

# Parts diagrams



**2008-2009  
RR/RS Models**

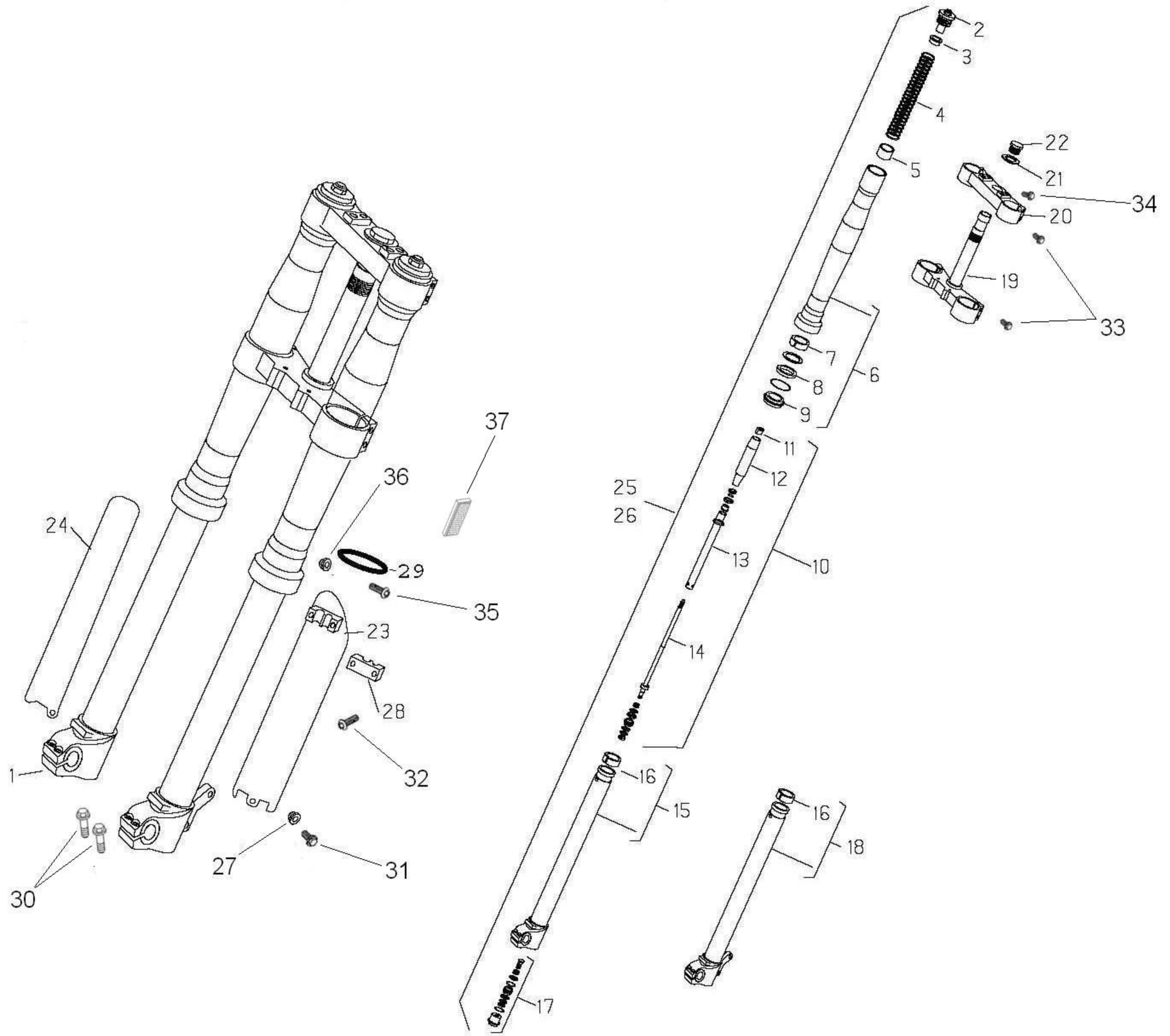


**Beta**  
*motorcycles*

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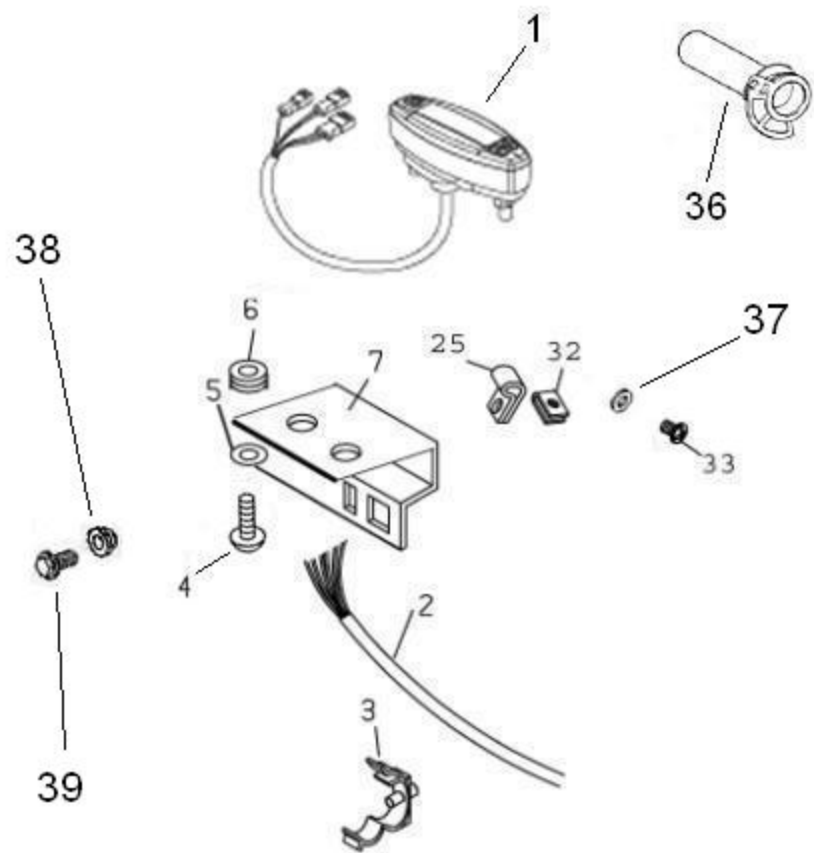




| Pos | Part Number  | Description             | RR/RS | Notes            |
|-----|--------------|-------------------------|-------|------------------|
| 1   | 15-08055-000 | front fork assembly     | 1     | 2008 model       |
| 1   | 15-08063-000 | front fork assembly     | 1     | 2009 model       |
| 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   |

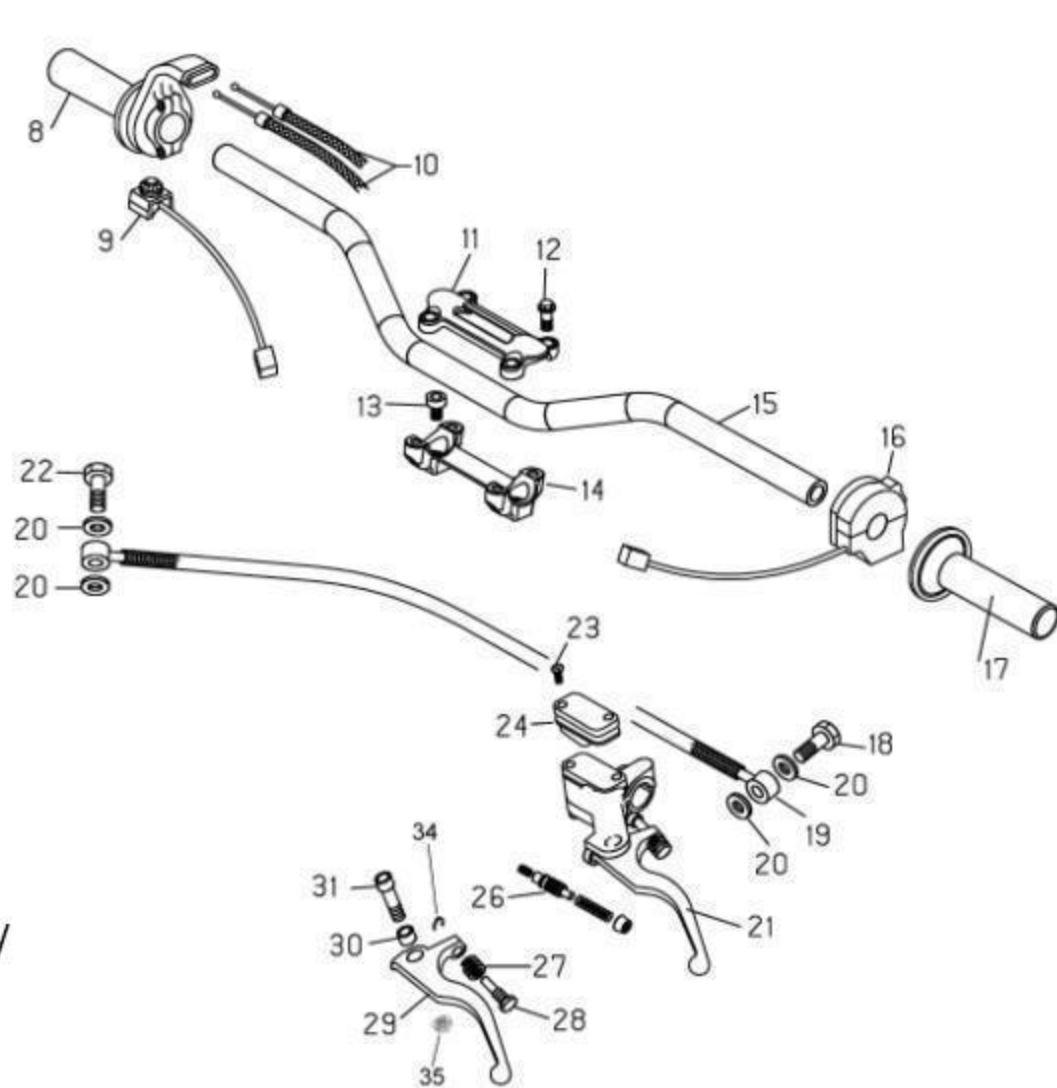




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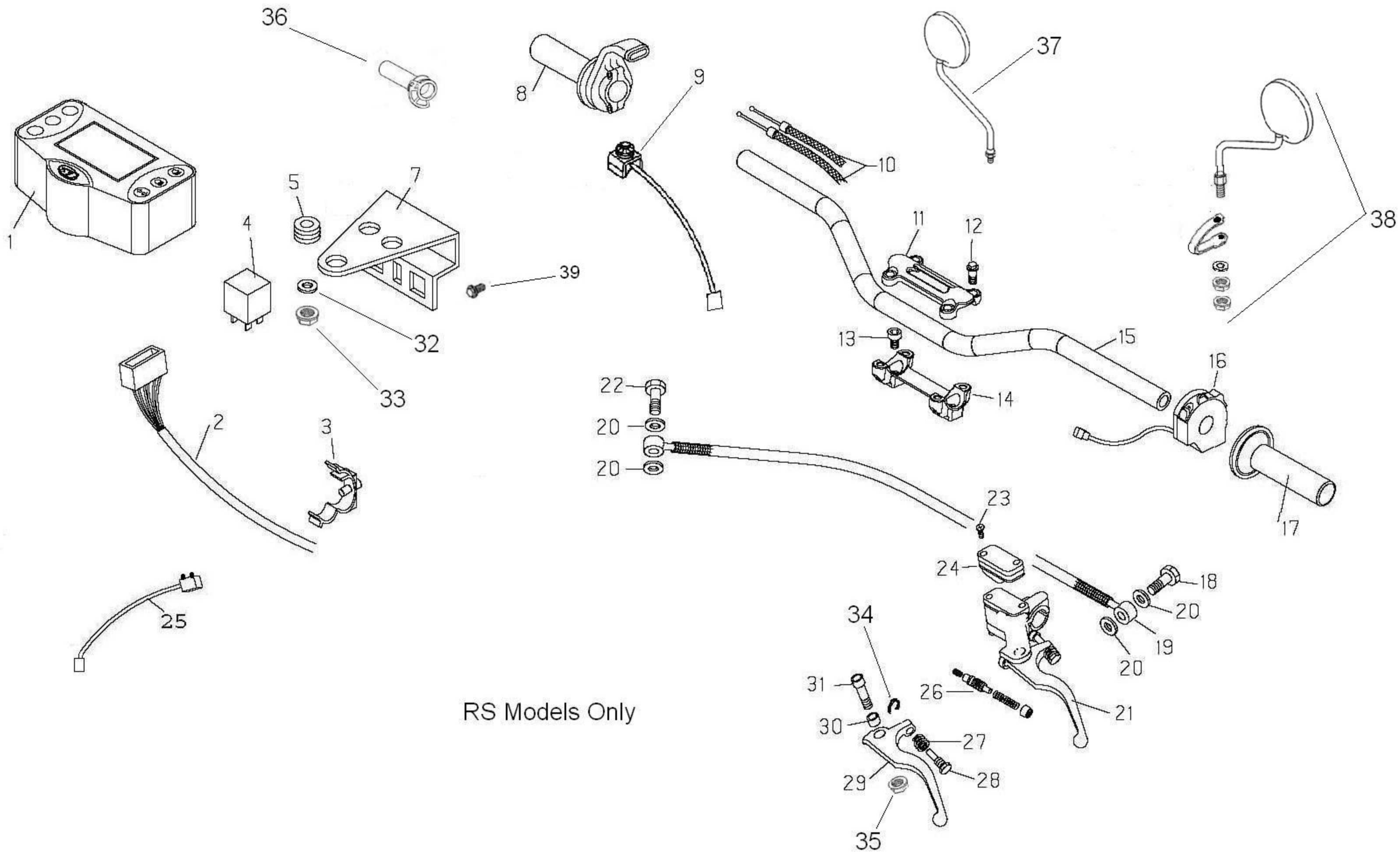
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RR Models Only



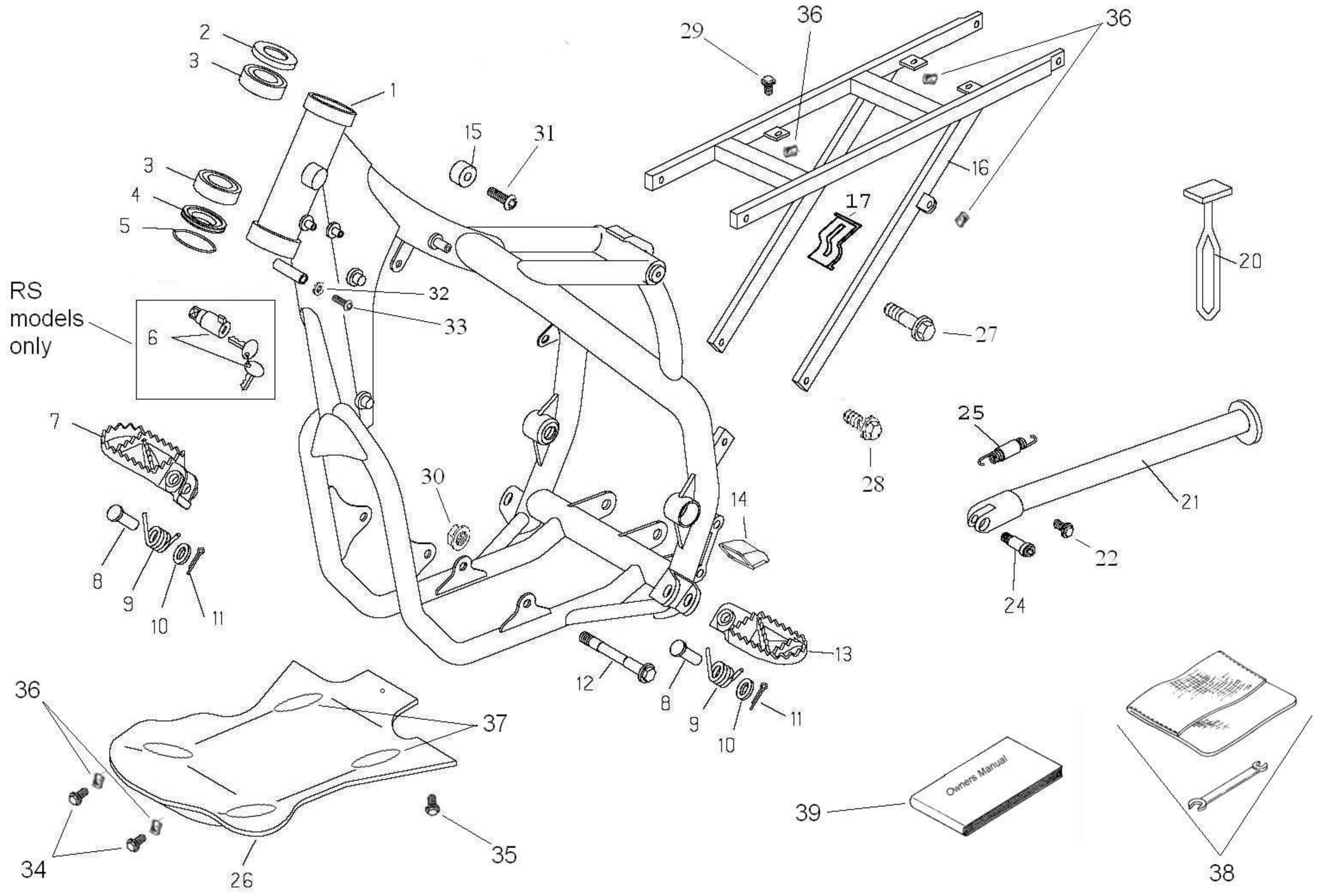


| Pos | Part Number  | Description                       | RR ONLY | Notes           |
|-----|--------------|-----------------------------------|---------|-----------------|
| 1   | 12-09377-000 | speedometer                       | 1       |                 |
| 2   | 18-01638-000 | main wire harness                 | 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       |                 |

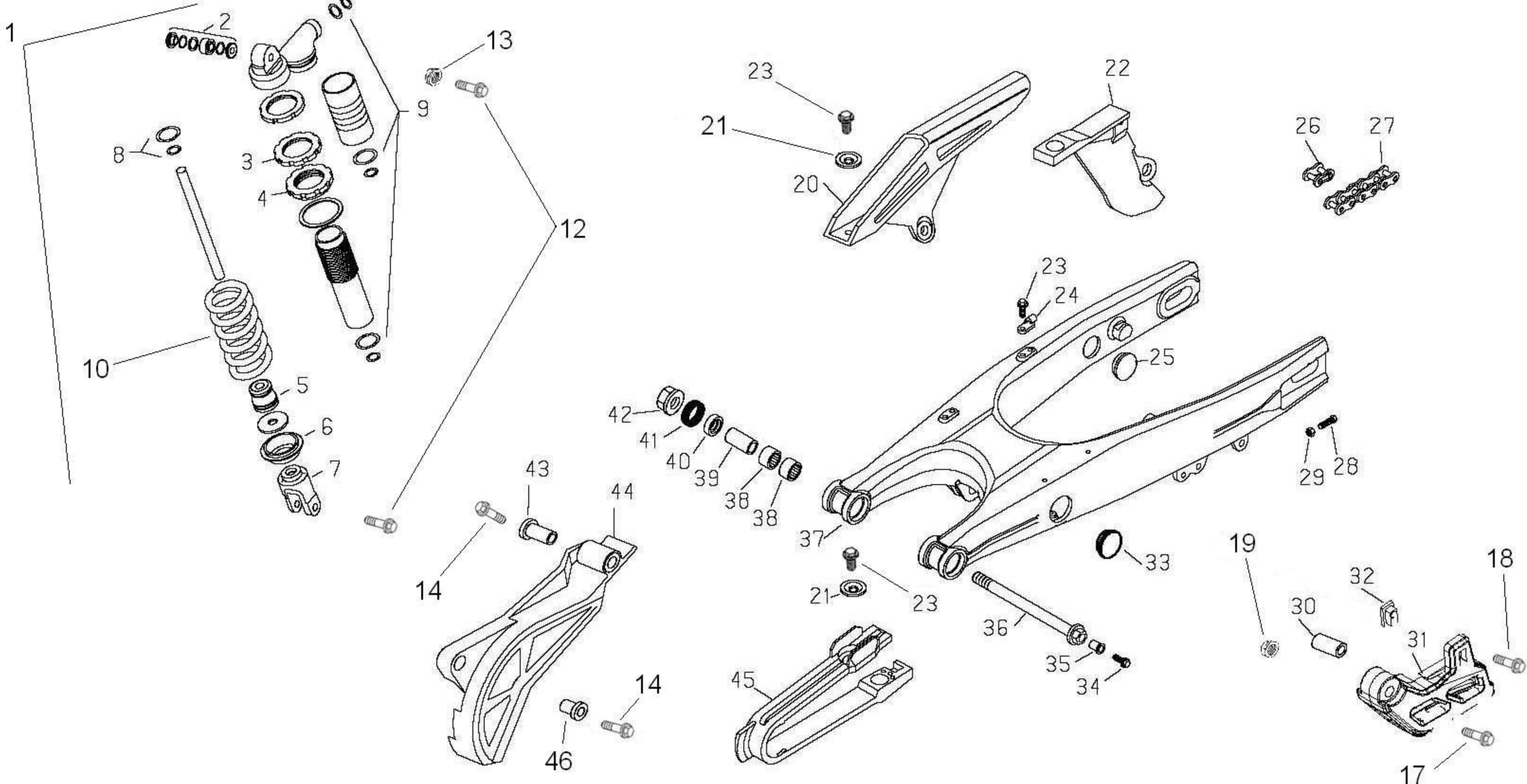


RS Models Only

| 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                |

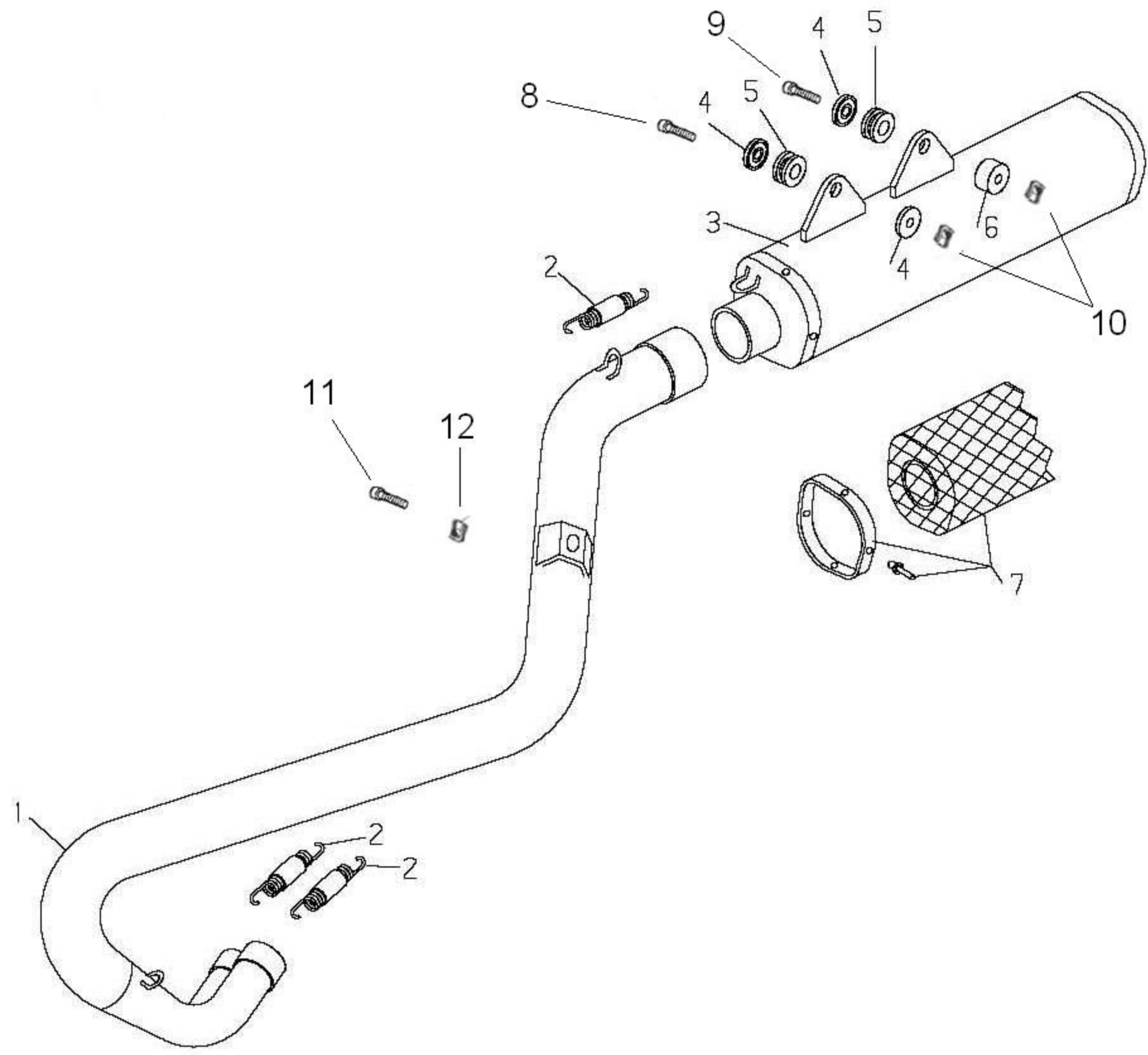


| Pos | Part Number  | Description               | RR/RS | Notes         |
|-----|--------------|---------------------------|-------|---------------|
| 1   | 10-03782-000 | shock assembly            | 1     |               |
| 2   | 13-86078-800 | upper bushing kit         | 1     |               |
| 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     |               |

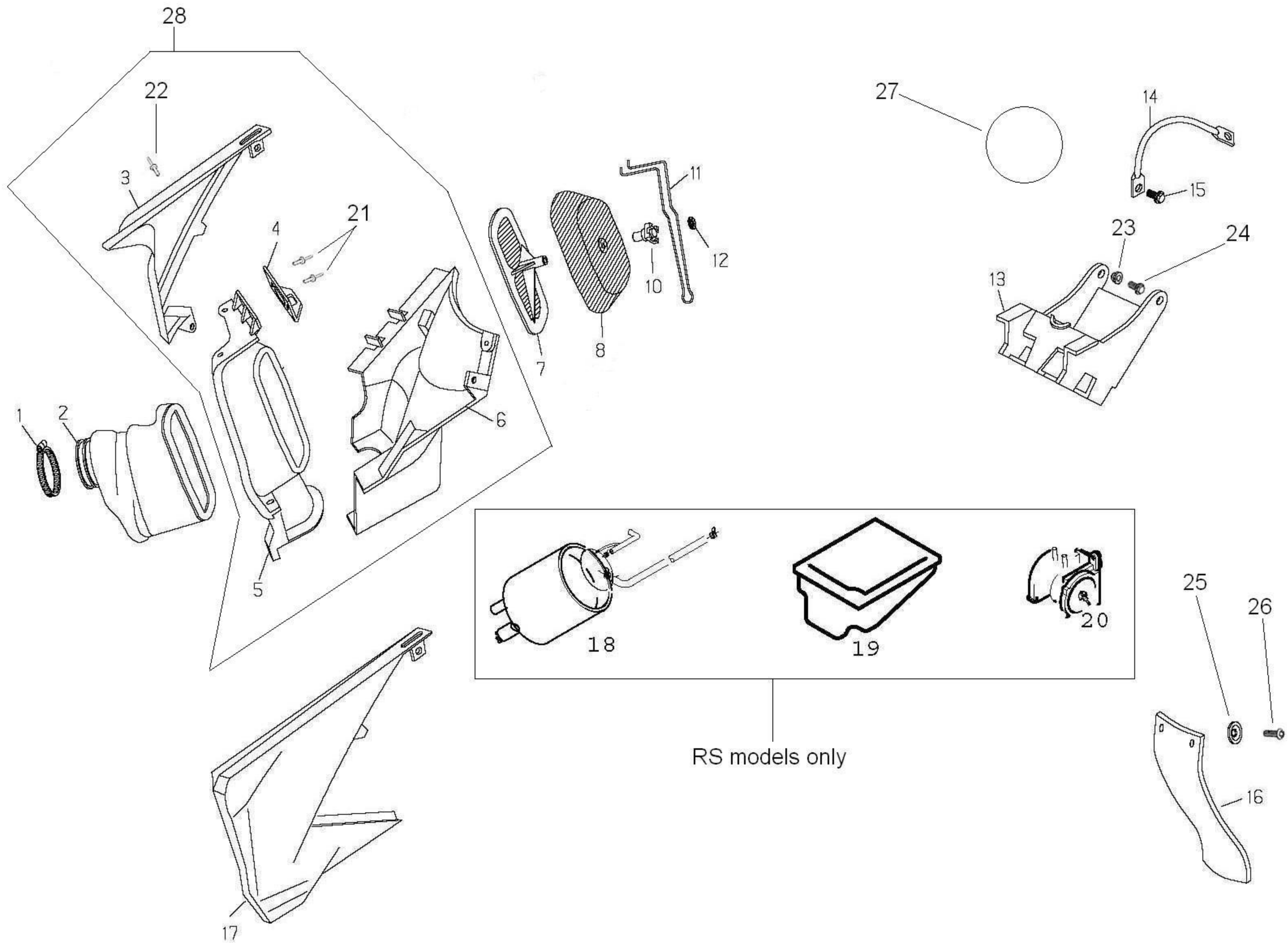
|    |              |                          |   |                           |
|----|--------------|--------------------------|---|---------------------------|
| 31 | 29-10071-000 | lower chain block        | 1 |                           |
| 32 | 13-48868-000 | spacer                   | 1 |                           |
| 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 |                           |





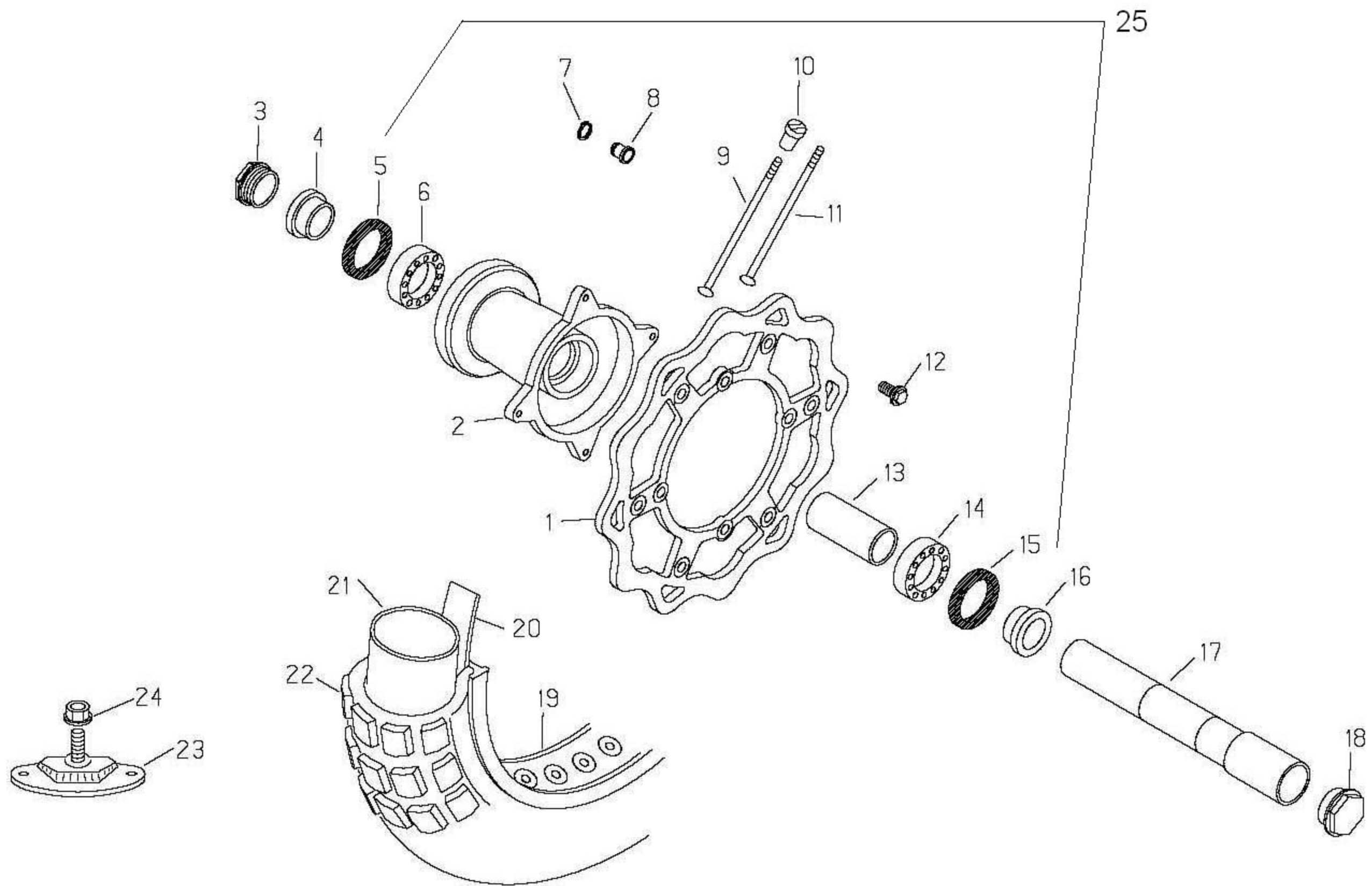


| Pos | Part Number  | Description                     | RR/RS | Notes |
|-----|--------------|---------------------------------|-------|-------|
| 1   | 29-16233-000 | exhaust header pipe             | 1     |       |
| 2   | 22-48823-000 | exhaust spring                  | 3     |       |
| 3   | 22-04185-000 | 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     |       |

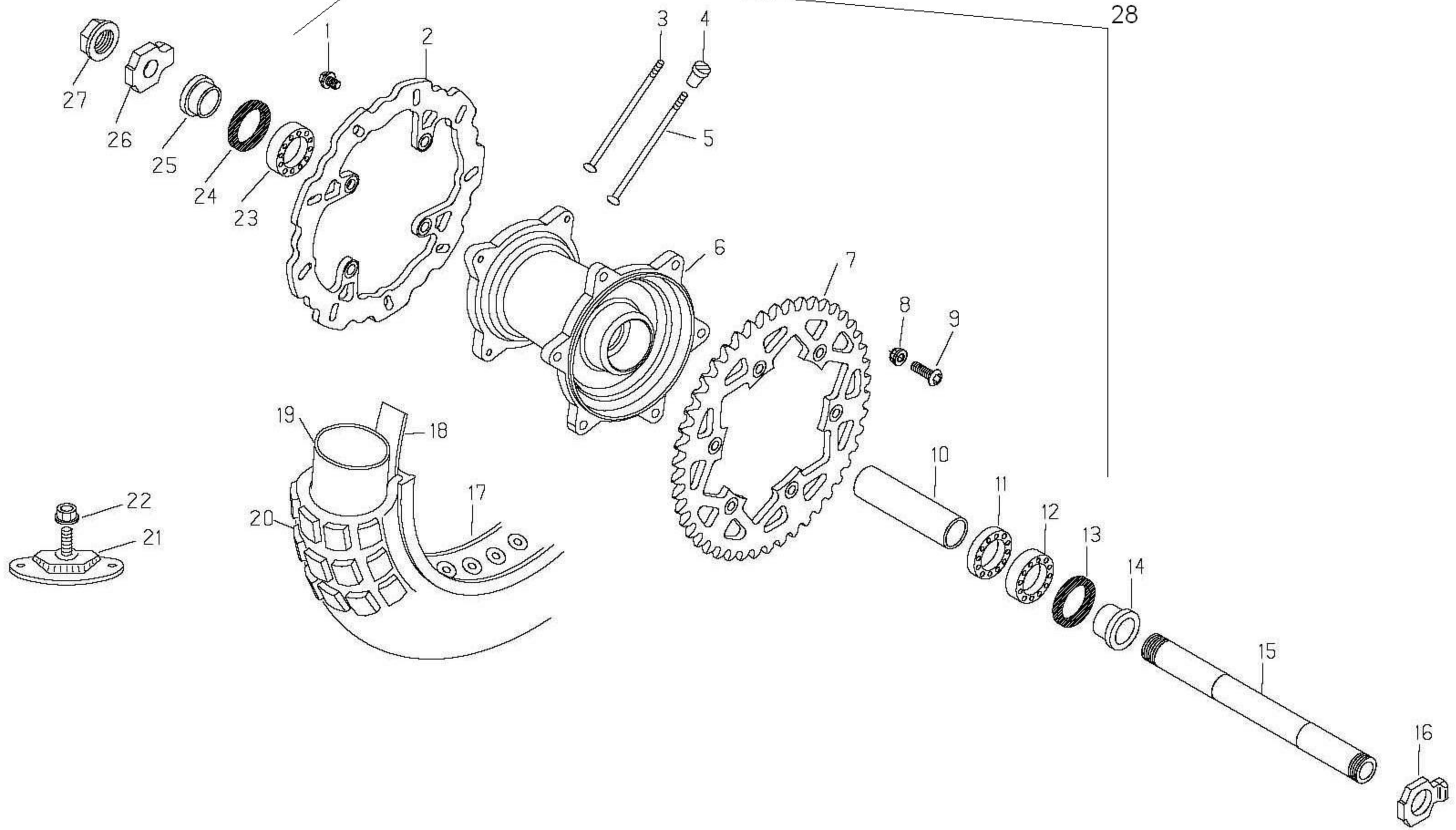


RS models only

| 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) |

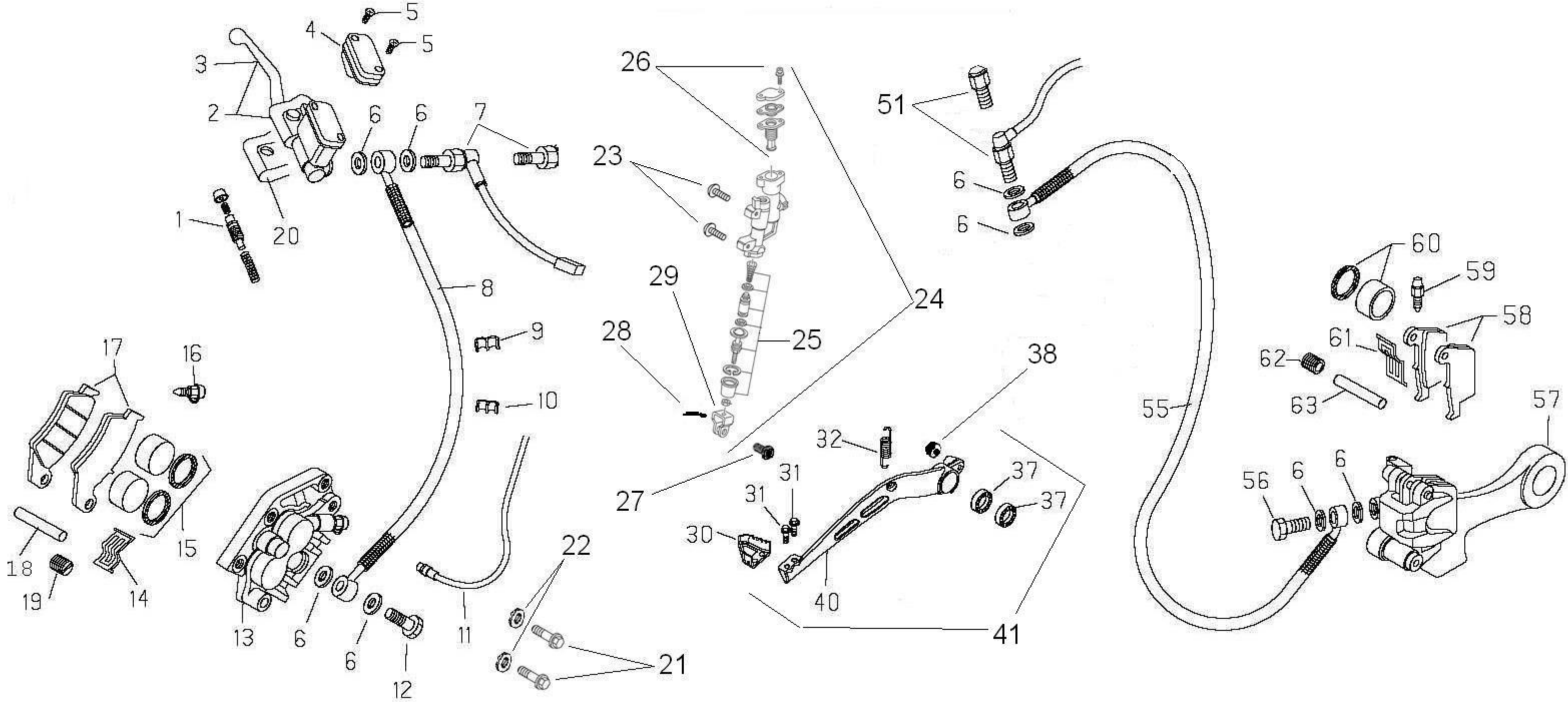


| Pos | Part Number  | Description                              | RR/RS | Notes                                  |
|-----|--------------|--|-------|--|
| 1   | 13-39578-000 | front brake rotor                        | 1     | does not include items 7 & 8           |
| 2   | 22-07249-000 | front hub                                | 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 |





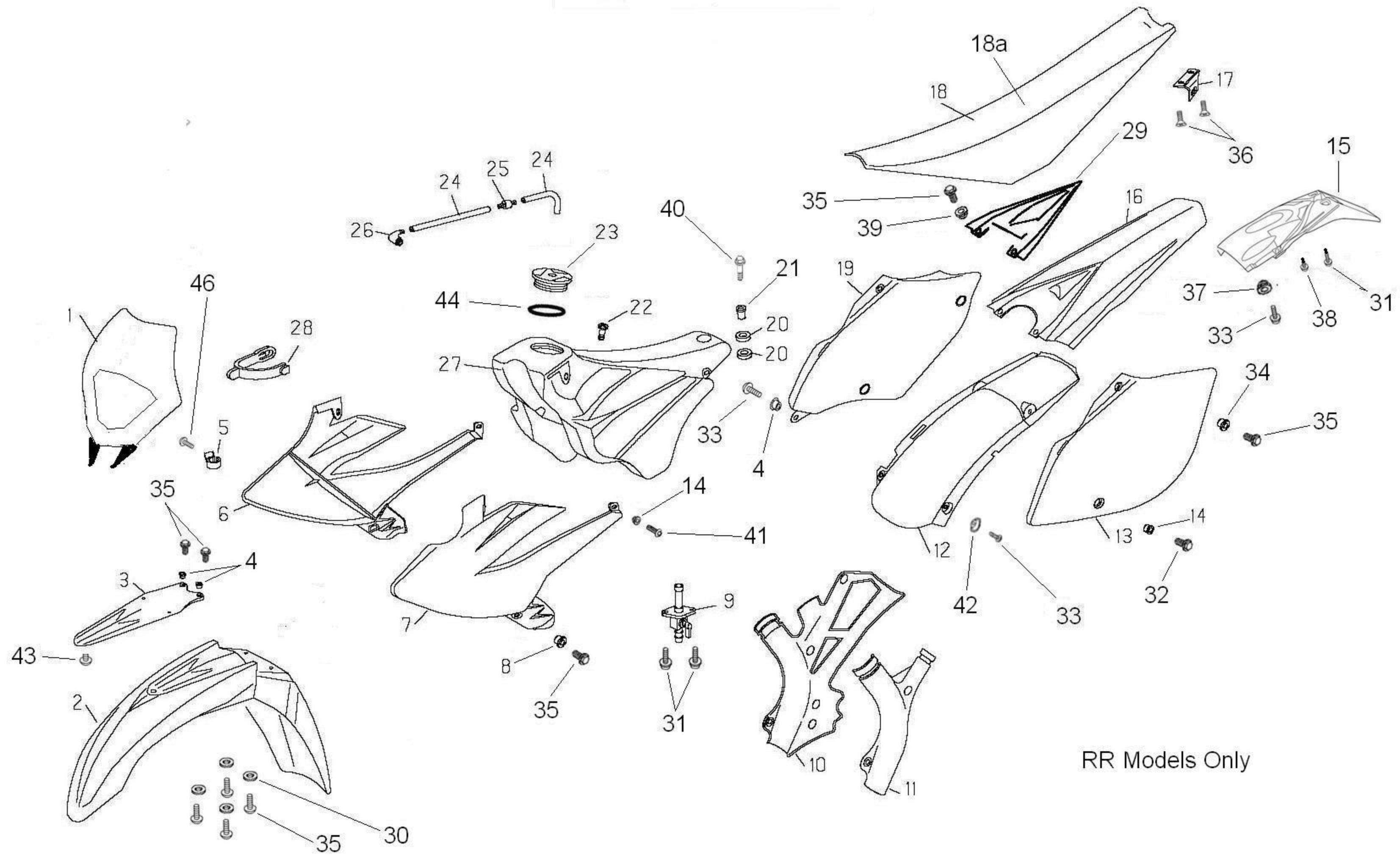
| Pos | Part Number  | Description                              | RR/RS | Notes  |
|-----|--------------|--|-------|--|
| 1   | 11-52520-000 | rotor bolt, 8x14                         | 4     |  |
| 2   | 13-39574-000 | rear brake rotor                         | 1     |  |
| 3   | 27-25053-000 | rear 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 |                               |





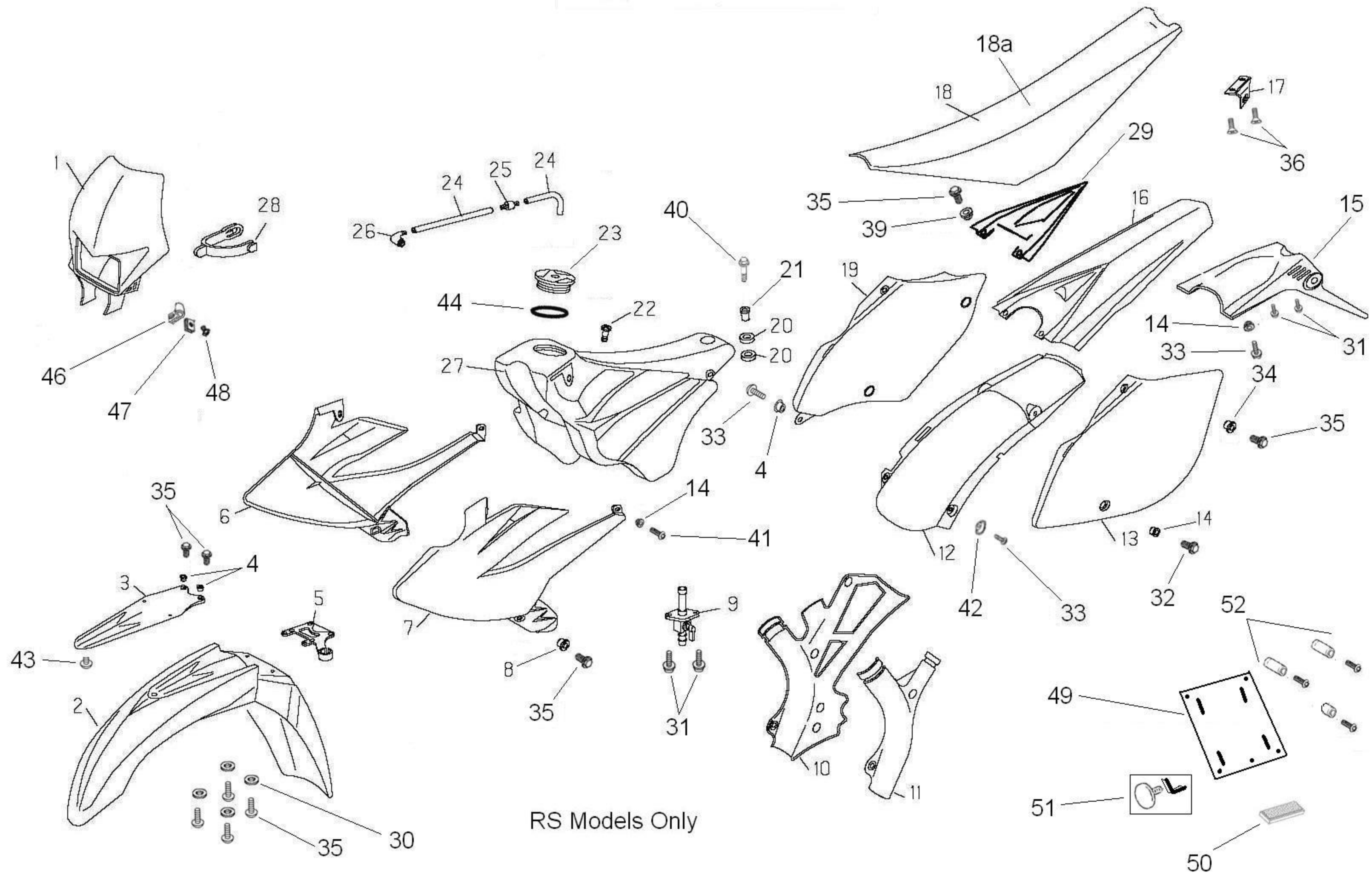
RR Models Only

| 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  |               |





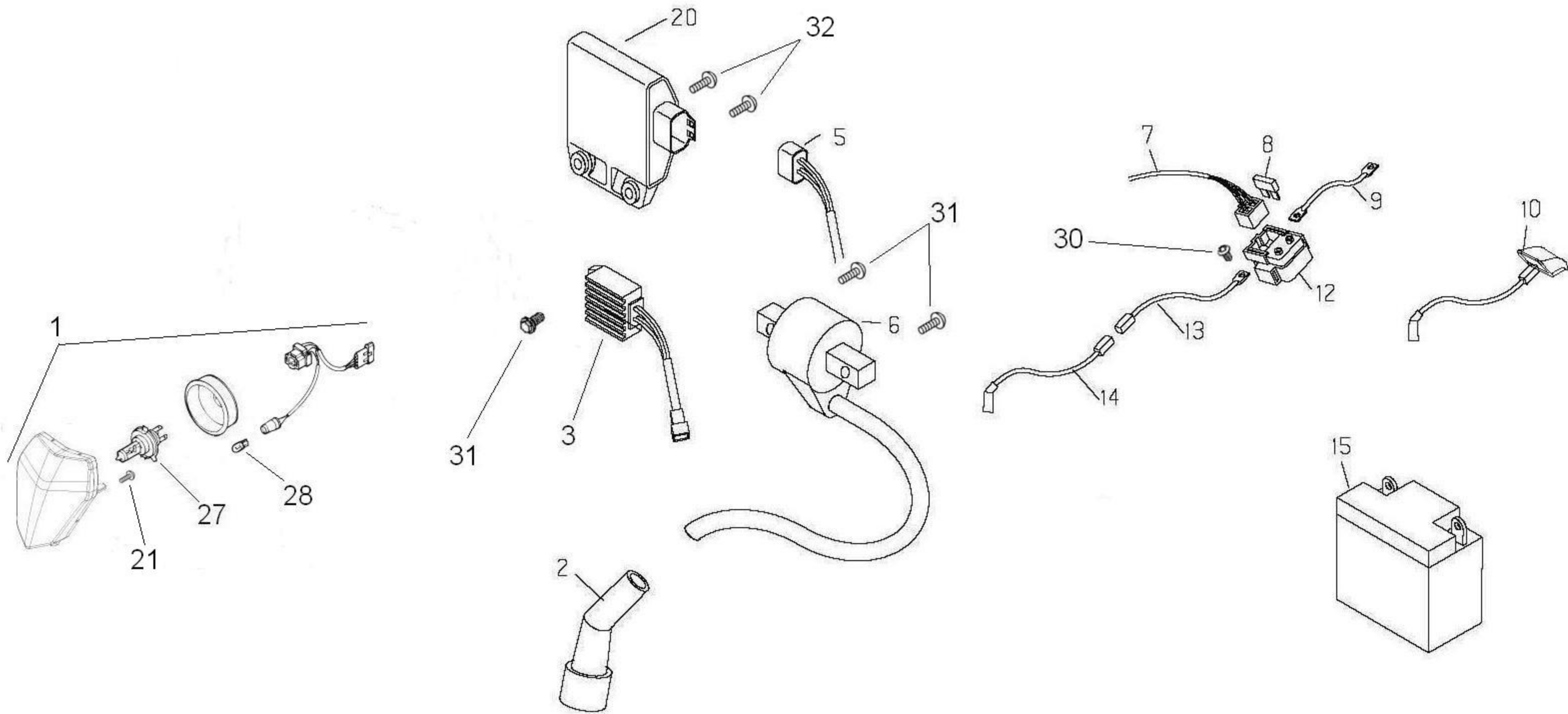


RS Models Only

| 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  |                          |

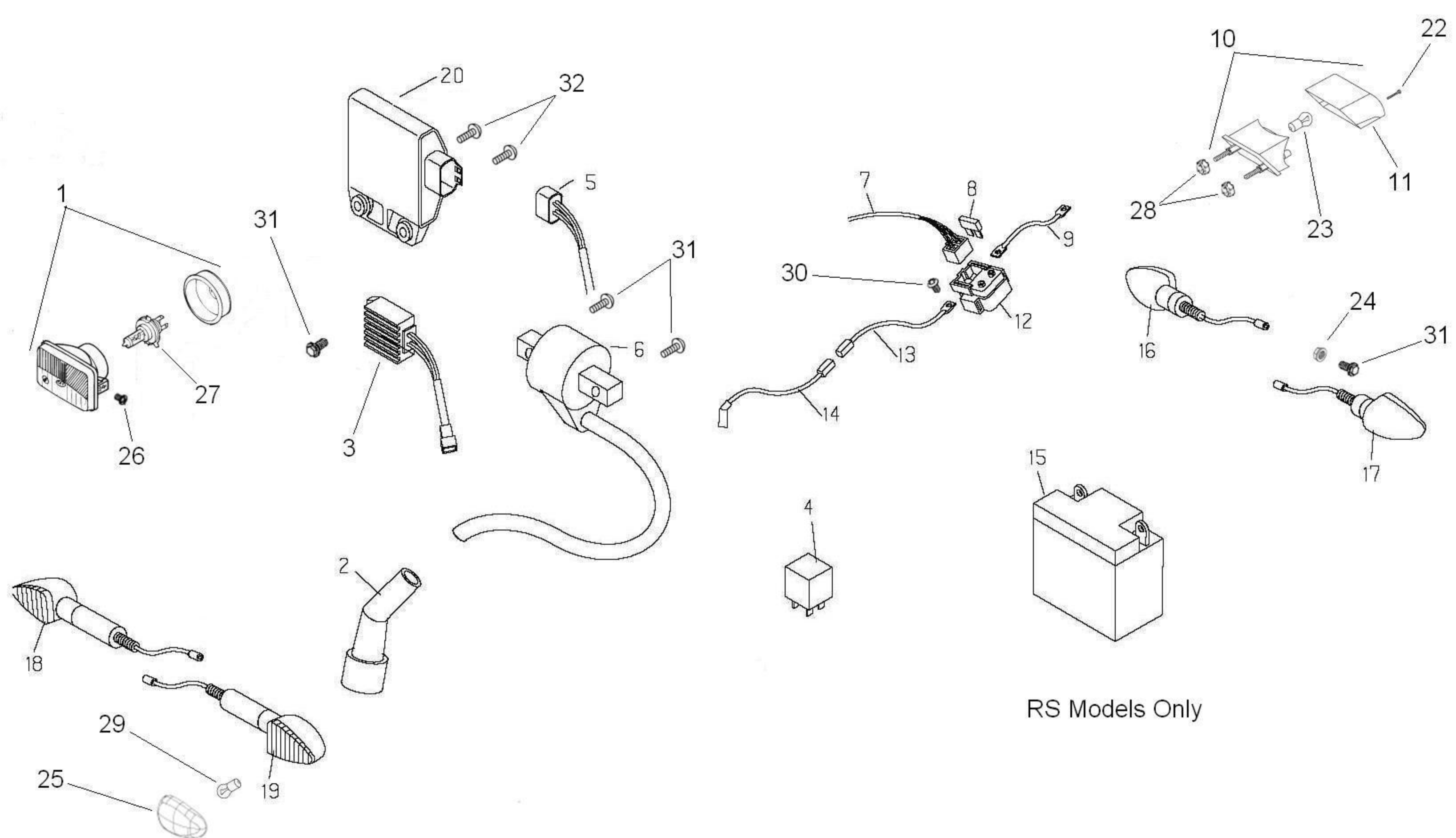
|    |                |                           |    |                                |
|----|----------------|---------------------------|----|--------------------------------|
| 23 | 29-10501-000   | fuel cap                  | 1  | 2008 model                     |
| 23 | 29-10500-159   | fuel cap                  | 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

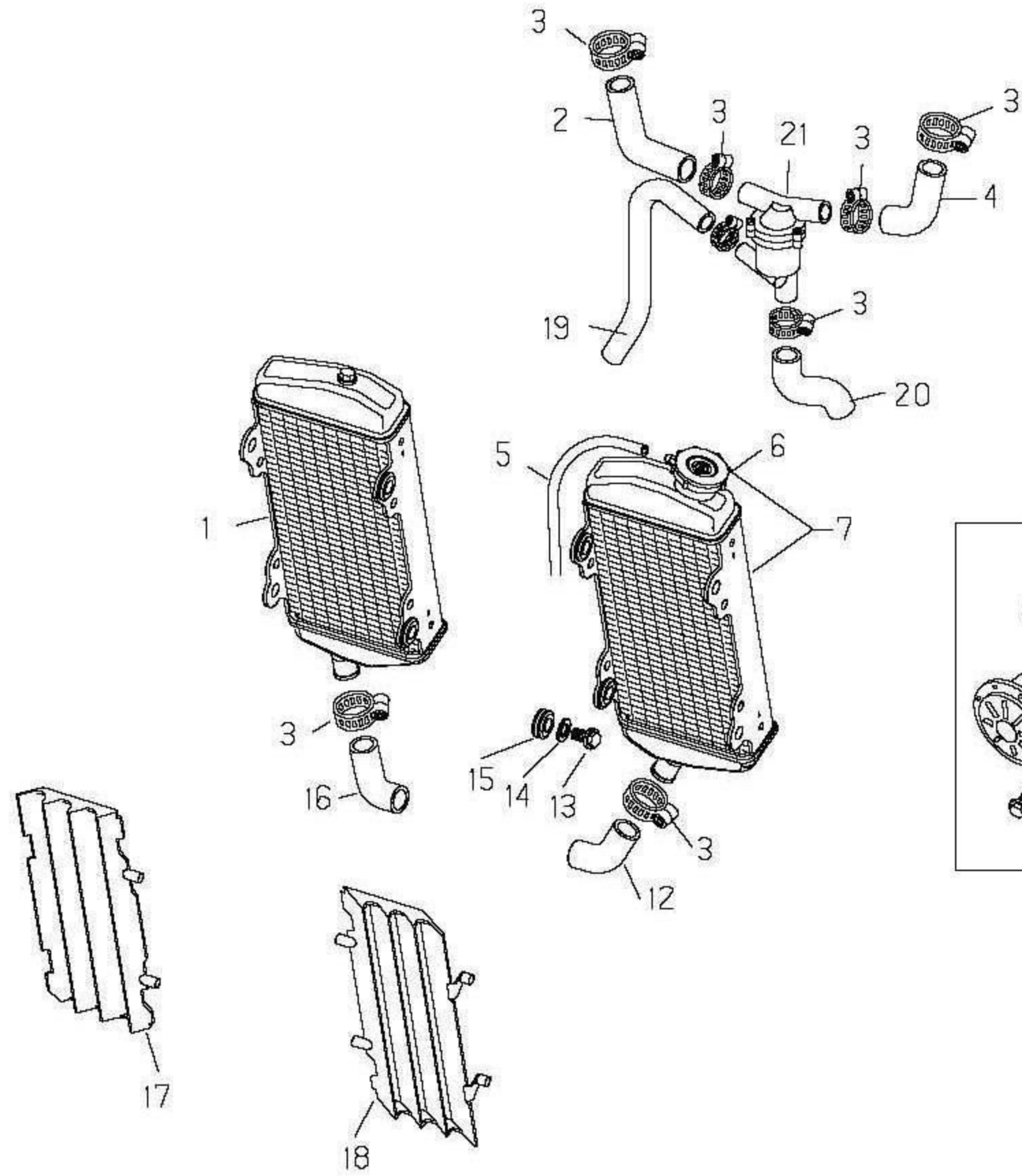
| Pos | Part Number  | Description            | RR ONLY | Notes                         |
|-----|--------------|------------------------|---------|-------------------------------|
| 1   | 16-46210-000 | headlamp assembly      | 1       | RR Model, includes loom assy. |
| 2   | 27-13553-000 | spark plug 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       |                               |



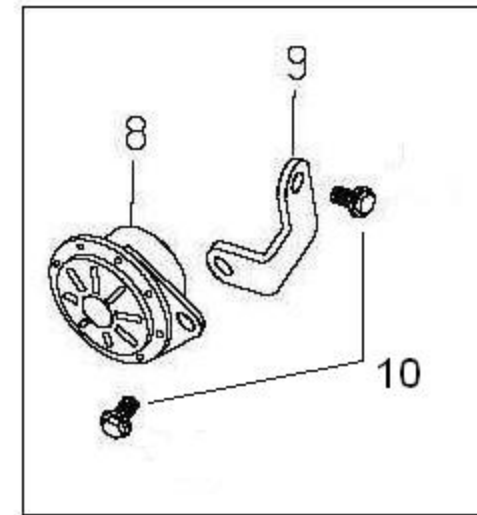
RS Models Only



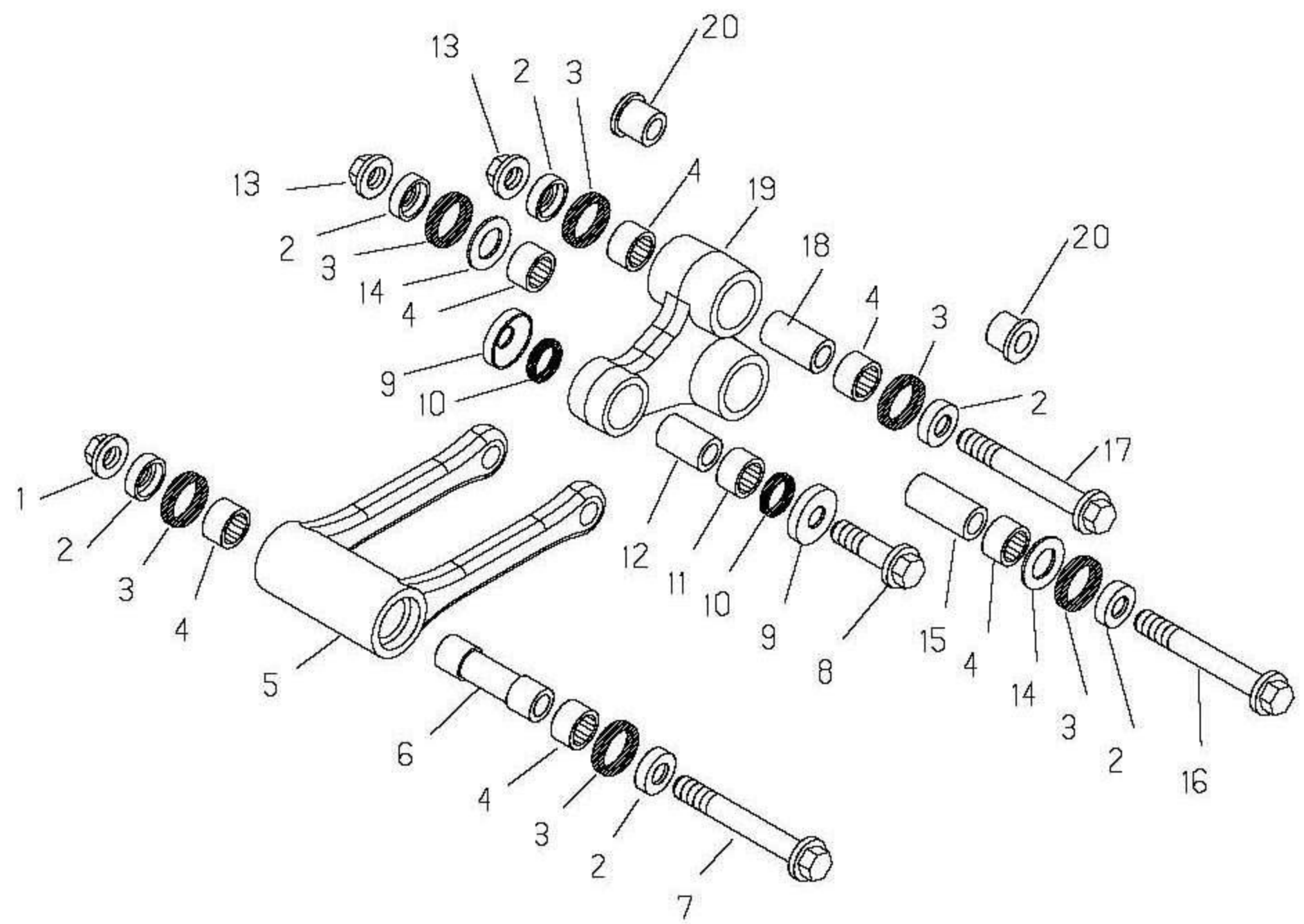
| Pos | Part Number  | Description              | RS | Notes                       |
|-----|--------------|--------------------------|----|-----------------------------|
| 1   | 16-46202-000 | headlamp assembly        | 1  |                             |
| 2   | 27-13553-000 | spark plug cap           | 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

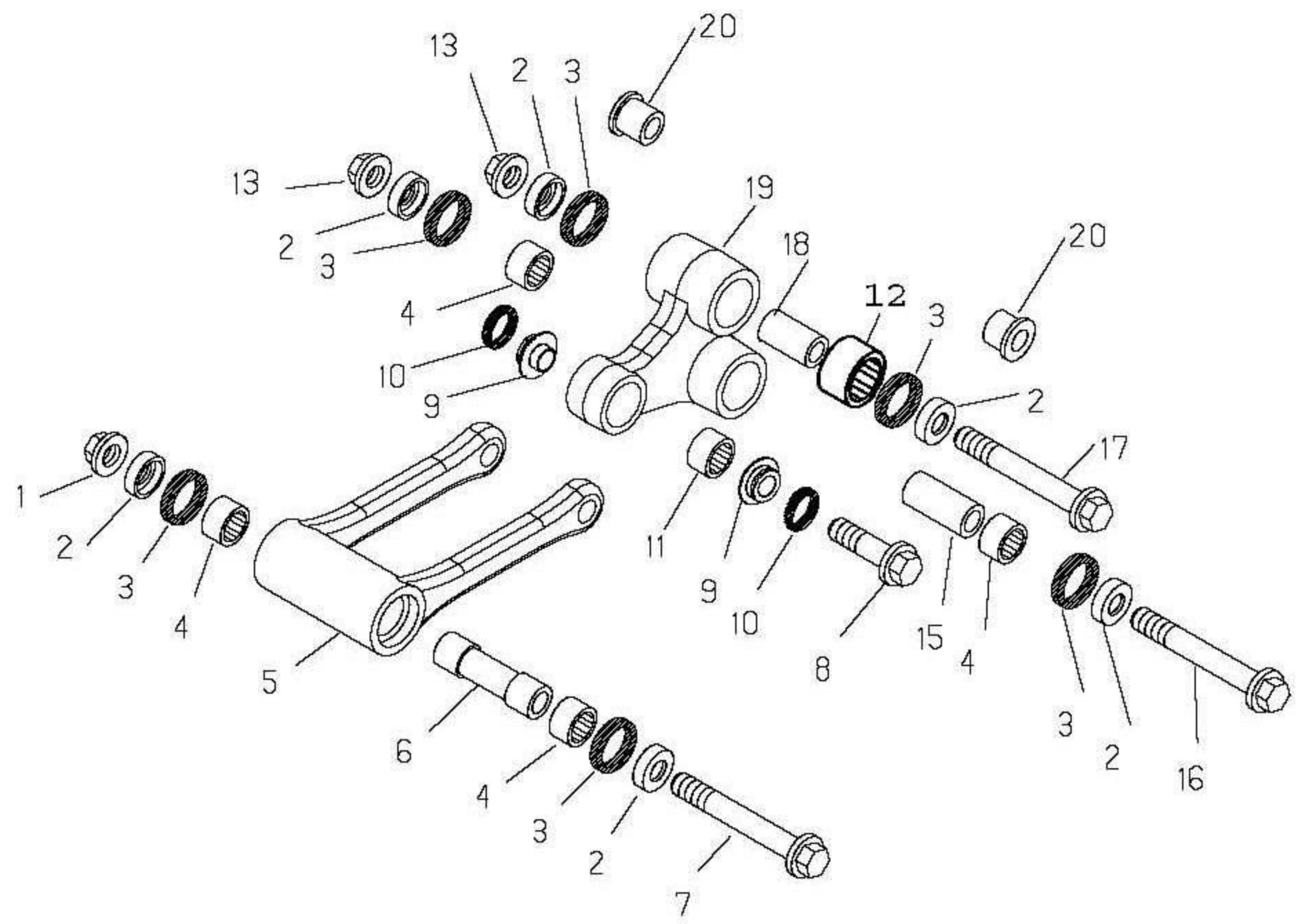


| Pos | Part Number  | Description            | RR/RS | Notes         |
|-----|--------------|------------------------|-------|---------------|
| 1   | 27-23742-000 | radiator, right        | 1     |               |
| 2   | 29-15934-000 | radiator hose          | 1     |               |
| 3   | 15-15240-000 | 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

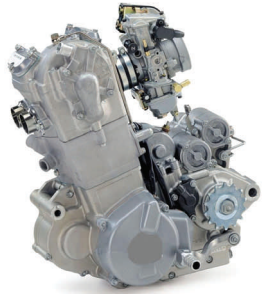
| Pos | Part Number    | Description                    | RR/RS | Notes                                     |
|-----|----------------|--------------------------------|-------|---|
| opt | 13-31482-200   | tank panel graphic set only    | 1     | 2008 RR/RS (all models)                   |
| opt | 016-430320-000 | 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

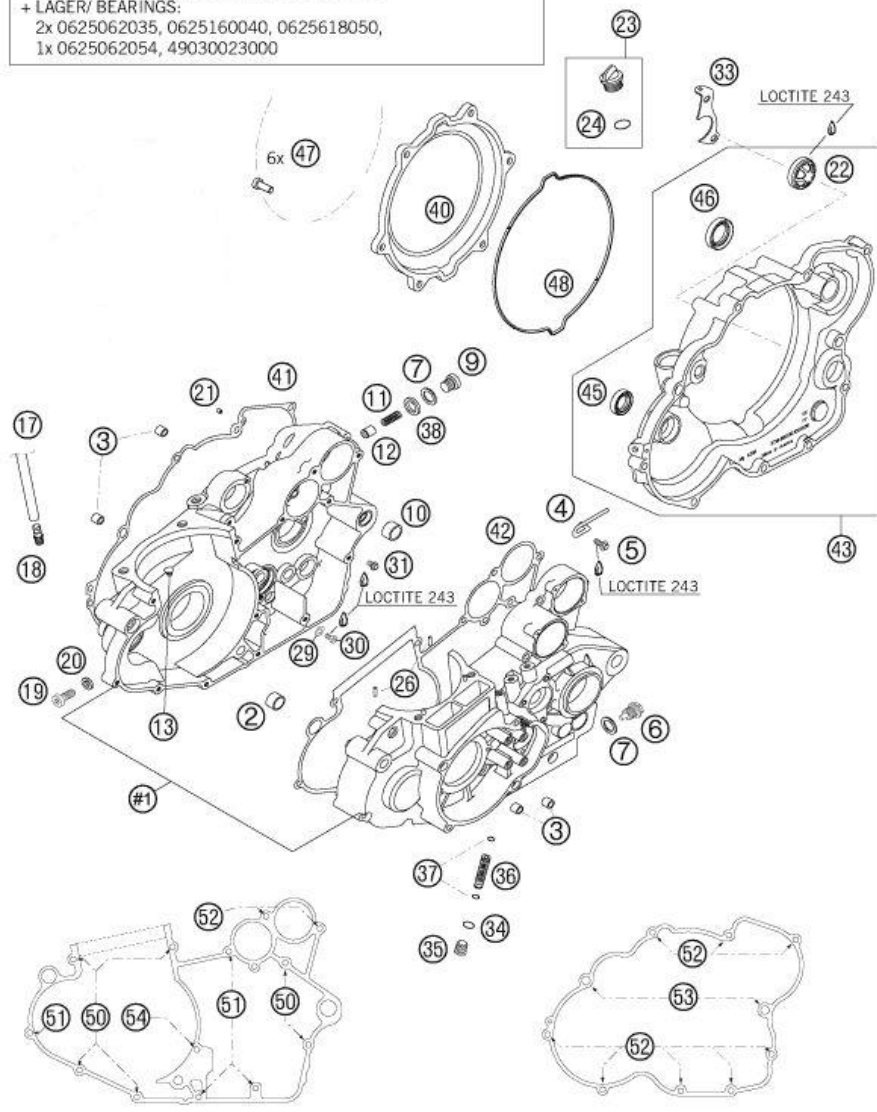
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| Description                   | Page # |
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| counterbalancer               | 3      |
| cylinder                      | 4      |
| cylinder head                 | 5      |
| valves, rocker arms           | 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     |



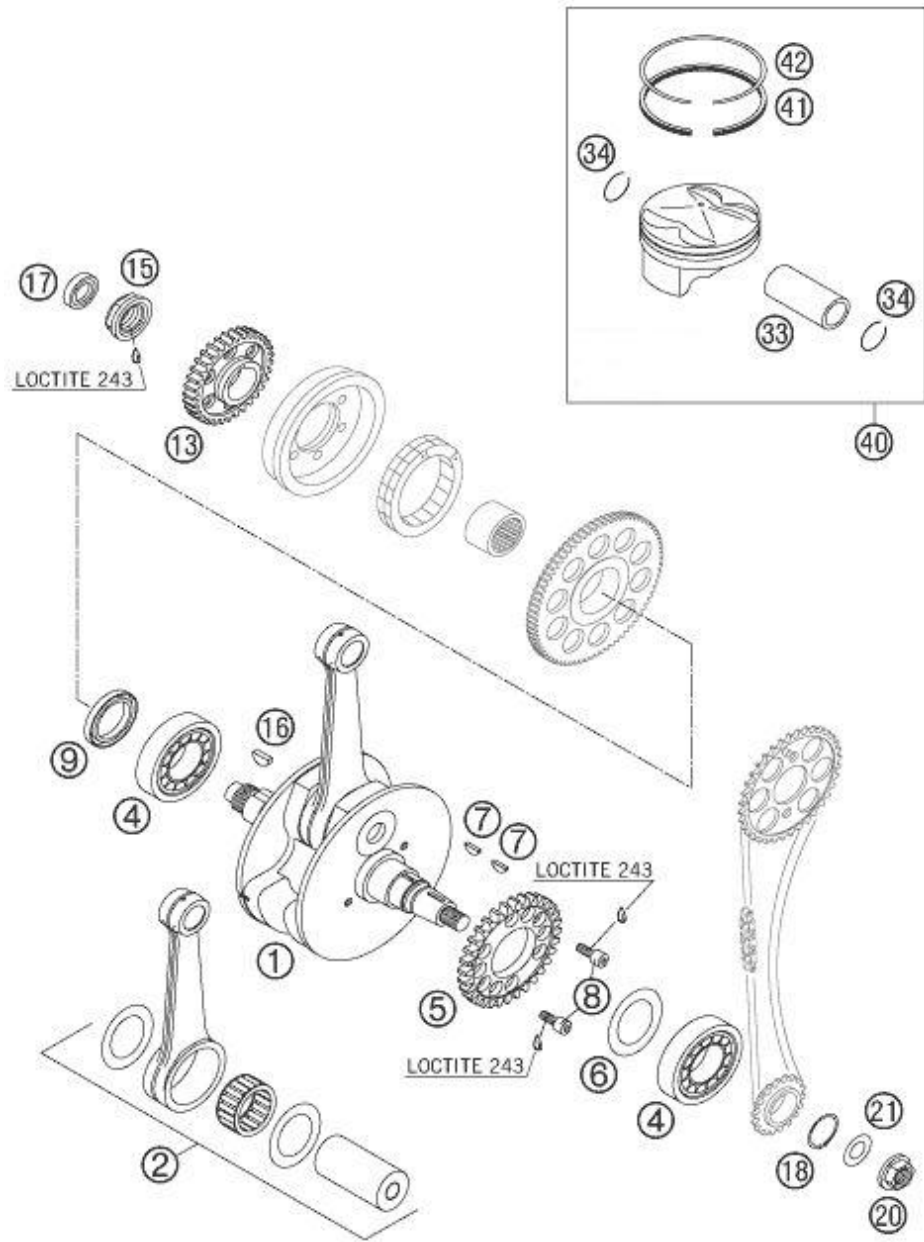
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 2x 54632095000,  
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 0912060123, 0912060404, 0760142460  
 + LAGER/ BEARINGS:  
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 1x 0625062054, 49030023000

Dichtungssatz  
 Gasket-Set



### 08-09 Beta RR/RS Models

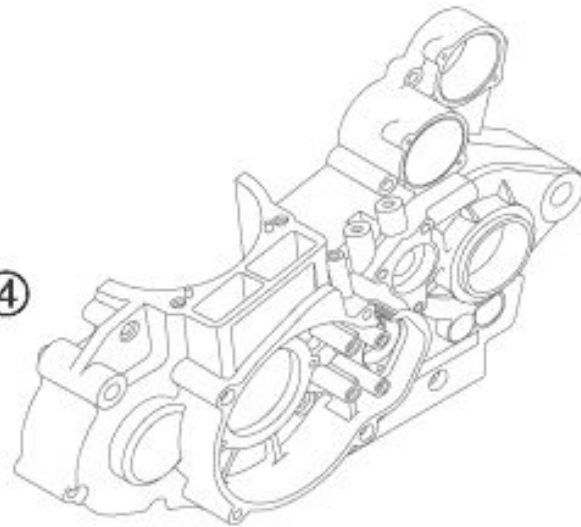
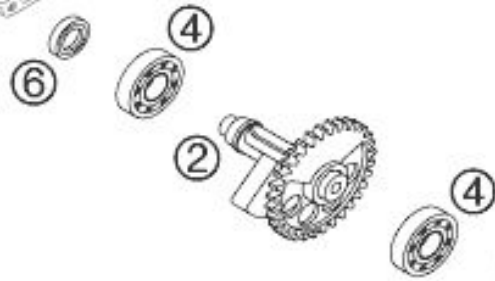
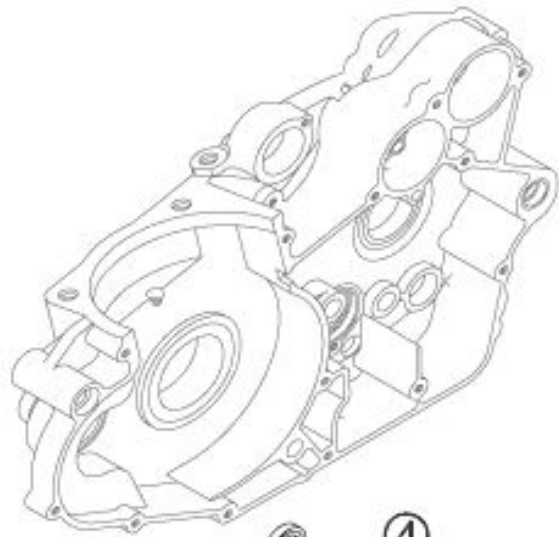
| Pos | Part Number  | Description                    | Qty | Notes                    |
|-----|--------------|--------------------------------|-----|--------------------------|
| 1   | 36-25210-000 | engine case set                | 1   | includes parts as listed |
| 2   | 36-25099-000 | dowel, 17x14x12                | 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   |                          |





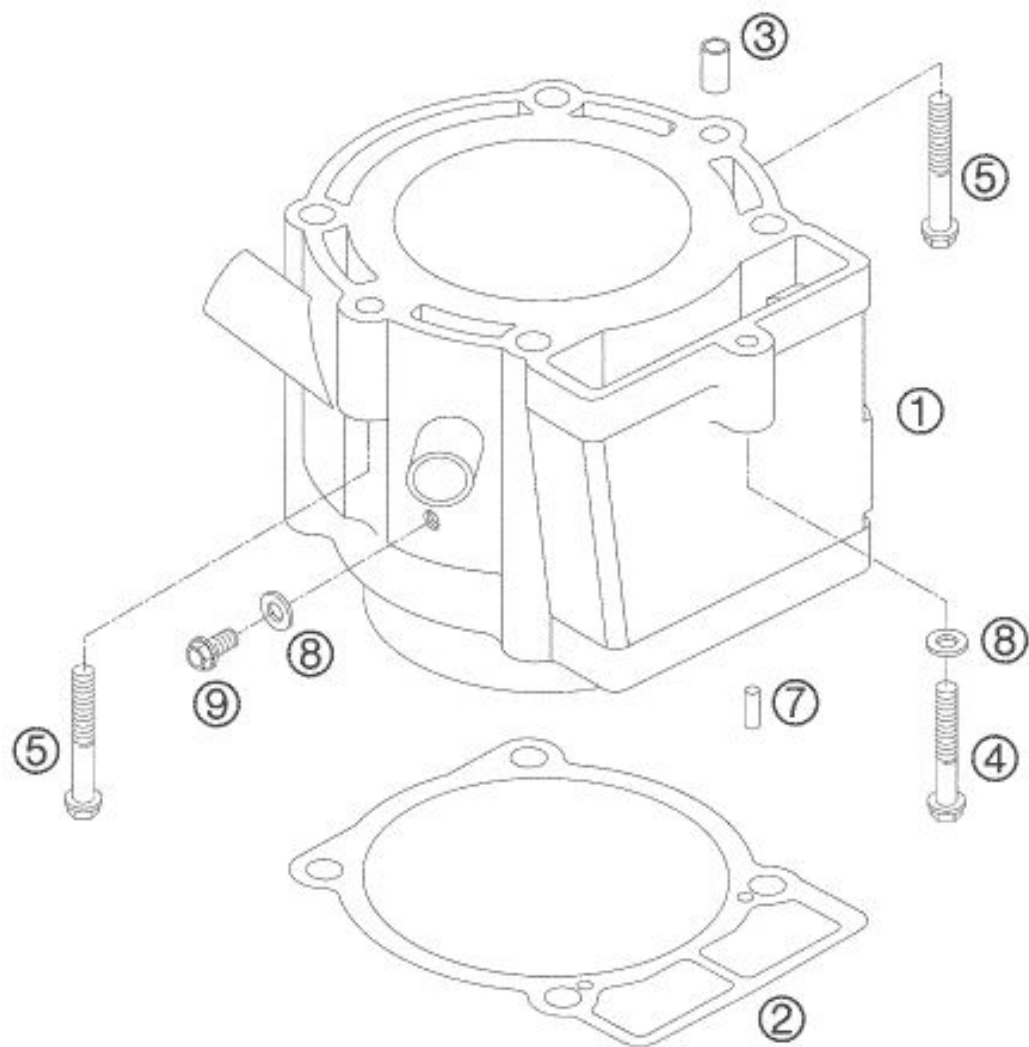
08-09 Beta RR/RS Models

| 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      |



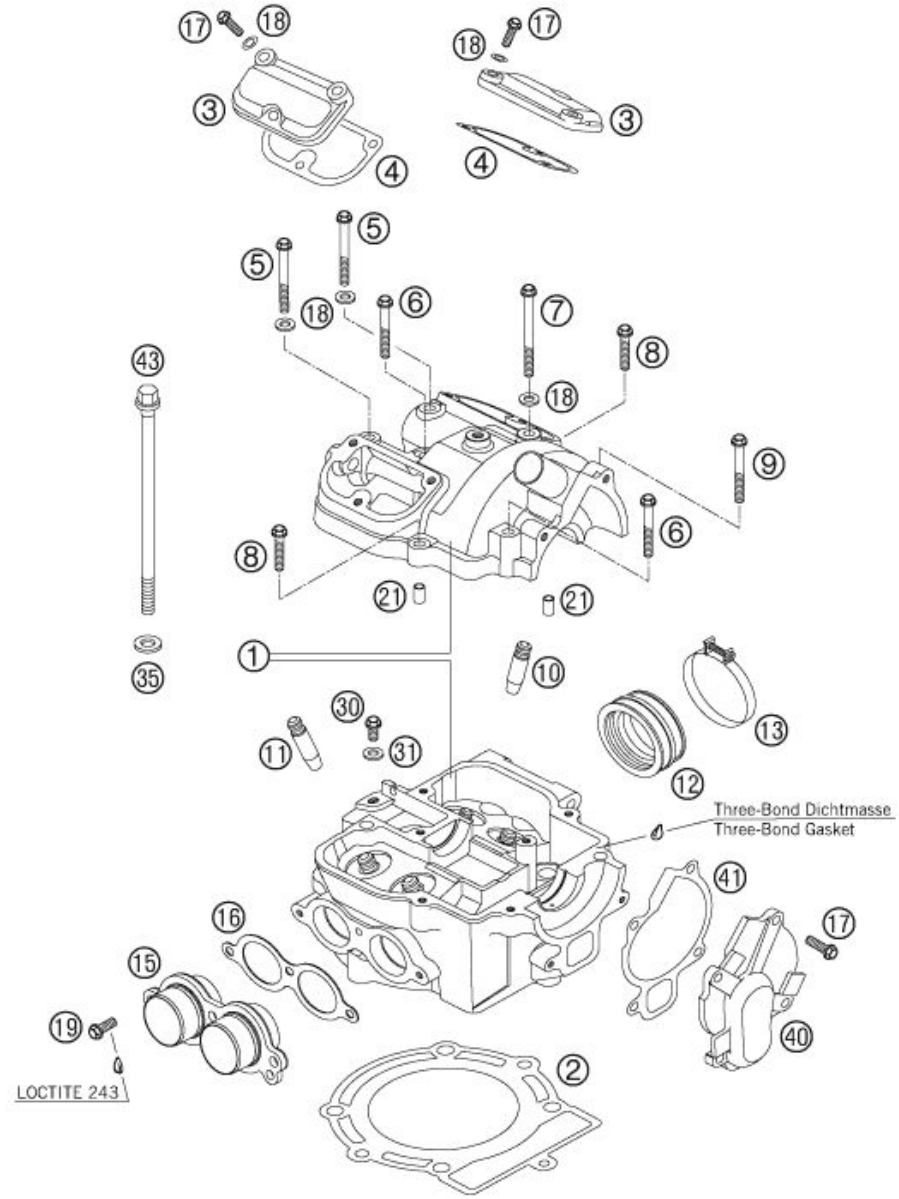
08-09 Beta RR/RS Models

| 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   |       |



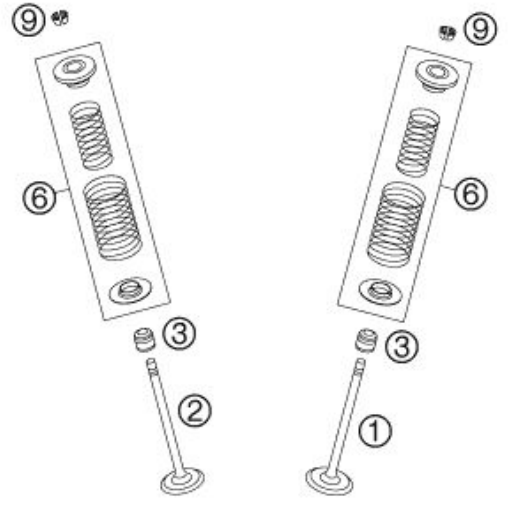
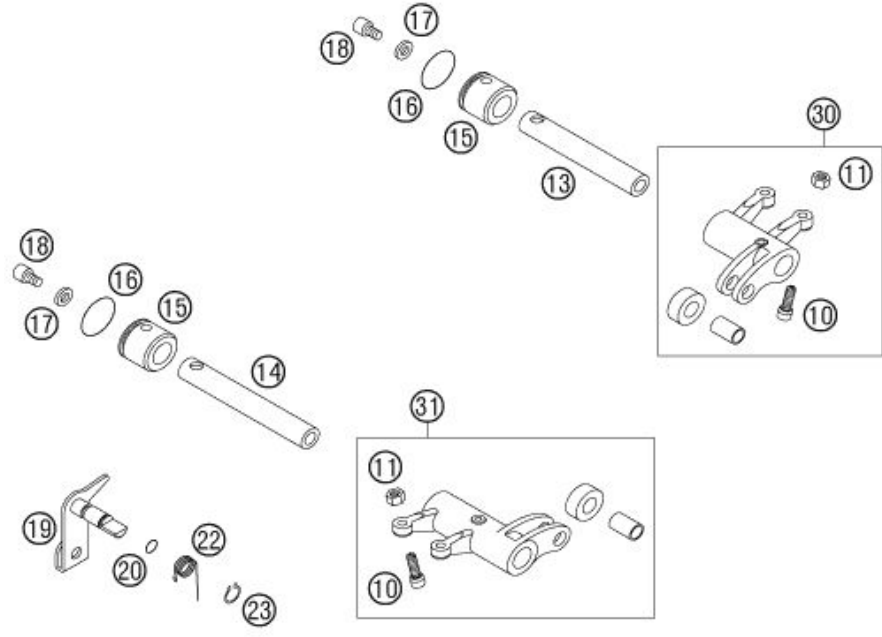
08-09 Beta RR/RS Models

| 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

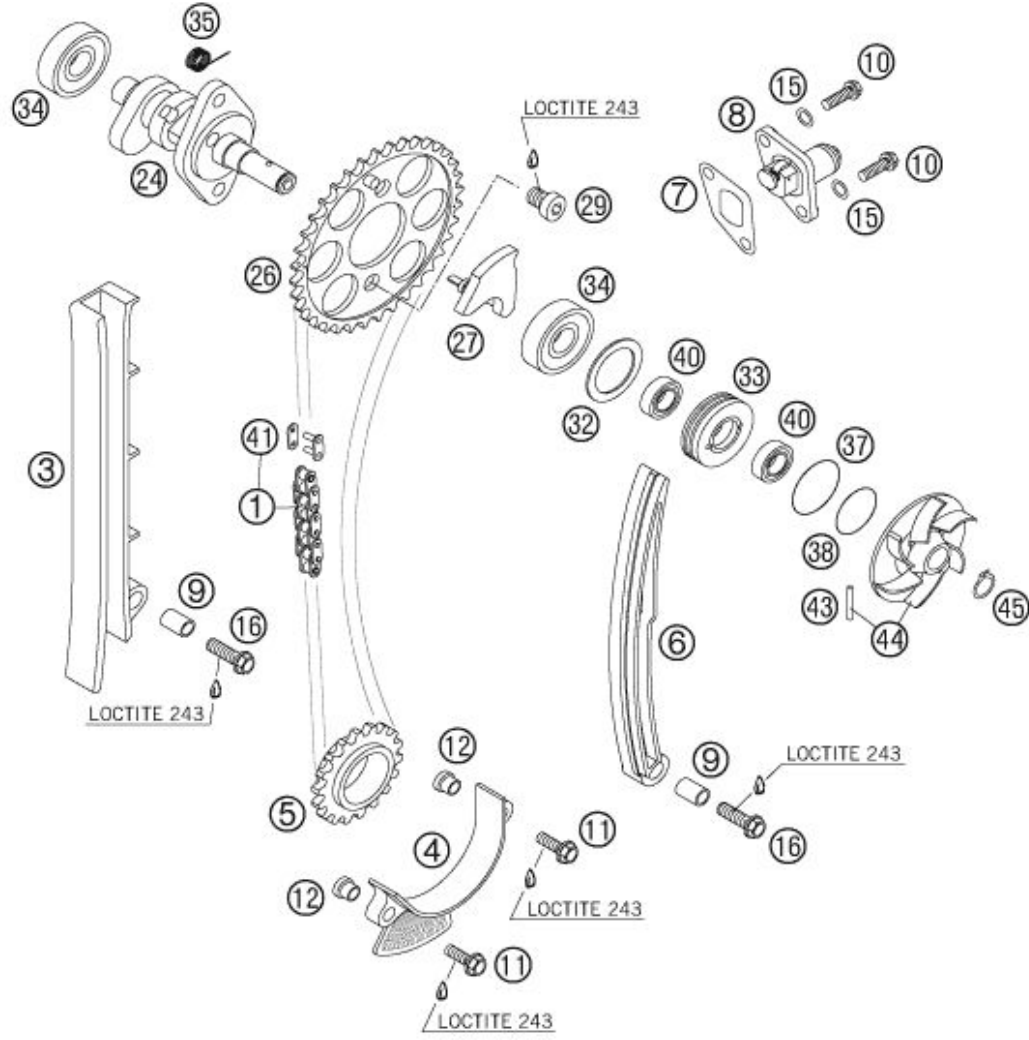
| Pos | Part Number  | Description             | Qty | Notes                |
|-----|--------------|-------------------------|-----|----------------------|
| 1   | 36-25475-999 | cylinder head USA       | 1   | includes vacuum port |
| 2   | 36-25382-000 | head gasket, 89.3mm     | 1   | 400, 450             |
| 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   |                      |





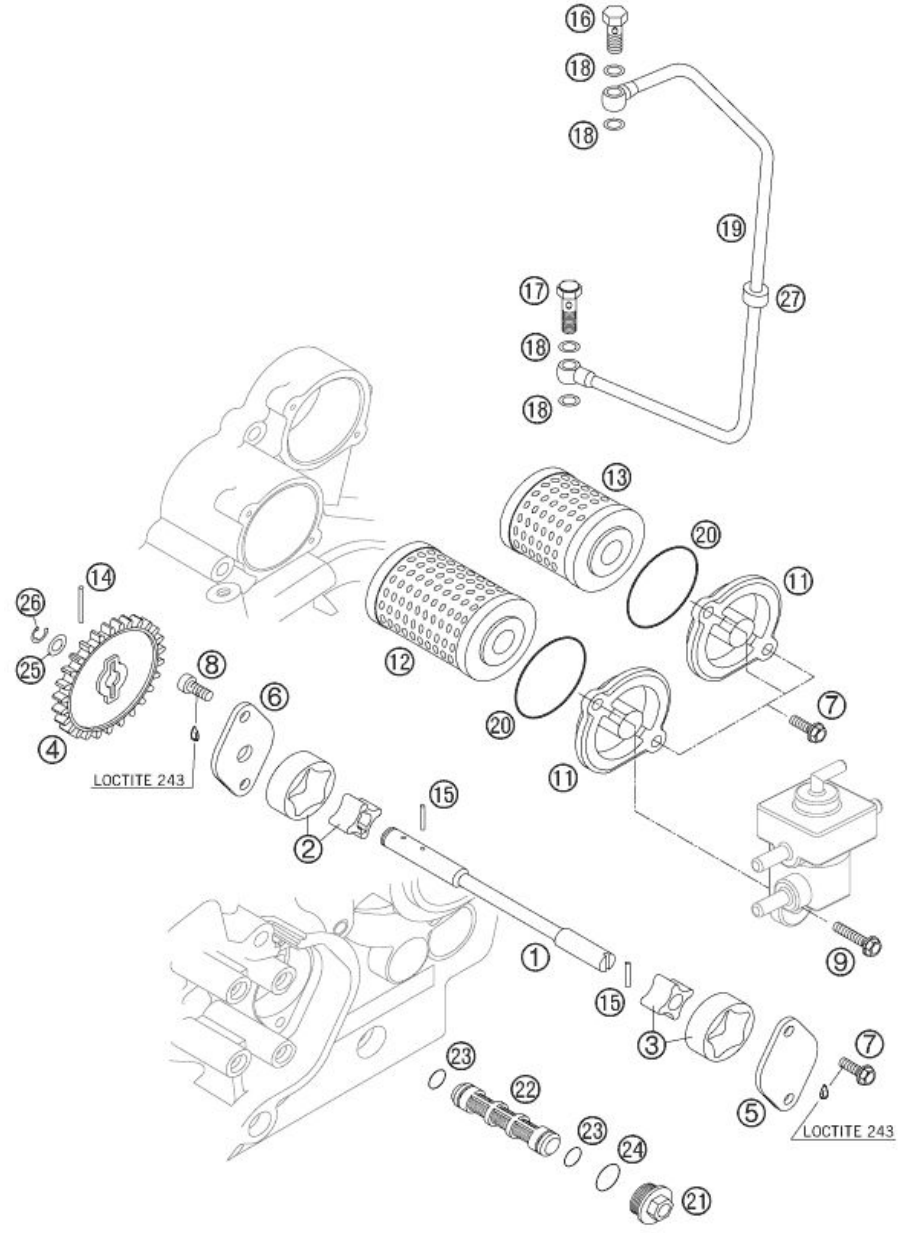
08-09 Beta RR/RS Models

| 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   |                      |



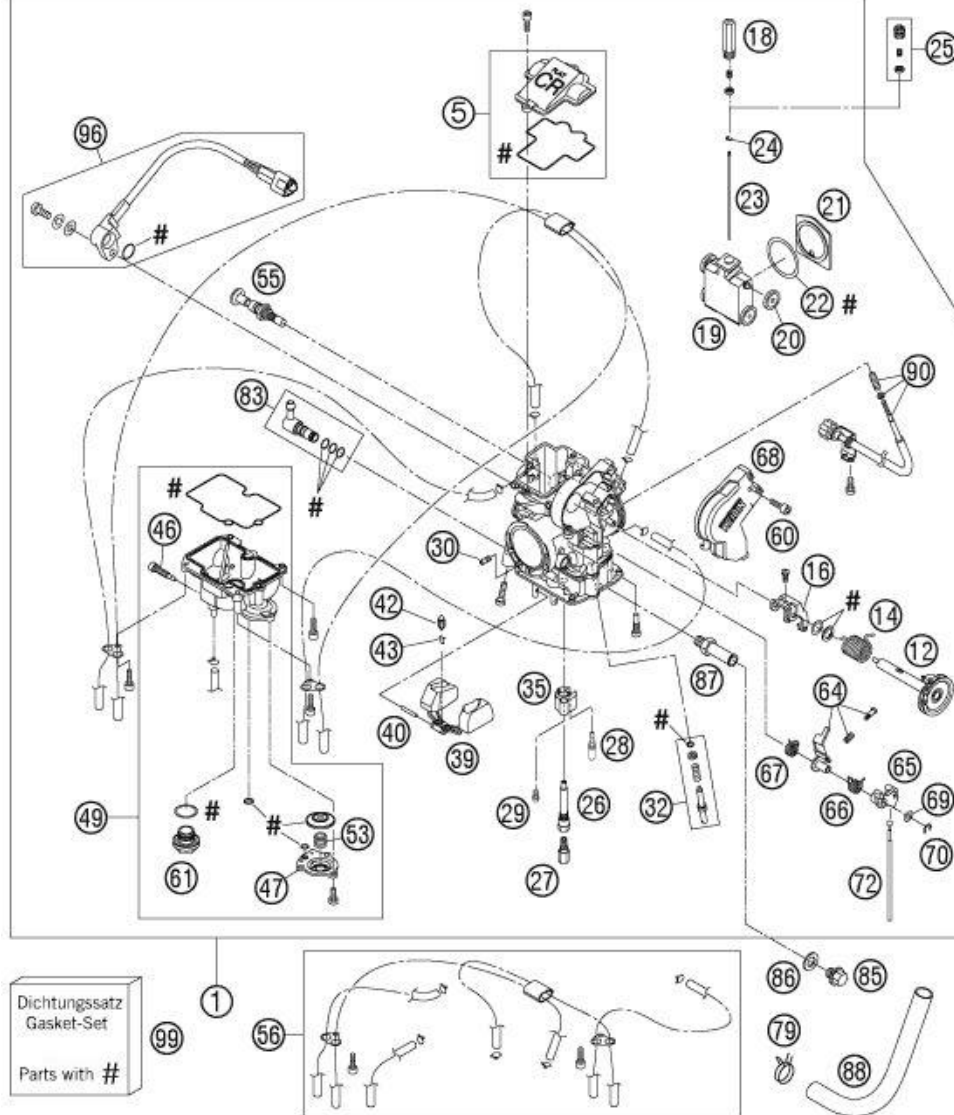
**08-09 Beta RR/RS Models**

| 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

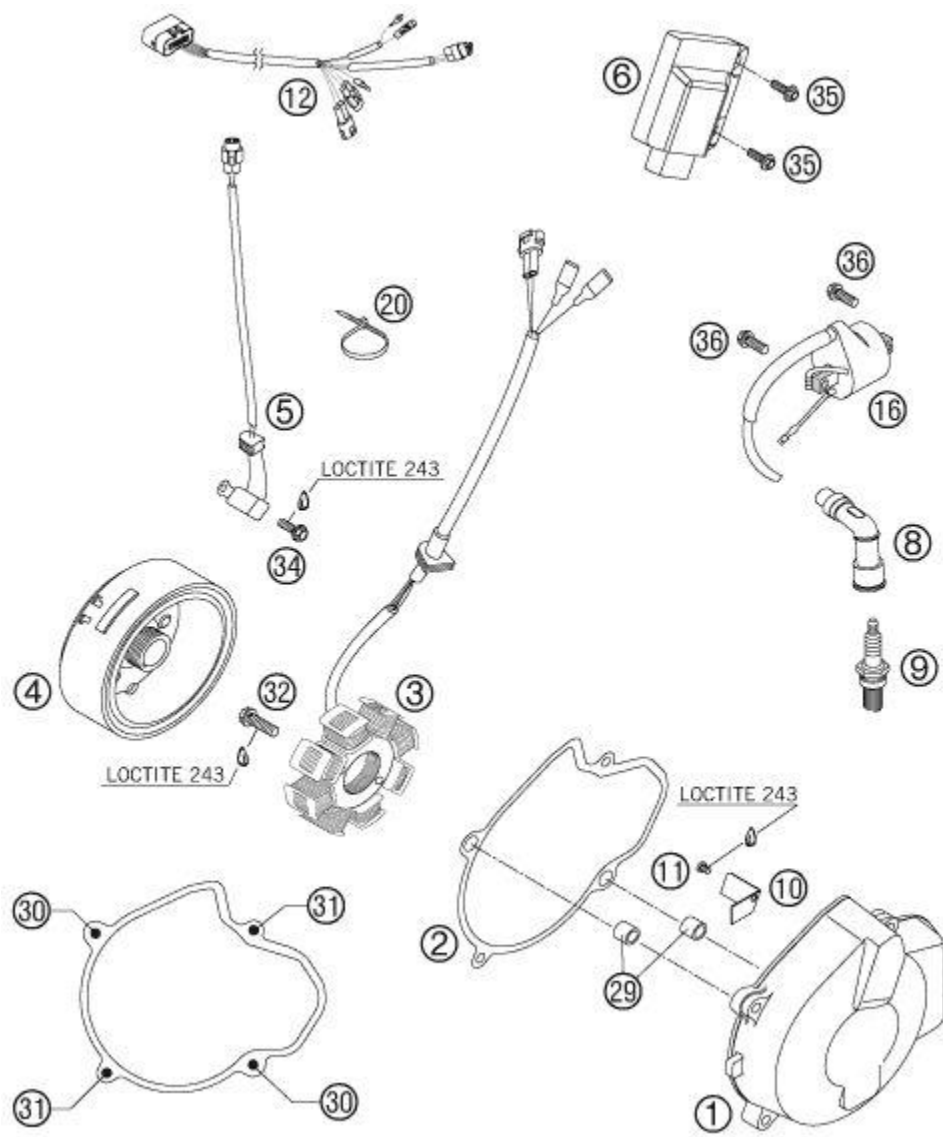
| Pos | Part Number  | Description            | Qty | Notes            |
|-----|--------------|------------------------|-----|------------------|
| 1   | 12-04926-000 | carburetor assembly    | 1   | 400 RR           |
| 1   | 12-04924-000 | carburetor assembly    | 1   | 450 RR           |
| 1   | 12-04925-000 | 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   |  |

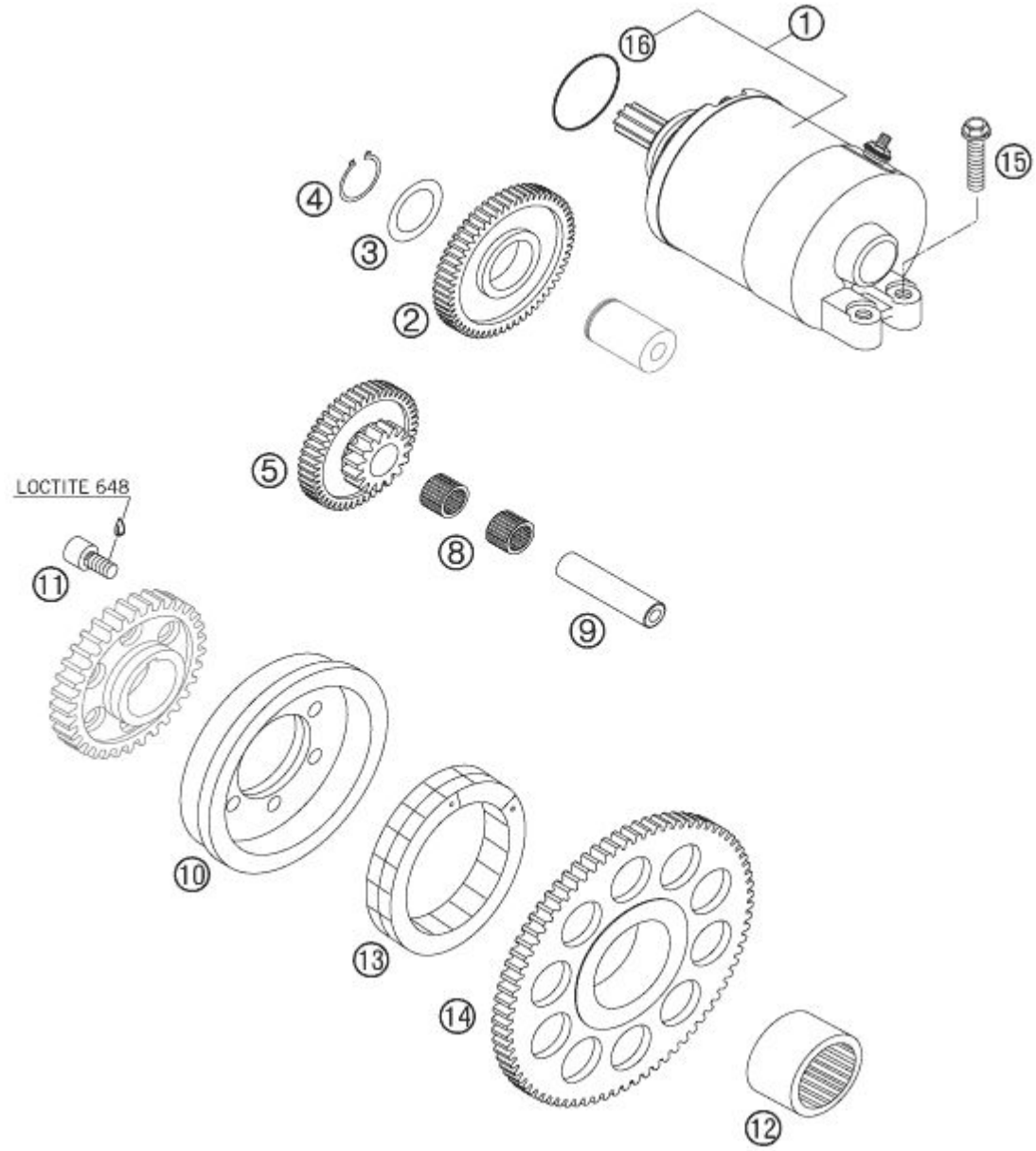






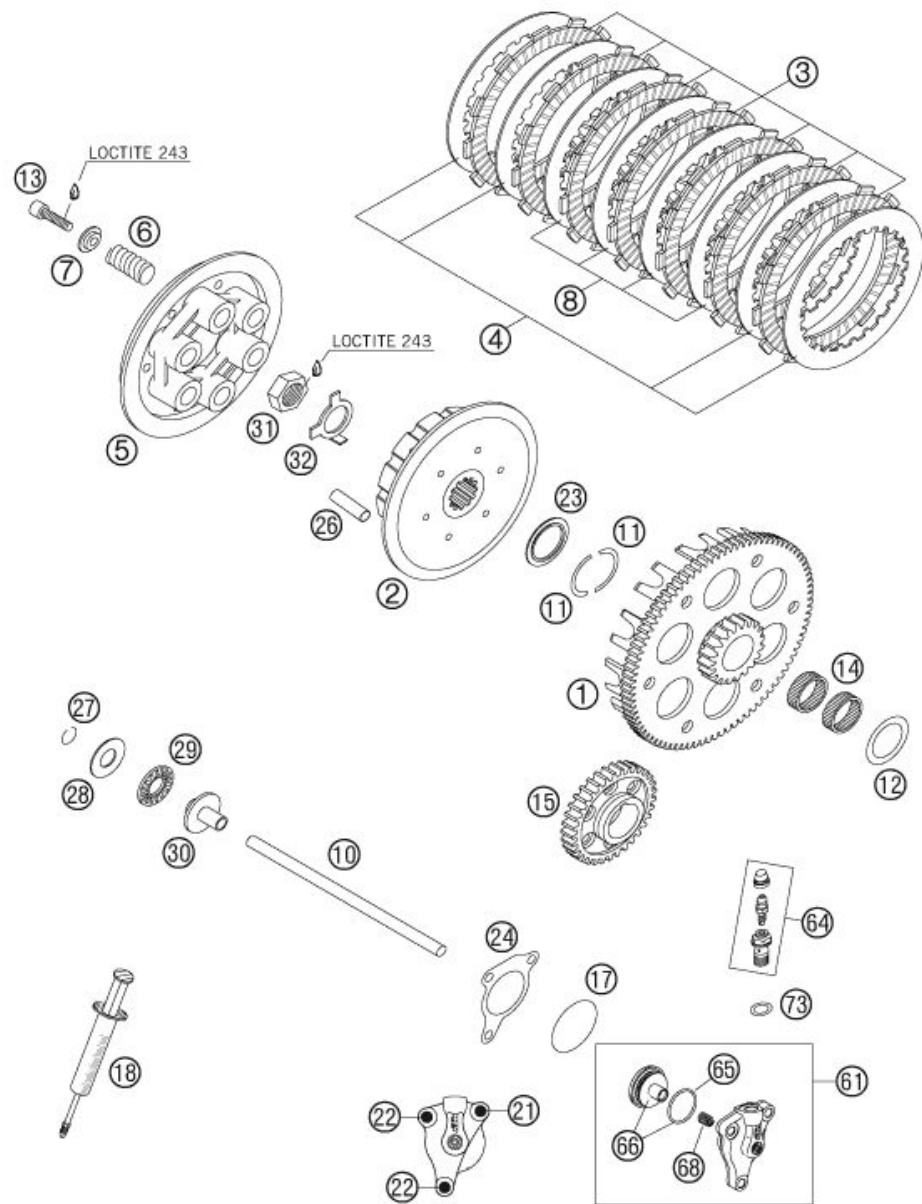
08-09 Beta RR/RS Models

| 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   |                          |



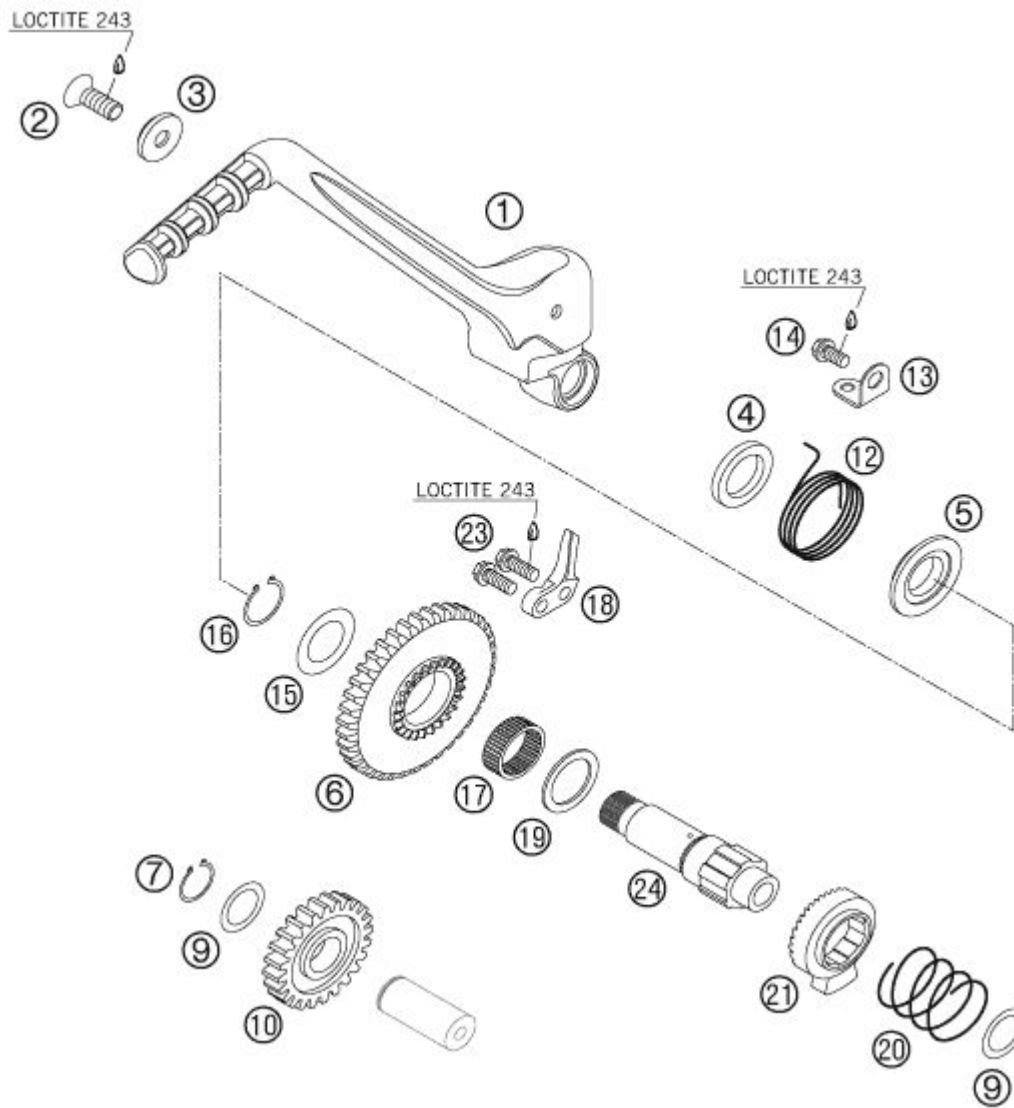
08-09 Beta RR/RS Models

| 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

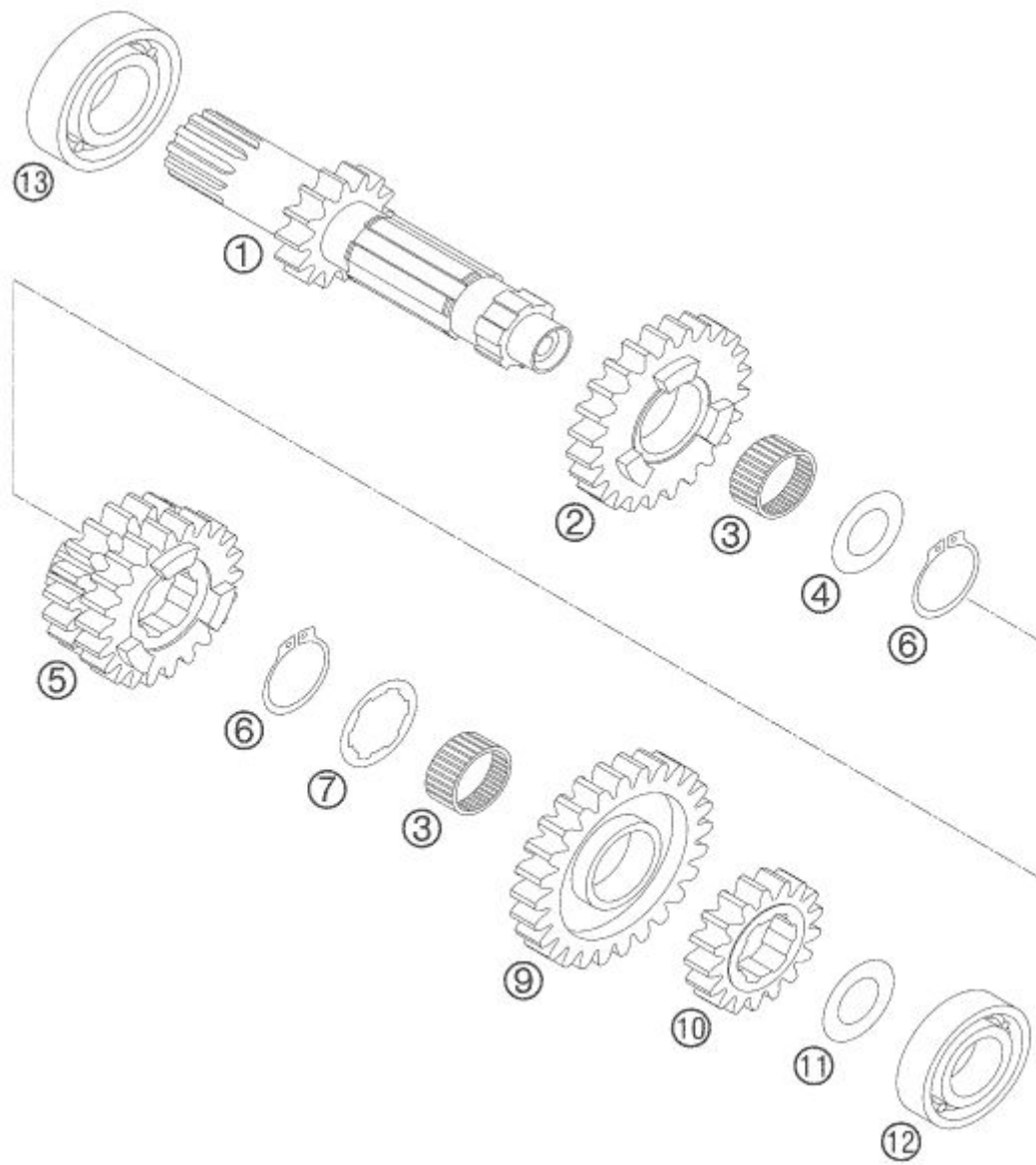
| Pos | Part Number  | Description           | Qty | Notes                   |
|-----|--------------|-----------------------|-----|-------------------------|
| 1   | 36-25464-000 | clutch basket         | 1   |                         |
| 2   | 36-25485-000 | inner clutch hub      | 1   |                         |
| 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   |                         |





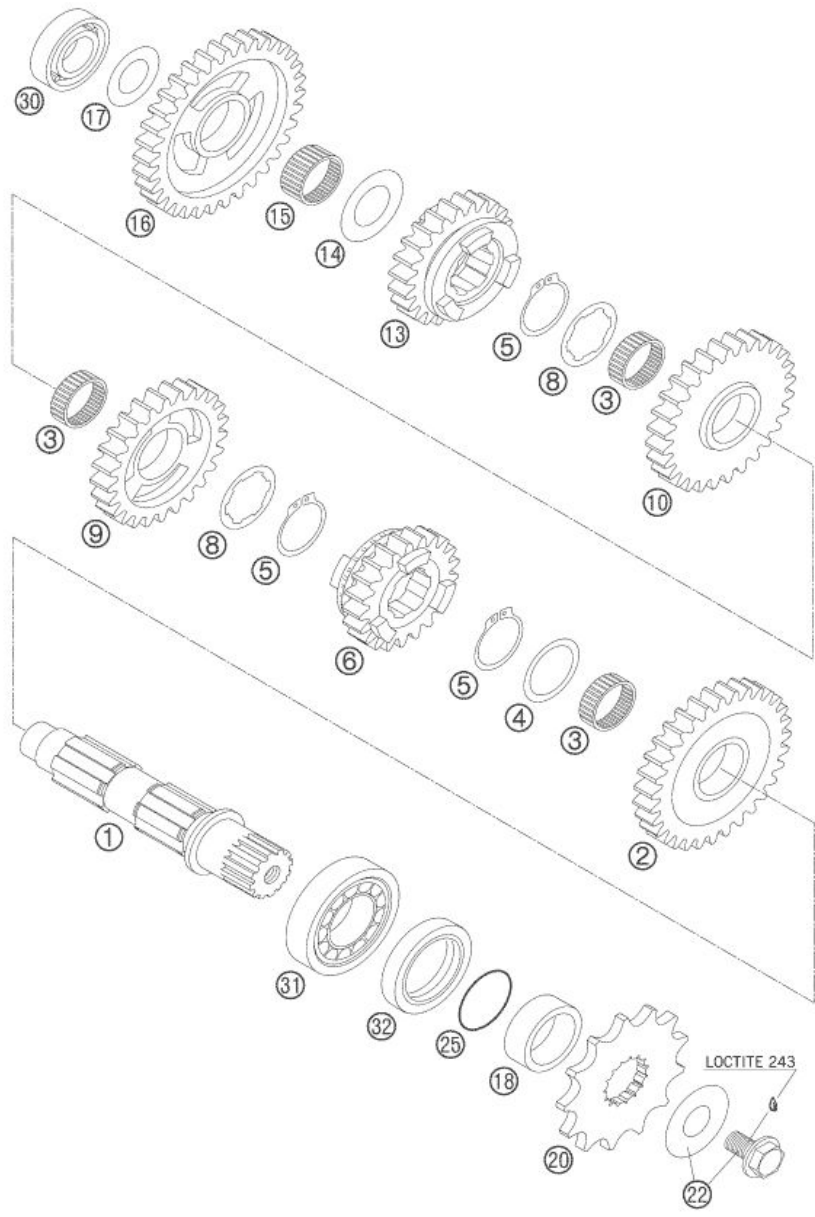
08-09 Beta RR/RS Models

| 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   |                         |