



## Electric Motor Service

70 River Road  
Logan, WV 25601  
(800) 697-6070

### Motorcycle & PWC Application Guide

| PART # | STARTER MOTORS |                             |      |        |          |        | REBUILD KITS | BRUSHES |        |      |
|--------|----------------|-----------------------------|------|--------|----------|--------|--------------|---------|--------|------|
|        | YEAR           | DESCRIPTION                 | MFG. | ID#    | ROTATION | #TEETH |              | SET     | HOLDER |      |
| HONDA: |                |                             |      |        |          |        |              |         |        |      |
| HS-1   | 1970-74        | CB/CL 175-200               | MIT  | SM-225 | CCW      | 31     | RBK-21       | B-3     |        |      |
| HS-2   | 1979-80        | CM 185-200 (6V)             | MIT  | SM-214 | CCW      | 31     | RBK-16       | B-3     |        |      |
| HS-3   | 1981-87        | CMX 250/CM 200-250          | MIT  | SM-223 | CCW      | 31     | RBK-16       | B-3     |        |      |
| HS-4   | 1991-99        | CB 250                      | MIT  | SM-13  | CCW      | 31     | RBK-17       | B-2     | SM-13L |      |
| HS-5   | 1988-90        | VTR 250                     | MIT  | SM-13  | CW       | 10     | RBK-3        | B-2     | SM-13R |      |
| HS-6   | 1967-77        | CB/CL/SL/CJ 350-360         | MIT  | SM-2   | CCW      | 31     | RBK-21       | B-3     |        |      |
| HS-7   | 1972-77        | CB 350-400F                 | MIT  | SM-228 | CW       | 10     | RBK-25       | B-3     |        |      |
| HS-8   | 1978-86        | CB/CM 400-450               | MIT  | SM-228 | CCW      | 10     | RBK-25       | B-3     |        |      |
| HS-9   | 1986-87        | CMX 450 REBEL               | MIT  | SM-8   | CCW      | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-10  | 1968-76        | CB 450-500T                 | MIT  | SM-2   | CCW      | 31     | RBK-28       | B-5     |        |      |
| HS-11  | 1983-90        | VT 600, VT 500C/FT, XL 600V | MIT  | SM-8   | CW       | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-11A | 1989-90        | XL 600V TRANSALP            | MIT  | SM-13  | CW       | 10     | RBK-29       | B-12    |        |      |
| HS-11A | 1988-89        | VT 600 SHADOW               | MIT  | SM-13  | CW       | 10     | RBK-29       | B-12    |        |      |
| HS-12  | 1984-86        | VF 500C/F                   | MIT  | SM-8   | CCW      | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-13  | 1982-83        | FT 500 ASCOT                | MIT  | SM-8   | CCW      | 9      | RBK-1        | B-1     | SM-8   |      |
| HS-14  | 1978-83        | CX/GL 500-650               | MIT  | SM-228 | CW       | 22     | RBK-6        | B-5     | GL     |      |
| HS-15  | 1983           | CX 650 TURBO                | MIT  | SM-8   | CW       | 22     | RBK-1        | B-1     | SM-8   |      |
| HS-16  | 1971-78        | CB 500K/F                   | MIT  | SM-227 | CW       | 10     | RBK-6        | B-5     | GL     |      |
| HS-17  | 1983-85        | CB 550-650 SC NIGHTHAWK     | MIT  | SM-8   | CW       | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-18  | 1987-90        | CBR 600F                    | MIT  | SM-13  | CCW      | 10     | RBK-2        | B-2     | LH     |      |
| HS-19  | 1991-96        | CBR 600 F2/F3               | MIT  | SM-13  | CCW      | 9      | RBK-29       | B-12    | SM-13  |      |
| HS-19  | 1991-96        | CBR 900RR /VTR1000F         | MIT  | SM-13  | CCW      | 9      | RBK-29       | B-12    | SM-13  |      |
| HS-20  | 1993-99        | XR 650L                     | MIT  | SM-13  | CCW      | 10     | RBK-2        | B-2     | SM-13L |      |
| HS-21  | 1979-82        | CB 650                      | MIT  | SM-227 | CW       | 10     | RBK-6        | B-5     | GL     |      |
| HS-22  | 1984-86        | CB 700 NIGHTHAWK            | MIT  | SM-8   | CCW      | 31     | RBK-26       | B-1     | SM-8   |      |
| HS-23  | 1984-87        | VT 700 SHADOW               | MIT  | SM-8   | CW       | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-24  | 1983           | VT 750 SHADOW               | MIT  | SM-8   | CW       | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-25  | 1986-97        | VFR 700-750                 | MIT  | SM-13  | CW       | 9      | RBK-35       | B-2     | SM-13R |      |
| HS-26  | 1982-87        | VF 700-750 C/S              | #MBO | MIT    | SM-8     | CCW    | 10           | RBK-12  | B-1    | SM-8 |
| HS-27  | 1983-85        | VF 700-750F                 | #MB2 | MIT    | SM-8     | CW     | 10           | RBK-12  | B-1    | SM-8 |
| HS-28  | 1969-78        | CB 750                      | MIT  | SM-226 | CCW      | 10     | RBK-30       | B-5     |        |      |
| HS-29  | 1979-83        | CB 750                      | MIT  | SM-220 | CCW      | 10     | RBK-30       | B-5     |        |      |
| HS-30  | 1991-95        | CB 750 NH                   | MIT  | SM-13  | CW       | 31     | RBK-27       | B-2     | SM-13R |      |
| HS-31  | 1980-83        | CB 900-1000-1100 C/F        | MIT  | 438    | CCW      | 10     | RBK-31       | B-5     |        |      |
| HS-32  | 1984-86        | VF 1000 F/R                 | MIT  | SM-2   | CW       | 10     | RBK-32       | B-5     | GL     |      |
| HS-33  | 1979-82        | CBX                         | MIT  | SM-220 | CW       | 10     | RBK-32       | B-5     | GL     |      |
| HS-34  | 1987-95        | CBR 1000                    | MIT  | SM-8   | CCW      | 10     | RBK-1        | B-1     | SM-8   |      |
| HS-35  | 1975-79        | GL 1000 GOLDWING            | MIT  | SM-224 | CW       | 31     | RBK-33       | B-5     | GL     |      |
| HS-36  | 1980-83        | GL 1100 GOLDWING            | MIT  | SM-224 | CW       | 31     | RBK-33       | B-5     | GL     |      |
| HS-37  | 1983-86        | VF 1100 C/S                 | #MB4 | MIT    | SM-8     | CCW    | 10           | RBK-12  | B-1    | SM-8 |
| HS-38  | 1985-94        | VT 1100 C SHADOW            | MIT  | SM-8   | CW       | 22     | RBK-1        | B-1     | SM-8   |      |
| HS-39  | 1995 UP        | VT 1100 C SHADOW            | MIT  | SM-13  | CW       | 10     | RBK-29       | B-12    | SM-13  |      |



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|----------|----------------|-------------------------------|------|----------|----------|--------|--------------|---------|--------|
|          | YEAR           | DESCRIPTION                   | MFG. | ID#      | ROTATION | #TEETH |              | SET     | HOLDER |
| HS-40    | 1984           | GL 1200 GOLDWING              | MIT  | SM-2     | CW       | 31     | RBK-34       | B-5     | GL     |
| HS-41    | 1985-87        | GL 1200 GOLDWING              | MIT  | SM-2     | CW       | 31     | RBK-44       | B-5     | GL     |
| HS-42    | 1991-96        | GL 1500 GOLDWING (NO REV)     | MIT  |          | CCW      |        |              |         |        |
| HS-43    | 1991-00        | GL 1500 ASP (W/REV)           | MIT  |          | CCW      |        |              |         |        |
| HS-44    | 1988-89        | GL 1500 2 BATTERY POST        | MIT  |          | CCW      |        |              |         |        |
| HS-45    | 1999-01        | CBR 600 F4                    | MIT  | SM-14    | CCW      | 9      | RBK-23       | B-11    |        |
| HS-46    | 1985 UP        | CN-250, CH-250 ELETE          | MIT  | SM-8     | CW       | 9      | RBK-1        | B-1     | SM-8   |
| HS-47    | 1983-85        | NH 80 AERO                    | MIT  | SM-5     | CW       | 14     |              |         |        |
| HS-48    | 1985-87        | CH 150 ELITE                  | MIT  | SM-11    | CW       | 14     | RBK-21       | B-3     |        |
| HS-49    | 1984-87        | NQ 50ESPRIT                   | MIT  | GK-8-781 | CW       | 10     | RBK-1        | B-1     | SM-8   |
| HS-50    | 1993-UP        | ELITE 80                      | MIT  | SM-10    | CCW      | 9      |              | B-9     |        |
| HS-51    | 1989-90        | CB 400F                       | MIT  | SM-13    | CCW      | 9      | RBK-2        | B-2     | SM-13L |
| HS-52    | 1994-UP        | VF 750/VFR 750R               | MIT  | SM-13    | CW       | 9      | RBK-35       | B-2     | SM-13L |
| HS-53    | 1980-81        | C-70 PASSPORT 6V              | MIT  | SM-8101  | CCW      | 30     | RBK-52       | B-1     | SM-8   |
| HS-54    | 1982-83        | C-70 PASSPORT 12V             | MIT  | SM-5     | CCW      | 22     |              |         |        |
| HS-55    | 2001-2004      | REFLEX 250                    | MIT  | SM-13    | CW       | 9      | RBK-3        | B-2     | SM-13R |
| KAWASAKI |                |                               |      |          |          |        |              |         |        |
| KS-1     | 1978-79        | KZ 200                        | MIT  | SM-223C  | CCW      | 31     | RBK-21       | B-3     |        |
| KS-2     | 1980-83        | KZ 250                        | MIT  | SM-8211  | CCW      | 31     | RBK-24       | B-1     | SM-8   |
| KS-3     | 1986-UP        | EX 250 NINJA                  | MIT  | SM-7     | CCW      | 9      | RBK-22       | B-8     |        |
| KS-4     | 1981-UP        | KZ 305 CSR, GPZ, LTD          | MIT  | SM-7     | CCW      | 9      | RBK-22       | B-8     |        |
| KS-5     | 1974-UP        | KZ 400/440 (2 BRUSH)          | MIT  | SM-2     | CW       | 31     | RBK-21       | B-3     |        |
| KS-6     | 1980-UP        | KZ 400/440 (4 BRUSH)          | MIT  | SM-8203  | CW       | 31     | RBK-24       | B-1     | SM-8   |
| KS-7     | 1985-UP        | EN 454                        | MIT  | SM-8239  | CW       | 31     | RBK-26       | B-1     | SM-8   |
| KS-7     | 1987-UP        | EX 500                        | MIT  | SM-8239  | CW       | 31     | RBK-26       | B-1     | SM-8   |
| KS-8     | 1980-83        | KZ 550 LTD, GPZ               | MIT  | SM-8202  | CW       | 10     | RBK-1        | B-1     | SM-8   |
| KS-9     | 1983-85        | KZ 550                        | MIT  | SM-8202  | CW       | 10     | RBK-1        | B-1     | SM-8   |
| KS-10    | 1985-UP        | 600 NINJA                     | MIT  | SM-8     | CW       | 9      | RBK-1        | B-1     | SM-8   |
| KS-11    | 1984-UP        | KLR 600-650                   | MIT  | SM-8     | CW       | 9      | RBK-12       | B-1     | SM-8   |
| KS-11A   | 1987-UP        | KLR 650                       |      |          |          |        |              |         |        |
| KS-12    | 1977-UP        | KZ 650/750 (2 BRUSH)          | MIT  | SM-224   | CW       | 31     | RBK-33       | B-5     | GL     |
| KS-13    | 1980-UP        | KZ 650/750 (4 BRUSH)          | MIT  | SM-8208  | CW       | 31     | RBK-43       | B-1     | SM-8   |
| KS-14    | 1987-90        | ZX 750 NINJA                  | ND   |          | CCW      | 10     | RBK-4        | B-4     | ND-L   |
| KS-15    | 1976-UP        | KZ 750B                       | MIT  | SM-224   | CW       | 31     | RBK-33       | B-5     | GL     |
| KS-16    | 1985-UP        | VN 700/750 VULCAN             | MIT  | SM-8     | CCW      | 10     | RBK-1        | B-1     | SM-8   |
| KS-16A   | 1998-UP        | VN 800 VULCAN                 | MIT  | SM-13    | CCW      | 9      | RBK-29       | B-12    | SM-13  |
| KS-17    | 1984-86        | ZX 900 NINJA                  | ND   |          | CW       | 10     | RBK-4R       | B-4     | ND-R   |
| KS-18    | 1991-99        | ZX7 NINJA (ALL MODELS)        | ND   |          | CCW      | 10     | RBK-4        | B-4     | ND-L   |
| KS-19    | 1987-UP        | KZ 1000 POLICE                | MIT  | SM-13    | CCW      | 10     | RBK-2        | B-2     | LH     |
| KS-20    | 1973-UP        | KZ 1000J, KZ 1000 (4 BRUSH)   | MIT  | SM-8207  | CCW      | 10     | RBK-1        | B-1     | SM-8   |
| KS-21    | 1986-UP        | ZG 1200 VOYAGER               | MIT  | SM-2     | CW       | 10     | RBK-32       | B-5     | GL     |
| KS-22    | 1973-UP        | KZ 900 (Z1), KZ 1000, ZN 1300 | MIT  | SM-226   | CCW      | 10     | RBK-30       | B-5     |        |
| KS-23    | 1986-UP        | ZG 1000 CONCOURSE             | MIT  | SM-8     | CW       | 10     | RBK-1        | B-1     | SM-8   |



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|---------|----------------|-------------------------|------|---------|----------|--------|--------|--------------|--------|---------|--|
|         | YEAR           | DESCRIPTION             | MFG. | ID#     | ROTATION | #TEETH |        | SET          | HOLDER |         |  |
| KS-24   | 1986-90        | 1000 NINJA (ALL), ZX-10 | MIT  | SM-8    | CW       | 10     | RBK-12 | B-1          | SM-8   |         |  |
| KS-25   | 1990-UP        | ZX-11                   | MIT  | SM-13   | CW       | 10     | RBK-29 | B-12         | SM-13  |         |  |
| KS-26   | 1990-UP        | NINJA 600 / ZX6         | ND   |         | CCW      | 10     | RBK-4  | B-4          | ND-L   |         |  |
| KS-27   | 1987-UP        | VN 1500 VULCAN          | MIT  |         | CCW      | 9      |        | B-12         |        |         |  |
| KS-28   | 1998-UP        | ZX-6 G1/2               | ND   | 7350    | CCW      | 10     |        |              |        |         |  |
| KS-29   | 1995-97        | ZX 600 NINJA C8/9/10    | MIT  | SM-13   | CW       |        | RBK-3  | B-2          | SM-13R |         |  |
| KS-30   | 2000-UP        | ZR 750                  | MIT  | SM-13   | CW       | 31-14  |        |              |        |         |  |
| KS-31   | 2000-UP        | ZX 1200                 | ND   | SM-13   | CW       |        | RBK-3  | B-2          | SM-13R |         |  |
| SUZUKI: |                |                         |      |         |          |        |        |              |        |         |  |
| SS-1    | 1994-UP        | GN 125, DR 125          | MIT  |         | CCW      | 9      |        |              |        |         |  |
| SS-2    | 1982-88        | GN 250                  | ND   |         | CCW      | 9      | RBK-4  | B-4          | ND-L   |         |  |
| SS-3    | 1980-81        | GS 250                  |      |         | CCW      | 9      |        |              |        |         |  |
| SS-4    | 1980-83        | GS 300-450              | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-4    | 1980-83        | GS 450                  | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-4    | 1980-83        | GS 650G                 | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-5    | 1980-82        | GS 550 (4 BRUSH)        | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-5    | 1981-82        | GS 650E (4 BRUSH)       | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-5    | 1980-83        | GS 750E (4 BRUSH)       | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-5    | 1980-83        | GS 850G (4 BRUSH)       | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-5    | 1980-82        | GS 1000 (4 BRUSH)       | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-5    | 1980-84        | GS 1100 (4 BRUSH)       | MIT  | SM-8210 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-6    | 1983-UP        | GS 550                  | ND   |         | CCW      | 9      | RBK-4  | B-4          | ND-L   |         |  |
| SS-7    | 1988-97        | GSX 600 KATANA          | MIT  | SM-13   | CCW      | 9      | RBK-2  | B-2          | SM-13L |         |  |
| SS-8    | 1997-99        | GSXR 600                |      |         | CCW      |        |        |              |        |         |  |
| SS-9    | 1983           | GR 650 TEMPTOR          | MIT  | SM-8227 | CCW      | 9      | RBK-40 | B-1          | SM-8   |         |  |
| SS-10   | 1985           | GS 700                  | MIT  | SM-8224 | CCW      | 9      | RBK-15 | B-2          | SM-13R |         |  |
| SS-10   | 1983           | GS 750 ED/ESD           | MIT  | SM-8224 | CCW      | 9      | RBK-15 | B-2          | SM-13R |         |  |
| SS-11   | 1985-UP        | GV 700-1200 MADURA      | MIT  | SM-8236 | CCW      | 10     | RBK-1  | B-1          | SM-8   |         |  |
| SS-12   | 1986-87        | GSXR 750                | MIT  | SM-8    | CCW      | 9      | RBK-12 | B-1          | SM-8   |         |  |
| SS-12   | 1986-88        | GSXR 1100               | MIT  | SM-8    | CCW      | 9      | RBK-12 | B-1          | SM-8   |         |  |
| SS-13   | 1988-92        | GSXR 750                | ND   |         | CCW      | 10     | RBK-4  | B-4          | ND-L   |         |  |
| SS-13   | 1989-97        | GSX 750                 | ND   |         | CCW      | 10     | RBK-4  | B-4          | ND-L   |         |  |
| SS-13   | ALL            | GS 500E                 | ND   |         | CCW      | 10     | RBK-4  | B-4          | ND-L   |         |  |
| SS-14   | 1996-98        | GSXR 750                | MIT  | SM-14   | CCW      | 9      |        |              |        |         |  |
| SS-15   | 1993-96        | GSXR 1100               | ND   |         | CW       | 9      |        |              |        |         |  |
| SS-16   | 1980-82        | GS 550 (2 BRUSH)        | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-16   | 1981-82        | GS 650E (2 BRUSH)       | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-16   | 1980-83        | GS 750E (2 BRUSH)       | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-16   | 1980-83        | GS 850G (2 BRUSH)       | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-16   | 1980-82        | GS 1000 (2 BRUSH)       | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-16   | 1980-84        | GS 1100 (2 BRUSH)       | ND   |         | CCW      | 9      | RBK-4S | B-4          | ND-L   |         |  |
| SS-17   | 1986-UP        | VS 700/750 INTRUDER     | ND   |         | CW       | 9      |        |              |        |         |  |
| SS-18   | 1987-UP        | VS 1400 INTRUDER        |      |         | CW       | 9      |        |              |        |         |  |



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|         | YEAR           | DESCRIPTION                 | MFG. | ID#      | ROTATION | #TEETH |              | SET     | HOLDER   |
| SS-18   | 1987-UP        | VL 1500 VULCAN              |      |          | CW       | 9      |              |         |          |
| SS-19   | 1984-86        | GS 1150                     |      | ND       | CCW      | 10     | RBK-4        | B-4     | ND-L     |
| SS-20   | ALL            | GSX 1100 KATANA             |      |          | CCW      | 9      |              |         |          |
| SS-20   | 1989-92        | GSXR 1100                   |      |          | CCW      | 9      |              |         |          |
| SS-21   | ALL            | GS 750/850/1000             | MIT  | SM-229   | CCW      | 9      | RBK-49       | B-5     |          |
| SS-22   | ALL            | LS 650 SAVAGE               | ND   | 24B      | CW       | 9      |              |         |          |
| SS-23   | ALL            | GSX 1300 HAYABUSA           | ND   | 24F      | CCW      | 9      |              |         |          |
| SS-24   | 1998-UP        | TL 1000                     | ND   | 02F      | CW       | 9      |              |         |          |
| SS-25   | 1999-UP        | SV 650                      | MIT  | SM-14    | CCW      | 9      | RBK-23       | B-11    | SM-14L   |
| SS-26   | 2000-01        | GSF 600 BANDIT              | ND   | 08F      | CCW      | 9      |              |         |          |
| SS-26   | 1998-01        | GSX 600                     | ND   | 08F      | CCW      | 9      |              |         |          |
| SS-26   | 1998-01        | GSX 750                     | ND   | 08F      | CCW      | 9      |              |         |          |
| SS-27   | 2001-UP        | GSX R1000                   |      |          |          |        |              |         |          |
| SS-28   | 1994-UP        | DR-650                      | MIT  | SM-13    | CW       | 9      | RBK-42       | B-12    | SM-13    |
| SS-29   | 1997-UP        | VZ 800                      | MIT  | SM-13    | CCW      | 9      | RBK-2        | B-2     | SM-13LMK |
| YAMAHA: |                |                             |      |          |          |        |              |         |          |
| YS-1    | 1981-82        | SR 185                      | MIT  | SM-7252  | CCW      | 9      | RBK-10       | B-8     |          |
| YS-2    | ALL            | TW/BW 200, XT 225           | MIT  |          | CCW      | 9      | RBK-11       | B-7     |          |
| YS-3    | ALL            | XV 250 ROUTE 66             | MIT  |          | CCW      | 9      | RBK-11       | B-7     |          |
| YS-4    | 1980-82        | SR 250                      | ND   | 3Y6      | CW       | 31     | RBK-36       | B-4     | ND-R     |
| YS-5    | 1976-81        | XS 360/400                  | MIT  | SM-223B  | CCW      | 31     | RBK-21       | B-3     |          |
| YS-6    | UP TO 1981     | XS 400 (4 BRUSH)            | MIT  | SM-8205  | CCW      | 31     | RBK-24       | B-1     | SM-8     |
| YS-7    | 1982-83        | XS 400 MAXIM/SECA           | MIT  | SM-7     | CW       | 9      | RBK-10       | B-8     |          |
| YS-8    | 1988-90        | FZR 400                     | MIT  | SM-7     | CCW      | 9      | RBK-10       | B-8     |          |
| YS-9    | 1983-UP        | XV 500-535                  | MIT  | SM-8219  | CW       | 9      | RBK-37       | B-1     | SM-8     |
| YS-9A   | 1998-UP        | XVS 650 V-STAR              | MIT  | SM-13    | CW       | 9      | RBK-15       | B-2     | SM-13R   |
| YS-10   | 1975-78        | XS 500                      | MIT  | SM-224Y  | CCW      | Sq.    | RBK-28       | B-5     |          |
| YS-11   | 1982-83        | XZ 550 VISION               | MIT  | SM-8209  | CCW      | 31     | RBK-38       | B-2     | RH       |
| YS-12   | 1981-UP        | XJ 550 MAXIM, FZ 600 FJ/YX  | MIT  | SM-8204  | CW       | 31     | RBK-26       | B-1     | SM-8     |
| YS-13   | 1989-UP        | FZR 600                     | MIT  | SM-13    | CCW      | 9      | RBK-2        | B-2     | LH       |
| YS-14   | 1974-UP        | XS 650                      | HIT  | S-108-35 | CCW      | 7      |              |         |          |
| YS-15   | 1980-UP        | XJ 650/700/900              | ND   | 4H7      | CW       | 31     | RBK-36       | B-4     | ND-R     |
| YS-16   | 1977-81        | XS 750/850                  | MIT  | SM-2240  | CW       | 31     | RBK-33       | B-5     | GL       |
| YS-17   | 1981-85        | XV 700/750/920 SHRT.SHFT.   | MIT  | SM-2241  | CW       | 31     | RBK-39       | B-5     | VIR      |
| YS-18   | 1984-85        | XV 1000 (LNG.SHFT./2 BRUSH) | MIT  | SM-2241  | CW       | 31     | RBK-39       | B-5     | VIR      |
| YS-18   | 1986-UP        | XV 1100 (LNG.SHFT./2 BRUSH) | MIT  | SM-2241  | CW       | 31     | RBK-39       | B-5     | VIR      |
| YS-18   | 1986-87        | XV 700 (LNG.SHFT./2 BRUSH)  | MIT  | SM-2241  | CW       | 31     | RBK-39       | B-5     | VIR      |
| YS-18   | 1988-UP        | XV 750 (LNG.SHFT./2 BRUSH)  | MIT  | SM-2241  | CW       | 31     | RBK-39       | B-5     | VIR      |
| YS-19   | 1984-85        | XV 1000 (LNG.SHFT./4 BRUSH) | MIT  | SM-13    | CW       | 31     |              | B-12    |          |
| YS-19   | 1986-UP        | XV 1100 (LNG.SHFT./4 BRUSH) | MIT  | SM-13    | CW       | 31     |              | B-12    |          |
| YS-19   | 1986-87        | XV 700 (LNG.SHFT./4 BRUSH)  | MIT  | SM-13    | CW       | 31     |              | B-12    |          |
| YS-19   | 1988-UP        | XV 750 (LNG.SHFT./4 BRUSH)  | MIT  | SM-13    | CW       | 31     |              | B-12    |          |



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|                    | STARTER MOTORS |                           |      |         |          |        | REBUILD KITS | BRUSHES |        |
|--------------------|----------------|---------------------------|------|---------|----------|--------|--------------|---------|--------|
| PART #             | YEAR           | DESCRIPTION               | MFG. | ID#     | ROTATION | #TEETH | PART #       | SET     | HOLDER |
| YS-21              | 1986-88        | FZ 700/750, FZX 700 FASER | MIT  | SM-8    | CW       | 9      | RBK-40       | B-1     | SM-8   |
| YS-21              | 1987-88        | FZR 750/1000              | MIT  | SM-8    | CW       | 9      | RBK-40       | B-1     | SM-8   |
| YS-22              | 1989-UP        | FZR 1000                  | MIT  | SM-13   | CW       | 9      | RBK-15       | B-2     | SM-13R |
| YS-22              | 1993-94        | GTS 1000                  | MIT  | SM-13   | CW       | 9      | RBK-15       | B-2     | SM-13R |
| YS-22              | 1994-97        | YZF 750                   | MIT  | SM-13   | CW       | 9      | RBK-15       | B-2     | SM-13R |
| YS-22              | 1997           | YZF 1000                  | MIT  | SM-13   | CW       | 9      | RBK-15       | B-2     | SM-13R |
| YS-23              | 1983-UP        | VENTURE ROYALE            | MIT  | SM-229C | CW       | 9      | RBK-41       | B-5     | GL     |
| YS-24              | 1985-UP        | V-MAX                     | MIT  | SM-229C | CW       | 9      | RBK-41       | B-5     | GL     |
| YS-25              | 1978-UP        | XS 1100                   | MIT  | SM-22F  | CCW      | 31     | RBK-28       | B-5     |        |
| YS-26              | 1984-UP        | FJ 1100/1200 (2 BRUSH)    | MIT  | SM-229D | CW       | 9      | RBK-41       | B-5     | GL     |
| YS-27              | 1984-UP        | FJ 1100/1200 (4 BRUSH)    | MIT  | SM-13   | CW       | 9      | RBK-42       | B-2     | SM-13  |
| YS-28              | 1985-UP        | RIVA 125                  | MIT  |         | CCW      | 9      | RBK-9        | B-7     |        |
| YS-29              | 1983-UP        | RIVA 180/200              | MIT  | SM-7    | CCW      | 9      |              |         |        |
| YS-30              | 1992-98        | XJ 600 SECA II            | MIT  | SM-13   | CW       | 9      | RBK-3        | B-2     | SM-13R |
| YS-31              | 1999-UP        | XV 1600 ROADSTAR          | MIT  | SM-13   | CW       | 22     | RBK-29       | B-12    | SM-13  |
| YS-32              | 1999-UP        | YZF R6                    | MIT  | SM-14   | CCW      | 9      | RBK-23       | B-11    | SM-14L |
| YS-33              | 1987-88        | BW 350                    | ND   | 2JN     | CW       | 9      | RBK-36       | B-4     | ND-R   |
| YS-34              | 1999-UP        | V-STAR                    | MIT  | SM-13   | CW       | 31     |              |         |        |
| YS-35              | 1998-UP        | R-1 1000                  |      | 5JJ     | CCW      | 9      |              |         |        |
| YS-36              | 1990-95        | XT-600                    | MIT  | SM-13   | CW       | 22-12  | RBK-29       | B-12    | SM-13R |
| <b>WATERCRAFT:</b> |                |                           |      |         |          |        |              |         |        |
| <b>KAWASAKI:</b>   |                |                           |      |         |          |        |              |         |        |
| WK-1               |                | JS 300/SX 300             | MIT  | SM-8    | CCW      | 10     | RBK-1        | B-1     | SM-8   |
| WK-2               |                | JS 440/550                | HIT  | S-108   | CCW      | 9      | RBK-50       | B-14    | SM-8   |
| WK-3               |                | JS 650/750                | MIT  | SM-8    | CW       | 9      | RBK-1        | B-1     | SM-8   |
| WK-4               |                | JS 650/750/900/1100       | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |
| WK-5               | 1999-2002      | ULTRA 150                 | ND   |         | CW       | 10     |              |         |        |
| <b>YAMAHA:</b>     |                |                           |      |         |          |        |              |         |        |
| WY-1               |                | WR/WJ 500                 | HIT  | S-108   | CW       | 11     | RBK-50       |         |        |
| WY-2               |                | 650/701/760               | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |
| WY-3               |                | 1100 1200                 | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |
| <b>POLARIS:</b>    |                |                           |      |         |          |        |              |         |        |
| WP-1               |                | POLARIS                   | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |
| <b>TIGERSHARK:</b> |                |                           |      |         |          |        |              |         |        |
| WT-1               |                | TIGERSHARK                | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |
| <b>SEADOO:</b>     |                |                           |      |         |          |        |              |         |        |
| WS-1               | 1989-94        | 580/91-94 650             | ND   |         | CCW      | 9      | RBK-45       | B-4     | ND-S   |
| WS-2               | 1995-96        | 580/650/ 95+ ALL 720'S    | ND   |         | CCW      | 9      | RBK-45       | B-4     | ND-S   |
| WS-3               |                | /800                      | ND   |         | CCW      | 9      | RBK-46       | B-4     | ND-S   |
| WS-4               | 1997-98        | GSX/GTX/XT/LTD            | MIT  | SM-13   | CW       | 9      | RBK-29       | B-12    | SM-13  |



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|-----------------|----------------------------------|-----------------------|------|-----|----------|--------|--------------|---------|---------|
| PART #          | YEAR                             | DESCRIPTION           | MFG. | ID# | ROTATION | #TEETH | PART #       | SET     | HOLDER- |
| STARTER DRIVES: |                                  |                       |      |     |          |        |              |         |         |
| WD-1            | KAW                              | JS 440/550 OEM STYLE  |      |     |          | 9      |              |         |         |
| WD-2            | KAW                              | JS 440/550 GOKI STYLE |      |     |          | 9      |              |         |         |
| WD-3            | YAM                              | 500 WR                |      |     |          | 11     |              |         |         |
| WD-4            | SEADOO                           | ALL ND STYLES         |      |     |          | 9      |              |         |         |
| WD-5            | KAW/YAM/POL/SEA W/REDUCTION GEAR |                       |      |     |          | 19/55  |              |         |         |