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AERMACCHI**125 -175 CCM**

SX		12	7	507 012 004 A51 4	12N7-3B YB7L-B
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APRILLA**50 CCM**

Sportcity One	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
SX 50	06 →	12	4	504 011 002 A51 4	YB4L-B
AF 1-50	87 – 94	12	4	504 011 002 A51 4	YB4L-B
Amico 50	92 – 97	12	4	504 011 002 A51 4	YB4L-B
Area 51	98 – 03	12	4	504 011 002 A51 4	YB4L-B
Classic 50	→ 97	12	4	504 011 002 A51 4	YB4L-B
ET		12	4	504 011 002 A51 4	YB4L-B
Europa 50	92 – 94	12	4	504 011 002 A51 4	YB4L-B
Gulliver 50	95 – 96	12	4	504 011 002 A51 4	YB4L-B
H2O	00 →	12	4	504 011 002 A51 4	YB4L-B
Habana 50	99 – 02	12	4	504 011 002 A51 4	YB4L-B
Rally 50	95 – 01	12	4	504 011 002 A51 4	YB4L-B
RS 50	97 – 09	12	4	504 011 002 A51 4	YB4L-B
RX 50	97 – 08	12	4	504 011 002 A51 4	YB4L-B
Scarabeo 50	94 – 97	12	4	504 011 002 A51 4	YB4L-B
Scarabeo Diech	02 →	12	4	504 012 003 A51 4	YT5L-BS
SR 50	94 – 05	12	4	504 011 002 A51 4	YB4L-B
SR 50 DITECH	01 – 05	12	4	504 012 003 A51 4	YT5L-BS

100 CCM

Scarabeo ST 100	09 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Scarabeo 100 2T	00 – 00	12	4	504 012 003 A51 4	YT5L-BS

125 CCM

Mojito	08 →	12	6	506 014 005 A51 4	YTX7L-BS
RX 125	89 – 98	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
RX 125	08 →	12	4	504 011 002 A51 4	YB4L-B
Scarabeo 125 Light	07 →	12	10	510 012 009 A51 4	YTX12-BS
Sportcity Cube	08 →	12	10	510 012 009 A51 4	YTX12-BS
Sportcity One	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
AF1-125	91 – 94	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
AF1 125 Replica	92 →	12	6	506 011 004 A51 4	12N5,5-3B
AF1 Project 108/ Replica	94 – 94	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
AS 125 R		12	6	506 011 004 A51 4	12N5,5-3B
Atlantic		12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Classic 125	97 – 03	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
ETX 125 (E-Start)	98 – 03	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
ETX 125 (K-Start)	98 – 03	12	6	506 011 004 A51 4	12N5,5-3B
Habana 125	99 – 02	12	8	508 012 008 A51 4	YTX9-BS
Leonardo 125 (16kW)	96 – 05	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Pegaso 125	92 – 95	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Rally 125		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Red Rose 125	89 – 94	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
RS 125	93 – 09	12	9	509 014 008 A51 4	12N9-4B-1



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APRILLA					
125 CCM					
Scarabeo 125 Light	99 – 03	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
SR 125	99 – 04	12	6	506 014 005 A51 4	YTX7L-BS
150 CCM					
Mojito 150	09 →	12	6	506 014 005 A51 4	YTX7L-BS
Leonardo 150	98 →	12	8	508 012 008 A51 4	YTX9-BS
Scarabeo 150	99 – 03	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
SR 150	99 – 04	12	6	506 014 005 A51 4	YTX7L-BS
200 CCM					
Scarabeo 200	09 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Scarabeo 200 Light	07 →	12	10	510 012 009 A51 4	YTX12-BS
Scarabeo 200 Cube	08 →	12	10	510 012 009 A51 4	YTX12-BS
Atlantic	06 – 08	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
ETX 250 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Leonardo	99 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Scarabeo	00 – 08	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
250 CCM					
Scarabeo 250 Light	06 →	12	10	510 012 009 A51 4	YTX12-BS
Sportcity 250	06 – 08	12	12	512 901 019 A51 4	YTX12-BS
ETX 250 (E-Start)		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Leonardo 250	99 – 08	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
RS 250 (41 kW)	00 – 03	12	4	504 011 002 A51 4	YB4L-B
300 CCM					
Sportcity Cube 300	08 →	12	10	510 012 009 A51 4	YTX12-BS
350 CCM					
ETX (E-Start)		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ETX (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Tuareg Wind (23 kW)	86 – 93	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
400 CCM					
Atlantic Sprint 500	05 →	12	10	510 012 009 A51 4	YTX12-BS
Scarabeo 400 Light	06 →	12	10	510 012 009 A51 4	YTX12-BS
450 CCM					
RXV 450 Enduro	06 – 09	12	6	506 015 005 A51 4	YTX7A-BS
500 CCM					
Scarabeo 500	09 →	12	10	510 012 009 A51 4	YTX12-BS
Scarabeo 500 Light	06 →	12	10	510 012 009 A51 4	YTX12-BS
Atlantic 500 (29 kW)	02 →	12	14	514 013 014 A51 4	YB14L-B2
550 CCM					
RXV 550 Enduro	06 – 09	12	6	506 015 005 A51 4	YTX7A-BS
600 CCM					
Tuareg	88 – 94	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ETX 600 (E-Start)		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ETX 600 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Pegaso 600	88 – 93	12	14	514 011 014 A51 4	12N14-3A YB14L-A2



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APRILLA					
650 CCM					
Pegaso 650	05 – 08	12	10	510 012 009 A51 4	YTX12-BS
Pegaso 650 TRAIL	06 – 07	12	10	510 012 009 A51 4	YTX12-BS
ETX 650 (E-Start)		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ETX 650 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Moto 6,5	95 – 03	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Pegaso 650	92 – 03	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
Stark	00 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
750CCM					
Dorsoduro 750	08 →	12	12	512 014 010 A51 4	YTX14-BS
850 CCM					
Mana	08 →	12	12	512 014 010 A51 4	YTX14-BS
1000 CCM					
TUONO 1000R	02 – 07	12	10	510 012 009 A51 4	YTX12-BS
ETV 1000 Caponord	02 – 05	12	12	512 014 010 A51 4	YTX14-BS
RST Mille Futura	01 – 03	12	10	510 012 009 A51 4	YTX12-BS
RSV 1000 Tuono R Factory	03 – 08	12	10	510 012 009 A51 4	YTX12-BS
RSV Mille	99 – 04	12	12	512 014 010 A51 4	YTX14-BS
RSV Mille R	00 – 08	12	10	510 012 009 A51 4	YTX12-BS
RSV Mille SP	99 →	12	10	510 012 009 A51 4	YTX12-BS






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BENELLI			V	Ah	Code Varta	Code JIS
50 – 80 CCM						
Quattronovex	08 →	12	4	504 011 002 A51 4	YB4L-B	
491 Racing	97 – 98	12	4	504 011 002 A51 4	YB4L-B	
Devil	94 – 96	12	4	504 011 002 A51 4	YB4L-B	
K2 50	02 – 04	12	4	504 011 002 A51 4	YB4L-B	
KBX	94 →	12	4	504 011 002 A51 4	YB4L-B	
Pepe	00 – 00	12	4	504 011 002 A51 4	YB4L-B	
Spring 50	94 – 96	12	4	504 011 002 A51 4	YB4L-B	
100 CCM						
Pepe Lx 100	97 – 08	12	3	503 014 003 A51 4	YT4L-BS	
K2 -100	02 – 04	12	5	505 012 003 A51 4	12N5-3B YB5L-B	
125 – 150 CCM						
125 CS		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B	
125 Scooter		12	9	509 015 008 A51 4	12N9-3B YB9L-B	
Adiva	00 – 00	12	12	512 014 010 A51 4	YTX14-BS	
Velvet	00 – 00	12	8	508 012 008 A51 4	YTX9-BS	
250 CCM						
Velvet 250	02 – 04	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A	
500 CCM						
SS	00 – 00	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A	
650 CCM						
650 Tornado U.T.		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A	
654 CCM						
Tornado 654		12	14	512 011 014 A51 4	12N14-3A YB14L-A2	
750 CCM						
Sei 750	00 – 00	12	14	514 011 014 A51 4	12N14-3A YB14L-A2	
SS 750	00 – 00	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A	
900 CCM						
TNT 899	08 →	12	11	511 902 023 A51 4	YTZ14S-BS	
1130 CCM						
TnT 1130 Café Racer (101 kW)	04 – 08	12	12	512 014 010 A51 4	YTX14-BS	
TnT 1130 Sport (101 kW)		12	12	512 014 010 A51 4	YTX14-BS	
TnT 1130 Titanium	06 – 07	12	11	511 902 023 A51 4	YTZ14S-BS	
Tornado Tre 1130	05 – 08	12	11	511 901 014 A51 4	YT12A-BS	
Trek 1130	07 – 09	12	11	511 902 023 A51 4	YTZ14S-BS	

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BETAMOTOR					
50 CCM					
Adventure		12	4	504 011 002 A51 4	YB4L-B
ARK 50AC/LC	97 – 09	12	4	504 011 002 A51 4	YB4L-B
Chrono	95 →	12	4	504 011 002 A51 4	YB4L-B
Eikon 50	00 – 00	12	4	504 011 002 A51 4	YB4L-B
Eikon 50	01 →	12	8	508 012 008 A51 4	YTX9-BS
Quadra 50	97 – 05	12	4	504 011 002 A51 4	YB4L-B
Tempo 50	97 – 98	12	4	504 011 002 A51 4	YB4L-B
125 CCM					
Alp 4T 125	99 – 08	12	4	504 012 003 A51 4	YTX5L-BS
Eikon 125	00 →	12	8	508 012 008 A51 4	YTX9-BS
RR 125	05 – 09	12	4	504 012 003 A51 4	YTX5L-BS
Urban 125	08 – 08	12	4	504 012 003 A51 4	YTX5L-BS
200 CCM					
Alp 4T 200 (11 kW)	99 – 08	12	4	504 012 003 A51 4	YTX5L-BS
Urban 200	08 →	12	4	504 012 003 A51 4	YTX5L-BS
350 CCM					
Euro 350 (22 kW)		12	8	508 012 008 A51 4	YTX9-BS
600 CCM					
YB9 600	00 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
750 CCM					
SB3 750	00 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
900 CCM					
HS2900	00 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
1000 CCM					
YB10 Dieci 1000	00 →	12	12	512 014 010 A51 4	YTX14-BS
YB6 1000		12	14	514 011 014 A51 4	12N14-3A YB14L-A2



BIMOTA					
125 CCM					
YB9 600		12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
750 CCM					
SB3 750		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
900 CCM					
HS2 900		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
1000 CCM					
DB 5	05 – 08	12	12	512 901 019 A51 4	YT12B-BS
Gobert 1000		12	14	514 011 014 A51 4	12N14-3A YB14L-A2



 		V	Ah	Code Varta	Code JIS
BMW					
125 – 200 CCM					
C1	00 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
600 CCM					
R60S	00 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
650 CCM					
F 650 CS	98 – 04	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
F 650 GS	01 – 07	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
F650 GS	08 →	12	12	512 014 010 A51 4	YTX14-BS
F650, S	93 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
R65 G/S	87 – 92	12	19	519 901 017 A51 2	
750 CCM					
R75-6	00 →	12	30	530 030 030 A51 4	53030
800 CCM					
F 800 GS	08 →	12	12	512 014 010 A51 4	YTX14-BS
F 800 S	06 – 07	12	12	512 014 010 A51 4	YTX14-BS
F 800 ST	06 – 07	12	12	512 014 010 A51 4	YTX14-BS
R80ET	00 →	12	30	530 030 030 A51 4	53030
R 80/N	81 →	12	30	530 030 030 A51 4	53030
R 80 R	93 – 96	12	19	519 901 017 A51 2	
R 80 ST	82 – 90	12	19	519 901 017 A51 2	
850 CCM					
R 850		12	19	519 901 017 A51 2	
1000 CCM					
K 1	89 – 94	12	19	519 901 017 A51 2	
K 100	83 – 96	12	19	519 901 017 A51 2	
R 100	76 – 96	12	25	525 015 022 A51 4	Y60-N24L-A
1100 CCM					
R 1100 S (72 kW)		12	19	519 901 017 A51 2	
K 1100 LT	91 – 99	12	19	519 901 017 A51 2	
K 1100RS	92 – 96	12	19	519 901 017 A51 2	
R1100 (59 kW)	94 →	12	19	519 901 017 A51 2	
R 1100 R	94 – 00	12	19	519 901 017 A51 2	
1150 CCM					
R1150 GS Basic (62 kW)	99 →	12	18	518 014 015 A51 4	
R1150 (63 kW)	99 →	12	19	519 901 017 A51 2	
1200 CCM					
HP 2	06 – 09	12	12	512 014 010 A51 4	YTX14-BS
K 1200 LT	00 →	12	19	519 901 017 A51 2	
K 1200 R (118 kW)	06 →	12	12	512 014 010 A51 4	YTX14-BS
K 1200 S (123 kW)		12	12	512 014 010 A51 4	YTX14-BS
R 1200 HP2 Sport	08 →	12	12	512 014 010 A51 4	YTX14-BS
K 1200 (96 kW)	97 →	12	19	519 901 017 A51 2	
R 1200 C Classic (45 kW)	02 →	12	19	519 013 017 A51 4	51913
R 1200 GS (72 kW)	04 →	12	13	512 014 010 A51 4	YTX14-BS

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BSA					
750 CCM					
Rocket 750		12	9	509 015 008 A51 4	12N9-3B YB9L-B

BSV					
50 CCM					
GP Dio		12	3	503 014 003 A51 4	YT4L-BS
ZX	94 – 95	12	3	503 014 003 A51 4	YT4L-BS



BUELL					
500 CCM					
Blast	00 – 03	12	12	512 014 010 A51 4	YTX14-BS
984 CCM					
XB9R Firebolt	02 – 05	12	12	512 014 010 A51 4	YTX14-BS
XB9SX Lightning CityX (62 kW)	02 – 06	12	12	512 014 010 A51 4	YTX14-BS
1200 CCM					
Firebolt XB12R (75 kW)	04 – 08	12	12	512 014 010 A51 4	YTX14-BS
XB 12 S CG Lightning	06 – 07	12	12	512 014 010 A51 4	YTX14-BS
XB12X Ulysses	05 – 09	12	12	512 014 010 A51 4	YTX14-BS
M2 Cyclone	97 – 00	12	18	518 901 026 A51 4	YTX20L-BS
S3, S3T, Thunderbolt	97 – 02	12	18	518 901 026 A51 4	YTX20L-BS



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CAGIVA					
50 CCM					
City, Lucky, Explorer	94 – 97	12	3	503 014 003 A51 4	YT4L-BS
Cucciolo, Mito 50	98 – 98	12	4	504 011 002 A51 4	YB4L-B
K3 / W4	91 – 98	12	4	504 011 002 A51 4	YB4L-B
Prima 50	92 – 96	12	5	505 012 003 A51 4	12N5,5-3B YB5L-B
125 CCM					
Mito Sp125	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Raptor 125	03 – 08	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 Blues		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
125 Freccia C12R		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 K7		12	4	504 011 002 A51 4	YB4L-B
125 Mito	90 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 Racing	91 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Planet 125	98 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Roadster 125	94 – 00	12	8	508 012 008 A51 4	YTX9-BS
SM 125	→ 00	12	4	504 012 003 A51 4	YTX5L-BS
Supercity 125	91 – 00	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
SXT		12	6	506 011 004 A51 4	12N5,5-3B
200 CCM					
200 Roadster	95 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
250 CCM					
EGS 250		12	7	507 012 004 A51 4	12N7-38 YB7L-B
350 CCM					
Elefant 350	91 →	12	14	514 011 014 A51 4	12N14-3A YB7L-B
SST 350		12	7	517 012 004 A51 4	12N7-3B YB7L-B
T4R	87 →	12	3	503 012 001 A51 4	YB3L-A
W12 350	93 – 93	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
400 CCM					
EGS 400		12	7	507 012 004 A51 4	12N7-3B
500 CCM					
River 500	99 – 00	12	12	512 014 010 A51 4	YTX14-BS
T4E Elefant	88 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
600 CCM					
600 W 16	94 – 96	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
River 300	94 – 99	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
650 CCM					
Elefant 650	89 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Raptor 650	00 – 02	12	10	510 012 009 A51 4	YTX12-BS
750 CCM					
Elefant 750	94 – 97	12	19	519 012 019 A51 4	YB16-B
Elefant 750 Bifaro	89 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2




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CAGIVA					
900 CCM					
Elefan 900	93 – 97	12	19	519 012 019 A51 4	YB16-B
Gran Canyon	98 -00	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
1000 CCM					
V-Raptor 1000	00 – 05	12	12	512 901 019 A51 4	YT12B-BS
Gran Canyon		12	12	512 014 010 A51 4	YTX14-BS
Navigator 1000 (73 kW)	00 – 02	12	19	519 012 019 A51 4	YB16-B
Raptor 1000 (83 kW)	00 – 05	12	10	510 012 009 A51 4	YTX12-BS

DAELIM					
50 CCM					
Cordi 50	06 – 08	12	3	503 014 003 A51 4	YT4L-BS
E-Five / S- Five	02 – 08	12	3	503 014 003 A51 4	YT4L-BS
Message	98 – 08	12	3	503 014 003 A51 4	YT4L-BS
125 CCM					
Otello 125	98 – 08	12	6	506 015 005 A51 4	YTX7A-BS
VT 125 Evolution	01 – 08	12	6	506 015 005 A51 4	YTX7A-BS
NS125	97 →	12	6	506 015 005 A51 4	YTX7A-BS
VC 125 Advance	96 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
VS 125 Evolution	97 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B

DERBI					
50 CCM					
Aventura	96 – 97	12	4	504 011 002 A51 4	YB4L-B
Easy 50	97 →	12	4	504 011 002 A51 4	YB4L-B
Fenix	94 →	12	4	504 011 002 A51 4	YB4L-B
Furax	96 →	12	4	504 011 002 A51 4	YB4L-B
Senda-L, Senda-R	95 – 05	12	4	504 011 002 A51 4	YB4L-B
Vamos	93 →	12	4	504 011 002 A51 4	YB4L-B
100 CCM					
Atlantis 100		12	8	508 012 008 A51 4	YTX9-BS
125 – 150 CCM					
GPR R 125	04 →	12	4	504 011 002 A51 4	YB4L-B
Rambla 125	08 →	12	10	510 012 009 A51 4	YTX12-BS
250 CCM					
Rambla 250	08 →	12	10	510 012 009 A51 4	YTX12-BS



		V	Ah	Code Varta	Code JIS
DUCATI					
350 CCM					
350 Alazzurra	87 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
350 GTL, GTV Sport	79 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
Indiana		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Pantah	82 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
400 CCM					
Alazzurra, F3	87 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
SS Supersport	91 – 94	12	16	516 016 012 A51 4	YB16AL-A2
500 CCM					
Pantah		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
600 CCM					
600 Monster	94 – 99	12	16	516 016 012 A51 4	YB16AL-A2
600 Police		12	16	516 016 012 A51 4	YB16AL-A2
620 CCM					
620 DS	06 – 06	12	12	512 901 019 A51 4	YT12B-BS
620 i.e Sport	03 – 08	12	12	512 901 019 A51 4	YT12B-BS
Multistrada 620 (46 kW)		12	12	512 901 019 A51 4	YT12B-BS
Monster 620 (46 kW)	02 – 03	12	12	512 901 019 A51 4	YT12B-BS
650 CCM					
650 Alazzurra		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
695 CCM					
695 M	07 – 07	12	12	512 901 019 A51 4	YB16AL-A2
Monster	06 →	12	12	512 901 019 A51 4	YB16AL-A2
748 CCM					
all models	04 – 08	12	12	512 901 019 A51 4	YT12B-BS
750 CCM					
750 Desmoimola		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
750 GT (E-Start)		12	25 30	525 015 022 A51 4 530 030 030 A51 4	Y60-N24L-A 53030
750 Sport	90 →	12	16	516 016 012 A51 4	YB16AL-A2
750 Supersport	90 – 02	12	16	516 016 012 A51 4	YB16AL-A2
Indiana		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Monster	97 – 00	12	16	516 016 012 A51 4	YB16AL-A2
Montijuich	87 – 90	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Paso	87 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
800 CCM					
all models	03 – 08	12	12	512 901 019 A51 4	YT12B-BS
848 CCM					
848	08 →	12	12	512 901 019 A51 4	YT12B-BS
851 CCM					
851	90 →	12	16	516 016 012 A51 4	YB16AL-A2
851 Superbike	89 – 90	12	16	516 015 016 A51 4	YB16B-A YB16B-A1
860 CCM					
860 Supersport		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
888 CCM					
888	90 →	12	16	516 016 012 A51 4	YB16AL-A2

		V	Ah	Code Varta	Code JIS
DUCATI					
900 CCM					
900 Monster	94 – 00	12	16	516 016 012 A51 4	YB16AL-A2
900 Police	95 →	12	16	516 016 012 A51 4	YB16AL-A2
900 SL	92 – 98	12	16	516 016 012 A51 4	YB16AL-A2
900 Sport	00 – 00	12	12	512 901 019 A51 4	YT12B-BS
900 SS	89 →	12	16	516 016 012 A51 4	YB16AL-A2
900 SS Darmah, Desmo		12	25	525 015 022 A51 4	Y60-N24L-A
		12	30	530 030 030 A51 4	53030
900 Superlight Desmodue	93 – 96	12	16	516 016 012 A51 4	YB16AL-A2
900 Supersport	90 – 98	12	16	516 016 012 A51 4	YB16AL-A2
906 CCM					
906 Paso	89 – 94	12	19	519 012 019 A51 4	YB16-B
907 CCM					
907 I.E. Paso	91 – 94	12	19	519 012 019 A51 4	YB16-B
916 CCM					
916	94 →	12	16	516 016 012 A51 4	YB16AL-A2
944 CCM					
Support Touring 2	97 – 00	12	16	516 016 012 A51 4	YB16AL-A2
992 CCM					
ST3 (79 kW)	06 – 08	12	12	512 901 019 A51 4	YT12B-BS
Support Touring 3		12	12	512 901 019 A51 4	YT12B-BS
996 CCM					
Monster S4R (86 kW)		12	12	512 901 019 A51 4	YT12B-BS
Monster / ST	06 – 08	12	12	512 901 019 A51 4	YT12B-BS
Biposto / SPS	99 – 00	12	16	516 016 012 A51 4	YB16AL-A2
998 CCM					
998 Final Edition	04 – 06	12	12	512 901 019 A51 4	YT12B-BS
998 Matrix	04 – 08	12	12	512 901 019 A51 4	YT12B-BS
998 M S4R S	06 – 09	12	12	512 901 019 A51 4	YT12B-BS
999 CCM					
999 Biposto	03 – 06	12	12	512 901 019 A51 4	YT12B-BS
999 Monoposto	03 – 05	12	12	512 901 019 A51 4	YT12B-BS
999 R	04 – 06	12	12	512 901 019 A51 4	YT12B-BS
999 R Xerox	06 – 06	12	12	512 901 019 A51 4	YT12B-BS
1000 CCM					
1000 M S2R	06 →	12	12	512 901 019 A51 4	YT12B-BS
1000 Paul Smart Le	06 – 06	12	12	512 901 019 A51 4	YT12B-BS
1000 Sport	06 – 07	12	12	512 901 019 A51 4	YT12B-BS
1000 Sport S	07 – 08	12	12	512 901 019 A51 4	YT12B-BS
Desmosedici RR	07 →	12	12	512 901 019 A51 4	YT12B-BS
Monster S (69kW)	03 – 08	12	12	512 901 019 A51 4	YT12B-BS
Multistrada	03 – 03	12	12	512 901 019 A51 4	YT12B-BS
1098 CCM					
1098/S	06 – 07	12	12	512 901 019 A51 4	YT12B-BS
1100 CCM					
1100 MS S	07 – 07	12	12	512 901 019 A51 4	YT12B-BS
1100/S	07 – 08	12	12	512 901 019 A51 4	YT12B-BS
Hypermotard 1100/S	07 – 08	12	12	512 901 019 A51 4	YT12B-BS

 		V	Ah	Code Varta	Code JIS
FANTIC					
50 – 80 CCM					
Grinta	95 – 96	12	3	503 014 003 A51 4	YT4L-BS
Koala	93 – 97	12	4	504 011 002 A51 4	YB4L-B
Leader	95 – 95	12	3	503 014 003 A51 4	YT4L-BS
Oasis		12	4	504 011 002 A51 4	YB4L-B
50 – 80 CCM					
Raider LC		12	3	503 012 001 A51 4	YB3L-A

GARELLI					
50 CCM					
Big Whell – Grinta	96 →	12	4	504 011 002 A51 4	YB4L-B
Noi	85 – 92	12	4	504 011 002 A51 4	YB4L-B
Pony / SR	95 →	12	4	504 011 002 A51 4	YB4L-B
Sahel	91 →	12	4	504 011 002 A51 4	YB4L-B
Vip	06 – 06	12	6	506 014 005 A51 4	YTX7L-BS
XLE Tiger	86 →	12	4	504 011 002 A51 4	YB4L-B
125 CCM					
Tiger	07 – 07	12	6	506 014 005 A51 4	YTX7L-BS
XR Tiger	86 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
150 CCM					
King	07 – 07	12	6	506 014 005 A51 4	YTX7L-BS

HARLEY DAVIDSON					
500 CCM					
MT 500 Military		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
883 CCM					
XLH 883 Low	06 – 09	12	12	512 014 010 A51 4	YTX14-BS
XLH 883 R	06 – 08	12	12	512 014 010 A51 4	YTX14-BS
XL (E-Start)	97 – 02	12	18	518 901 026 A51 4	YTX20L-BS
1000 CCM					
VR 1000	95 – 08	12	12	512 014 010 A51 4	YTX14-BS
1100 CCM					
V-Rod	02 – 08	12	12	512 014 010 A51 4	YTX14-BS
XL-1100	87 – 93	12	19	519 012 019 A51 4	YB16-B
1130 CCM					
VRCS-D 1130	06 →	12	12	512 014 010 A51 4	YTX14-BS
VRCS-R 1130	06 – 08	12	12	512 014 010 A51 4	YTX14-BS
1200 CCM					
XLH 1200	86 – 96	12	19	519 012 019 A51 4	YB16-B
XLH 1200	97 – 99	12	18	518 901 026 A51 4	YTX20L-BS
XLH 1200 Low	06 – 07	12	12	512 014 010 A51 4	YTX14-BS
XL 1200	87 – 97	12	19	519 012 019 A51 4	YB16-B
XL 1200	97 – 02	12	18	518 901 026 A51 4	YTX20L-BS

		V	Ah	Code Varta	Code JIS
HARLEY DAVIDSON					
1340 CCM					
FLHR Road King	94 – 96	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A
FLHT Serie	80 – 96	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A
FLST Classic	93 →	12	19	519 011 019 A51 4	YB16L-B
FLST Series	84 – 90	12	19	519 012 019 A51 4	YB16-B
FLST Series	97 – 00	12	18	518 901 026 A51 4	YTX20L-BS
FXD Series	91 – 01	12	18	518 901 026 A51 4	YTX20L-BS
FXR Series	79 – 01	12	19	519 012 019 A51 4	YB16-B
FX Series	79 – 94	12	19	519 012 019 A51 4	YB16-B
FXST Series	91 – 00	12	18	518 901 026 A51 4	YTX20L-BS
FWST Softail		12	19	519 012 019 A51 4	YB16-B
1450 CCM					
FLST Series	00 – 03	12	18	518 901 026 A51 4	YTX20L-BS
FXD Series	99 – 06	12	18	518 901 026 A51 4	YTX20L-BS
1580 CCM					
FXD Series	07 – 09	12	18	518 901 026 A51 4	YTX20L-BS

HERCULES					
50 CCM					
Fox	93 – 93	12	5	505 012 003 A51 4	12N5,5-3B YB5L-B
Gipsy	95 – 95	12	4	504 011 002 A51 4	YB4L-B
KX5	93 – 97	12	4	504 011 002 A51 4	YB4L-B
Limbo	95 – 97	12	4	504 011 002 A51 4	YB4L-B
Reggage	96 – 97	12	4	504 011 002 A51 4	YB4L-B
Samba, Swing	94 – 97	12	4	504 011 002 A51 4	YB4L-B
Ultra		12	9	509 015 008 A51 4	12N9-3B YB9L-B
80 CCM					
RX 9		12	5	505 012 003 A51 4	12N5-3B YB5L-B
SR Samba	94 – 96	12	5	505 012 003 A51 4	12N5-3B YB5L-B
Ultra		12	9	509 015 008 A51 4	12N9-3B YB9L-B
125 CCM					
SR Samba	94 – 97	12	5	505 012 003 A51 4	12N5-3B YB5L-B
W 2000 Wankel		12	18	518 015 018 A51 4	YB18L-A



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HONDA

50 CCM

QR 50	98 – 98	12	3	503 903 004 A51 4	YTR4A-BS
SK 50	97 – 98	12	3	503 903 004 A51 4	YTR4A-BS
X8-R	99 →	12	3	503 903 004 A51 4	YTR4A-BS
ZX 50	94 →	12	3	503 903 004 A51 4	YTR4A-BS
AF29 (Vision)		12	3	503 014 003 A51 4	YT4L-BS
C50SW	94 →	12	4	504 011 002 A51 4	YB4L-B
CRM50	93 – 94	12	3	503 012 001 A51 4	YB3L-A
Dio50	93 – 94	12	3	503 014 003 A51 4	YT4L-BS
MB50SD	90 →	12	3	503 012 001 A51 4	YB3L-A
MTX50 FR, RS, S	85 – 89	12	3	503 012 001 A51 4	YB3L-A
NB50 Melody	84 →	12	4	504 011 002 A51 4	YB4L-B
ND50M	82 →	12	4	504 011 002 A51 4	YB4L-B
NH50 LEAD (Roller)	81 →	12	4	504 011 002 A51 4	YB4L-B
NH50MS	86 – 98	12	4	504 011 002 A51 4	YB4L-B
NP50, M Sky	→ 97	12	4	504 011 002 A51 4	YB4L-B
NS50F	90 – 99	12	3	503 012 001 A51 4	YB3L-A
NSR50, A, F	87 – 95	12	3	503 012 001 A51 4	YB3L-A
PK50	90 →	12	3	503 014 003 A51 4	YT4L-BS
PX50E	80 →	12	4	504 011 002 A51 4	YB4L-B
SA50 Elite SR (Roller)	92 – 96	12	3	503 014 003 A51 4	YT4L-BS
SA50LX	88 – 98	12	3	503 014 003 A51 4	YT4L-BS
SA50N	88 – 98	12	3	503 014 003 A51 4	YT4L-BS
SA50P EliteS (Roller)	95 – 96	12	3	503 014 003 A51 4	YT4L-BS
SB50 Elite50ES	87 – 90	12	3	503 014 003 A51 4	YT4L-BS
SC01	97 →	12	3	503 014 003 A51 4	YT4L-BS
SE50 Elite50ES	87 – 90	12	3	503 014 003 A51 4	YT4L-BS
SH50 Scoopy (Roller)		12	4	504 011 002 A51 4	YB4L-B
SK 50	92 – 94	12	3	503 014 003 A51 4	YT4L-BS
Sky Classic, Dax, DeLuxe, Vetro	99 →	12	3	503 014 003 A51 4	YT4L-BS
ST50 Dax	88 – 97	12	3	503 014 003 A51 4	YT4L-BS
ST50 Dax C, N	88 – 97	12	3	503 014 003 A51 4	YT4L-BS
ST50, J, K, L, M, R, T	88 – 96	12	3	503 014 003 A51 4	YT4L-BS
ZB J, P	88 →	12	3	503 014 003 A51 4	YT4L-BS

70 CCM

C70CMP	97 →	12	4	504 011 002 A51 4	YB4L-B
C70W	95 →	12	4	504 011 002 A51 4	YB4L-B
CT70 (Canada	91 – 94	12	3	503 014 003 A51 4	YT4L-BS
CT70 Trial	91 – 92	12	3	503 014 003 A51 4	YT4L-BS
ST70	89 – 94	12	3	503 014 003 A51 4	YT4L-BS

75 CCM

CRM75	89 – 94	12	3	503 012 001 A51 4	YB3L-A
MBX75FW	83 →	12	3	503 012 001 A51 4	YB3L-A
NSR75	92 – 94	12	3	503 012 001 A51 4	YB3L-A
SA75M	91 →	12	3	503 014 003 A51 4	YT4L-BS
Scoopy75	93 – 94	12	5	505 012 003 A51 4	12N5-3B YB5L-B
SH75	87 – 89	12	5	505 012 003 A51 4	12N5-3B YB5L-B

80 CCM

MBX80, 80 DX	80 →	12	3	503 012 001 A51 4	YB3L-A
MCX80S	83 →	12	3	503 012 001 A51 4	YB3L-A
MTX80 R(2), RS	87 →	12	3	503 012 001 A51 4	YB3L-A
NH80	83 – 94	12	5	505 012 003 A51 4	12N5-3B YB5L-B



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90 CCM

C90	82 – 93	12	5	505 012 003 A51 4	12N5-3B YB5L-B
C90CW	95 →	12	4	504 011 002 A51 4	YB4L-B
Lead90		12	3	503 014 003 A51 4	YT4L-BS
Shadow	99 →	12	3	503 014 003 A51 4	YT4L-BS
TH90T	96 →	12	3	503 014 003 A51 4	YT4L-BS

HONDA

100 CCM



C100 M	88 – 92	12 12	5	505 012 003 A51 4	12N5-3B YB5L-B
C100 MA, TH	87 →	12	3	503 014 003 A51 4	YT4L-BS
NF100, M	97 →	12	4	504 012 003 A51 4	YTX5L-BS
SH100	→ 00	12	4	504 012 003 A51 4	YTX5L-BS


110 CCM

LS110 TH	89 – 92	12	3	503 012 001 A51 4	YB3L-A
NT110 MV	97 →	12	4	504 011 002 A51 4	YB4L-B
NZ110 MM	93 →	12	4	504 011 002 A51 4	YB4L-B

125 CCM

Dylan		12	6	506 014 005 A51 4	YTX7L-BS
PES Psi	06 →	12	6	506 014 005 A51 4	YTX7L-BS
S-Wing	07 →	12	6	506 014 005 A51 4	YTX7L-BS
CA125 Rebell	95 – 97	12	6	506 014 005 A51 4	YTX7L-BS
CB125TD(C)	82 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CB125 T, T2	90 – 93	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CBX125 Custom		12	9	509 015 008 A51 4	12N9-3B YB3L-A
CG125	92 →	12	3	503 012 001 A51 4	YB3L-A
CH125 Elite125 (Roller)	84 →	12	9	509 015 008 A51 4	12N9-4B-1 YB9-B
CH125 Spacy	88 – 95	12	8	508 012 008 A51 4	YTX9-BS
CHA125T	96 →	12	8	508 012 008 A51 4	YTX9-BS
CityFly	98 →	12	4	504 012 003 A51 4	YTX5L-BS
CLR125	→ 99	12	4	504 012 003 A51 4	YTX5L-BS
CM125C(C)	82 – 94	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CRM125R	90 →	12	3	503 014 003 A51 4	YT4L-BS
MBX125F	85 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
MTX125 RW, RW TH	85 – 90	12	5	505 012 003 A51 4	12N5-3B YB5L-B
NES 125	→ 00	12	6	506 014 005 A51 4	YT7XL-BS
NS125 F, R, R2, R3		12	5	505 012 003 A51 4	12N5-3B YB5L-B
NSR125FII		12	4	504 012 003 A51 4	YTX5L-BS
NX125	88 →	12	6	506 014 005 A51 4	YT7XL-BS
NZ125	93 →	12	3	503 012 001 A51 4	YB3L-A
Shadow 125	99 →	12	6	506 014 005 A51 4	YT7XL-BS
Spacy125		12	9	509 901 020 A51 4	YTZ12S-BS
XL125R	85 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
XLR125R	98 →	12	6	506 015 005 A51 4	YTX7A-BS

		V	Ah	Code Varta	Code JIS
HONDA					
150 CCM					
PES Psi	06 →	12	6	506 014 005 A51 4	YTX7L-BS
S-Wing	07 →	12	6	506 014 005 A51 4	YTX7L-BS
CBX150S	88 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
NES150	→ 00	12	6	506 014 005 A51 4	YTX7A-BS
NSR150, R, R2	94 – 98	12	3	503 012 001 A51 4	YB3L-A
NX150	89 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
200 CCM					
CB200	75 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CB200B	81 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CBX200S	93 →	12	7	507 012 004 A51 4	12N7-3B YB9—B
VCL200 Scrambler	74 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CM200T	85 – 89	12	9 10	509 014 008 A51 4 510 012 009 A51 4	12N9-4B-1 YB9-B YTX12-BS
CT200	86 – 89	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
GLS200	94 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
TR200 Fat Cat	86 →	12	8	508 012 008 A51 4	YTX9-BS
TR200 Fat Cat	87 →	12	6	506 015 005 A51 4	YTX7A-BS
230 CCM					
CRF 230F	03 →	12	4	504 012 003 A51 4	YTX5L-BS
250 CCM					
Foresight 250	01 →	12	10	510 012 009 A51 4	YTX12-BS
Forza 250	01 →	12	9	509 901 020 A51 4	YTZ12S-BS
Jazz		12	9	509 901 020 A51 4	YTZ12S-BS
CA250	95 →	12	6	506 014 005 A51 4	YTX7L-BS
CB250	94 – 98	12	6	506 014 005 A51 4	YTX7L-BS
CB250K5	75 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CB250 Nighthawk	91 – 03	12	6	506 014 005 A51 4	YTX7L-BS
CB250T	79 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CBR250R, RR		12	6	506 014 005 A51 4	YTX7L-BS
CD250U	85 – 89	12 12	8 9	508 012 008 A51 4 509 014 008 A51 4	YTX9-BS 12N9-4B-1 YB9-B
CH250 Elite (Roller)	89 – 90	12	10	510 012 009 A51 4	YTX12-BS
CJ250T	77 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CM250C	82 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
CM250T		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CMX250C Rebel	96 – 03	12	6	506 014 005 A51 4	YTX7L-BS
CMX250C(T)Rebel	96 →	12	6	506 014 005 A51 4	YTX7L-BS
CN250 Helix	86 – 96	12	10	510 012 009 A51 4	YTX12-BS
FES250V Foresight	97 →	12	10	510 012 009 A51 4	YTX12-BS
Freeway 250		12	10	510 012 009 A51 4	YTX12-BS
NSR250RR/R2T	97 →	12	3	503 012 001 A51 4	YB3L-A
NX250	88 – 95	12	6	506 014 005 A51 4	YTX7L-BS
VT250, CS	→ 97	12	6	506 014 005 A51 4	YTX7L-BS

		V	Ah	Code Varta	Code JIS
HONDA					
250 CCM					
VTR250 Interceptor	88 – 90	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
VTZ250		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
XR250, L, R	91 – 96	12	3	503 014 003 A51 4	YT4L-BS
300 CCM					
SH i	07 →	12	9	509 901 020 A51 4	YTZ12S-BS
350 CCM					
CB350, F, G, K	73 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
400 CCM					
CB400 Super Four	01 →	12	8	508 901 015 A51 4	YTZ10S-BS
FJS SilverWing	06 →	12	9	509 901 020 A51 4	YTZ12S-BS
CB400F CB-1	89 – 90	12	8	508 012 008 A51 4	YTX9-BS
CB400T Hawk, Hawk II		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CBR400RRR	86 – 89	12	8	508 012 008 A51 4	YTX9-BS
CBR400RRR	92 – 94	12	6	506 014 005 A51 4	YTX7L-BS
NV400CC	95 →	12	8	508 012 008 A51 4	YTX9-BS
VFR400 R, R2 M	90 – 91	12	6	506 015 005 A51 4	YTX7A-BS
450 CCM					
CB450K (1-5)	85 – 89	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CB450N	85 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
CB450T Hawk	82 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
500 CCM					
CBF 500	04 – 08	12	8	508 901 015 A51 4	YTZ10S-BS
CB500, R, S, T	94 – 98	12	8	508 012 008 A51 4	YTX9-BS
CX500E(C)	82 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
CX500N		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
NX500 Dominator	91 – 92	12	8	508 012 008 A51 4	YTX9-BS
VF500 F, F2	85 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
XL500R	82 →	12	3	503 012 001 A51 4	YB3L-A
550 CCM					
CB550K(3)		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CB550SC Nighthawk	83 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
CBX550	82 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
600 CCM					
CBF600	98 – 06	12	6	506 014 005 A51 4	YTX7L-BS
CBF600	07 →	12	8	508 901 015 A51 4	YTZ10S-BS
CB F Hornet/S	→ 06	12	6	506 014 005 A51 4	YTX7L-BS
CB F Hornet/S	07 – 09	12	8	508 901 015 A51 4	YTZ10S-BS
CBR600 F4i	01 – 03	12	8	508 901 015 A51 4	YTZ10S-BS
CBR600F Homet	98 – 98	12	6	506 014 005 A51 4	YTX7L-BS
CBR600F Homet	01 →	12	8	509 901 020 A51 4	YTZ10S-BS
FJS 600	01 – 09	12	9	509 901 020 A51 4	YTZ12S-BS
CBR600 F2, F3	87 – 99	12	8	508 012 008 A51 4	YTX9-BS
CBR 600 F41	01 – 02	12	8	508 901 015 A51 4	YTZ10S-BS
CBR600F Hurricane 600	87 – 90	12	8	508 012 008 A51 4	YTX9-BS
CBX600E	83 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2

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HONDA					
600 CCM					
NTV600	89 – 91	12	8	508 012 008 A51 4	YTX9-BS
NV600C	89 – 94	12	8	508 012 008 A51 4	YTX9-BS
VT600	87 – 03	12	8	508 012 008 A51 4	YTX9-BS
XL600 LM, RM	85 – 91	12	14	514 012 014 A51 4	YB14-A2
650 CCM					
CB650, A, C, SC	80 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
CX 650 C, CD, E, T	83 →	12	14	514 012 014 A51 4	YB14-A2
FX650	→ 99	12	8	508 012 008 A51 4	YTX9-BS
GL 650, D, D2	83 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
NT650 Hawk GT	88 – 91	12	8	508 012 008 A51 4	YTX9-BS
NT650 V	01 →	12	8	508 901 015 A51 4	YTZ10S-BS
NTV 650 Series	88 – 96	12	8	508 012 008 A51 4	YTX9-BS
NX650	88 – 97	12	8	508 012 008 A51 4	YTX9-BS
XR650L	93 – 03	12	8	508 012 008 A51 4	YTX9-BS
680 CCM					
DN-01	09 →	12	11	511 902 023 A51 4	YTZ14S-BS
700 CCM					
DN-01	08 →	12	11	511 902 023 A51 4	YTZ14S-BS
NT 700V ABS	06 – 09	12	11	511 902 023 A51 4	YTZ14S-BS
VF700C Magna	87 →	12	132	512 011 012 A51 4	12N12A-4A-1 YB12A-A
750 CCM					
VT750C, CA, C2, Shadow Spirit, Aero 750K Limited Edition	07 – 09 79 →	12 12	9 14	509 901 020 A51 4 514 011 014 A51 4	YTZ12S-BS 12N14-3A YB14L-A2
CB750FA	93 – 95	12	14	514 012 014 A51 4	YB14-A2
CB750FII	91 – 98	12	14	514 012 014 A51 4	YB14-A2
CB750FII (N, R,S)	92 – 95	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
CB750 Nighthawk	91 – 03	12	14	514 012 014 A51 4	YB14-A2
NR750	92 →	12	10	510 012 009 A51 4	YTX12-BS
NV750	97 – 98	12	12	512 014 010 A51 4	YTX14-BS
RVF750R	94 – 96	12	8	508 012 008 A51 4	YTX9-BS
VF750C C2 D Magna	94 – 03	12	10	510 012 009 A51 4	YTX12-BS
VF750CD Magna Deluxe	95 – 97	12	10	510 012 009 A51 4	YTX12-BS
VF750C Magna	88 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
VF750C Magna	93 – 87	12	8	508 012 008 A51 4	YTX9-BS
VF750C(P-T)	93 – 87	12	10	510 012 009 A51 4	YTX12-BS
VFR750F	90 – 97	12	10	510 012 009 A51 4	YTX12-BS
VFR750R	88 – 90	12	8	508 012 008 A51 4	YTX9-BS
VFR750-R(J,K)	88 – 91	12	8	508 012 008 A51 4	YTX9-BS
VT750C	98 – 99	12	12	512 014 010 A51 4	YTX14-BS
VT750CDA B C D Shadow A.C.E. Deluxe	02 – 03	12	12	512 014 010 A51 4	YTX14-BS
CVT750CD CD2 Shadow Deluxe	98 – 02	12	12	512 014 010 A51 4	YTX14-BS





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HONDA					
750 CCM					
VT750C Shadows	98 – 00	12	12	512 014 010 A51 4	YTX14-BS
VT750DC A B Shadow Spirit	01 – 03	12	11	511 902 023 A51 4	YTZ14S-BS
XR750 Africa Twin	93 – 98	12	12	512 014 010 A51 4	YTX14-BS
XR750(T)	96 →	12	12	512 014 010 A51 4	YTX14-BS
800 CCM					
VFR800	01 →	12	9	509 901 020 A51 4	YTZ12S-BS
VFR800 P	01 – 02	12	11	511 902 023 A51 4	YTZ14S-BS
PC800 Pacific Coast	89 – 98	12	10	510 012 009 A51 4	YTX12-BS
VFR800FI	→ 99	12	10	510 012 009 A51 4	YTX12-BS
VFR 800 FI Interceptor	02 →	12	8	508 901 015 A51 4	YTZ10S-BS
VFR800FI Interceptor	98 – 01	12	10	510 012 009 A51 4	YTX12-BS
900 CCM					
CBR 900 F	01 →	12	8	508 901 015 A51 4	YTZ10S-BS
CBR900 R, RR Fire Blade	92 – 98	12	8	508 012 008 A51 4	YTX9-BS
CBR RR FIREBLADE	00 →	12	8	508 901 015 A51 4	YTZ10S-BS
919 CCM					
CB900F	02 – 03	12	8	508 901 015 A51 4	YTZ10S-BS
929 CCM					
CBR929R	→ 00	12	8	508 901 015 A51 4	YTZ10S-BS
CBR 929 RR	02 →	12	8	508 901 015 A51 4	YTZ10S-BS
1000 CCM					
CBF 1000 S/ABS	06 – 09	12	8	508 901 015 A51 4	YTZ10S-BS
CBR 1000	08 →	12	8	508 901 015 A51 4	YTZ10S-BS
CBR 1000 RR Fireblade	04 – 08	12	8	508 901 015 A51 4	YTZ10S-BS
CB1000	93 – 96	12	10	510 012 009 A51 4	YTX12-BS
CB1000C Custom	83 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
CBR 1000	85 – 96	12	14	514 013 014 A51 4	YB14L-B2
CBR1000F Hurricane	87 – 97	12	14	514 013 014 A51 4	YB14L-B2
CBX1000 Super Sport	82 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
GL1000LTD Goldwing LE	76 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
Varadero	→ 99	12	12	512 014 010 A51 4	YTX14-BS
VTR1000	→ 00	12	9	509 901 020 A51 4	YTZ12S-BS
1100 CCM					
VT 1100 C2 Shadow ACE	95 – 08	12	11	511 902 023 A51 4	YTZ14S-BS
VT 1100 C Shadow	94 – 08	12	12	512 014 010 A51 4	YTX14-BS
CB1100F Super Sport	83 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
CB1100RD	91 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
CBR1100XX	97 – 00	12	10	510 012 009 A51 4	YTX12-BS
CBR1100XX	01 – 03	12	9	509 901 020 A51 4	YTZ12S-BS
ST1100 Pan European ABS-TCS	90 →	12	12	512 014 010 A51 4	YTX14-BS
1200 CCM					
Aspencade SE-i	86 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
GL1200	84 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
1300 CCM					
CB1300 Super Four	01 →	12	11	511 902 023 A51 4	YTZ14S-BS
ST1300	03 →	12	11	511 902 023 A51 4	YTZ14S-BS
YTX1300S Retro	03 →	12	12	512 014 010 A51 4	YTX14-BS
1500 CCM					
GL 1500 Gold Wind	88 – 00	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
GL1500 Valkyrie	97 – 03	12	12	512 014 010 A51 4	YTX14-BS

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HONDA					
1800 CCM					
GL 1800 Gold Wing	01 – 03	12	18	518 901 026 A51 4	YTX20L-BS
R Retro	02 – 03	12	18	518 901 026 A51 4	YTX20L-BS

HUSQVARNA					
125 CCM					
CRF 230F	01 – 08	12	3	503 014 003 A51 4	YT4L-BS
WR	95 – 08	12	3	503 014 003 A51 4	YT4L-BS
WRK	87 -08	12	3	503 014 003 A51 4	YT4L-BS
SM125S		12	3	503 014 003 A51 4	YT4L-BS
450 CCM					
SM450R		12	3	503 014 003 A51 4	YT4L-BS
5800 CCM					
SM 570	93 – 08	12	12	512 014 010 A51 4	YTX14-BS
SM 570 R Supermoto	00 – 08	12	12	512 014 010 A51 4	YTX14-BS

HYOSUNG					
50 CCM					
SB Super Cab		12	3	503 014 003 A51 4	YT4L-BS
100 CCM					
Cab 100	04 – 05	12	3	503 014 003 A51 4	YT4L-BS
EZ100		12	3	503 014 003 A51 4	YT4L-BS
125 CCM					
Aquila 125	00 – 08	12	6	506 015 005 A51 4	YTX7A-BS
Exceed 125	99 – 08	12	6	506 015 005 A51 4	YTX7A-BS
GT 125 Comet	00 – 08	12	6	506 015 005 A51 4	YTX7A-BS
Karion 125	02 – 08	12	6	506 015 005 A51 4	YTX7A-BS
250 CCM					
Aquila 250	00 – 08	12	12	512 014 010 A51 4	YTX14-BS
GT 250 Comet	02 – 08	12	12	512 014 010 A51 4	YTX14-BS
NS3-250	09 →	12	8	508 012 008 A51 4	YTX9-BS
600 CCM					
Comet 600	00 – 08	12	12	512 014 010 A51 4	YTX14-BS
650 CCM					
GT 650 all	02 – 08	12	12	512 014 010 A51 4	YTX14-BS

INNOCENTI					
125 CCM					
Lambretta LI/LD		6	12	012 014 008 A51 4	6N11A-3A
150 CCM					
Lambretta LI/LD		12	6	506 014 005 A51 4	YTX7L-BS
175 CCM					
Lambretta LI/LD		6	12	012 014 008 A51 4	6N11A-3A



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ITALJET

50 CCM



Adly		12	5	505 012 003 A51 4	12N5-3B YB5L-B
Bazooka		12	4	504 011 002 A51 4	YB4L-B
Dragster	97 – 04	12	4	504 011 002 A51 4	YB4L-B
Formula	95 – 04	12	4	504 011 002 A51 4	YB4L-B
Velocifero	95 – 00	12	4	504 011 002 A51 4	YB4L-B

125 – 150 CCM

Jack	07 – 08	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Jet-Set	98 – 08	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Dragster	99 – 99	12	11	511 013 007 A51 4	12N10-3B YB10L-B YB10L-B2
Formula	97 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Millenium		12	6	506 015 005 A51 4	YTX7A-BS
Torpedo T4	00 – 04	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B

180 CCM

Dragster	99 – 99	12	12	512 014 010 A51 4	YTX14-BS
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KAWASAKI					
100 CCM					
KB 100 (BAJAJ)		12	5	505 012 003 A51 4	12N5-3B YB5L-B
125 CCM					
AR 125		12	5	505 012 003 A51 4	12N5-3B YB5L-B
BN 125	94 – 02	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
K 125-K7	→ 94	12	3	503 013 001 A51 4	YB3L-B
KDX 125		12	3	503 012 001 A51 4	YB3L-A
KH 125 K10		12	3	503 013 001 A51 4	YB3L-B
KMX 125 Series	86 →	12	4	504 011 002 A51 4	YB4L-B
175 CCM					
KMX 125 B6	→ 90	12	3	503 012 001 A51 4	YB3L-A
200 CCM					
KDX 200		12	3	503 012 001 A51 4	YB3L-A
KMX 200 A2-A5	88 – 97	12	4	504 011 002 A51 4	YB4L-B
250 CCM					
KLF 250	02 – 07	12	6	506 014 005 A51 4	YTX7L-BS
KX 250 F	01 – 06	12	6	506 011 004 A51 4	12N5,5-3B
Ninja R	08 →	12	8	508 012 008 A51 4	YTX9-BS
BJ 250 A2, A3, C3	94 – 96	12	8	508 012 008 A51 4	YTX9-BS
EL 250 A	95 →	12	6	506 014 005 A51 4	YTX7L-BS
ER 250	83 – 95	12	9	509 015 008 A51 4	12N9-3B YB9L-B
EX 250-F Ninja 250	95 – 03	12	6	506 014 005 A51 4	YTX7L-BS
KL 250 D2-D16		12	4	504 011 002 A51 4	YB4L-B
KL 250 G	→ 97	12	6	506 014 005 A51 4	YTX7L-BS
KL 250 Super Sherpa	00 – 03	12	6	506 014 005 A51 4	YTX7L-BS
KLX 250 ES G1, G2	94 – 95	12	6	506 014 005 A51 4	YTX7L-BS
KZ 250A, C, D LTD, G LTD, L CSR, W LTD		12	11	511 012 009 A51 4	
250 CCM					
LX250 F, G	95 →	12	11	511 012 009 A51 4	
ZR250A, B Balus	91 →	12	6	506 014 005 A51 4	YTX7L-BS
ZZ-R (EX 250 H)		12	6	506 014 005 A51 4	YTX7L-BS
400 CCM					
EN 400	94 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
EX 400		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
FX 400 R (ZX 400 A)		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
KH 400	92 →	12	6	506 011 004 A51 4	12N5,5-3B
KLE 400	91 →	12	10	510 012 009 A51 4	YTX12-BS
KLX 400 R, SR	03 →	12	7	507 901 012 A51 4	YT7B-BS
KX 400 F	79 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
LE 400, A	→ 92	12	10	510 012 009 A51 4	YTX12-BS
VN 400A	95 →	12	10	510 012 009 A51 4	YTX12-BS
Z400	76 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
ZR 400 C	93 →	12	10	510 012 009 A51 4	YTX12-BS
ZN 400 S Xanthus	92 →	12	8	508 012 008 A51 4	YTX9-BS
ZRX, II	95 →	12	8	508 012 008 A51 4	YTX9-BS
ZX 400 H	92 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
ZXR 400, R	91 →	12	8	508 012 008 A51 4	YTX9-BS
440 CCM					
KZ 440 A LTD, C, D		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A



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KAWASAKI

450 CCM



KX 450 F	06 – 08	12	6	506 011 004 A51 4	12N5,5-3B
EN 450-A6		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
Z450 LTD	85 – 89	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A



500 CCM



EN 500, A1, A2	89 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
EN 500-A Vulcan	90 – 96	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
EN 500 C1	96 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
EN 500-C Vulcan LTD	96 – 03	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
EN 500 LTD	90 – 95	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
ER 5	97 →	12	10	510 012 009 A51 4	YTX12-BS
EX 500, A4, A5, B3, B4	93 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
EX 500-D Ninja	94 – 03	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GPZ 500 S A1	87 – 96	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KH 500 A	76 →	12	9	509 015 008 A51 4	12N9-3B YB9L-B
KLE 500	91 – 00	12	10	510 012 009 A51 4	YTX12-BS
Ninja 500	95 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Z 500, B, LTD		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A

600 CCM

ZX 600-FA Ninja ZX-6R	08 – 09	12	8	508 012 008 A51 4	YTX9-BS
ZX-6R Ninja	07 – 08	12	10	510 012 009 A51 4	YTX12-BS
GPX 600	88 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
GPZ 600 R	85 – 90	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
KL 600, A4, B6		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KL 600R KLAR	84 – 92	12	4	504 011 002 A51 4	YB4L-B
KLR 600, A1, B1-B5, E	85 – 89	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZR 600		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
ZX 600 E ZZR Ninja	93 – 02	12	10	510 012 009 A51 4	YTX12-BS
ZX600 G, H		12	10	510 012 009 A51 4	YTX12-BS
ZX-6R	98 →	12	8	508 012 008 A51 4	YTX9-BS
ZX-6R F1, F2	95 – 96	12	10	510 012 009 A51 4	YTX12-BS
ZZR 600	03 →	12	10	510 012 009 A51 4	YTX12-BS
ZZ-R 600 (D1-D3)	90 – 92	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
ZZ-R 600 (E1-E3)	93 – 95	12	10	510 012 009 A51 4	YTX12-BS



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KAWASAKI					
650 CCM					
ER 6 F	06 →	12	10	510 012 009 A51 4	YTX12-BS
KLE650 Versys	08 – 09	12	10	510 012 009 A51 4	YTX12-BS
Versys	07 →	12	10	510 012 009 A51 4	YTX12-BS
EJ 650	99 – 00	12	12	512 014 010 A51 4	YTX14-BS
GPZ 650, R		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
KL 650	87 – 03	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KLR 650 A1-A2, B1-B2, C1-C2	87 – 96	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KLX 650 (C1-C2)	93 – 97	12	8	508 012 008 A51 4	YTX9-BS
W650	00 – 02	12	12	512 014 010 A51 4	YTX14-BS
700 CCM					
KZ700 A	84 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
750 CCM					
Z 750	04 – 09	12	8	508 012 008 A51 4	YTX9-BS
750LZX7	96 →	12	8	508 012 008 A51 4	YTX9-BS
GPX 750 R	86 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GPZ 750 (R1)		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
GT 750	→ 89	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KZ 750	76 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KZ 750-L Ninja	93 →	12	8	508 012 008 A51 4	YTX9-BS
KZ 750 N Spectre		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KZ 750-R GP	82 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
VN 750-A	84 – 03	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
VN 750 A6, A7, T	86 – 95	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Zephyr 750 (C, D)	91 – 96	12	10	510 012 009 A51 4	YTX12-BS
ZR 750	91 – 03	12	10	510 012 009 A51 4	YTX12-BS
750 CCM					
ZR 750 C1, C4, D1, J1		12	10	510 012 009 A51 4	YTX12-BS
ZX750 F Ninja	87 – 90	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZX 750-H Ninja	90 →	12	12	512 013 012 A51 4	12N12A-4A-1 YB12A-A
ZX 750-J Ninja	91 – 95	12	12	512 013 012 A51 4	12N12A-4A-1 YB12A-A
ZX -7R (P1	96 – 03	12	10	510 012 009 A51 4	YTX12-BS
ZX -7RR Ninja	91 – 97	12	8	508 012 008 A51 4	YTX9-BS
ZXR 750 J, L	91 – 95	12	10	510 012 009 A51 4	YTX12-BS
ZXR 750 R, K, M	91 – 95	12	8	508 012 008 A51 4	YTX9-BS
800 CCM					
VN 800 A1, B1 Classic	95 →	12	12	512 014 010 A51 4	YTX14-BS
VN 800-A Vulcan 800	95 – 96	12	12	512 014 010 A51 4	YTX14-BS

		V	Ah	Code Varta	Code JIS
KAWASAKI					
900 CCM					
VN 900 Classic	06 →	12	10	510 012 009 A51 4	YTX12-BS
VN 900 Custom	07 →	12	6	506 014 005 A51 4	YTX7L-BS
GPZ 900 R	84 – 93	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Z1	73 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Z 900	76 →	12	11	511 012 009 A51 4	
ZL 900 A Eliminator	85 – 91	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZX 9R	94 – 97	12	10	510 012 009 A51 4	YTX12-BS
ZX 9R	98 – 03	12	8	508 012 008 A51 4	YTX9-BS
ZX 9R F Ninja	00 – 03	12	8	508 012 008 A51 4	YTX9-BS
1000 CCM					
ZX -10 R Ninja	04 – 08	12	12	512 901 019 A51 4	YT12B-BS
GTR 1000 A11	86 – 96	12	18	518 015 018 A51 4	YB18L-A
KZ 1000	80 – 03	12	18	518 901 026 A51 4	YTX20L-BS
KZ 1000 A		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KZ 1000 G Classic	80 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
KZ 1000 J, K LTD, M CSR		12	18	518 015 018 A51 4	YB18L-A
Z 1000	03 – 09	12	8	508 012 008 A51 4	YTX9-BS
Z 1000 ST (E2)		12	19	519 012 019 A51 4	YB16-B
Z1-R (KZ 100 D)	78 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZG 1000 A Concours	86 – 03	12	18	518 901 026 A51 4	YTX20L-BS
ZGT 1000A	95 →	12	18	518 015 018 A51 4	YB18L-A
ZL 1000 A Eliminator	87 – 92	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZX 1000 A Concours	96 – 02	12	18	518 901 026 A51 4	YTX20L-BS
ZX 1000 A Ninja	86 – 92	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZX 10, B3, Tomcat	88 – 90	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
1100 CCM					
GPZ 1100 (B1)	81 →	12	19	519 011 019 A51 4	YB16L-B
GPZ 1100 E1 – E2	95 – 96	12	12	512 014 010 A51 4	YTX14-BS
Ninja (ZX-11)	93 – 96	12	12	512 014 010 A51 4	YTX14-BS
ZG 1100 A7,8	94 →	12	18	518 015 018 A51 4	YB18L-A
ZRX 1100	97 →	12	12	512 014 010 A51 4	YTX14-BS
ZX 1100 C-G	99 →	12	12	512 014 010 A51 4	YTX14-BS
ZX 1100-C Ninja ZX-11	90 – 95	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
ZX 1100-D Ninja	93 – 95	12	12	512 014 010 A51 4	YTX14-BS
ZX 1100-D Nija ZX-11	95 – 01	12	12	512 014 010 A51 4	YTX14-BS
ZX 1100-E ABS	95 – 97	12	12	512 014 010 A51 4	YTX14-BS
ZZR 1100(C)	90 – 92	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
1200 CCM					
ZXR 1200R	01 – 03	12	12	512 014 010 A51 4	YTX14-BS
ZX 1200 A1	00 →	12	12	512 014 010 A51 4	YTX14-BS
ZX-12R	00 – 03	12	12	512 014 010 A51 4	YTX14-BS
ZZR 1200	02 – 03	12	12	512 014 010 A51 4	YTX14-BS
1300 CCM					
ZG 1300, A	84 – 89	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
ZGT 1300 A	95 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2

		V	Ah	Code Varta	Code JIS
KAWASAKI					
1400 CCM					
ZG1400 Concours	08 – 09	12	12	512 014 010 A51 4	YTX14-BS
ZX14 Ninja	06 – 09	12	12	512 014 010 A51 4	YTX14-BS
ZZ-R 1400	06 – 07	12	12	512 014 010 A51 4	YTX14-BS
1500 CCM					
V 15		12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
VN 1500 A4, B4	88 – 95	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
VN 1500 C Vulcan 1500L	96 – 97	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
VN 1500 SE	87 – 98	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2

KEEWAY					
50 CCM					
Focus	05 – 08	12	4	504 012 003 A51 4	YTX5L-BS
Matrix	06 →	12	4	504 012 003 A51 4	YTX5L-BS
RY 8 Racing	07 – 08	12	4	504 012 003 A51 4	YTX5L-BS
125 CCM					
Am	05 – 08	12	6	506 015 005 A51 4	YTX7A-BS
Speed	05 – 08	12	6	506 015 005 A51 4	YTX7A-BS
150 CCM					
Am	06 →	12	6	506 015 005 A51 4	YTX7A-BS
250 CCM					
LandCruiser	07 →	12	6	506 015 005 A51 4	YTX7A-BS
Supershadows	06 – 06	12	6	506 015 005 A51 4	YTX7A-BS

KREIDLER					
25 – 50 CCM					
Florett	97 – 08	12	3	503 014 003 A51 4	YT4L-BS
Flory	00 – 08	12	3	503 014 003 A51 4	YT4L-BS

		V	Ah	Code Varta	Code JIS
KTM					
50 CCM					
Co, Co Chrono	95 →	12	3	503 014 003 A51 4	YT4L-BS
Kross		12	4	504 011 002 A51 4	YB4L-B
80 CCM					
80 Chopper, PL		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 CCM					
125LC2	96 – 97	12	3	503 014 003 A51 4	YT4L-BS
Sting	97 – 98	12	3	503 014 003 A51 4	YT4L-BS
250 CCM					
EXC Racing	00 →	12	4	504 012 003 A51 4	YTX5L-BS
400 CCM					
E/XC Racing 4 Stroke	00 – 02	12	4	504 012 003 A51 4	YTX5L-BS
LC4 E/XC	96 – 98	12	8	508 012 008 A51 4	YTX9-BS
LS-E	97 →	12	8	508 012 008 A51 4	YTX9-BS
RXC LC4	96 – 01	12	8	508 012 008 A51 4	YTX9-BS
450 CCM					
EXC Racing	00 →	12	4	504 012 003 A51 4	YTX5L-BS
500 CCM					
500K4		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
520 CCM					
E/XC	00 – 02	12	4	504 012 003 A51 4	YTX5L-BS
M/XC Racing 4-Stroke	00 – 02	12	3	503 014 003 A51 4	YT4L-BS
525 CCM					
EXC Racing	00 →	12	4	504 012 003 A51 4	YTX5L-BS
550 CCM					
LC		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
620 CCM					
Adventure	96 – 98	12	8	508 012 008 A51 4	YTX9-BS
LS-E	97 →	12	8	508 012 008 A51 4	YTX9-BS
640 CCM					
Adventurer	99 – 02	12	8	508 012 008 A51 4	YTX9-BS
950 CCM					
950 Adventure / S	03 – 07	12	11	511 902 023 A51 4	YTZ14S-BS
950 Supermoto	06 – 07	12	11	511 902 023 A51 4	YTZ14S-BS
990 CCM					
990 Superduke	05 – 06	12	11	511 902 023 A51 4	YTZ14S-BS



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KYMCO

50 CCM

Agility	03 – 09	12	3	503 014 003 A51 4	YT4L-BS
Agility 4 T R16	08 →	12	6	506 015 005 A51 4	YTX7A-BS
Super 8 / 9	07 – 09	12	4	504 012 003 A51 4	YTX5L-BS
Vitality	03 – 08	12	3	503 014 003 A51 4	YT4L-BS
Calypso, Cobra, Cross	99 – 99	12	4	504 012 003 A51 4	YTX5L-BS
CX	95 →	12	3	503 014 003 A51 4	YT4L-BS
CX Curio	95 – 99	12	3	503 014 003 A51 4	YT4L-BS
Dink 50/LC	99 – 09	12	4	504 012 003 A51 4	YTX5L-BS
Dj 50, Djw 50, Djx 50	97 →	12	3	503 014 003 A51 4	YT4L-BS
Djy 50		12	3	503 014 003 A51 4	YT4L-BS
Fever ZX	00 – 00	12	4	504 012 003 A51 4	YTX5L-BS
K12	96 – 99	12	3	503 014 003 A51 4	YT4L-BS
KB	97 – 99	12	3	503 014 003 A51 4	YT4L-BS
People 50	00 – 09	12	4	504 012 003 A51 4	YTX5L-BS
Scout	00 – 08	12	3	503 014 003 A51 4	YT4L-BS
Cniper/Sniper DD	00 →	12	3	503 014 003 A51 4	YT4L-BS
Top Boy	97 – 99	12	4	504 012 003 A51 4	YTX5L-BS

80 CCM

Filly 80	99 – 99	12	4	504 012 003 A51 4	YTX5L-BS
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100 CCM

Cobra	95 – 08	12	4	504 012 003 A51 4	YTX5L-BS
Rasy	02 – 08	12	4	504 012 003 A51 4	YTX5L-BS
Free-Ex	05 – 08	12	4	504 012 003 A51 4	YTX5L-BS
AS	99 – 99	12	4	504 012 003 A51 4	YTX5L-BS
KB	97 – 99	12	4	504 012 003 A51 4	YTX5L-BS
Top Boy	97 – 99	12	6	506 015 005 A51 4	YTX7A-BS

110 CCM

Cevira	03 – 08	12	4	504 012 003 A51 4	YTX5L-BS
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125 CCM

Bet & Win /Ego 125	00 – 05	12	8	508 012 008 A51 4	YTX9-BS
Calypso	99 – 99	12	8	508 012 008 A51 4	YTX9-BS
Dink/LX	97 – 99	12	8	508 012 008 A51 4	YTX9-BS
Fox Hunt	96 – 99	12	6	506 015 005 A51 4	YTX7A-BS
Heroism	95 – 99	12	8	508 012 008 A51 4	YTX9-BS
Jockey	99 – 99	12	6	506 015 005 A51 4	YTX7A-BS
People 125	00 – 09	12	6	506 015 005 A51 4	YTX7A-BS
Vivio		12	8	508 012 008 A51 4	YTX9-BS
Zing 125	95 – 03	12	6	506 015 005 A51 4	YTX7A-BS

150 CCM

Bet & Win /Ego 150	00 – 05	12	8	508 012 008 A51 4	YTX9-BS
Dink/LX	97 – 99	12	8	508 012 008 A51 4	YTX9-BS
Fox Hunt	96 – 99	12	6	506 015 005 A51 4	YTX7A-BS
Heroism	96 – 99	12	8	508 012 008 A51 4	YTX9-BS
People 150	09 →	12	6	506 015 005 A51 4	YTX7A-BS
Spacer	99 – 99	12	8	506 015 005 A51 4	YTX9-BS
Vivio		12	8	508 012 008 A51 4	YTX9-BS
Zing 150	95 – 03	12	6	506 015 005 A51 4	YTX7A-BS

200 CCM

Dink Classic	03 – 06	12	8	508 012 008 A51 4	YTX9-BS
Dink i	06 →	12	11	511 901 014 A51 4	YT12A-BS
People S	05 – 06	12	6	506 015 005 A51 4	YTX7A-BS
People S ie	07 →	12	8	509 901 020 A51 4	YTZ10S-BS

250 CCM

People 250	09 →	12	10	510 012 009 A51 4	YTX12-BS
Bet & Win /Ego 250	00 – 05	12	10	510 012 009 A51 4	YTX12-BS
Grand Dink	02 – 08	12	10	510 012 009 A51 4	YTX12-BS
Super-9	00 – 00	12	10	510 012 009 A51 4	YTX12-BS

300 CCM

People S	08 →	12	10	510 012 009 A51 4	YTX12-BS
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KYMCO					
400 CCM					
Xciting 400i	09 →	12	10	510 012 009 A51 4	YTX12-BS




500 CCM					
Xciting	04 – 08	12	3	503 014 003 A51 4	YT4L-BS
Xciting 500i	09 →	12	12	512 014 010 A51 4	YTX14-BS

LAVERDA					
125 CCM					
GS Lesmo		12	6	506 011 004 A51 4	12N5,5-3B
150 – 200 CCM					
Phoenix		12	8	508 012 008 A51 4	YTX9-BS
600 CCM					
Atlas		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
650 CCM					
Ghost	95 – 98	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Strike		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
750 CCM					
Carenata	→ 99	12	18	518 014 015 A51 4	51814
Formula		12	19	519 013 017 A51 4	51913

		V	Ah	Code Varta	Code JIS
MALGUTI					
50 CCM					
Centro 4T	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Centro /SL	99 – 00	12	5	505 012 003 A51 4	12N5-3B YB5L-B
F10 AC	08 →	12	4	504 011 002 A51 4	YB4L-B
F12 Phantom AC/LC	07 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
F12 Phatnom	94 – 06	12	4	504 011 002 A51 4	YB4L-B
XSM	03 – 09	12	4	504 011 002 A51 4	YB4L-B
Centro /SL	94 – 98	12	4	504 011 002 A51 4	YB4L-B
Ciak 50	00 – 05	12	5	505 012 003 A51 4	12N5-3B YB5L-B
Colors		12	4	504 011 002 A51 4	YB4L-B
CR1	96 →	12	4	504 011 002 A51 4	YB4L-B
Crosser EL	98 – 98	12	4	504 011 002 A51 4	YB4L-B
Fifty Top	91 – 91	12	4	504 011 002 A51 4	YB4L-B
Phantom	94 →	12	4	504 011 002 A51 4	YB4L-B
125 CCM					
Centro ie	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Ciak 125	00 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
F18 Warrior	00 – 02	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Madison	99 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
150 CCM					
Ciak 150	00 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Madison 150	99 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
160 CCM					
Centro ie	08 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B




MALGUTI					
180 CCM					
Madison 180	99 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
200 CCM					
Ciak Master 4T	06 – 06	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
250 CCM					
Madison 250	99 – 05	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
500 CCM					
Spidermax	04 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2

 		V	Ah	Code Varta	Code JIS
MBK					
50 CCM					
Active		12	4	504 011 002 A51 4	YB4L-B
Booster	93 – 97	12	4	504 011 002 A51 4	YB4L-B
Booster Rocket	96 – 97	12	4	504 011 002 A51 4	YB4L-B
Booster Spirit	→ 99	12	4	504 011 002 A51 4	YB4L-B
Fizz	95 – 96	12	4	504 011 002 A51 4	YB4L-B
X-Limit DT50	97 – 97	12	3	503 012 001 A51 4	YB3L-A
80 CCM					
Evolis	95 – 96	12	4	504 011 002 A51 4	YB4L-B
100 CCM					
Booster		12	4	504 012 003 A51 4	YTX5L-BS
Nitro		12	3	503 014 003 A51 4	YT4L-BS
125 CCM					
Flame	95 – 98	12	6	506 015 005 A51 4	YTX7A-BS
Skyliner 125	00 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
XC Flame, Flame R		12	6	506 015 005 A51 4	YTX7A-BS
150 CCM					
Vertex		12	6	506 015 005 A51 4	YTX7A-BS
250 CCM					
Skyliner 250	00 – 05	12	7	507 901 012 A51 4	YT7B-BS
300 CCM					
Kilibre	04 – 04	12	8	508 012 008 A51 4	YTX9-BS

 		V	Ah	Code Varta	Code JIS
MOTO GUZZI					
125 CCM					
Custom		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
TT		12	6	506 011 004 A51 4	12N5,5-3B
250 CCM					
Bicilindrico		6	12	012 014 008 A51 4	6N11A-3A
350 CCM					
Florida		12	18	518 015 018 A51 4	YB18L-A
500 CCM					
Falcone u.t		12	18	518 015 018 A51 4	YB18L-A
650 CCM					
Nevada	91 – 93	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
750 CCM					
Nevada	00 – 02	12	18	518 015 018 A51 4	YB18L-A
NTX 750	88 →	12	18	518 015 018 A51 4	YB18L-A
S 750		12	30	530 030 030 A51 4	53030
1000 CCM					
1000 NT		12	25	525 015 022 A51 4	Y60-N24L-A
V 1000- California II, III, SP	83 →	12	25	525 015 022 A51 4	Y60-N24L-A
		12	30	530 030 030 A51 4	53030
V 1000 Le Mans III, IV		12	25	525 015 022 A51 4	Y60-N24L-A
		12	30	530 030 030 A51 4	53030
1100 CCM					
1100 California	94 – 09	12	30	530 030 030 A51 4	53030
1100 Sport		12	25	525 015 022 A51 4	Y60-N24L-A
Jackal		12	30	530 030 030 A51 4	53030



MOTO MORINI					
125 CCM					
Corsaro 125		6	12	012 014 008 A51 4	6N11A-3A
150 CCM					
SS 150		6	12	012 014 008 A51 4	6N11A-3A
350 CCM					
Coguardo		12	18	518 015 018 A51 4	YB18L-A
Dart 350		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Sport Bicil. 350 (K-Start)		12	9	509 015 008 A51 4	12N9-3B YB9L-B
500 CCM					
S 500		12	18	518 015 018 A51 4	YB18L-A
501 CCM					
Camel 501 (E-Start)		12	18	518 015 018 A51 4	YB18L-A

MOTOTRANS					
250 CCM					
Strada 250		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
350 CCM					
Forsa 350		12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
Vento 350		12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
500 CCM					
Desmo 500		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Twin 50		12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2

 		V	Ah	Code Varta	Code JIS
MOTRON					
50 CCM					
Compact Racing		12	4	504 011 002 A51 4	YB4L-B

MV AGUSTA					
350 CCM					
350 GT		12	6	506 011 004 A51 4	12N5,5-3B
750 CCM					
750GT		12	19	519 901 017 A51 2	Y60-N24L-A
		12	25	525 015 022 A51 4	53030
		12	30	530 030 030 A51 4	
750 S, SS		12	19	519 901 017 A51 2	
900 CCM					
910 Brutale R/S	06 – 08	12	9	509 901 020 A51 4	YTZ12S-BS
1000 CCM					
F4 all	99 – 08	12	8	508 901 015 A51 4	YTZ10S-BS

MZ					
125 CCM					
125 SM	01 – 08	12	6	506 011 004 A51 4	12N5,5-3B
RT 125	00 – 08	12	6	506 011 004 A51 4	12N5,5-3B
ETZ 125	85 – 90	12	9	509 015 008 A51 4	12N9-3B YB9L-B
Saxon	93 – 98	12	5	505 012 003 A51 4	12N5-3B YB5L-B
150 – 250 CCM					
ETZ	81 – 90	12	9	509 015 008 A51 4	12N9-3B YB9L-B
251 CCM					
Saxon Tour 251	93 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
300 CCM					
ETZ 301 (17 kW)	89 – 91	12	5	505 012 003 A51 4	12N5-3B YB5L-B
Saxon Fun 301, Tour 301 (25 kW)	92 – 94	12	5	505 012 003 A51 4	12N5-3B YB5L-B
500 CCM					
Green Star	97 – 97	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Saxon (25 kW)	93 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Silver Star (25 kW)	93 – 98	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
600 CCM					
Skorpion	94 →	12	9	509 015 008 A51 4	12N9-3B YB9L-B
1000 CCM					
1000 SF	05 – 08	12	10	510 012 009 A51 4	YTX12-BS
1000S/ST (84 kW)	02 – 08	12	10	510 012 009 A51 4	YTX12-BS

		V	Ah	Code Varta	Code JIS
NORTON					
750 CCM					
Commando 750		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
850 CCM					
Commando 850		12	14	514 011 014 A51 4	12N14-3A YB14L-A2

OSSA					
500 CCM					
Yankee 500		12	14	514 011 014 A51 4	12N14-3A YB14L-A2

PEUGEOT					
25 CCM					

Fox LA	95 – 97	12	4	504 011 002 A51 4	YB4L-B
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50 CCM					
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Elystar	03 →	12	4	504 011 002 A51 4	YB4L-B
Looxor	01 →	12	4	504 011 002 A51 4	YB4L-B
Ludix	03 – 08	12	4	504 011 002 A51 4	YB4L-B
50 SV Blue Star	97 →	12	4	504 011 002 A51 4	YB4L-B
Buxy, Buxy RS	95 – 97	12	4	504 011 002 A51 4	YB4L-B
Fox L, LA	95 – 96	12	4	504 011 002 A51 4	YB4L-B
Rapido 50		12	4	504 011 002 A51 4	YB4L-B
SC	→ 93	12	4	504 011 002 A51 4	YB4L-B
Squab	96 – 97	12	4	504 011 002 A51 4	YB4L-B
SV 50 Junior	93 – 97	12	4	504 011 002 A51 4	YB4L-B
Trekker	99 →	12	4	504 011 002 A51 4	YB4L-B
Zenith	96 →	12	4	504 011 002 A51 4	YB4L-B

80 CCM					
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SC 80 LI (Metropolis)		12	4	504 011 002 A51 4	YB4L-B
SV80	93 – 96	12	5	505 012 003 A51 4	12N5-3B YB5L-B
SX		12	5	505 012 003 A51 4	12N5-3B YB5L-B

100 CCM					
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Elyseo	98 →	12	8	508 012 008 A51 4	YB7-A
SV	→ 97	12	5	505 012 003 A51 4	12N5-3B YB5L-B

105 CCM					
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105 (E-Start)		12	4	504 011 002 A51 4	YB4L-B
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125 CCM					
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Elystar	03 – 08	12	8	508 013 008 A51 4	YB7-A
SV 125	93 – 97	12	5	505 012 003 A51 4	12N5-3B YB5L-B

150 CCM					
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Elystar	03 – 08	12	8	508 012 008 A51 4	YB7-A
Elyseo	98 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2

 		V	Ah	Code Varta	Code JIS
PGO					
25 CCM					
Commet	95 – 97	12	3	503 014 003 A51 4	YT4L-BS
Galaxy	97 →	12	3	503 014 003 A51 4	YT4L-BS
50 CCM					
Big Max	95 – 96	12	4	504 011 002 A51 4	YB4L-B
Big Max Sport	96 – 97	12	3	503 014 003 A51 4	YT4L-BS
Comet, Comet JR		12	3	503 014 003 A51 4	YT4L-BS
Galaxy 50	93 – 97	12	3	503 014 003 A51 4	YT4L-BS
Mega	97 →	12	3	503 014 003 A51 4	YT4L-BS
Star I, II	93 – 96	12	4	504 011 002 A51 4	YB4L-B
Ultima 50	95 →	12	3	503 014 003 A51 4	YT4L-BS
80 CCM					
Star I, II	95 – 96	12	3	503 014 003 A51 4	YT4L-BS
90 CCM					
Big Max	97 →	12	3	503 014 003 A51 4	YT4L-BS
Galaxy 90	94 – 97	12	3	503 014 003 A51 4	YT4L-BS
125 CCM					
Ultima 125	95 →	12	3	503 014 003 A51 4	YT4L-BS

PIAGGIO-GILERA					
50 CCM					
DNA	01 – 08	12	3	503 014 003 A51 4	YT4L-BS
FLY 50	09 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Bullit	→ 97	12	4	504 011 002 A51 4	YB4L-B
Eaglet	95 – 97	12	4	504 011 002 A51 4	YB4L-B
GSA (E-Start)		12	4	504 011 002 A51 4	YB4L-B
Runner 50	03 – 08	12	4	504 011 002 A51 4	YB4L-B
Storm	07 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 CCM					
Nexus	07 →	12	10	510 012 009 A51 4	YTX12-BS
X9	00 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Apache CX 125	91 – 94	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Apache K	91 – 94	12	6	506 011 004 A51 4	12N5,5-3B
Arizona (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Arozona (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Cougar	00 – 03	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
GR 1		6	12	012 014 008 A51 4	6N11A-3A
RC Rally		12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
Runner FX	01 – 08	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Typhoon, X		12	8	508 013 008 A51 4	YB7-A
150 CCM					
FLY 150	09 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
180 CCM					
DNA 180	01 – 05	12	10	510 012 009 A51 4	YTX12-BS
Runner VX-R	01 – 08	12	10	510 012 009 A51 4	YTX12-BS



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PIAGGIO-GILERA

200 CCM

Runner VX-R	03 – 08	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
Arizona (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Arizona (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B

250 CCM

BV250	08 – 09	12	12	512 014 010 A51 4	YTX14-BS
Nexus	06 →	12	10	510 012 009 A51 4	YTX12-BS
Arizona Rally		12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
RV NGR (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B

300 CCM

Nexus	08 →	12	10	510 012 009 A51 4	YTX12-BS
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350 CCM

Dakota (E-Start)		12	11	511 012 009 A51 4	
Dakota (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
XRT		12	14	514 011 014 A51 4	12N14-3A YB14L-A2

400 CCM

MP3 400	08 – 09	12	12	512 014 010 A51 4	YTX14-BS
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460 CCM

X9	09 →	12	12	512 014 010 A51 4	YTX14-BS
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500 CCM

BV 500	08 – 09	12	12	512 014 010 A51 4	YTX14-BS
Nexus	04 – 08	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Dakota (E-Start)		12	11	511 012 009 A51 4	
Dakota (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B

600 CCM

Nordwest 600	91 – 99	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
RC 600	91 – 00	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Top Rally, Rally XRT		12	14	514 011 014 A51 4	12N14-3A YB14L-A2

PIAGGIO-VESPA

25 CCM

Free, Free FL	94 – 98	12	4	504 011 002 A51 4	YB4L-B
Velofax	→ 98	12	4	504 011 002 A51 4	YB4L-B

50 CCM

Liberty 4T	00 – 09	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Vespa LX 2T	06 →	12	4	504 011 002 A51 4	YB4L-B
Vespa S 2T	07 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
503	91 – 94	12	4	504 011 002 A51 4	YB4L-B
Ape 50 FL	93 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Ape Car, MP, MPR, P602		12	25	525 015 022 A51 4	Y60-N24L-A
Cobra		12	4	504 011 002 A51 4	YB4L-B
GSA 50 (E-Start)		12	5	505 012 003 A51 4	12N5-3B YB5L-B
Injection	98 →	12	4	504 011 002 A51 4	YB4L-B
Liberty	→ 99	12	4	504 011 002 A51 4	YB4L-B
NRG Extreme	95 – 99	12	4	504 011 002 A51 4	YB4L-B



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PIAGGIO-VESPA

50 CCM

PK 50 FL, FL2, HP, N, S			8	508 013 008 A51 4	YB7-A
PK 50 XL, XL 2, XLS	86 →	12	8	508 013 008 A51 4	YB7-A
Quarz 50	93 – 98	12	4	504 011 002 A51 4	YB4L-B
Storm 50	95 – 96	12	8	508 013 008 A51 4	YB7-A
TPH 50	94 →	12	4	504 011 002 A51 4	YB4L-B

80 CCM

P 80 X (E-Start)	81 →	12	6	506 011 004 A51 4	12N5,5-3B
PK 80 (E-Start)		12	6	506 011 004 A51 4	12N5,5-3B
PX 80		12	8	508 013 008 A51 4	YB7-A
PX 80 E		12	8 9	508 013 008 A51 4 509 014 008 A51 4	YB7-A 12N9-4B-1 YB9-B
PX 80 E Lusso	90 – 96	12	8	508 013 008 A51 4	YB7-A
PX 80 E Lusso (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Sfera 80		12	5	505 012 003 A51 4	12N5-3B YB5L-B
Sfera 80 Automatic	93 – 95	12	5	505 012 003 A51 4	12N5-3B YB5L-B
TPH 80	95 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B

100 CCM

Fly 150	06 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
PK 100 XL		12	8	508 013 008 A51 4	YB7-A

125 CCM

Beverly Sport	07 →	12	10	510 012 009 A51 4	YTX12-BS
125 TG 1		6	12	012 014 008 A51 4	6N11A-3A
125 XR1 /XR2 (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
125 XR1 /XR2 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Cosa FL125		12	8	508 013 008 A51 4	YB7-A
Freestyle 125 (E-Start)	91 – 92	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Hexagon RST	→ 99	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
P 125 X	→ 98	12	6	506 011 004 A51 4	12N5,5-3B
PX 125 E Lusso	82 →	12	6	506 011 004 A51 4	12N5,5-3B
RC 125 Rally		12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
Sfrea	96 – 98	12	8	508 013 008 A51 4	YB7-A
SKR 125	94 – 98	12	8	508 013 008 A51 4	YB7-A
TPH 125		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Vespa ET 4	→ 99	12	8	508 012 008 A51 4	YTX9-BS
Vespa PX E	→ 98	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B

150 CCM

Cosa CL, X		12	8	508 013 008 A51 4	YB7-A
EX 150		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Hexagon RST	95 – 97	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Liberty LE 150	00 →	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
PX 1250 E Lusso		12	6	506 011 004 A51 4	12N5,5-3B
Vigili Urbani 150		6	12	012 014 008 A51 4	6N11A-3A



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PIAGGIO-VESPA

200 CCM

Beverly	01 – 08	12	10	510 012 009 A51 4	YTX12-BS
Camaby	06 – 08	12	10	510 012 009 A51 4	YTX12-BS
Vespa GT	05 – 08	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
Arizona 200 (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Arizona 200 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B
Cosa 200	→ 92	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
PX 200	85 →	12	6	506 011 004 A51 4	12N5,5-3B
PX200 E Lusso	77 – 90	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
T4 200	79 →	12	6	506 011 004 A51 4	12N5,5-3B
Vespa PX	94 – 08	12	9	509 014 008 A51 4	12N9-4B-1 YB9-B

250 CCM

Camaby	08 →	12	10	510 012 009 A51 4	YTX12-BS
MP3	06 →	12	10	510 012 009 A51 4	YTX12-BS
X-Evo	07 →	12	10	510 012 009 A51 4	YTX12-BS
Arizona Rally 250		12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
Hexagon	99 →	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
NGR 250		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
RV 250 GR		12	6	506 011 004 A51 4	12N5,5-3B
X9	01 →	12	11	511 012 009 A51 4	
X9	→ 01	12	10	510 012 009 A51 4	YTX12-BS

300 CCM

Vespa GTS Super	08 →	12	10	510 012 009 A51 4	YTX12-BS
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350 CCM

350 Dakota		12	6	506 011 004 A51 4	12N5,5-3B
Dakota 350 (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
ER 350 (E-Start)		12	11	511 012 009 A51 4	
Itoh		12	14	514 011 014 A51 4	12N14-3A YB14-A2

400 CCM

Beverly	06 →	12	10	510 012 009 A51 4	YTX12-BS
X-Evo	07 →	12	10	510 012 009 A51 4	YTX12-BS

500 CCM

Beverly	07 →	12	10	510 012 009 A51 4	YTX12-BS
Dakota 500 (E-Start)		12	9	509 014 008 A51 4	12N9-4B-1
		12	11	511 013 009 A51 4	YB9-B 12N10-3B YB10L-B YB10L-B2
Dakota 500 (K-Start)		12	6	506 011 004 A51 4	12N5,5-3B

600 CCM

Cobra		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Nord-West 600	92 – 94	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
RCK 600 S	94 →	12	6	506 011 004 A51 4	12N5,5-3B



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POLARIS						
1500 CCM						
Victory	98 – 99	12	18	518 901 026 A51 4	YTX20L-BS	

PUCH						
50 CCM						
Lido 50 SL, Vario		12	4	504 011 002 A51 4	YB4L-B	
80 CCM						
Lido 80 SE		12	5	505 012 003 A51 4	12N5-3B YB5L-B	
125 CCM						
Lido 125 CD		12	8	508 013 008 A51 4	YB7-A	

RIZZATO						
50 CCM						
Byte AT 10		12	4	504 011 002 A51 4	YB4L-B	

SANGLAS						
400 CCM						
400Y		12	12	512 011 014 A51 4	12N12A-4A-1 YB12A-A	
500 CCM						
500S2-V5		12	14	514 011 014 A51 4	12N14-3A YB14L-A2	

SANYANG						
50 CCM						
Big Wheel	96 →	12	3	503 014 003 A51 4	YT4L-BS	
Free	97 →	12	3	503 014 003 A51 4	YT4L-BS	
Pure	99 →	12	3	503 014 003 A51 4	YT4L-BS	
Super Fancy	96 – 97	12	3	503 014 003 A51 4	YT4L-BS	
125 CCM						
Duke	95 – 96	12	6	506 015 005 A51 4	YTX7A-BS	
Husky	96 – 99	12	6	506 014 005 A51 4	YTX7L-BS	
150 CCM						
Attila	99 →	12	6	506 015 005 A51 4	YTX7A-BS	





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SIMSON					
25 CCM					
Hbicht 25	96 →	12	6	506 011 004 A51 4	12N5,5-3B
50 CCM					
Albatros	97 →	12	6	506 011 004 A51 4	12N5,5-3B
Albatros (E-Start)	97 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
Alpha B, C S53, M S53 M	95 →	12	6	506 011 004 A51 4	12N5,5-3B
Classic	96 – 97	12	6	506 011 004 A51 4	12N5,5-3B
Habicht 50, 50S	96 →	12	6	506 011 004 A51 4	12N5,5-3B
S 50		6	12	012 014 008 A51 4	6N11A-3A
S 51/1, B, C, E		12	6	506 011 004 A51 4	12N5,5-3B
S 53, B, C, CX, E, N, OR	93 →	12	6	506 011 004 A51 4	12N5,5-3B
SR 50/1, B, C, XC, XCE, XG	94 →	12	6	506 011 004 A51 4	12N5,5-3B
SR 50 2CE, CCE, XGE (E-Start)	94 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
70 CCM					
S70/1,E		12	6	506 011 004 A51 4	12N5,5-3B
S 70, C, E		6	12	012 014 008 A51 4	6N11A-3A
80 CCM					
Basic Habicht 80, S	96 →	12	6	506 011 004 A51 4	12N5,5-3B
S 3, B, eta, CX, E, OR		12	6	506 011 004 A51 4	12N5,5-3B
SR 80	94 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B

		V	Ah	Code Varta	Code JIS
SUZUKI					
50 CCM					
AD 50 A	91 – 95	12	3	503 014 003 A51 4	YT4L-BS
Address 50	97 →	12	3	503 014 003 A51 4	YT4L-BS
AG 50 T	95 →	12	3	503 014 003 A51 4	YT4L-BS
AH 50 Address	93 – 95	12	3	503 014 003 A51 4	YT4L-BS
AJ 50	95 – 95	12	3	503 014 003 A51 4	YT4L-BS
AP 50,R7	95 – 96	12	3	503 014 003 A51 4	YT4L-BS
AY 50 Katana, W, WR	→ 98	12	3	503 014 003 A51 4	YT4L-BS
RG 50	91 →	12	4	504 011 002 A51 4	YB4L-B
TS 50 W	91 – 96	12	4	504 011 002 A51 4	YB4L-B
TS 50, X, XA, XK	90 – 96	12	3	503 014 003 A51 4	YT4L-BS
TV 50		12	4	504 011 002 A51 4	YB4L-B
UX 50 W Zillion	99 →	12	3	503 014 003 A51 4	YT4L-BS
80 CCM					
CP 80, CS 80		12	5	505 012 003 A51 4	12N5-3B YB5L-B
DG 80	91 →	12	4	504 011 002 A51 4	YB4L-B
FB 80 M	91 – 95	12	3	503 014 003 A51 4	YT4L-BS
FR 80	95 →	12	3	503 014 003 A51 4	YT4L-BS
RG 80, C, Gamma	85 – 95	12	4	504 011 002 A51 4	YB4L-B
90 CCM					
CS 90 G		12	5	505 012 003 A51 4	12N5-3B YB5L-B
100 CCM					
FB 100 D	91 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
125 CCM					
UE 125	01 – 08	12	6	506 015 005 A51 4	YTX7A-BS
VL 125 LC Intruder	99 – 02	12	6	506 014 005 A51 4	YTX7L-BS
AN125	95 – 96	12	6	506 015 005 A51 4	YTX7A-BS
DN 125	91 →	12	8	508 013 008 A51 4	YB7-A
DR 125 D, S	87 – 90	12	4	504 011 002 A51 4	YB4L-B
DR 125, SE, SES	94 – 95	12	6	506 014 005 A51 4	YTX7L-BS
GN 125 E, U	91 – 96	12	8	508 013 008 A51 4	YB7-A
GS 125 ES, S	→ 99	12	8	508 013 008 A51 4	YB7-A
GZ 125 Marauder	99 →	12	6	506 014 005 A51 4	YTX7L-BS
K 125			11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
RG 125, F	92 – 95	12	6	506 015 005 A51 4	YTX7A-BS
RG 125 U		12	4	504 011 002 A51 4	YB4L-B
RV 125 R, SE	94 →	12	6	506 014 005 A51 4	YTX7L-BS
TS 125 SZ		12	3	503 014 003 A51 4	YT4L-BS
150 CCM					
AN 150	→ 98	12	6	506 015 005 A51 4	YTX7A-BS
200 CCM					
UH Burgman	07 →	12	8	508 012 008 A51 4	YTX9-BS
DR 200 SE	96 – 03	12	6	506 014 005 A51 4	YTX7L-BS
GT 200, E, EN, N, X5E	79 →	12	8	508 013 008 A51 4	YB7-A
T200		12	5	505 012 003 A51 4	12N5-3B YB5L-B
TS 200, R, RM	93 – 92	12	3	503 014 003 A51 4	YT4L-BS
240 CCM					
TS 240, X		12	4	504 011 002 A51 4	YB4L-B



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SUZUKI					
250 CCM					
AN 250 Burgman	03 – 03	12	11	511 901 014 A51 4	YT12A-BS
AN 250 Burgman	098 – 99	12	6	506 015 005 A51 4	YTX7A-BS
DR 250 S	84 – 90	12	4	504 011 002 A51 4	YB4L-B
DR 250 S	90 – 93	12	3	503 014 003 A51 4	YT4L-BS
DR 250 S EP, ER, ES	94 – 96	12	6	506 014 005 A51 4	YTX7L-BS
GN 250, E	82 – 96	12	11	511 012 009 A51 4	
GNX 250, E	85 – 92	12	11	511 012 009 A51 4	
GSF 250	95 →	12	6	506 015 005 A51 4	YTX7A-BS
GSX 250 E	82 →	12	11	511 012 009 A51 4	
GSX 250 F, S	91 – 95	12	6	506 015 005 A51 4	YTX7A-BS
GT 250 ET	94 →	12	11	511 012 009 A51 4	
GZ 250 Marauder	99 – 03	12	6	506 014 005 A51 4	YTX7L-BS
Model T20	69 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
RG 250 Series	87 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
RGV 250, K, L, M	89 – 95	12	3	503 014 003 A51 4	YT4L-BS
SP 250	92 →	12	4	504 011 002 A51 4	YB4L-B
T250	72 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
TS 250 X	86 – 94	12	4	504 011 002 A51 4	YB4L-B
305 CCM					
Scrambler TV 305	69 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
350 CCM					
DR 350 SE, SES	94 – 99	12	6	506 014 005 A51 4	YTX7L-BS
DR 350, D, SH	90 – 99	12	3	503 014 003 A51 4	YT4L-BS
T350 Series	79 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
380 CCM					
GT 380		12	8	508 013 008 A51 4	YB7-A
400 CCM					
AN 400 Burgman	03 – 06	12	11	511 901 014 A51 4	YT12A-BS
AN 400 Burgman	07 – 09	12	8	508 012 008 A51 4	YTX9-BS
AN 400 Burgman	99 – 02	12	8	508 012 008 A51 4	YTX9-BS
DR- Z400, E	00 – 03	12	7	507 901 012 A51 4	YT7B-BS
GS 400, E	91 →	12	8	508 012 008 A51 4	YTX9-BS
GSF 400, Bandit, L, M	91 – 95	12	8	508 012 008 A51 4	YTX9-BS
TS 400, T	→ 92	12	11	511 012 009 A51 4	
425 CCM					
GS 425, E, L	79 →	12	11	511 012 009 A51 4	
500 CCM					
DR 500		12	4	504 011 002 A51 4	YB4L-B
GS 500, E	01 – 02	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
GS 500, E, EN, L, T	79 →	12	11	511 012 009 A51 4	
GT 500, B	92 →	12	11	511 012 009 A51 4	
SP 500	92 →	12	4	504 011 002 A51 4	YB4L-B
550 CCM					
GSX 550, E, EF, ES, EU, EV, L	→ 92	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
GT 550, J, K, L, M	→ 92	12	11	511 012 009 A51 4	



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SUZUKI

600 CCM

GSX-R	06 →	12	8	508 012 008 A51 4	YTX9-BS
DR 600, R, R DA, RS, RU, S, SU	→ 93	12	5	505 012 003 A51 4	12N5-3B YB5L-B
GSF 600 S / Bandit	96 – 03	12	8	508 012 008 A51 4	YTX9-BS
GSX600 F	88 – 97	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
GSX 600 F Katana	98 – 03	12	8	508 012 008 A51 4	YTX9-BS
GSX-R 600 V, W	97 – 03	12	8	508 012 008 A51 4	YTX9-BS
RF 600, R, RU	93 →	12	8	508 012 008 A51 4	YTX9-BS
SP 600	85 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
VS 600 GLF	95 →	12	16	516 015 016 A51 4	YB16B-A YB16B-A1

650 CCM

AN 650 Burgman	02 – 09	12	12	512 014 010 A51 4	YTX14-BS
DL 650	04 – 07	12	10	510 012 009 A51 4	YTX12-BS
DL 650 Black Rhino	06 – 07	12	10	510 012 009 A51 4	YTX12-BS
GSX650F	08 – 09	12	8	508 012 008 A51 4	YTX9-BS
SV 650	99 – 02	12	11	511 901 014 A51 4	YT12A-BS
SV 650	03 – 06	12	10	510 012 009 A51 4	YTX12-BS
SV 650 S	03 – 07	12	10	510 012 009 A51 4	YTX12-BS
SV 650 S ABS	07 →	12	11	511 901 014 A51 4	YT12A-BS
V-Storm	04 →	12	10	510 012 009 A51 4	YTX12-BS
DR 650 R	92 – 94	12	3	503 014 003 A51 4	YT4L-BS
DR 650 R Dakar		12	5	505 012 003 A51 4	12N5-3B YB5L-B
DR 650 RSE	91 →	12	12	512 014 010 A51 4	YTX14-BS
DR 650 S	90 – 91	12	5	505 012 003 A51 4	12N5-3B YB5L-B
DR 650 S	92 – 95	12	3	503 014 003 A51 4	YT4L-BS
DR 650 SE	96 – 97	12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
DR 650 SE	98 – 03	12	8	508 012 008 A51 4	YTX9-BS
DR 650 SE (CN)	96 – 97	12	8	508 012 008 A51 4	YTX9-BS
DR 650 S ER	94 – 5	12	10	510 012 009 A51 4	YTX12-BS
DR 650 SES	95 →	12	10	510 012 009 A51 4	YTX12-BS
GR 650, Tempter, X Tempter	83 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GS 650, E, EX	83 – 92	12	11	511 012 009 A51 4	
LS650, F, P, PS, Savage, T	86 →	12	14	514 013 014 A51 4	YB14L-A2
XF 650 Freewind	97 →	12	8	508 012 008 A51 4	YTX9-BS
XN 85 Turbo	83 – 92	12	14	514 011 014 A51 4	12N14-3A YB14L-A2

700 CCM

GS 700 E, ES	85 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GV 700 GL Madura	85 →	12	14	514 013 014 A51 4	YB14L-B2



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SUZUKI

750 CCM

DR 750, S, SU	→ 89	12	14	514 013 014 A51 4	YB14L-A2
GSR 750, R		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GSW 750	98 – 01	12	8	508 012 008 A51 4	YTX9-BS
GSW 750 F	89 – 96	12	14	514 013 014 A51 4	YB14L-B2
GSW 750 F, F Katana	98 – 03	12	8	508 012 008 A51 4	YTX9-BS
GSX 750 P, W, WS	93 – 95	12	10	510 012 009 A51 4	YTX12-BS
GSX R 750	85 – 82	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
GSX R 750	00 – 09	12	11	511 901 014 A51 4	YT12A-BS
GSX R 750 W	93 →	12	10	510 012 009 A51 4	YTX12-BS
GSX R 750 W	94 – 95	12	8	508 012 008 A51 4	YTX9-BS
VS 750 GL/F, GL/P	85 – 91	12	16	516 015 016 A51 4	YB16B-A YB16B-A1

800 CCM

Intruder	05 →	12	10	510 012 009 A51 4	YTX12-BS
DR 800, BIG, S	90 →	12	14	514 013 014 A51 4	YB14L-B2
DR 800 SU (M)	91 – 96	12	12	512 014 010 A51 4	YTX14-BS
VL 800 Intruder Volusia	01 – 03	12	10	510 012 009 A51 4	YTX12-BS
VS 800 GL	92 – 03	12	16	516 015 016 A51 4	YB16B-A YB16B-A1
VX 800, U	90 – 96	12	16	516 015 016 A51 4	YB16B-A YB16B-A1
VZ 800 Marauder	97 – 03	12	10	510 012 009 A51 4	YTX12-BS

900 CCM

RF 900, R, S, S2, ZS	94 – 97	12	9	508 012 008 A51 4	YTX9-BS
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1000 CCM

GSX-R1000	05 – 06	12	11	511 901 014 A51 4	YT12A-BS
SV 1000	03 – 08	12	12	512 014 010 A51 4	YTX14-BS
DL 1000	02 – 07	12	12	512 014 010 A51 4	YTX14-BS
GSX-R 1000	07 – 08	12	11	511 901 014 A51 4	YT12A-BS
TL 1000	97 – 01	12	10	510 012 009 A51 4	YTX12-BS

1100 CCM

GS 1100 G	84 – 95	12	12	512 014 010 A51 4	YTX14-BS
GSX 1100 F	88 – 90	12	14	514 013 014 A51 4	YB14L-B2
GSX 1100 F, F Katana	88 – 93	12	14	514 013 014 A51 4	YB14L-B2
GSX 1100 G	91 – 96	12	12	512 014 010 A51 4	YTX14-BS
GSX-R 1100	93 – 98	12	10	510 012 009 A51 4	YTX12-BS
GSX-R 1100 W	93 – 99	12	10	510 012 009 A51 4	YTX12-BS

1200 CCM

GSF 1200 S	06 – 09	12	11	511 901 014 A51 4	YT12A-BS
GSF 1200, S, SA Bandit	97 – 03	12	10	510 012 009 A51 4	YTX12-BS
GSX 1200	99 →	12	10	510 012 009 A51 4	YTX12-BS

1250 CCM

GSF 1250	07 →	12	11	511 901 014 A51 4	YT12A-BS
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1300CCM




GSX 1300BK B King	07 →	12	10	510 012 009 A51 4	YTX12-BS
GSX 1300R Hayabusa	99 – 03	12	11	511 901 014 A51 4	YT12A-BS

1400 CCM

GSX 1400	01 – 02	12	12	512 014 010 A51 4	YTX14-BS
VS 1400 Intruder	87 – 03	12	14	514 901 022 A51 4	YTX16-BS-1

1500 CCM

Intruder 1500	98 →	12	14	514 901 022 A51 4	YTX16-BS-1
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SYM					
50 CCM					
DD	02 – 09	12	3	503 014 003 A51 4	YT4L-BS
Jet	98 – 08	12	3	503 014 003 A51 4	YT4L-BS
Mi o	09 →	12	4	504 012 003 A51 4	YTX5L-BS
Red Devil	00 – 08	12	3	503 014 003 A51 4	YT4L-BS
Big Wheel 50	96 →	12	3	503 014 003 A51 4	YT4L-BS
100 CCM					
Jet	98 -08	12	3	503 014 003 A51 4	YT4L-BS
125 CCM					
Duke 125	95 →	12	6	506 015 005 A51 4	YTX7A-BS
Super Duke	96 →	12	6	506 015 005 A51 4	YTX7A-BS
200 CCM					
HD	09 →	12	8	508 012 008 A51 4	YTX9-BS

TGB/WINKING					
50 CCM					
50 Akros, Ergon	97 →	12	3	503 014 003 A51 4	YT4L-BS
AS 50 X Bunny, Kurier	95 – 96	12	4	504 011 002 A51 4	YB4L-B
AT 50Series		12	4	504 011 002 A51 4	YB4L-B

TRIUMPH					
120 CCM					
Bonneville		12	7	507 012 004 A51 4	12N7-3B YB7L-B
150 CCM					
Trident		12	7	507 012 004 A51 4	12N7-3B YB7L-B
600 CCM					
TT 600	00 →	12	10	510 012 009 A51 4	YTX12-BS
675 CCM					
Daytona (90 kW)	06 →	12	7	507 901 012 A51 4	YT7B-BS
Street Triple	07 →	12	8	508 012 008 A51 4	YTX9-BS
750 CCM					
Bonneville		12	9	509 014 008 A51 4	12N9-4B-1 YB9-B
Daytona	91 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Speed Triple	97 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
TSS 750		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
800 CCM					
Bonneville 800 (45 kW)	01 – 09	12	10	510 012 009 A51 4	YTX12-BS
865 CCM					
Bonneville 865	05 – 06	12	10	510 012 009 A51 4	YTX12-BS
Scrambler 865	06 →	12	10	510 012 009 A51 4	YTX12-BS
900 CCM					
Speedmaster	05 – 08	12	10	510 012 009 A51 4	YTX12-BS
Thrupton	03 – 08	12	10	510 012 009 A51 4	YTX12-BS
Adventurer 900	96 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2



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TRIUMPH

900 CCM

Daytona	93 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Legend TT	98 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Saxon Triumph	95 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Speed Triple	94 – 96	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Sport Sprint	97 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Tiger	93 – 98	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
Trident	91 – 98	12	14	514 011 014 A51 4	12N14-3A YB14L-A2

950 CCM

T595	97 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
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955 CCM

Tiger	02 →	12	10	510 012 009 A51 4	YTX12-BS
Daytona 955i	99 →	12	12	512 014 010 A51 4	YTX14-BS

1000 – 1200 CCM

Speed Triple 100	05 – 08	12	10	510 012 009 A51 4	YTX12-BS
Tiger 1000	07 – 08	12	10	510 012 009 A51 4	YTX12-BS
Daytona	91 – 98	12	14	514 011 014 A51 4	12N14-3A YB14L-A2

2300 CCM

Rocket III	04 – 08	12	18	518 901 026 A51 4	YTX20L-BS
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YAMAHA					
100 CCM					
Aerox 100	00 →	12	3	503 014 003 A51 4	YT4L-BS
V 100, E	→ 91	12	5	505 012 003 A51 4	12N5-3B YB5L-B
YL 2C/CM	68 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
YT 100 (Taiwan)	99 →	12	4	504 012 003 A51 4	YTX5L-BS
110 CCM					
V110, E	→ 92	12	3	503 013 001 A51 4	YB3L-B
125 CCM					
DT 125 RE	99 – 08	12	3	503 013 001 A51 4	YB3L-B
NXC 125 Cygnus X	04 – 08	12	6	506 015 005 A51 4	YTX7A-BS
TZ 125	01 – 08	12	5	505 012 003 A51 4	12N5-3B YB5L-B
YBR 125	02 – 08	12	6	506 014 005 A51 4	YTX7L-BS
YP R X-Max	06 →	12	8	508 012 008 A51 4	YTX9-BS
Zuma 125	09 →	12	6	506 015 005 A51 4	YTX7A-BS
DT 125 RE	91 – 08	12	3	503 013 001 A51 4	YB3L-B
RD 125 LC	82 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
SR 125		12	7	507 012 004 A51 4	12N7-3B YB7L-B
SV 125	90 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
TTR 125E/LE Electric Start	03 →	12	3	503 014 003 A51 4	YT4L-BS
TZR 125, R		12	5	505 012 003 A51 4	12N5-3B YB5L-B
XC 125 Cygnus	94 – 04	12	6	506 015 005 A51 4	YTX7A-BS
XC 125 Riva	94 – 95	12	6	506 015 005 A51 4	YTX7A-BS
XV125	97 →	12	11	511 012 009 A51 4	
XVS 125	→ 00	12	7	507 012 004 A51 4	12N7-3B YB7L-B
YAS 1/C	68 →	12	6	506 011 004 A51 4	12N5,5-3B
135 CCM					
RX 135 Z		12	5	505 012 003 A51 4	12N5-3B YB5L-B
150 CCM					
CZ 150 R		12	11	511 013 009 A51 4	12N10-3B YB10L-B YB10L-B2
RX 150	95 →	12	3	503 013 001 A51 4	YB3L-B
180 CCM					
XC 180 Cygnus (Roller)	93 →	12	11	511 012 009 A51 4	
200CCM					
DT 200 RE	93 →	12	3	503 013 001 A51 4	YB3L-B
XC 200 Riva, Z Riva	87 – 91	12	11	511 013 007 A51 4	12N10-3B YB10L-B YB10L-B2

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YAMAHA					
250 CCM					
Monphous	06 – 07	12	8	508 901 015 A51 4	YTZ10S-BS
TZR 250	00 →	12	3	503 903 004 A51 4	YTR4A-BS
VP X-City	07 →	12	8	508 012 008 A51 4	YTX9-BS
YBR 2503	06 →	12	6	506 014 005 A51 4	YTX7L-BS
FZR 250 R		12	11	511 012 009 A51 4	
RZ 250 R		12	5	505 012 003 A51 4	12N5-3B YB5L-B
SRV 250, G	93 →	12	6	506 015 005 A51 4	
SRX 250	87 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
TDR 250	88 – 90	12	5	505 012 003 A51 4	12N5-3B YB5L-B
TZR 250	87 – 90	12	5	505 012 003 A51 4	12N5-3B YB5L-B
XV 250 Series	89 – 03	12	11	511 012 009 A51 4	
YD 250, S		12	14	514 011 014 A51 4	12N14-3A YB14L-A2
YP 250 Majesty	00 →	12	7	507 901 012 A51 4	YT7B-BS
350 CCM					
R3	69 →	12	5	505 012 003 A51 4	12N5-3B YB5L-B
XT 350, F, G, H, N	85 – 00	12	3	503 013 001 A51 4	YB3L-B
YR2/C	68 →	12	6	506 011 004 A51 4	12N5,5-3B
360 CCM					
XS 360-2	77 →	12	7	507 012 004 A51 4	12N7-3B YB7L-B
400 CCM					
YP 400	04/08/11	12	9	509 902 008 A51 4	YT9B-BS
FZR 400 Exup SP		12	8	508 012 008 A51 4	YTX9-BS
FZR 400, S	88 -90	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
SRX 400		12	5	505 012 003 A51 4	12N5-3B YB5L-B
XS 400 Serie	78 – 90	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
XV 400	95 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
500 CCM					
XP 500	06 – 08	12	9	509 902 008 A51 4	YT9B-BS
XP T-Max	08 →	12	8	508 901 015 A51 4	YTZ10S-BS
FXR 500	93 →	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
T-Max	00 – 02	12	9	509 902 008 A51 4	YT9B-BS
XT 500 E	86 – 90	12	3	503 013 001 A51 4	YB3L-B
XT 500 E	93 – 95	12	8	508 012 008 A51 4	YTX9-BS
XV 500, SE, Virago	83 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
535 CCM					
XV 535 Series	88 – 96	12	12	512 013 012 A51 4	YB12AL-A YB12AL-A2
550 CCM					
XZ 550, R, S	82 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2



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YAMAHA

600 CCM

FZ 600 Fazer	04 – 06	12	12	512 901 019 A51 4	YT12B-BS
YZF-R6	06 – 09	12	9	509 902 008 A51 4	YT9B-BS
FZ 600 Fazer	86 – 03	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
FZR 600 R	94 – 99	12	10	510 012 009 A51 4	YTX12-BS
FZR 600 Series	89 – 94	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
FZS 600 Fazer	98 →	12	12	512 901 019 A51 4	YT12B-BS
SRX 600, H, N	86 – 90	12	5	505 012 003 A51 4	12N5-3B YB5L-B
XJ 600 Series	84 – 92	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
XJ 600 Series	92 -96	12	8	508 012 008 A51 4	YTX9-BS
XT 600 E Series	90 – 95	12	8	508 012 008 A51 4	YTX9-BS
XT 600 Series	84 – 89	12	5	505 012 003 A51 4	12N5-3B YB5L-B
YX 600 Radian	86 – 90	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
YZF 600 FGC, R, RG	95 – 03	12	10	510 012 009 A51 4	YTX12-BS
YZF-R6S	01 – 07	12	9	509 902 008 A51 4	YT9B-BS

650 CCM

TX 650	73 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
TX 650	74 →	12	14	514 011 014 A51 4	12N14-3A YB14-A2
XS2	72 →	12	12	512 011 012 A51 4	12N12A-4A-1 YB12A-A
XV 650 V-Star	93 – 03	12	12	512 901 019 A51 4	YT12B-BS
XVS 650 Drag Star		12	12	512 901 019 A51 4	YT12B-BS

660 CCM



MT 03	06 →	12	9	509 902 008 A51 4	YT9B-BS
XT 660	04 – 08	12	9	509 902 008 A51 4	YT9B-BS
QZR 660	96 →	12	8	508 012 008 A51 4	YTX9-BS
XTZ 660 Tenere	90 – 04	12	8	508 012 008 A51 4	YTX9-BS

700 CCM

FZ 700	87 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
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750 CCM

FX 750	→ 92	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
FZ 750, P	85 – 94	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
FZR 750	87 – 91	12	8 14	508 012 008 A51 4 514 011 014 A51 4	YTX9-BS 12N14-3A YB14L-A2
FZX 750 Fazer	87 – 89	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
XTZ 750 H, N	89 – 95	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
XV 750 Series	92 – 95	12	16	516 016 012 A51 4	YB16AL-A2
YZF 750 R, R6, RF, RH, SP	93 – 98	12	10	510 012 009 A51 4	YTX12-BS
YZF-R7, owo2	99 →	12	9	509 902 008 A51 4	YT9B-BS

		V	Ah	Code Varta	Code JIS
YAMAHA					
850 CCM					
TDM 850, H, N	94 →	12	10	510 012 009 A51 4	YTX12-BS
TRX 850		12	10	510 012 009 A51 4	YTX12-BS
900 CCM					
TDM 900	05 →	12	10	510 012 009 A51 4	YTX12-BS
XJ 900, F, R Seca	83 →	12	14	514 011 014 A51 4	12N14-3A YB14L-A2
XJ 900 S Diversion	95 →	12	12	512 014 010 A51 4	YTX14-BS
920 CCM					
XV 920 M Midnight Virago	83 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
1000 CCM					
FZ1 Fazer	06 →	12	11	511 902 023 A51 4	YTZ14S-BS
YZF-R1	04 – 09	12	8	508 901 015 A51 4	YTZ10S-BS
FZR 1000 Series	87 – 90	12	14	514 011 014 A51 4	12N14-3A YB14-A2
FZR 1000 Series	91 – 95	12	12	512 014 010 A51 4	YTX14-BS
FZS 1000 FZ1	01 – 03	12	12	512 903 013 A51 4	YT14B-BS
GTS 1000	93 – 94	12	12	512 014 010 A51 4	YTX14-BS
1100 CCM					
BT 1100 Bulldog	02 – 07	12	12	512 903 013 A51 4	YT12B-BS
FJ 1100	84 – 92	12	14	514 011 014 A51 4	12N14-3A YB14-A2
XV 1100 G, GC	95 →	12	20	520 012 020 A51 4	Y50-N18L-A Y50-N18L-A2
XVS1100	99 – 03	12	12	512 903 013 A51 4	YT12B-BS
1200 CCM					
FJ 1200	86 – 90	12	14	514 011 014 A51 4	12N14-3A YB14-A2
FJ 1200	91 – 93	12	12	512 014 010 A51 4	YTX14-BS
VMX12F, FG	94 →	12	16	516 016 012 A51 4	YB16AL-A2
VMX12 V-MAX	85 – 03	12	16	516 016 012 A51 4	YB16AL-A2
XJR 1200	95 →	12	12	512 014 010 A51 4	YTX14-BS
1300CCM					
XJR 1300, SP	99 – 99	12	12	512 903 013 A51 4	YT14B-BS
XVS 1300 A Midnight Star	07 →	12	18	518 901 026 A51 4	YTX20L-BS
FJR 1300	03 – 03	12	12	512 903 013 A51 4	YT14B-BS
V-MAX	85 →	12	16	516 016 012 A51 4	YB16AL-A2
XVZ 1300 AT Tour Classic	99 →	12	18	518 901 026 A51 4	YTX20L-BS
XVZ 1300 Royal Star	96 →	12	18	518 901 026 A51 4	YTX20L-BS
XV Z13 Royal Star / Venture	96 – 03	12	18	518 901 026 A51 4	YTX20L-BS
1600 CCM					
XV 1600 A Wild Star	→ 00	12	18	518 901 026 A51 4	YTX20L-BS
XV 1600 Road Star	99 – 03	12	18	518 901 026 A51 4	YTX20L-BS
1700 CCM					
MT 01	05 →	12	12	512 903 013 A51 4	YT14B-BS
XV 1700 Road Star Warrior	02 →	12	12	512 903 013 A51 4	YT14B-BS
1854 CCM					
Roadliner, Stratoliner	06 – 09	12	12	512 903 013 A51 4	YT14B-BS
1900 CCM					
XV 1900 Midnight Star	06 →	12	12	512 903 013 A51 4	YT14B-BS



V

Ah

Code Varta

Code JIS

ZUENDAPP

80 CCM

KS 80 Super

12

9

509 015 008 A51 4

12N9-3B
YB9L-B

125 CCM

GS 125, KS 125

6

12

012 014 008 A51 4

6N11A-3A

175 CCM

KS 175

6

12

012 014 008 A51 4

6N11A-3A