180	opt	
27	36-25115-000	main jet, 182	opt	
27	36-25116-000	main jet, 185	opt	
27	36-25117-000	main jet, 188	opt	
27	36-25118-000	main jet, 190	opt	
28	36-25102-000	pilot jet, 42	1	stock jet
28	36-25103-000	pilot jet, 45	opt	
29	36-25253-000	starter jet, 85	1	
30	36-25139-000	idle air jet, 100	1	

08-09 Beta RR/RS Models

31	36-25152-000	idle air jet, 200	1	
32	36-25237-000	air mixture screw set	1	
35	36-25166-000	buffer plate	1	
39	36-25141-000	float	1	
40	36-25140-000	float arm pin	1	
42	36-25478-000	float valve assembly	1	
46	36-25170-000	drain screw	1	
47	36-25161-000	accelerator pump cover	1	
49	36-25142-000	float chamber	1	
53	36-25254-000	coil spring	1	
55	36-25157-000	starter valve set	1	
56	36-25168-000	breather hose set	1	
60	36-25154-000	screw, throttle cover	1	
61	36-25143-000	drain bolt	1	
64	36-25163-000	intermediate lever set	1	
65	36-25159-000	link lever	1	
66	36-25160-000	spring, link lever	1	
67	36-25171-000	spring, intermediate lever	1	
68	36-25153-000	carburetor cover	1	
69	36-25167-000	washer	1	
70	36-25165-000	circlip	1	
72	36-25162-000	accelerator pump rod	1	
79	36-25195-000	clamp	1	
85	36-25480-000	plug	opt	
86	36-25481-000	crush washer	opt	
87	36-25482-000	hose connector	1	
88	36-25252-000	engine breather hose	1	
90	36-25145-000	idle adjuster set	1	
96	36-25483-000	throttle position sensor	1	
99	36-25169-000	gasket set, complete	1	

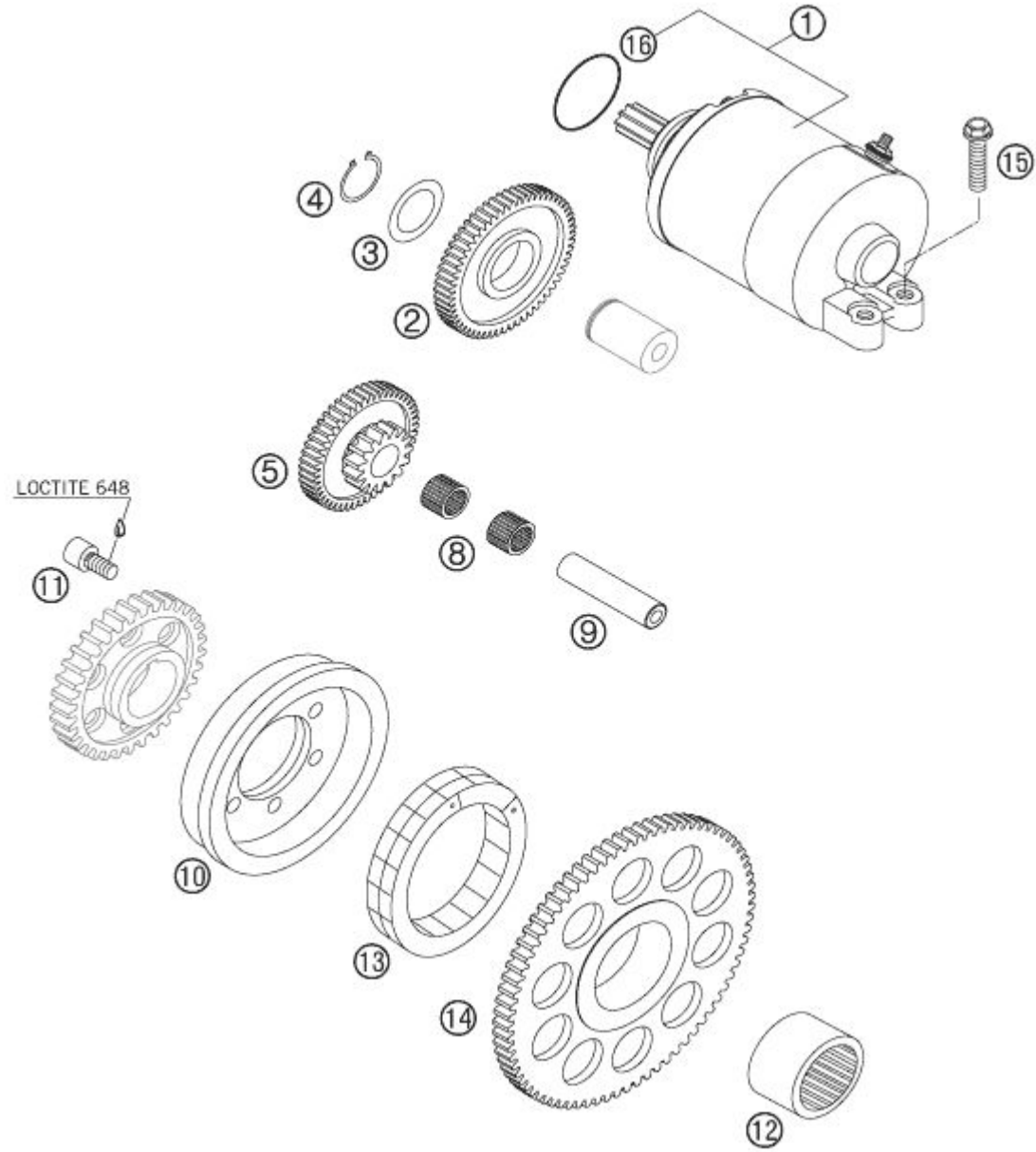






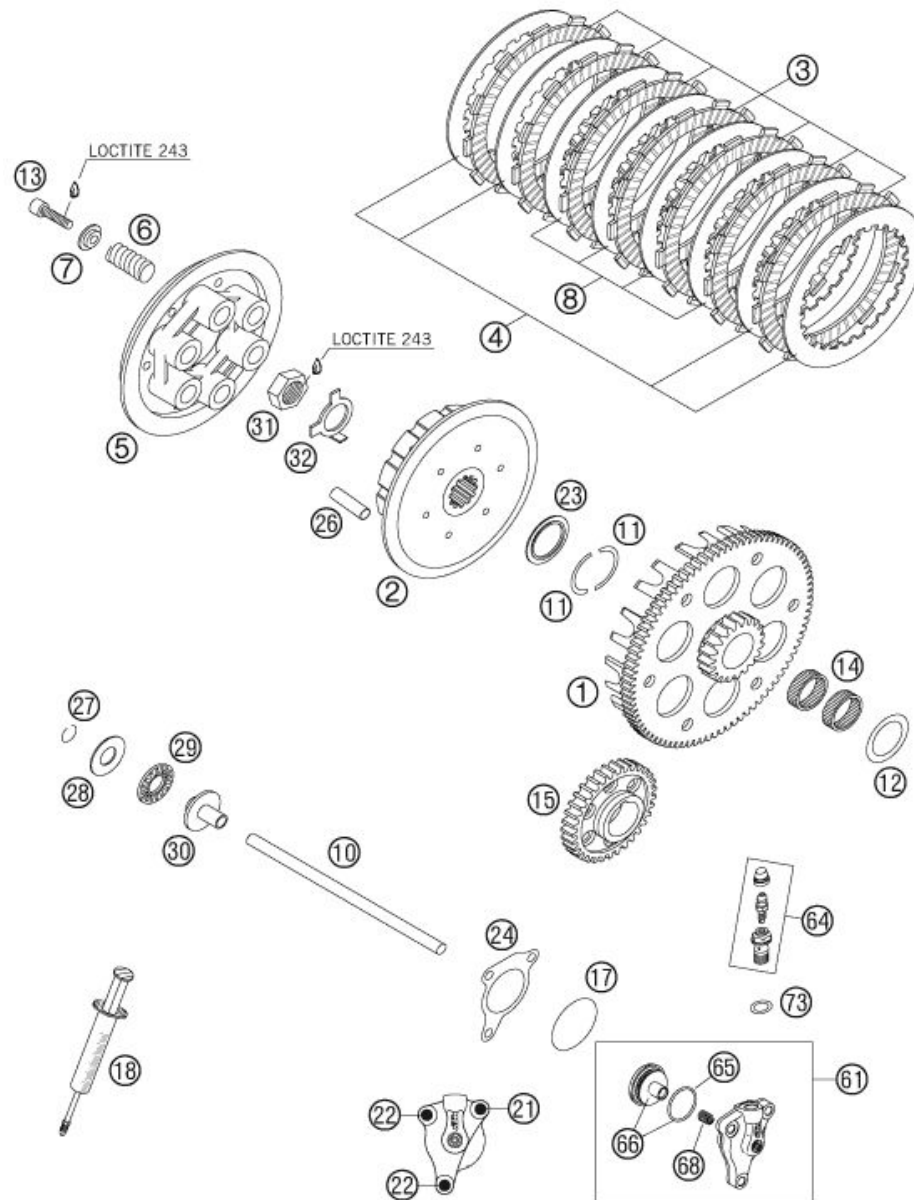
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25213-000	ignition cover	1	
2	36-25229-000	ignition cover gasket	1	
3	36-25364-000	stator	1	does not include item #5
4	36-25365-000	flywheel	1	
5	36-25362-000	pulser coil	1	
6	12-41848-000	cdi unit	1	450 RR and RS
6	12-41849-000	cdi unit	1	400, 525 RR and RS
8	27-13553-000	spark plug cap	1	
9	36-25363-000	spark plug, DCPR8E	1	
10	36-25214-000	support for wire	1	
11	36-25014-000	screw, 4x6	1	
12	36-25377-000	wire loom	1	CDI to main loom
16	11-20694-800	ignition coil	1	
20	36-25085-000	cable tie	opt	sold in package of 10
29	36-25087-000	dowel	2	
30	36-25009-000	bolt, 6x35	2	
31	11-50300-000	bolt, 6x30	2	
32	11-49070-000	bolt, 6x20	2	
34	36-25005-000	bolt, 5x16	2	
35	36-25003-000	bolt, 6x10	2	
36	11-48025-000	bolt, 6x16	2	



08-09 Beta RR/RS Models

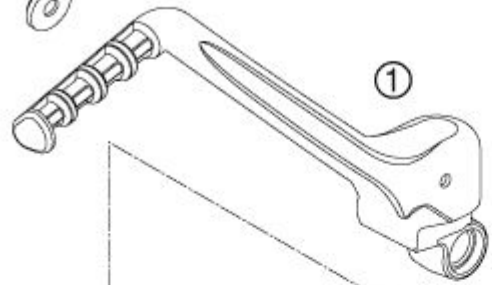
Pos	Part Number	Description	Qty	Notes
1	36-25366-000	starter motor	1	
1	36-25366-999	starter motor brush set	1	item not shown
2	36-25368-000	intermediate gear, 58t	1	
3	36-25123-000	shim	1	
4	36-25031-000	circlip	1	
5	36-25461-000	reduction gear	1	
8	36-25484-000	needle bearing	2	
9	36-25370-000	bearing shaft	1	
10	36-25369-000	one-way clutch hub	1	
11	36-25066-000	screw, 6x10	6	
12	36-25251-000	needle bearing	1	
13	36-25197-000	one-way clutch	1	
14	36-25463-000	freewheel gear	1	
15	11-49070-000	bolt, 6x20	2	
16	36-25056-000	oring	1	



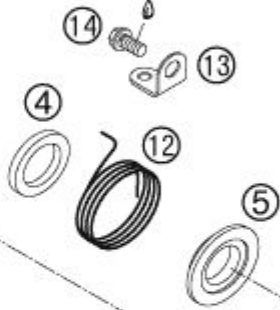
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25464-000	clutch basket	1	
2	36-25485-000	inner clutch hub	1	
3	36-25267-000	friction disc	7	
4	36-25266-000	steel plate, 1.0mm	4	
5	36-25486-000	pressure plate	1	
6	36-25262-000	clutch spring	6	
7	36-25453-000	spring retainer	6	
8	36-25454-000	steel plate, 1.4mm	4	
10	36-25455-000	clutch push rod	1	
11	36-25264-000	half washer	2	
12	36-25268-000	shim	1	
13	36-25073-000	bolt, 6x25	6	
14	36-25029-000	needle bearing	2	
15	36-25257-000	primary gear, 33t	1	
16	12-91895-033	clutch slave cylinder	1	
17	36-25058-000	oring	1	
18	36-25090-000	fluid injector	opt	
19	36-25272-000	piston kit	1	includes ball and oring
20	31-83530-000	bleeder screw	1	
21	36-25009-000	bolt, 6x35	1	
22	11-49070-000	bolt, 6x20	2	
23	36-25265-000	stepped washer	1	
24	36-25271-000	slave cylinder gasket	1	
26	36-25465-000	drive sleeve	12	
27	36-25079-000	circlip	1	
28	36-25131-000	washer	1	
29	36-25130-000	needle bearing	1	
30	36-25092-000	pressure piece	1	
31	36-25069-000	clutch nut	1	
32	36-25137-000	locking washer	1	
33	36-25270-000	banjo bolt	1	

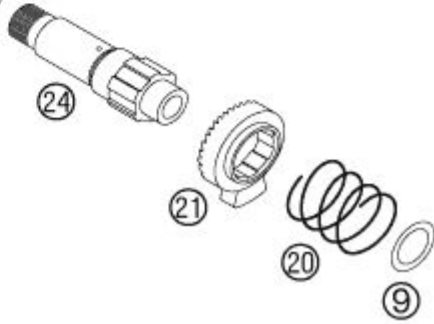
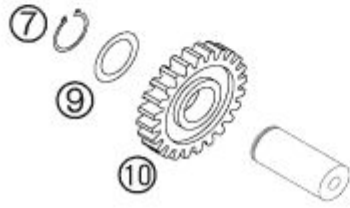
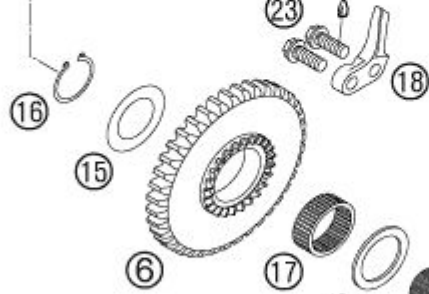
LOCTITE 243



LOCTITE 243



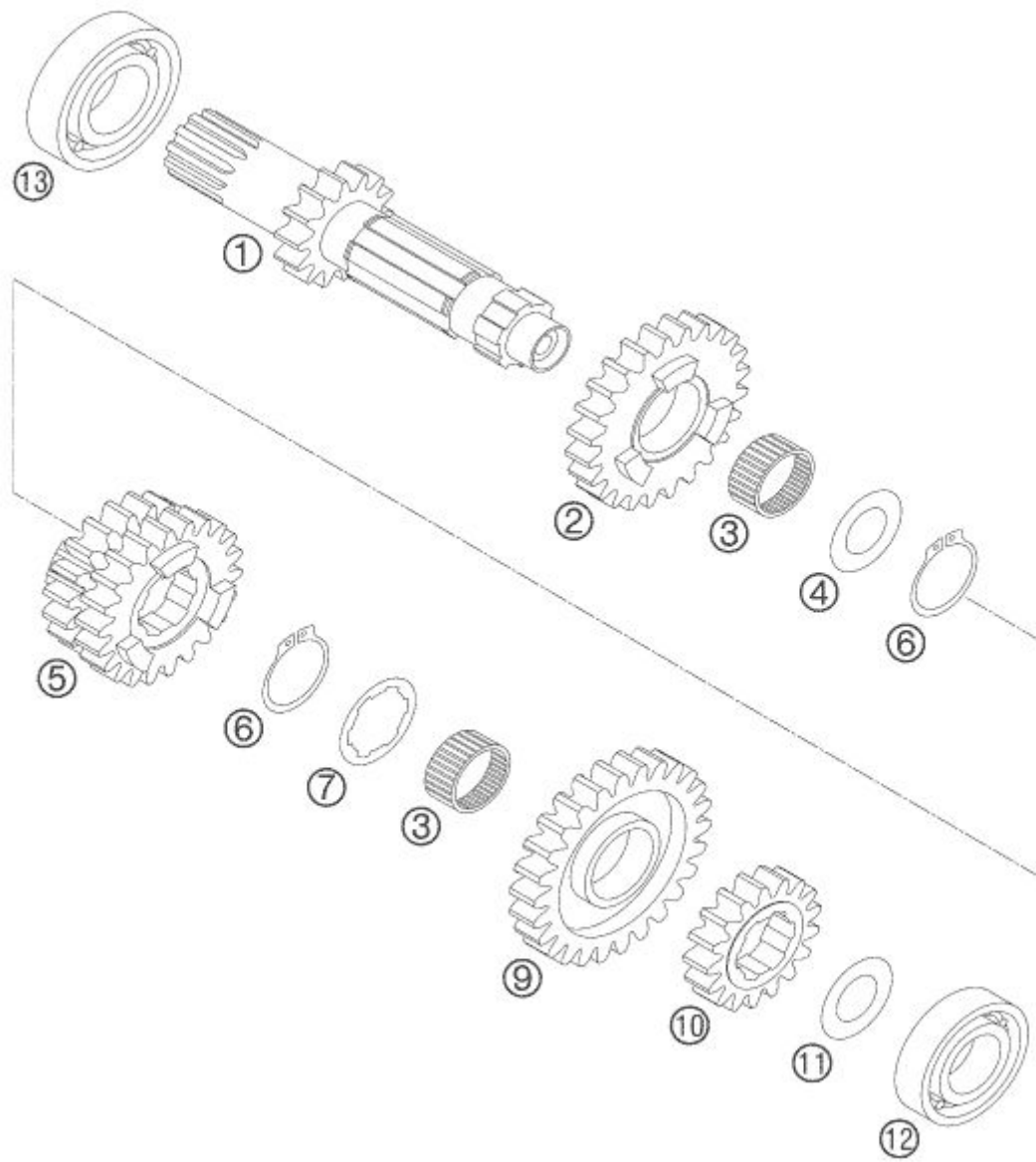
LOCTITE 243





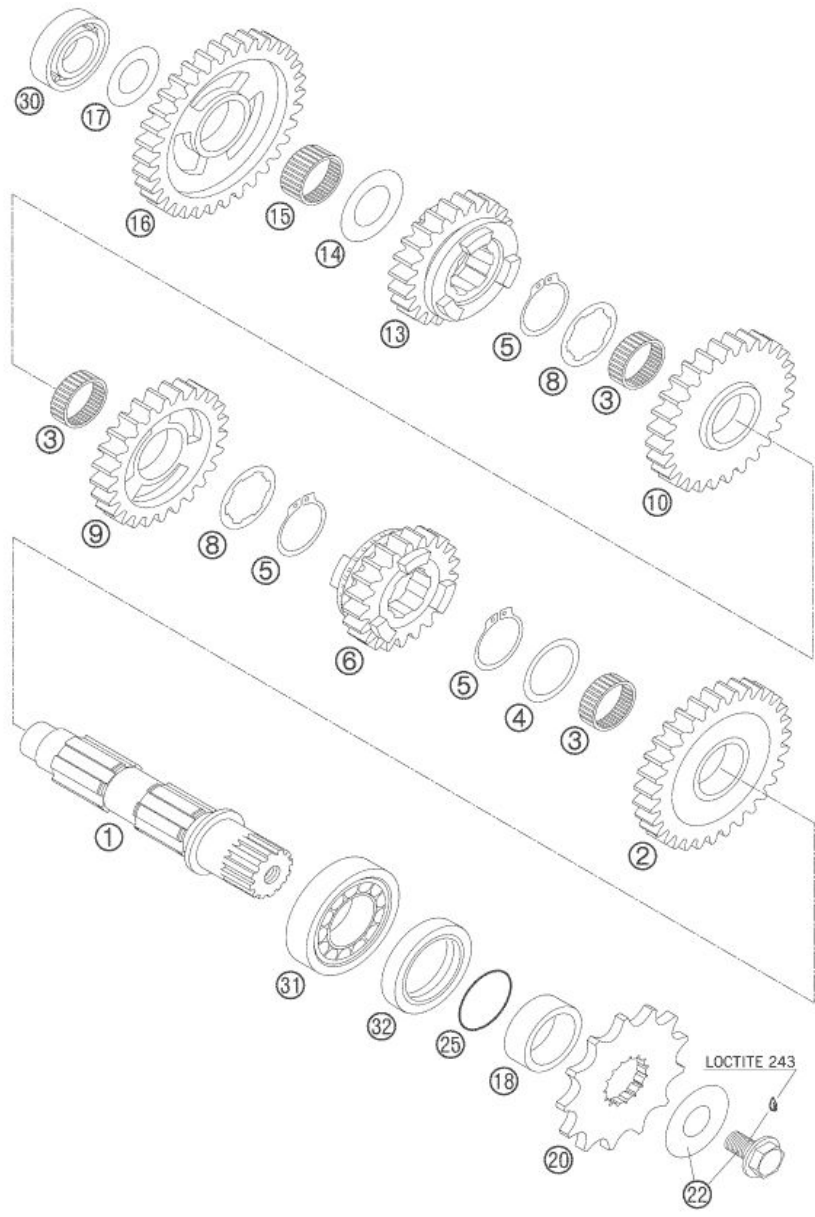
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	21-55620-000	kickstart lever	1	
2	11-70014-000	kickstart lever bolt	1	
3	27-74788-000	washer	1	
4	36-25045-000	oil seal, 19x30x7	1	
5	36-25293-000	driving hub	1	
6	36-25289-000	kickstarter gear, 39t	1	
7	36-25031-000	circlip	1	
9	36-25078-000	shim washer	1	
10	36-25291-000	intermediate gear, 24t	1	
12	36-25292-000	kickstarter spring	1	
13	36-25295-000	spring hanger	1	
14	11-47015-000	bolt, 6x12	1	
15	36-25296-000	shim	1	
16	36-25032-000	circlip	1	
17	36-25026-000	needle bearing	1	
18	36-25294-000	bump stop	1	
19	36-25181-000	shim	1	
20	36-25180-000	ratchet gear spring	1	
21	36-25290-000	kickstart ratchet	1	
23	11-49070-000	bolt, 6x20	2	
24	36-25288-000	kickstart shaft	1	



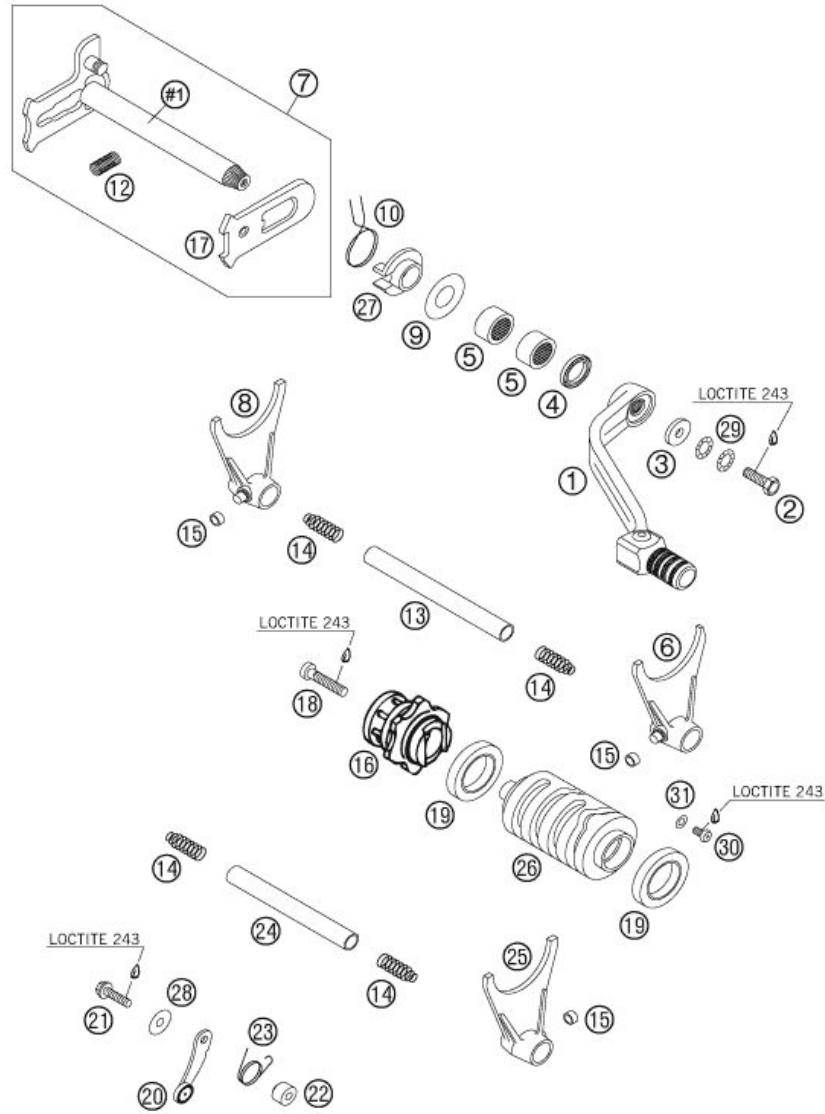
08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25273-000	main shaft, 1st, 14t	1	
2	36-25276-000	idler gear, 5th, 24t	1	
3	36-25028-000	needle bearing	2	
4	36-25286-000	shim	1	
5	36-25275-000	sliding gear, 3rd/4th, 19/22t	1	
6	36-25033-000	circlip	2	
7	36-25285-000	shim	1	
9	36-25277-000	idler gear, 6th, 26t	1	
10	36-25274-000	solid gear, 2nd, 17t	1	
11	36-25136-000	shim	1	
12	36-25039-000	bearing, 6203	1	
13	36-25040-000	bearing, 6205	1	



08-09 Beta RR/RS Models

Pos	Part Number	Description	Qty	Notes
1	36-25278-000	countershaft	1	
2	36-25280-000	idler gear, 2nd, 31t	1	
3	36-25027-000	needle bearing	3	
4	36-25286-000	shim	1	
5	36-25033-000	circlip	3	
6	36-25284-000	idler gear, 6th, 21t	1	
8	36-25285-000	shim	2	
9	36-25282-000	sliding gear, 4th, 26t	1	
10	36-25281-000	sliding gear, 3rd, 28t	1	
13	36-25283-000	sliding gear, 5th, 23t	1	
14	36-25296-000	shim	1	
15	36-25025-000	needle bearing	1	
16	36-25279-000	idler gear, 1st, 34t	1	
17	36-25136-000	shim	1	
18	36-25121-000	spacer bushing	1	
20	25-64081-000	front sprocket, 15t	1	all RS models
20	25-64079-000	front sprocket, 14t	1	all RR models
20	36-25088-000	front sprocket, 13t	opt	
22	36-25287-000	sprocket bolt and spring washer	1	
25	36-25049-000	oring	1	
30	36-25039-000	bearing, 6203	1	
31	36-25086-000	special bearing	1	
32	36-25047-000	countershaft oil seal, 32x45x7	1	



**08-09 Beta RR/RS Models**

Pos	Part Number	Description	Qty	Notes
1	36-25307-000	shift shaft	1	
2	36-25068-000	shifter bolt, 6x16	1	
3	13-46492-000	washer, thick	1	
4	36-25044-000	shifter seal, 14x24x6	1	
5	36-25120-000	needle bearing	2	
6	36-25298-000	shift fork, 2nd/4th gear	1	
7	36-25300-000	shift shaft assembly	1	includes item 12 and 17
8	36-25299-000	shift fork, 1st/3rd gear	1	
9	36-25128-000	shim	1	
10	36-25125-000	return spring	1	
12	36-25138-000	tensioner spring	1	
13	36-25305-000	shift rail	1	
14	36-25188-000	pressure spring	4	
15	11-29035-000	shift bushing	3	
16	36-25487-000	shift locating drum	1	
17	36-25124-000	sliding plate	1	
18	36-25074-000	screw, 6x30	1	
19	36-25042-000	bearing	2	
20	36-25488-000	detent lever	1	
21	36-25006-000	bolt, 5x20	1	
22	36-25129-000	sleeve	1	
23	36-25306-000	detent spring	1	
24	36-25304-000	shift rail	1	
25	36-25297-000	shift fork, 5th/6th gear	1	
26	36-25301-000	shift drum	1	
27	36-25126-000	spring guide	1	
28	36-25018-000	washer	1	
29	27-39001-000	star washer	2	
30	36-25077-000	flat head screw	1	
31	36-25015-000	washer	1	