

**Chainwheels (cont.)**

| <i>Bike Make and Model</i>       | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> | <i>Bike Make and Model</i> | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> |
|----------------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|----------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|
| <b>Kawasaki</b>                  |                   |                  |                            |                           |                    |                   | <b>Kawasaki (cont.)</b>    |                   |                  |                            |                           |                    |                   |
| EL 250                           | 1993              | 1996             |                            | 210U-520-44P-HA           |                    | 41 52             | ZX 1200 (ZZR-1200)         | 2002              | 2005             | 313-530-17P                | 184U-530-44P-HA           | 17T 18T            | 40 48             |
| EX 250 (GPX 250R)                | 1988              | 1996             |                            | 210U-520-45P-HA           |                    | 41 52             | ZX 1400 (ZX-14)            | 2006              | 2011             | 313-530-17P                | 460U-530-41P-HA           | 17T 18T            | 41 44             |
| EX 250 (ZZR 250)                 | 1990              | 1993             |                            | 210U-520-47P-HA           |                    | 41 52             | KX 600                     | 1986              | 2001             | 258-420-13GP               | 157U-420-44GESI           | 12T 15T            | 44 44             |
| KLX 250S                         | 2006              | 2007             | 445-520-14GP               | 112U-520-42GESI           | 13T 14T            | 41 55             | KX 65                      | 2000              | 2001             | 258-420-13GP               | 408U-420-46GESI           | 12T 15T            | 44 50             |
| KLX 250S                         | 2009              | 2011             | 445-520-13GP               | 112U-520-42GESI           | 13T 13T            | 41 55             | KX 65                      | 2002              | 2011             | 258-420-13GP               | 408U-420-47GESI           | 12T 15T            | 44 50             |
| NINJA 250R                       | 2008              | 2011             | 445-520-14GP               | 210U-520-43P-HA           | 13T 14T            | 41 52             | KX 80                      | 1988              | 1997             | 258-420-13GP               | 191U-420-49GESI           | 12T 15T            | 48 56             |
| ZX 400 (Z 400)                   | 1984              | 1987             | 280-520-16P                | 184U-520-42P-HA           | 14T 16T            | 38 50             | KX 80                      | 1998              | 1999             | 258-420-14GP               | 191U-420-50GESI           | 12T 15T            | 48 56             |
| ZX 400 (ZXR 400)                 | 1991              | 2003             | 280-520-15P                | 184U-520-45P-HA           | 14T 16T            | 38 50             | KX 80                      | 2000              | 2000             | 258-420-14GP               | 191U-420-51GESI           | 12T 15T            | 48 56             |
| EN 500                           | 1996              | 2000             | 280-520-16P                | 206U-520-42P-HA           | 14T 16T            | 41 48             | KX 80 (19/16)              | 1991              | 1997             | 258-420-13GP               | 191U-420-54GESI           | 12T 15T            | 48 56             |
| ER 500 (ER-5)                    | 1997              | 2007             |                            | 210U-520-42P-HA           |                    | 41 52             | KX 80 (19/16)              | 1998              | 2000             | 258-420-13GP               | 191U-420-51GESI           | 12T 15T            | 48 56             |
| EX 500 (GPZ 500S)                | 1987              | 1993             | 280-520-16P                | 210U-520-42P-HA           | 14T 16T            | 41 52             | KX 85                      | 2001              | 2011             | 258-420-14GP               | 191U-420-50GESI           | 12T 15T            | 48 56             |
| EX 500 (GPZ 500S)                | 1994              | 2009             | 280-520-16P                |                           | 14T 16T            |                   | KX 85 (19/16)              | 2001              | 2011             | 258-420-13GP               | 191U-420-51GESI           | 12T 15T            | 48 56             |
| ZR 550 (ZEPHYR)                  | 1991              | 1998             | 280-520-16P                |                           | 14T 16T            |                   | KX 100                     | 1987              | 1988             | 258-420-14GP               | 191U-420-53GESI           | 12T 15T            | 48 56             |
| ZX 550 (GPZ 550)                 | 1983              | 1990             | 280-520-16P                | 184U-520-38P-HA           | 14T 16T            | 38 50             | KX 100                     | 1989              | 1990             | 258-420-13GP               | 191U-420-52GESI           | 12T 15T            | 48 56             |
| ZX 600 (GPX 600R)                | 1988              | 1996             |                            | 210U-530-39P-HA           |                    | 39 50             | KX 100                     | 1991              | 1996             | 258-420-13GP               | 191U-420-54GESI           | 12T 15T            | 48 56             |
| ZX 600 (GPZ 600R)                | 1985              | 1990             |                            | 210U-530-39P-HA           |                    | 39 50             | KX 100                     | 1996              | 1996             | 258-420-13GP               | 191U-420-52GESI           | 12T 15T            | 48 56             |
| ZX 600 (ZX-6R)                   | 1995              | 1997             | 363-525-15P                | 206U-525-39P-HA           | 14T 15T            | 38 48             | KX 100                     | 1997              | 1997             | 258-420-13GP               | 191U-420-52GESI           | 12T 15T            | 48 56             |
| ZX 600 (ZX-6R)                   | 1998              | 2002             | 398-525-15P                | 184U-525-40P-HA           | 14T 15T            | 39 45             | KX 100                     | 1998              | 2011             | 258-420-13GP               | 191U-420-51GESI           | 12T 15T            | 48 56             |
| ZX 600 (ZX-6R)                   | 2007              | 2011             | 287-520-16P                | 184U-520-43P-HA           | 14T 17T            | 38 50             | KLX 110                    | 2002              | 2002             | 431-420-14GP               | 430U-420-37GESI           | 13T 15T            | 33 39             |
| ZX 600 (ZX-6R)(520 chain conv)   | 1998              | 2002             | 398-520-15P                | 184U-520-40P-HA           | 14T 15T            | 38 50             | KLX 110                    | 2003              | 2009             | 431-420-14GP               | 430U-420-33GESI           | 13T 15T            | 33 39             |
| ZX 600 (ZX-6RR)                  | 2003              | 2004             | 398-520-15P                | 184U-520-40P-HA           | 14T 15T            | 38 50             | KLX 110                    | 2010              | 2011             |                            | 430U-420-38GESI           |                    | 33 39             |
| ZX 600 (ZX-6RR)                  | 2005              | 2006             | 398-520-15P                | 184U-520-43P-HA           | 14T 15T            | 38 50             | KX 125                     | 1985              | 1989             | 258-520-12GP               | 112U-520-47GESI           | 11T 13T            | 41 55             |
| ZX 600 (ZZR 600)                 | 1990              | 1993             | 289-530-15P                | 206U-530-45P-HA           | 13T 18T            | 38 48             | KX 125                     | 1990              | 1991             | 258-520-12GP               | 112U-520-48GESI           | 11T 13T            | 41 55             |
| ZX 600 (ZZR 600)                 | 1993              | 2006             | 289-530-16P                | 206U-530-48P-HA           | 13T 18T            | 38 48             | KX 125                     | 1992              | 1995             | 337-520-12GP               | 112U-520-49GESI           | 11T 13T            | 41 55             |
| ZX 636 (ZX-6R)                   | 2003              | 2004             | 398-520-15P                | 184U-520-40P-HA           | 14T 15T            | 38 50             | KX 125                     | 1996              | 1997             | 337-520-13GP               | 112U-520-50GESI           | 11T 13T            | 41 55             |
| ZX 636 (ZX-6R)                   | 2005              | 2006             | 398-520-15P                | 184U-520-43P-HA           | 14T 15T            | 38 50             | KX 125                     | 1998              | 1999             | 337-520-12GP               | 112U-520-48GESI           | 11T 13T            | 41 55             |
| EJ 650 (W650)                    | 1999              | 2006             | 289-525-15P                | 206U-525-39P-HA           | 14T 17T            | 38 48             | KX 125                     | 2000              | 2002             | 337-520-12GP               | 112U-520-49GESI           | 11T 13T            | 41 55             |
| ER 650/EX 650 (ER6N/ER6F)        | 2006              | 2011             | 289-520-15GP               | 184U-520-46P-HA           | 12T 16T            | 38 50             | KX 125                     | 2003              | 2008             | 337-520-13GP               | 112U-520-51GESI           | 11T 13T            | 41 55             |
| VERSYS 650                       | 2007              | 2011             | 289-520-15P                | 184U-520-46P-HA           | 12T 16T            | 38 50             | KLX 140                    | 2008              | 2009             | 431-428-14GP               | 191U-428-50GESI           | 13T 14T            | 49 54             |
| Z 750R                           | 2011              | 2011             | 446-520-15P                | 184U-520-43P-HA           | 14T 15T            | 38 50             | KLX 140L                   | 2008              | 2009             | 431-428-13GP               | 191U-428-51GESI           | 13T 14T            | 49 54             |
| ZR 750 (Z750)                    | 2004              | 2010             | 446-520-15P                | 184U-520-43P-HA           | 14T 15T            | 38 50             | KDX 200                    | 1984              | 1988             | 252-520-13GP               | 112U-520-48GESI           | 10T 17T            | 41 55             |
| ZR 750 (ZEPHYR)                  | 1991              | 1998             | 289-525-15P                | 206U-525-39P-HA           | 14T 17T            | 38 48             | KDX 200                    | 1989              | 2006             | 252-520-13GP               | 112U-520-47GESI           | 10T 17T            | 41 55             |
| ZR 750 (ZR-7/ZR-7S)              | 1999              | 2004             | 289-525-16P                | 206U-525-38P-HA           | 14T 17T            | 38 48             | KDX 220                    | 1997              | 2005             | 252-520-13GP               | 112U-520-47GESI           | 10T 17T            | 41 55             |
| ZX 750 (GPX 750R)                | 1987              | 1990             | 289-530-16P                | 222U-530-47P-HA           | 13T 18T            | 43 48             | KDX 250                    | 1991              | 1994             | 252-520-14GP               | 112U-520-48GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZX-7R)                   | 1996              | 2003             | 289-525-16P                | 184U-525-43P-HA           | 14T 17T            | 39 45             | KLX 250                    | 1994              | 1998             | 252-520-14GP               | 112U-520-42GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZX-7R/RR)(520 chain con) | 1996              | 2002             | 385-520-16P                | 184U-520-43P-HA           | 14T 17T            | 38 50             | KLX 250R                   | 1994              | 1996             | 252-520-14GP               | 112U-520-50GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZX-7RR)                  | 1996              | 1998             | 289-525-16P                | 184U-525-42P-HA           | 14T 17T            | 39 45             | KX 250                     | 1987              | 1989             | 252-520-14GP               | 112U-520-47GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZXR 750)                 | 1989              | 1989             | 289-530-16P                | 206U-530-46P-HA           | 13T 18T            | 38 48             | KX 250                     | 1990              | 1991             | 252-520-14GP               | 112U-520-48GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZXR 750)                 | 1990              | 1990             | 289-530-16P                | 184U-530-46P-HA           | 13T 18T            | 40 48             | KX 250                     | 1992              | 1998             | 252-520-14GP               | 112U-520-49GESI           | 10T 17T            | 41 55             |
| ZX 750 (ZXR 750)                 | 1991              | 1993             | 289-530-16P                | 184U-530-45P-HA           | 13T 18T            | 40 48             | KX 250                     | 1999              | 2001             | 289-520-14GP               | 112U-520-49GESI           | 12T 16T            | 41 55             |
| ZX 750 (ZXR 750)                 | 1993              | 1996             | 289-530-16P                | 184U-530-44P-HA           | 13T 18T            | 40 48             | KX 250                     | 2002              | 2005             | 289-520-13GP               | 112U-520-49GESI           | 12T 16T            | 41 55             |
| ZX 750 (ZXR 750R)                | 1991              | 1993             | 289-530-16P                | 184U-530-42P-HA           | 13T 18T            | 40 48             | KX 250                     | 2006              | 2008             | 289-520-13GP               | 112U-520-51GESI           | 12T 16T            | 41 55             |
| ZX 750 (ZXR 750R)                | 1993              | 1994             | 289-530-16P                | 184U-530-41P-HA           | 13T 18T            | 40 48             | KX 250F                    | 2004              | 2005             | 438-520-13GP               | 112U-520-48GESI           | 12T 14T            | 41 55             |
| VN 800                           | 1995              | 1997             | 289-530-16P                | 206U-530-42P-HA           | 13T 18T            | 38 48             | KX 250F                    | 2006              | 2010             | 453-520-13GP               | 112U-520-48GESI           | 12T 14T            | 41 55             |
| VN 800                           | 1997              | 1998             | 289-530-17P                | 206U-530-42P-HA           | 13T 18T            | 38 48             | KX 250F                    | 2011              | 2011             | 453-520-13GP               | 112U-520-50GESI           | 12T 14T            | 41 55             |
| VN 800 CLASSIC                   | 1996              | 2006             | 289-530-17P                | 206U-530-42P-HA           | 13T 18T            | 38 48             | KLX 300R                   | 1997              | 2002             | 252-520-14GP               | 112U-520-50GESI           | 10T 17T            | 41 55             |
| VN 800 DRIFTER                   | 1999              | 2004             | 289-530-17P                | 206U-530-40P-HA           | 13T 18T            | 38 48             | KLX 300R                   | 2003              | 2007             | 289-520-14GP               | 112U-520-50GESI           | 12T 16T            | 41 55             |
| ZX 900 (GPZ 900R)                | 1984              | 1990             | 313-530-17P                | 222U-530-48P-HA           | 17T 18T            | 43 48             | KLX 450R                   | 2008              | 2009             | 452-520-13P                | 112U-520-50GESI           | 13T 15T            | 41 55             |
| ZX 900 (GPZ 900R)                | 1990              | 1993             | 313-530-17P                | 222U-530-48P-HA           | 17T 18T            | 43 48             | KX 450F                    | 2006              | 2011             | 452-520-13P                | 112U-520-50GESI           | 13T 15T            | 41 55             |
| ZX 900 (ZX-9R)                   | 1994              | 1997             | 289-530-16P                | 184U-530-44P-HA           | 13T 18T            | 40 48             | KX 500                     | 1987              | 2004             | 252-520-14GP               | 112U-520-47GESI           | 10T 17T            | 41 55             |
| ZX 900 (ZX-9R)                   | 1998              | 2001             | 289-530-16P                | 184U-530-41P-HA           | 13T 18T            | 40 48             | KLX 650/R                  | 1993              | 1996             |                            | 112U-520-49GESI           |                    | 41 55             |
| ZX 900 (ZX-9R)                   | 2002              | 2004             | 400-525-16P                | 184U-525-41P-HA           | 15T 16T            | 39 45             | KFX 400                    | 2003              | 2006             | 432-520-14GP               | 203U-520-40GPSI           | 13T 15T            | 38 42             |
| LV 1000 (KLV 1000)               | 2005              | 2006             | 289-525-17P                | 409U-525-41P-HA           | 14T 17T            | 41 48             | KFX 450R                   | 2008              | 2009             | 302-520-14GP               | 223A-520-38GESI           | 13T 15T            | 36 39             |
| Z 1000                           | 2003              | 2006             | 400-525-16P                | 184U-525-42P-HA           | 15T 16T            | 39 45             | <b>KTM</b>                 |                   |                  |                            |                           |                    |                   |
| Z 1000                           | 2007              | 2009             | 400-525-15P                | 184U-525-40P-HA           | 15T 16T            | 39 45             | 450 EXC/R (DUAL SPORT)     | 2008              | 2011             | 292-520-15GP               | 224U-520-45GPSI           | 12T 16T            | 38 56             |
| Z 1000                           | 2010              | 2011             | 400-525-15P                | 184U-525-42P-HA           | 15T 16T            | 39 45             | 530 EXC/R (DUAL SPORT)     | 2008              | 2011             | 292-520-15GP               | 224U-520-45GPSI           | 12T 16T            | 38 56             |
| Z 1000 SX                        | 2011              | 2011             | 400-525-15P                | 184U-525-41P-HA           | 15T 16T            | 39 45             | 620 ADVENTURER             | 1998              | 1998             | 304-520-17P                | 224U-520-45GPSI           | 14T 17T            | 38 56             |
| ZX 1000 (ZX-10R)                 | 2004              | 2007             | 289-525-17P                | 184U-525-40P-HA           | 14T 17T            | 39 45             | 620 DUKE                   | 1997              | 1999             | 304-520-17P                | 224U-520-38GPSI           | 14T 17T            | 38 56             |
| ZX 1000 (ZX-10R)                 | 2008              | 2010             | 289-525-17P                | 184U-525-41P-HA           | 14T 17T            | 39 45             | 620 LC4/E                  | 1997              | 1998             | 304-520-16P                | 224U-520-50GPSI           | 14T 17T            | 38 56             |
| ZX 1000 (ZX-10R)                 | 2011              | 2011             | 289-525-17P                | 184U-525-39P-HA           | 14T 17T            | 39 45             | 625 SXC                    | 2003              | 2006             | 304-520-16P                | 224U-520-40GPSI           | 14T 17T            | 38 56             |
| ZX 1000 (ZX-10R)(520 chain con)  | 2004              | 2011             | 385-520-17P                | 184U-520-39P-HA           | 14T 17T            | 38 50             | 640 ADVENTURE R            | 1999              | 2006             | 304-520-16P                | 224U-520-42GPSI           | 14T 17T            | 38 56             |
| ZR 1100 (ZEPHYR)                 | 1992              | 1997             |                            | 222U-530-48P-HA           |                    | 43 48             | 640 DUKE                   | 2000              | 2003             | 304-520-17P                | 224U-520-38GPSI           | 14T 17T            | 38 56             |
| ZR 1100 (ZRX 1100)               | 1997              | 2000             | 374-530-17P                | 222U-530-45P-HA           | 16T 16T            | 43 48             | 640 DUKE                   | 2004              | 2006             | 304-520-17P                | 224U-520-42GPSI           | 14T 17T            | 38 56             |
| ZX 1100 (GPZ 1100 ABS)           | 1996              | 1998             | 374-530-17P                | 222U-530-45P-HA           | 16T 16T            | 43 48             | 640 LC4 SUPERMOTO          | 1999              | 2006             | 304-520-17P                | 224U-520-42GPSI           | 14T 17T            | 38 56             |
| ZX 1100 (GPZ 1100)               | 1995              | 1998             | 374-530-17P                | 222U-530-45P-HA           | 16T 16T            | 43 48             | 660 SMC                    | 2003              | 2004             | 304-520-16P                | 224U-520-38GPSI           | 14T 17T            | 38 56             |
| ZX 1100 (ZZR 1100)               | 1990              | 1993             |                            | 222U-530-45P-HA           |                    | 43 48             | 660 SMC                    | 2005              | 2006             | 304-520-17P                | 224U-520-40GPSI           | 14T 17T            | 38 56             |
| ZX 1100 (ZZR 1100)               | 1993              | 1994             | 313-530-17P                | 222U-530-45P-HA           | 17T 18T            | 43 48             | 690 DUKE R                 | 2007              | 2008             | 304-520-16P                | 224U-520-40GPSI           | 14T 17T            | 38 56             |
| ZX 1100 (ZZR 1100)               | 1995              | 2001             | 313-530-17P                | 222U-530-44P-HA           | 17T 18T            | 43 48             | 690 ENDURO                 | 2010              | 2011             | 304-520-15P                | 224U-520-45GPSI           | 14T 17T            | 38 56             |
| ZR 1200 (ZRX 1200R)              | 2001              | 200              |                            |                           |                    |                   |                            |                   |                  |                            |                           |                    |                   |

| <i>Bike Make and Model</i> | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> |
|----------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|
| <b>KTM (cont.)</b>         |                   |                  |                            |                           |                    |                   |
| 950 SUPER ENDURO R         | 2007              | 2009             | 407A-525-16P               |                           | 16T                | 17T               |
| 950/990 ADVENTURE          | 2005              | 2011             | 407A-525-17P               | 443U-525-42P-HA           | 16T                | 17T 41 42         |
| LC8 SUPERMOTO / R          | 2006              | 2008             | 407A-525-17P               | 471U-525-41P-HA           | 16T                | 17T 37 41         |
| 990 SUPER DUKE / R         | 2008              | 2011             | 407A-525-17P               | 471U-525-38P-HA           | 16T                | 17T 37 41         |
| 990 SUPERMOTO / R          | 2008              | 2011             | 407A-525-17P               | 471U-525-41P-HA           | 16T                | 17T 37 41         |
| 1190 RC-8                  | 2008              | 2009             | 407A-525-17P               | 471U-525-38P-HA           | 16T                | 17T 37 41         |
| 1190 RC-8R                 | 2010              | 2011             | 407A-525-17P               | 471U-525-38P-HA           | 16T                | 17T 37 41         |
| 50 SX                      | ALL               | ALL              | 481-415-11P                | 480-415-43GPSI            | 10T                | 12T 40 52         |
| 65 SX                      | 1998              | 2002             | 307-420-12GP               | 192U-420-46GPSI           | 12T                | 14T 43 52         |
| 65 SX                      | 2003              | 2003             | 307-420-12GP               | 192U-420-50GPSI           | 12T                | 14T 43 52         |
| 65 SX                      | 2004              | 2008             | 307-420-14GP               | 192U-420-50GPSI           | 12T                | 14T 43 52         |
| 65 SX                      | 2009              | 2011             | 440-420-14GP               | 192U-420-50GPSI           | 12T                | 14T 43 52         |
| 85 SX (17/14)              | 2004              | 2009             | 440-428-14GP               | 441U-428-49GPSI           | 13T                | 14T 44 50         |
| 85 SX (17/14)              | 2010              | 2011             | 482-428-14GP               | 441U-428-49GPSI           | 13T                | 14T 44 50         |
| 85 SX (19/16)              | 2004              | 2009             | 440-428-14GP               | 441U-428-49GPSI           | 13T                | 14T 44 50         |
| 85 SX (19/16)              | 2010              | 2011             | 482-428-14GP               | 441U-428-49GPSI           | 13T                | 14T 44 50         |
| 105 SX                     | 2009              | 2011             | 482-428-14GP               | 441U-428-49GPSI           | 13T                | 14T 44 50         |
| 125 EXC                    | 1991              | 1998             | 292-520-13GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 125 EXC                    | 1998              | 2011             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 125 SX                     | 2003              | 2011             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 144 SX                     | 2008              | 2011             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 150 SX                     | 2009              | 2011             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 150 XC                     | 2010              | 2011             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 200 EXC                    | 2000              | 2003             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 200 EXC/XC/XC-W            | 1998              | 1999             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 200 EXC/XC/XC-W            | 2004              | 2011             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 200 SX                     | 2003              | 2006             | 292-520-14GP               | 224U-520-45GPSI           | 12T                | 16T 38 56         |
| 200 XC/XC-W                | 2009              | 2011             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-F            | 2002              | 2002             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-F            | 2003              | 2003             | 292-520-14GP               | 224U-520-45GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-F            | 2004              | 2004             | 292-520-13GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-F            | 2005              | 2011             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-W            | 1991              | 2003             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 250 EXC/XC/XC-W            | 2004              | 2004             | 292-520-13GP               | 224U-520-42GPSI           | 12T                | 16T 38 56         |
| 250 EXC-F                  | 2007              | 2011             | 292-520-13GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 250 SX                     | 1991              | 2003             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 250 SX                     | 2004              | 2011             | 292-520-13GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 250 SX-F                   | 2006              | 2011             | 292-520-13GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 250 XC/XC-W                | 2009              | 2011             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 250 XC-F/XC-F-W            | 2009              | 2010             | 292-520-13GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 250 XC-F/XC-F-W            | 2011              | 2011             | 292-520-13GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 1995              | 1997             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 1998              | 1998             | 292-520-14GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 1999              | 1999             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 2000              | 2004             | 292-520-14GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 2005              | 2008             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 300 EXC/XC/XC-W            | 2009              | 2011             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 350 SX-F                   | 2010              | 2011             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 360 SX                     | 1996              | 1997             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 380 EXC                    | 2000              | 2001             | 292-520-15GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 380 SX                     | 1998              | 2002             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 400 EXC/XC-W               | 2000              | 2008             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 400 LC4/E                  | 1997              | 2000             | 304-520-15GP               | 224U-520-45GPSI           | 14T                | 17T 38 56         |
| 400 SX                     | 1999              | 2002             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 400 XC-W                   | 2009              | 2010             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 450 EXC/XC/XC-W            | 2003              | 2008             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 450 SMR                    | 2006              | 2006             | 292-520-14GP               | 224U-520-45GPSI           | 12T                | 16T 38 56         |
| 450 SX-F                   | 2003              | 2003             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 450 SX-F                   | 2004              | 2011             | 292-520-14GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 450 XC-F                   | 2009              | 2009             | 292-520-14GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 450 XC-W                   | 2009              | 2009             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 450 XC-W                   | 2010              | 2011             | 292-520-13GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 505 SX-F/XC-F              | 2008              | 2009             | 292-520-14GP               | 224U-520-52GPSI           | 12T                | 16T 38 56         |
| 520 EXC                    | 2000              | 2002             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 520 SX                     | 1999              | 2002             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 525 EXC                    | 2003              | 2009             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 525 SX                     | 2003              | 2006             | 292-520-14GP               | 224U-520-48GPSI           | 12T                | 16T 38 56         |
| 530 XC-W                   | 2009              | 2009             | 292-520-14GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 530 XC-W                   | 2010              | 2011             | 292-520-13GP               | 224U-520-50GPSI           | 12T                | 16T 38 56         |
| 640 LC4-E ENDURO           | 2000              | 2006             | 304-520-16P                | 224U-520-42GPSI           | 14T                | 17T 38 56         |
| 450 SX ATV                 | 2008              | 2009             | 292-520-14GP               | 463U-520-38GPOR           | 12T                | 16T 36 39         |
| 450 XC ATV                 | 2009              | 2010             | 292-520-14GP               | 463U-520-38GPOR           | 12T                | 16T 36 39         |
| 505 SX ATV                 | 2010              | 2010             | 292-520-14GP               | 463U-520-38GPOR           | 12T                | 16T 36 39         |
| 525 XC ATV                 | 2010              | 2010             | 292--520-14GP              | 463U-520-37GPOR           | 12T                | 16T 36 39         |

| <i>Bike Make and Model</i> | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> |
|----------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|
| <b>Montessa</b>            |                   |                  |                            |                           |                    |                   |
| COTA 314 R                 | 1994              | 1996             | 298A-520-10P               | 233U-520-40GPSI           | 10T                | 10T 40 42         |
| COTA 315 R                 | 1997              | 2000             | 298A-520-10P               | 233U-520-40GPSI           | 10T                | 10T 40 42         |
| COTA 315 R                 | 2001              | 2002             | 298A-520-10P               |                           | 10T                | 10T               |
| COTA 4RT                   | 2005              | 2009             | 449-520-10P                | 141U-520-41GPSI           | 10T                | 106T 40 50        |
| <b>Polaris</b>             |                   |                  |                            |                           |                    |                   |
| 450S OUTLAW                | 2007              | 2009             | 292-520-14GP               |                           | 12T                | 16T               |
| 525IRS OUTLAW              | 2007              | 2009             | 292-520-14GP               |                           | 12T                | 16T               |
| 525S OUTLAW                | 2007              | 2009             | 292-520-14GP               |                           | 12T                | 16T               |
| <b>Race Wheels</b>         |                   |                  |                            |                           |                    |                   |
| MARCHESINI                 | 1999              | 2009             | 292-520-14GP               | 397U-520-36P-HA           |                    | 36 48             |
| <b>Suzuki</b>              |                   |                  |                            |                           |                    |                   |
| RGV 250                    | 1989              | 1990             | 289-520-15P                | 124U-520-46P-HA           | 12T                | 16T 38 48         |
| RGV 250                    | 1991              | 1996             | 289-520-14P                | 124U-520-43P-HA           | 12T                | 16T 38 48         |
| DR-Z 400S                  | 2000              | 2011             | 255-520-15GP               | 123U-520-44GYSI           | 12T                | 15T 38 54         |
| DR-Z 400SM                 | 2005              | 2009             | 255-520-15GP               | 123U-520-41GPSI           | 12T                | 15T 38 54         |
| GSF 400 BANDIT             | 1991              | 1994             |                            | 199U-525-47P-HA           |                    | 44 48             |
| GSXR 400                   | 1988              | 1989             |                            | 199U-525-45P-HA           |                    | 44 48             |
| GSXR 400                   | 1990              | 1991             |                            | 199U-525-44P-HA           |                    | 44 48             |
| GS 500                     | 1989              | 1993             | 289-520-16P                | 199U-520-39P-HA           | 12T                | 16T 39 47         |
| GS 500ES/F                 | 1994              | 2006             | 321-520-16P                | 199U-520-39P-HA           | 14T                | 17T 39 47         |
| GS 500ES/F                 | 2004              | 2008             | 321-520-16P                | 199U-520-39P-HA           | 14T                | 17T 39 47         |
| GSX 550                    | 1983              | 1988             | 289-530-14P                | 221U-530-46P-HA           | 13T                | 18T 42 48         |
| GSF 600/S BANDIT           | 1995              | 2004             | 289-530-15P                | 199U-530-47P-HA           | 13T                | 18T 42 48         |
| GSR 600                    | 2006              | 2010             | 289U-525-16P               | 409U-525-48P-HA           | 15T                | 17T 41 48         |
| GSX 600F                   | 1989              | 1992             | 289-530-14P                | 199U-530-46P-HA           | 13T                | 18T 42 48         |
| GSX 600F                   | 1993              | 1997             | 289-530-14P                | 199U-530-45P-HA           | 13T                | 18T 42 48         |
| GSX 600F                   | 1998              | 2004             | 289-530-15P                | 199U-530-47P-HA           | 13T                | 18T 42 48         |
| GSXR 600                   | 1997              | 1997             | 289-525-16P                | 206U-525-45P-HA           | 14T                | 17T 38 48         |
| GSXR 600                   | 1998              | 2000             | 289-525-16P                | 206U-525-46P-HA           | 14T                | 17T 38 48         |
| GSXR 600                   | 2001              | 2005             | 289-525-16P                | 409U-525-45P-HA           | 14T                | 17T 41 48         |
| GSXR 600                   | 2006              | 2011             | 289-525-16P                | 409U-525-43P-HA           | 14T                | 17T 41 48         |
| GSXR 600 (520 chain conv)  | 1997              | 2000             | 385-520-16P                | 206U-520-45P-HA           | 14T                | 17T 41 48         |
| GSXR 600 (520 chain conv)  | 2001              | 2005             | 385-520-16P                | 409U-520-45P-HA           | 14T                | 17T 40 50         |
| GSXR 600 (520 chain conv)  | 2006              | 2011             | 385-520-16P                | 409U-520-43P-HA           | 14T                | 17T 40 50         |
| RF 600                     | 1993              | 1994             | 289-530-14P                | 199U-530-43P-HA           | 13T                | 18T 42 48         |
| RF 600                     | 1995              | 1997             | 289-530-14P                | 199U-530-42P-HA           | 13T                | 18T 42 48         |
| DL 650 V-STROM             | 2004              | 2011             | 289-525-15P                | 409U-525-47P-HA           | 14T                | 17T 41 48         |
| GLADIUS 650                | 2009              | 2010             |                            | 199U-525-46P-HA           |                    | 44 48             |
| GSF 650/S BANDIT           | 2005              | 2006             | 289-530-15P                | 199U-530-47P-HA           | 13T                | 18T 42 48         |
| GSF 650/S BANDIT           | 2007              | 2011             | 289-525-15P                | 199U-525-48P-HA           | 14T                | 17T 44 48         |
| GSX 650F                   | 2008              | 2011             | 289-525-15P                | 199U-525-48P-HA           | 14T                | 17T 44 48         |
| SVF 650 GLADIUS            | 2009              | 2011             | 289U-520-15P               | 199U-520-46P-HA           | 12T                | 16T 39 47         |
| SV 650                     | 1999              | 2010             | 289U-525-15P               | 199U-525-45P-HA           | 15T                | 17T 44 48         |
| SV 650 (520 chain conv)    | 1999              | 2010             | 385-520-15P                | 199U-520-39P-HA           | 14T                | 17T 39 47         |
| SV 650S                    | 1999              | 2007             | 289U-525-15P               | 199U-525-44P-HA           | 15T                | 17T 44 48         |
| SV 650S SPORT              | 2008              | 2009             | 289U-525-15P               | 199U-525-45P-HA           | 15T                | 17T 44 48         |
| SV 650S SPORT              | 2010              | 2011             | 289-525-14P                | 199U-525-46P-HA           | 14T                | 17T 44 48         |
| GSR 750                    | 2011              | 2011             |                            | 409U-525-42P-HA           |                    | 48                |
| GSX 750                    | 1983              | 1989             | 289-530-14P                | 221U-530-43P-HA           | 13T                | 18T 42 48         |
| GSX 750                    | 1998              | 2002             | 289-530-15P                | 221U-530-42P-HA           | 13T                | 18T 42 48         |
| GSX 750F                   | 1989              | 1996             | 289-530-15P                | 199U-530-47P-HA           | 13T                | 18T 42 48         |
| GSX 750F                   | 1998              | 2004             | 289-530-15P                | 199U-530-45P-HA           | 13T                | 18T 42 48         |
| GSX 750SE KATANA           | 1984              | 1986             | 289-530-14P                | 221U-530-43P-HA           | 13T                | 18T 42 48         |
| GSXR 750                   | 1985              | 1987             | 289-530-14P                | 199U-530-42P-HA           | 13T                | 18T 42 48         |
| GSXR 750                   | 1988              | 1989             | 289-530-15P                | 199U-530-44P-HA           | 13T                | 18T 42 48         |
| GSXR 750                   | 1990              | 1991             | 289-530-15P                | 221U-530-43P-HA           | 13T                | 18T 42 48         |
| GSXR 750                   | 1992              | 1995             | 289-530-15P                | 221U-530-42P-HA           | 13T                | 18T 42 48         |
| GSXR 750                   | 1996              | 1997             | 289-530-16P                | 206U-530-43P-HA           | 13T                | 18T 38 48         |
| GSXR 750                   | 1998              | 1999             | 289-525-16P                | 206U-525-44P-HA           | 14T                | 17T 38 48         |

## Chainwheels (cont.)

| Bike Make and Model        | First Year | Last Year | OE Front Chainwheel | OE Rear Chainwheel | Front Range | Rear Range | Bike Make and Model          | First Year | Last Year | OE Front Chainwheel | OE Rear Chainwheel | Front Range | Rear Range |
|----------------------------|------------|-----------|---------------------|--------------------|-------------|------------|------------------------------|------------|-----------|---------------------|--------------------|-------------|------------|
| <b>Suzuki (cont.)</b>      |            |           |                     |                    |             |            | <b>Triumph</b>               |            |           |                     |                    |             |            |
| GSXR 1000                  | 2009       | 2011      | 464-530-18P         | 210U-530-42P-HA    | 17T 18T     | 39 50      | T509/955 SPEED TRIPLE        | 1997       | 2001      | 341-530-18P         | 389U-530-43P-HA    | 17T 19T     | 42 47      |
| GSXR 1000 (520 chain conv) | 2001       | 2008      | 321-520-17P         | 409U-520-43P-HA    | 14T 17T     | 40 50      | T509/955/1050 SPEED TRIPLE   | 2002       | 2010      | 341-530-18P         | 389U-530-42P-HA    | 17T 19T     | 42 47      |
| GSXR 1000 (520 chain conv) | 2009       | 2011      | 464U-520-17P        | 210U-520-42P-HA    | 14T 17T     | 41 52      | T595 DAYTONA                 | 1997       | 1998      | 341-530-18P         | 389U-530-43P-HA    | 17T 19T     | 42 47      |
| SV 1000                    | 2003       | 2006      | 289-530-17P         | 409U-530-40P-HA    | 13T 18T     | 40 46      | SPEED FOUR                   | 2006       | 2006      | 363-525-15P         | 409U-525-45P-HA    | 14T 15T     | 41 48      |
| TL 1000R                   | 1998       | 2002      | 289-530-17P         | 206U-530-39P-HA    | 13T 18T     | 38 48      | DAYTONA 600                  | 2003       | 2004      | 363-525-14P         | 409U-525-45P-HA    | 14T 15T     | 41 48      |
| TL 1000S                   | 1997       | 2000      | 289-530-17P         | 206U-530-38P-HA    | 13T 18T     | 38 48      | SPEED FOUR 600               | 2003       | 2003      | 363-525-14P         | 409U-525-42P-HA    | 14T 15T     | 41 48      |
| GSX 1100 (530 chain conv)  | 1988       | 1994      | 289-530-15P         | 221U-530-42P-HA    | 13T 18T     | 42 48      | SPEED FOUR 600               | 2004       | 2006      | 363-525-15P         | 409U-525-45P-HA    | 14T 15T     | 41 48      |
| GSF 1200/S BANDIT          | 1996       | 2005      | 289-530-15P         | 221U-530-45P-HA    | 13T 18T     | 42 28      | TT600                        | 2000       | 2003      | 363-525-14P         | 409U-525-42P-HA    | 14T 15T     | 41 48      |
| GSF 1200S                  | 2006       | 2006      | 289-530-15P         | 409U-530-45P-HA    | 13T 18T     | 40 46      | 675 DAYTONA                  | 2006       | 2011      | 289-525-16P         | 456U-525-47P-HA    | 14T 17T     | 47 48      |
| GSF 1250S/SA BANDIT        | 2007       | 2011      | 289-530-18P         | 409U-530-43P-HA    | 13T 18T     | 40 46      | 675 DAYTONA (520 chain conv) | 2006       | 2011      | 385U-520-16P        | 456U-520-47P-HA    | 14T 17T     | 44 51      |
| GSX 1250FA                 | 2010       | 2011      | 289-530-18P         | 409U-530-43P-HA    | 13T 18T     | 40 46      | STREET TRIPLE/R              | 2008       | 2010      | 289-525-16P         | 456U-525-47P-HA    | 14T 17T     | 47 48      |
| GSX 1300BK B-KING          | 2008       | 2011      | 464-530-18P         | 409U-530-43P-HA    | 17T 18T     | 40 46      | 750 DAYTONA                  | 1991       | 1993      | 341-530-17P         | 179U-530-46P-HA    | 17T 19T     | 40 48      |
| GSX 1300R HAYABUSA         | 1999       | 2007      | 289-530-17P         | 206U-530-40P-HA    | 13T 18T     | 38 48      | 750 TRIDENT                  | 1991       | 1996      | 341-530-17P         | 179U-530-48P-HA    | 17T 19T     | 40 48      |
| GSX 1300R HAYABUSA         | 2008       | 2011      | 464-530-18P         | 409U-530-43P-HA    | 17T 18T     | 40 46      | BONNEVILLE/BONNEVILLE T100   | 2002       | 2006      | 341-525-17P         | 409U-525-43P-HA    | 17T 19T     | 41 48      |
| GSX 1400                   | 2002       | 2008      | 289-530-18P         | 409U-530-41P-HA    | 13T 18T     | 40 46      | BONNEVILLE/BONNEVILLE T100   | 2007       | 2011      | 341-525-18P         | 409U-525-43P-HA    | 17T 19T     | 41 48      |
| RM 65                      | 2003       | 2005      | 258-420-13GP        | 408U-420-47GESI    | 12T 15T     | 44 50      | TIGER 800 / 800XC            | 2011       | 2011      |                     | 456U-520-50P-HA    | 17T 19T     | 44 51      |
| RM 80                      | 1989       | 2001      | 258-428-14GP        | 121U-428-48GPSI    | 12T 15T     | 44 54      | 865 SCRAMBLER                | 2006       | 2011      | 341-525-18P         | 409U-525-43P-HA    | 17T 19T     | 41 48      |
| RM 85                      | 2002       | 2011      | 258-428-14GP        | 121U-428-47GPSI    | 12T 15T     | 44 54      | 865 THRUXTON                 | 2006       | 2011      | 341-525-18P         | 409U-525-43P-HA    | 17T 19T     | 41 48      |
| RM 85L (19/16)             | 2002       | 2003      | 258-428-14GP        | 121U-428-47GPSI    | 12T 15T     | 44 54      | BONNEVILLE AMERICA           | 2002       | 2011      | 341-525-17P         | 179U-525-42P-HA    | 17T 19T     | 40 45      |
| RM 85L (19/16)             | 2004       | 2011      | 258-428-13GP        | 121U-428-47GPSI    | 12T 15T     | 44 54      | SPEEDMASTER                  | 2003       | 2011      | 341-525-18P         | 179U-525-42P-HA    | 17T 19T     | 40 45      |
| DR-Z 110                   | 2004       | 2006      | 431-420-14GP        | 430U-420-33GESI    | 13T 15T     | 33 39      | 900 ADVENTURER               | 1996       | 1998      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 1986       | 1986      | 254-520-12GP        | 123U-520-51GYSI    | 11T 14T     | 38 54      | 900 DAYTONA                  | 1994       | 1997      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 1987       | 1987      | 254-520-12GP        | 123U-520-53GYSI    | 11T 14T     | 38 54      | 900 DAYTONA SUPER 3          | 1994       | 1997      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 1988       | 1991      | 254-520-13GP        | 123U-520-51GYSI    | 11T 14T     | 38 54      | 900 SPEED TRIPLE             | 1994       | 1996      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 1992       | 1996      | 254-520-12GP        | 123U-520-49GYSI    | 11T 14T     | 38 54      | 900 THUNDERBIRD / SPORT      | 1998       | 2004      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 1997       | 1999      | 254-520-12GP        | 123U-520-50GYSI    | 11T 14T     | 38 54      | 900 TIGER                    | 1993       | 2000      | 341-530-18P         | 179U-530-48P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 2000       | 2003      | 254-520-12GP        | 123U-520-49GYSI    | 11T 14T     | 38 54      | 900 TRIDENT/SPRINT           | 1991       | 1998      | 341-530-17P         | 179U-530-46P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 2004       | 2005      | 254-520-12GP        | 123U-520-50GYSI    | 11T 14T     | 38 54      | 900 TROPHY                   | 1991       | 1993      | 341-530-17P         | 179U-530-46P-HA    | 17T 19T     | 40 48      |
| RM 125                     | 2006       | 2008      | 254-520-12GP        | 123U-520-51GYSI    | 11T 14T     | 38 54      | 900 TROPHY                   | 1994       | 2000      | 341-530-17P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| DR-Z 250                   | 2004       | 2007      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | 900/1000 DAYTONA             | 1991       | 1993      | 341-530-17P         | 179U-530-46P-HA    | 17T 19T     | 40 48      |
| RM 250                     | 1982       | 1988      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | 900/955 TIGER                | 2001       | 2004      | 341-530-18P         | 179U-530-46P-HA    | 17T 19T     | 40 48      |
| RM 250                     | 1989       | 1995      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | 955 DAYTONA CENTENNIAL       | 2002       | 2002      | 341-530-19P         | 389U-530-42P-HA    | 17T 19T     | 42 47      |
| RM 250                     | 1996       | 1997      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | 955i DAYTONA                 | 1999       | 2001      | 341-530-18P         | 389U-530-42P-HA    | 17T 19T     | 42 47      |
| RM 250                     | 1998       | 1998      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | 955i DAYTONA                 | 2002       | 2002      | 341-530-18P         | 409U-530-44P-HA    | 17T 19T     | 40 46      |
| RM 250                     | 1999       | 1999      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | 955i DAYTONA                 | 2003       | 2006      | 341-530-18P         | 389U-530-42P-HA    | 17T 19T     | 42 47      |
| RM 250                     | 2000       | 2000      | 255-520-13GP        | 123U-520-48GYSI    | 12T 15T     | 38 54      | 955i TIGER                   | 2005       | 2006      | 341-530-18P         | 409U-530-46P-HA    | 17T 19T     | 40 46      |
| RM 250                     | 2001       | 2003      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | SPRINT RS                    | 2000       | 2003      | 341-530-18P         | 409U-530-43P-HA    | 17T 19T     | 40 46      |
| RM 250                     | 2004       | 2004      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | SPRINT RS                    | 2004       | 2004      | 341-530-19P         | 389U-530-43P-HA    | 17T 19T     | 42 47      |
| RM 250                     | 2005       | 2005      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | SPRINT ST                    | 1999       | 2004      | 341-530-18P         | 389U-530-43P-HA    | 17T 19T     | 42 47      |
| RM 250                     | 2006       | 2008      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | SPRINT ST/ ABS               | 2005       | 2010      | 341-530-19P         | 389U-530-42P-HA    | 17T 19T     | 42 47      |
| RMX 250                    | 1989       | 1990      | 255-520-13GP        | 123U-520-49GYSI    | 12T 15T     | 38 54      | TIGER 1050                   | 2007       | 2011      | 341-530-18P         | 409U-530-44P-HA    | 17T 19T     | 40 46      |
| RMX 250                    | 1991       | 2001      | 255-520-13GP        | 123U-520-50GYSI    | 12T 15T     | 38 54      | 1200 DAYTONA                 | 1994       | 1997      | 341-530-17P         | 179U-530-42P-HA    | 17T 19T     | 40 48      |
| RM-Z 250                   | 2004       | 2006      | 438-520-13GP        | 112U-520-48GESI    | 12T 14T     | 41 55      | 1200 TROPHY                  | 1991       | 1993      | 341-530-18P         | 179U-530-45P-HA    | 17T 19T     | 40 48      |
| RM-Z 250                   | 2007       | 2009      | 254-520-12GP        | 123U-520-48GYSI    | 11T 14T     | 38 54      | 1200 TROPHY                  | 1993       | 1993      | 341-530-18P         | 179U-530-43P-HA    | 17T 19T     | 40 48      |
| RM-Z 250                   | 2010       | 2011      | 254-520-13GP        | 123U-520-49GYSI    | 11T 14T     | 38 54      | 1200 TROPHY                  | 1994       | 1996      | 341-530-18P         | 179U-530-44P-HA    | 17T 19T     | 40 48      |
| DR 350                     | 1990       | 1993      | 255-520-13GP        | 124U-520-43P-HA    | 12T 15T     | 38 48      | 1200 TROPHY                  | 1997       | 1998      | 341-530-18P         | 179U-530-42P-HA    | 17T 19T     | 40 48      |
| DR 350                     | 1991       | 1993      | 255-520-13GP        | 123U-520-47GYSI    | 12T 15T     | 38 54      | 1200 TROPHY                  | 2002       | 2002      | 341-530-18P         | 179U-530-40P-HA    | 17T 19T     | 40 48      |
| DR 350                     | 1994       | 1999      | 255-520-13GP        | 123U-520-44GYSI    | 12T 15T     | 38 54      |                              |            |           |                     |                    |             |            |
| DR 350                     | 1994       | 1995      | 255-520-15GP        | 124U-520-41P-HA    | 12T 15T     | 38 48      | <b>Yamaha</b>                |            |           |                     |                    |             |            |
| DR 350                     | 1996       | 1998      | 255-520-15GP        | 123U-520-43GPSI    | 12T 15T     | 38 54      | YZF-R 125                    | 2008       | 2011      | 470-428-14P         | 469U-428-48P-HA    | 13T 14T     | 47 49      |
| DR-Z 400E                  | 2000       | 2007      | 255-520-15GP        | 123U-520-47GYSI    | 12T 15T     | 38 54      | WR 250R                      | 2008       | 2011      | 420-520-13GP        | 465U-520-43GPSI    | 12T 15T     | 42 45      |
| RMX 450Z                   | 2010       | 2010      | 447-520-13GP        | 123U-520-51GYSI    | 13T 15T     | 38 54      | WR 250X                      | 2008       | 2011      | 420-520-13GP        | 465U-520-43GPSI    | 12T 15T     | 42 45      |
| RM-Z 450                   | 2005       | 2005      | 447-520-14GP        | 123U-520-49GYSI    | 13T 15T     | 38 54      | FZ6 FAZER                    | 2004       | 2009      | 285-530-16P         | 210U-530-46P-HA    | 15T 17T     | 39 50      |
| RM-Z 450                   | 2006       | 2007      | 447-520-14GP        | 123U-520-48GYSI    | 13T 15T     | 38 54      | FZR 600                      | 1989       | 1990      | 289-530-15P         | 219U-530-46P-HA    | 13T 18T     | 45 47      |
| RM-Z 450                   | 2008       | 2011      | 447-520-13GP        | 123U-520-50GYSI    | 13T 15T     | 38 54      | FZR 600                      | 1991       | 1993      | 289-530-15P         | 219U-530-45P-HA    | 13T 18T     | 45 47      |
| LT 250                     | 1985       | 1992      | 255-520-12GP        | 203U-520-42GPSI    | 12T 15T     | 38 42      | FZR 600                      | 1994       | 1995      | 289-530-15P         | 215U-530-47P-HA    | 13T 18T     | 38 50      |
| LT-Z 400                   | 2003       | 2008      | 432-520-13P         | 203U-520-40GPSI    | 13T 15T     | 38 42      | FZR 600 (520 chain conv)     | 1989       | 1993      | 321-520-15P         | 219U-520-45P-HA    | 14T 17T     | 43 48      |
| LT-Z 400                   | 2009       | 2009      | 432-520-13P         |                    | 13T 15T     |            | FZS 600 FAZER                | 1998       | 2003      | 289-530-15P         | 215U-530-48P-HA    | 13T 18T     | 38 50      |
| LT-R 450                   | 2006       | 2009      | 432-520-13P         | 459U-520-36GYSI    | 13T 15T     | 34 42      | MT 03                        | 2006       | 2011      | 281-520-15P         | 219U-520-47P-HA    | 14T 16T     | 43 48      |
|                            |            |           |                     |                    |             |            | XJ 600 N                     | 1995       | 2003      |                     | 219U-520-48P-HA    |             | 43 48      |
|                            |            |           |                     |                    |             |            | XJ 600 S DIVERSION           | 1992       | 2003      |                     | 219U-520-48P-HA    |             | 43 48      |
|                            |            |           |                     |                    |             |            | XJ6/ XJ6 DIVERSION/ ABS      | 2009       | 2011      |                     | 215U-520-46P-HA    |             | 42 48      |
|                            |            |           |                     |                    |             |            | XT 600                       | 1990       | 2003      | 342-520-15P         | 200U-520-45P-HA    | 14T 16T     | 40 45      |
|                            |            |           |                     |                    |             |            | XT 600ZE TENERE              | 1987       | 1988      | 342-520-15P         | 200U-520-40GPSI    | 14T 16T     | 40 45      |
|                            |            |           |                     |                    |             |            | XT 600ZE TENERE              | 1989       | 1990      | 342-520-15P         | 200U-520-45P-HA    | 14T 16T     | 40 45      |
|                            |            |           |                     |                    |             |            | YZF 600R                     | 1996       | 2003      | 289-530-15P         | 215U-530-47P-HA    | 13T 18T     | 38 50      |
|                            |            |           |                     |                    |             |            | YZF 600R (520 chain conv)    | 1996       | 2003      | 321-520-15P         | 215U-520-47P-HA    | 14T 17T     | 42 48      |
|                            |            |           |                     |                    |             |            | YZF-R6                       | 1999       | 2002      | 285-532-16P         | 404U-532-48P-HA    | 15T 16T     | 43 50      |
|                            |            |           |                     |                    |             |            | YZF-R6                       | 2003       | 2005      | 285-532-16P         | 210U-532-48P-HA    | 15T 16T     | 48 50      |
|                            |            |           |                     |                    |             |            | YZF-R6                       | 2006       | 2011      | 285-525-16P         | 210U-525-45P-HA    | 15T 16T     | 45 47      |
|                            |            |           |                     |                    |             |            | YZF-R6 (520 chain conv)      | 1999       | 2002      | 323-520-16P         | 404U-520-48P-HA    | 14T 16T     | 43 52      |
|                            |            |           |                     |                    |             |            | YZF-R6 (520 chain conv)      | 2003       | 2005      | 323-520-16P         | 210U-520-48P-HA    | 14T 16T     | 41 52      |
|                            |            |           |                     |                    |             |            | YZF-R6 (520 chain conv)      | 2006       | 2011      | 455-520-16P         | 210U-              |             |            |



| <i>Bike Make and Model</i>            | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> |
|---------------------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|
| <b>Yamaha (cont.)</b>                 |                   |                  |                            |                           |                    |                   |
| YZF-R6 (530 chain conv)               | 1999              | 2002             | 285-530-16P                | 404U-530-48P-HA           | 15T 17T            | 48 50             |
| YZF-R6 (530 chain conv)               | 2003              | 2005             | 285-530-16P                | 210U-530-48P-HA           | 15T 17T            | 39 50             |
| YZF-R6 S                              | 2006              | 2008             | 285-532-16P                | 210U-532-48P-HA           | 15T 16T            | 48 50             |
| SZR 660                               | 1996              | 1997             | 342-520-15P                | 175-520-39P-HA            | 14T 16T            | 39 47             |
| XT 660 Z TENERE                       | 2008              | 2011             | 281-520-15P                | 219U-520-45P-HA           |                    | 43 48             |
| XT 660X/R                             | 2004              | 2011             | 281-520-14P                | 219U-520-45P-HA           |                    | 43 48             |
| XTZ 660 TENERE                        | 1991              | 1995             | 342-520-15P                | 200U-520-45P-HA           | 14T 16T            | 40 45             |
| XTZ 660 TENERE                        | 1996              | 1998             | 342-520-15P                |                           | 14T 16T            |                   |
| FZR 750 OW01                          | 1989              | 1992             | 285-532-16P                | 215U-532-46P-HA           | 15T 16T            | 43 48             |
| FZR 750 OW01 (530 chain conv)         | 1989              | 1992             | 285-530-16P                | 215U-530-46P-HA           | 15T 17T            | 38 50             |
| XTZ 750 SUPER TENERE                  | 1989              | 1995             |                            | 219U-520-46P-HA           |                    | 43 48             |
| YZF 750 R                             | 1993              | 1997             | 285-532-16P                | 215U-532-43P-HA           | 15T 16T            | 43 48             |
| YZF 750 R & RRSP (530chain conv)      | 1993              | 1997             | 285-530-16P                |                           | 15T 17T            |                   |
| YZF 750 RRSP                          | 1993              | 1997             | 285-532-16P                | 215U-532-43P-HA           | 15T 16T            | 43 48             |
| YZF-R7                                | 1999              | 2001             | 285-530-17P                | 210U-530-43P-HA           | 15T 17T            | 39 50             |
| TDM 850                               | 1999              | 2001             | 289-525-17P                |                           | 14T 17T            |                   |
| TRX 850                               | 1996              | 1999             |                            | 215U-525-39P-HA           |                    | 42 44             |
| TDM 900                               | 2002              | 2011             |                            | 215U-525-42P-HA           |                    | 42 44             |
| FZ1/FAZER                             | 2006              | 2011             | 309U-530-17P               | 210U-530-45P-HA           | 15T 17T            | 39 50             |
| FZR 1000                              | 1987              | 1988             | 285-532-16P                | 215U-532-46P-HA           | 15T 16T            | 43 48             |
| FZR 1000                              | 1989              | 1995             | 285-532-15P                | 215U-532-47P-HA           | 15T 16T            | 43 48             |
| FZR 1000 (530 chain conv)             | 1987              | 1988             | 285-530-16P                | 215U-530-46P-HA           | 15T 17T            | 38 50             |
| FZR 1000 (530 chain conv)             | 1989              | 1995             | 285-530-17P                | 215U-530-47P-HA           | 15T 17T            | 38 50             |
| FZS 1000 FAZER (FZ1)                  | 2001              | 2005             | 309-530-16P                | 210U-530-44P-HA           | 13T 18T            | 39 50             |
| GTS 1000, GTS 1000A                   | 1993              | 1996             | 285U-532-17P               | 215U-532-47P-HA           | 15T 17T            | 43 48             |
| YZF 1000 THUNDER ACE                  | 1996              | 2002             |                            | 215U-532-46P-HA           |                    | 43 48             |
| YZF 1000 THUNDER ACE (520 chain conv) | 1996              | 2002             |                            | 215U-520-46P-HA           |                    | 32 48             |
| YZF 1000 THUNDER ACE (530 chain conv) | 1996              | 2002             | 285-530-17P                | 215U-530-46P-HA           | 15T 17T            | 38 50             |
| YZF-R1                                | 1998              | 2003             | 309U-530-16P               | 210U-530-43P-HA           | 15T 17T            | 39 50             |
| YZF-R1                                | 2004              | 2008             | 309U-530-17P               | 210U-530-45P-HA           | 15T 17T            | 39 50             |
| YZF-R1                                | 2009              | 2011             | 309U-530-17P               | 210U-530-47P-HA           | 15T 17T            | 39 50             |
| YZF-R1 (520 chain conv)               | 1998              | 2003             | 309-520-16P                | 210U-520-43P-HA           | 14T 17T            | 41 52             |
| YZF-R1 (520 chain conv)               | 2004              | 2011             | 309U-520-17P               | 210U-520-45P-HA           | 14T 17T            | 41 52             |
| FJ 1200                               | 1986              | 1990             | 309-530-17P                | 215U-530-40P-HA           | 13T 18T            | 38 50             |
| FJ 1200                               | 1991              | 1995             | 309-530-17P                | 215U-530-39P-HA           | 13T 18T            | 38 52             |
| MT01                                  | 2005              | 2010             | 309-530-17P                | 210U-530-39P-HA           | 13T 18T            | 39 50             |
| XJR 1200 (530 chain conv)             | 1995              | 1998             | 309-530-17P                | 215U-530-38P-HA           | 13T 18T            | 38 50             |
| XJR 1300                              | 1999              | 2001             | 309-530-17P                | 215U-530-38P-HA           | 13T 18T            | 38 50             |
| XJR 1300                              | 2002              | 2003             | 309-530-17P                | 215U-530-39P-HA           | 13T 18T            | 38 50             |
| XJR 1300                              | 2004              | 2011             | 309-530-17P                | 210U-530-39P-HA           | 13T 18T            | 39 50             |
| YZ 80                                 | 1993              | 2001             | 258-428-14GP               | 121U-428-47GPSI           | 12T 15T            | 44 54             |
| YZ 80 (BIG WHEEL)                     | 1994              | 2001             | 258-428-13GP               | 121U-428-47GPSI           | 12T 15T            | 44 54             |
| YZ 85                                 | 2002              | 2002             | 257-428-14GP               | 121U-428-48GPSI           | 13T 15T            | 44 54             |
| YZ 85                                 | 2003              | 2011             | 257-428-14GP               | 121U-428-47GPSI           | 13T 15T            | 44 54             |
| YZ 85 (BIG WHEEL)                     | 2002              | 2011             | 257-428-14GP               | 121U-428-52GPSI           | 13T 15T            | 44 54             |
| TTR 125                               | 2000              | 2001             | 423-428-13GP               | 243U-428-49P-SI           | 13T 13T            | 54 54             |
| TTR 125                               | 2002              | 2009             | 423-428-13GP               | 129C-428-49GPSI           | 13T 13T            | 49 54             |
| TTR 125L                              | 2000              | 2001             | 423-428-13GP               | 243U-428-54GPSI           | 13T 13T            | 54 54             |
| TTR 125L                              | 2002              | 2011             | 423-428-13GP               |                           | 13T 13T            |                   |
| WR 125X/R                             | 2009              | 2011             | 470-428-14P                |                           | 13T 14T            |                   |
| YZ 125                                | 1993              | 1996             | 257-520-13GP               | 131U-520-50GBSI           | 12T 15T            | 44 52             |
| YZ 125                                | 1997              | 1998             | 257-520-13GP               | 131U-520-48GBSI           | 12T 15T            | 44 50             |
| YZ 125                                | 1999              | 2001             | 257-520-13GP               | 150U-520-48GBSI           | 12T 15T            | 38 50             |
| YZ 125                                | 2002              | 2004             | 257-520-13GP               | 150U-520-49GBSI           | 12T 15T            | 38 52             |
| YZ 125                                | 2005              | 2011             | 420-520-13GP               | 150U-520-48GBSI           | 12T 15T            | 38 50             |
| TTR 230                               | 2005              | 2008             | 366-520-13GP               |                           | 13T 14T            |                   |
| WR 250                                | 1997              | 1997             | 252-520-13GP               | 131U-520-48GBSI           | 10T 17T            | 44 53             |
| WR 250                                | 1998              | 1998             | 252-520-14GP               | 131U-520-48GBSI           | 10T 17T            | 44 53             |
| WR 250F                               | 2001              | 2007             | 420-520-13GP               | 150U-520-52GBSI           | 12T 15T            | 38 55             |
| WR 250F                               | 2008              | 2011             | 420-520-13GP               | 150U-520-50GBSI           | 10T 17T            | 38 55             |
| YZ 250                                | 1994              | 1997             | 252-520-13GP               | 131U-520-49GBSI           | 10T 17T            | 44 53             |
| YZ 250                                | 1998              | 198              | 252-520-14GP               | 131U-520-50GBSI           | 12T 16T            | 44 53             |
| YZ 250                                | 1999              | 2001             | 289-520-14GP               | 150U-520-50GBSI           | 12T 16T            | 38 55             |
| YZ 250                                | 2002              | 2004             | 289-520-14GP               | 150U-520-49GBSI           | 12T 16T            | 38 55             |
| YZ 250                                | 2005              | 2011             | 289-520-14GP               | 150U-520-50GBSI           | 12T 15T            | 38 55             |
| YZ 250F                               | 2001              | 2004             | 420-520-13GP               | 150U-520-48GBSI           | 12T 15T            | 38 55             |
| YZ 250F                               | 2005              | 2011             | 420-520-13GP               | 150U-520-49GBSI           | 12T 16T            | 38 55             |
| WR 400F                               | 1998              | 1998             | 289-520-14GP               | 131U-520-50GBSI           | 12T 16T            | 44 53             |
| WR 400F                               | 1999              | 2001             | 289-520-14GP               | 150U-520-50GBSI           | 12T 16T            | 38 55             |
| YZ 400F                               | 1998              | 1998             | 289-520-14GP               | 131U-520-49GBSI           | 12T 16T            | 44 53             |

| <i>Bike Make and Model</i> | <i>First Year</i> | <i>Last Year</i> | <i>OE Front Chainwheel</i> | <i>OE Rear Chainwheel</i> | <i>Front Range</i> | <i>Rear Range</i> |
|----------------------------|-------------------|------------------|----------------------------|---------------------------|--------------------|-------------------|
| <b>Yamaha (cont.)</b>      |                   |                  |                            |                           |                    |                   |
| YZ 400F                    | 1999              | 1999             | 289-520-14GP               | 150U-520-48GBSI           | 12T 16T            | 38 55             |
| WR 426F                    | 2000              | 2002             | 289-520-14GP               | 150U-520-50GBSI           | 12T 16T            | 38 55             |
| YZ 426F                    | 2000              | 2002             | 289-520-14GP               | 150U-520-48GBSI           | 12T 16T            | 38 55             |
| WR 450F                    | 2003              | 2011             | 289-520-14GP               | 150U-520-50GBSI           | 12T 16T            | 38 55             |
| YZ 450F                    | 2003              | 2004             | 289-520-14GP               | 150U-520-48GBSI           | 12T 16T            | 38 55             |
| YZ 450F                    | 2005              | 2005             | 289-520-14GP               | 150U-520-51GBSI           | 12T 16T            | 38 55             |
| YZ 450F                    | 2006              | 2009             | 289-520-13GP               | 150U-520-49GBSI           | 12T 16T            | 38 55             |
| YZ 450F                    | 2010              | 2011             | 289-520-13GP               | 150U-520-48GBSI           | 12T 16T            | 38 55             |
| YFS 200 BLASTER            | 1988              | 2006             | 366-520-13GP               | 130U-520-40GBSI           | 13T 14T            | 38 48             |
| YFM 250 RAPTOR             | 2008              | 2011             | 468-520-14GP               | 437U-520-38GBSI           | 14T 14T            | 36 40             |
| YFM 350 RAPTOR             | 2004              | 2010             | 252-520-14GP               | 130U-520-40GBSI           | 10T 17T            | 38 48             |
| YFM 350X WARRIOR           | 1987              | 1988             | 252-520-14GP               | 200U-520-40GPSI           | 10T 17T            | 40 45             |
| YFM 350X WARRIOR           | 1989              | 2003             | 252-520-14GP               | 130U-520-40GBSI           | 10T 17T            | 38 48             |
| YFZ 350 BANSHEE            | 1987              | 1988             | 252-520-13GP               | 200U-520-42GPSI           | 10T 17T            | 40 45             |
| YFZ 350 BANSHEE            | 1989              | 2006             | 252-520-13GP               | 130U-520-41GBSI           | 10T 17T            | 38 48             |
| YFZ 450                    | 2004              | 2009             | 289-520-14GP               | 437U-520-38GBSI           | 12T 16T            | 36 40             |
| YFZ 450R                   | 2009              | 2011             | 454-520-14GP               | 437U-520-38GBSI           | 13T 15T            | 36 40             |
| YFZ 450X                   | 2010              | 2011             | 454-520-14GP               | 437U-520-38GBSI           | 13T 15T            | 36 40             |
| YFM 660 RAPTOR             | 2001              | 2005             | 289-520-13GP               | 130U-520-41GBSI           | 12T 16T            | 38 48             |
| RAPTOR 700R                | 2006              | 2011             | 454-520-14GP               | 437U-520-38GBSI           | 13T 15T            | 36 40             |