



SELECTION GUIDE

Keep the feeling alive

Yuasa powersports batteries are precision engineered from premium materials to deliver exactly what you want: maximum starting power, superior performance and longer life!



 **YUASA**
POWERSPORTS BATTERIES

The Genuine Article



Developed in collaboration with vehicle manufacturers, Yuasa Powersports batteries set the standard in technology and performance and are original equipment (OE) to the world's leading powersports vehicles.

With over 100 years' experience dedicated to the supply and manufacture of superior quality batteries, only genuine Yuasa Powersports batteries utilise the finest raw materials and state-of-the-art manufacturing processes approved by the world's leading vehicle manufacturers.



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A Proven Leader for Stored Energy Solutions

YUASA BATTERIES ARE AVAILABLE THROUGH CENTURY YUASA, AUSTRALIA'S LEADING BATTERY SUPPLIER. OUR REPUTATION FOR QUALITY AND INNOVATION HAS BEEN REFINED AND DEMONSTRATED OVER MANY DECADES.

In this time we have developed the engineering expertise and technical know-how to ensure we deliver a range of superior quality batteries better suited to Australia's diverse climate and tough conditions.

Today we pride ourselves in offering our customers a range of market leading products and services which continue to set new standards in technology and performance.

The Yuasa Powersports product range includes a comprehensive selection of technologically advanced products for use in a diverse range of applications:



MOTORCYCLES



SCOOTERS



ATV



PERSONAL
WATERCRAFT



UTILITY
VEHICLES



SNOW MOBILE

A True Global Leader

OUR PARENT COMPANY GS YUASA IS ONE OF THE WORLD'S LARGEST BATTERY MANUFACTURERS AND A GLOBAL LEADER IN QUALITY AND INNOVATION.

Since its foundation in 1895, GS Yuasa has continually worked to create advanced stored energy solutions under the corporate vision of "innovation and growth". It is this philosophy that has seen GS Yuasa establish itself as a leading manufacturer of automotive and motorcycle batteries.

Proven Performance

GS YUASA ARE ORIGINAL EQUIPMENT SUPPLIERS TO THE WORLD'S LEADING VEHICLE MANUFACTURERS.

As an affiliate of the GS Yuasa Corporation, Yuasa has access to some of the most advanced technical and R&D resources available in the battery industry. This gives you the assurance that every battery in the Yuasa range has been developed using state-of-the-art manufacturing processes and technical expertise to ensure we satisfy the demands of the next generation of powersports machines.



Nationwide Warranty

EVERY YUASA BATTERY IS SUPPLIED WITH A WARRANTY AGAINST DEFECTS FOR THE PERIOD AND APPLICATION, AS DETAILED ON THE WARRANTY CARD SUPPLIED WITH EACH BATTERY.

Call 1300 361 161 for your nearest warranty claim location. Proof of purchase is required. For valid claims, Century Yuasa will replace the product free of charge. The warranty excludes defects from after sale damage, neglect, abuse or incorrect installation. You bear all transportation costs to and from the warranty claim location.

The benefits of this warranty are in addition to any other rights and remedies available at law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Century Yuasa Batteries Pty Limited, 37-65 Cobalt Street, Carole Park QLD 4300, 1300 362 287.

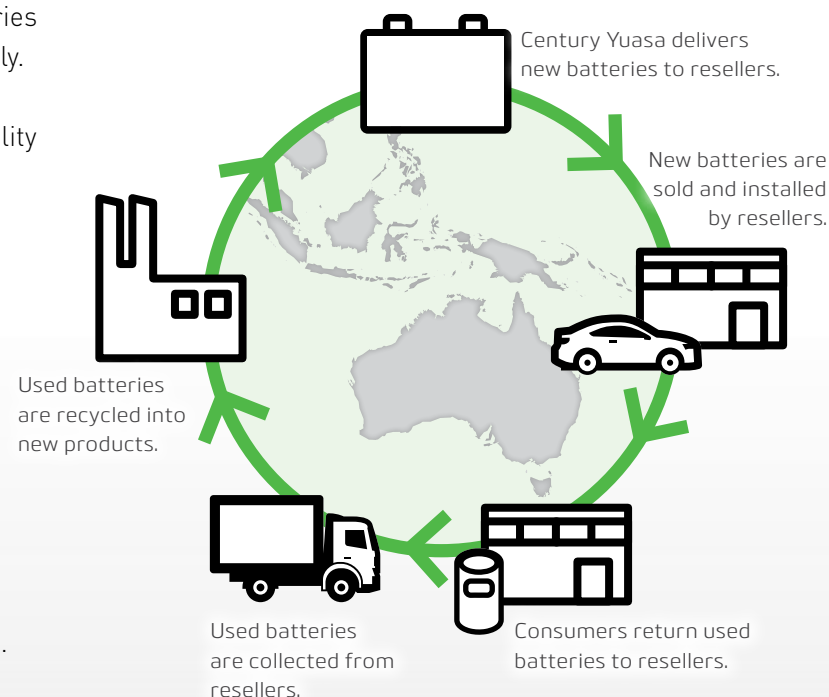
Battery Recycling



At Century Yuasa we are dedicated to caring for the environment and believe that scrap batteries should be recycled and disposed of responsibly. Our Used Lead Acid Battery (ULAB) program and commitment to environmental sustainability has seen Century Yuasa achieve SAI Global ISO14001 environmental accreditation, an international standard outlining the requirements for a structured approach to environmental protection and responsibility.

Why Recycle?

98% of a lead acid battery can be reclaimed through recycling. The lead, plastic and acid components are re-processed and manufactured into an array of other products including guide posts, cabling and detergents.



To find your nearest Battery Recycling Centre or for information on how to become a Battery Recycling Centre call **1300 650 702** or visit **recyclemybattery.com.au**

Service & Delivery

OUR NATIONAL NETWORK OF BRANCHES AND DISTRIBUTION CENTRES ARE STRATEGICALLY LOCATED ACROSS AUSTRALIA ENSURING ACCESS TO LOCALLY HELD PRODUCTS AND BATTERY EXPERTS.



Features Summary

Feature		
	GYZ Maintenance Free AGM	YTZ Maintenance Free AGM
Factory Activated	✓	✓
Dry-charged, with acid pack		
Dry-charged, no acid pack		
Maintenance Free Design†	✓	✓
Low Maintenance Design		
Lead-Calcium Technology	✓	✓
Lead-Antimonial Technology		
Expanded Plate Grid Design		✓
Radial Plate Grid Design		
Cast Plate Grid Design	✓	
Extra battery plates		
Taller Plates	✓	
VRLA (Valve Regulated Lead-Acid) batteries	✓	✓
Advanced AGM (Absorbed Glass Mat) Separator	✓	✓
Polyethylene Separator with Glass Mat		
Sulfate Stop Additive	✓	✓
Flame Arrestor	✓	✓
Through Partition Construction	✓	✓
Polypropylene case	✓	✓
Thermal bonded plastic	✓	✓
Patented Poly-Seal Terminal	✓	✓

				
High Performance MF AGM	Maintenance Free AGM	Yumicron CX	Yumicron	Conventional
	Selected Models			
✓	Selected Models			
		✓	✓	✓
✓	✓			
		✓	✓	✓
✓	✓	✓		
			✓	✓
✓	✓			
✓	✓		✓	✓
		✓	✓	✓
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Features & Benefits

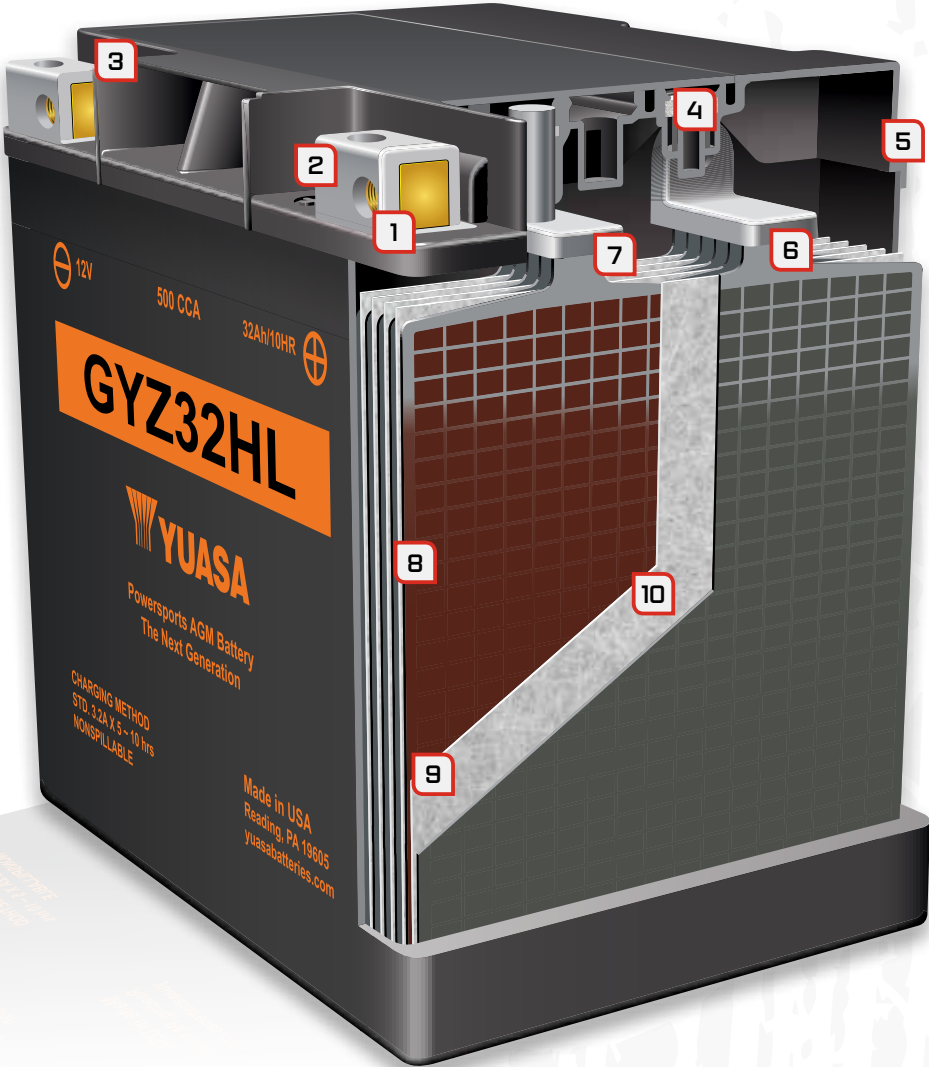
Feature	Benefit
Factory Activated	Filled, sealed and charged at the factory, these batteries are maintenance free and do not require filling before installation.
Dry-charged, with acid pack	Indefinite shelf life until activation. Acid pack provided for increased convenience.
Dry-charged, no acid pack	Indefinite shelf life until activation.
Maintenance Free Design†	Once activated these batteries do not require refilling and remain maintenance free for the life of the battery.
Low Maintenance Design	Water can be replenished to extend battery life.
Lead-Calcium Technology	Delivers improved CCA, reduced water loss and self-discharge.
Lead-Antimonial Technology	Longer life, charge acceptance and improved corrosion resistance.
Expanded Plate Grid Design	Superior cranking performance and rechargeability.
Radial Plate Grid Design	Increased conductivity for higher starting power and superior vibration resistance.
Cast Plate Grid Design	Severe vibration resistance and improved conductivity.
Extra battery plates	Additional plates for increased power.
Taller Plates	Extra surface for increased power.
VRLA (Valve Regulate Lead-Acid) battery	Valve relieves excess pressure to prevent bursting. Once activated these batteries do not require refilling and remain maintenance free for the life of the battery.
Advanced AGM (Absorbed Glass Mat) Separator	Absorbs the acid while creating cell compression for extreme vibration resistance.
Polyethylene Separator with Glass Mat	Constrain the paste into the plate for improved durability, longer life and increased vibration resistance.
Sulfate Stop Additive	Curbs plate sulphation and provides longer life.
Flame Arrestor	Flame arrestor prevents sparks entering the battery, reducing the risk of an explosion.
Through Partition Construction	Shorter current path for increased electrical conductivity and higher starting currents, heavier parts for maximum durability.
Polypropylene case	Superior resistance to gasoline and oil, impact resistant in extreme weather conditions.
Thermal bonded plastic	Air tight seal to prevent air ingress & acid seepage.
Patented Poly-Seal Terminal	Eliminates acid seepage, reduces corrosion.

The Yuasa Difference

Suitable for a diverse range of applications including motorcycles, scooters, ATV's and personal watercraft, Yuasa powersports batteries are precision engineered from premium materials to deliver exactly what enthusiasts want: maximum starting power, superior performance and longer life!

Yuasa batteries deliver exceptional vibration and impact resistance, proven reliability and reduced self-discharge, for up to 3 times longer life#.

Yuasa - The leading choice in the most demanding powersports applications.



- 1 BUILT-IN BRASS NUTS**
Up to 50% better conductivity than stainless steel[‡].
- 2 LARGE, HEAVY-DUTY FLUSH TERMINALS**
Constructed to allow front and top connections.
- 3 EZ GRIP COVER**
Simple installation[‡].
- 4 SAFETY VALVE/FLAME ARRESTOR**
Improves safety by preventing sparks or flames entering the battery and releases excess pressure.

- 5 HEAT BONDED COVER**
Eliminates leaks and corrosion.
- 6 TALLER PLATES**
Extra surface area for more power: up to 500 CCA and 32 Ah to power more accessories.
- 7 THROUGH PARTITION CONSTRUCTION**
Provides shorter current path with less resistance than 'over the partition' construction, resulting in more cranking power.

- 8 ENHANCED ACTIVE MATERIAL**
Compounded to withstand vibration, prolong battery life and dependability.
- 9 ABSORBED GLASS MAT (AGM) SEPARATORS**
Absorbed Glass Mat separators immobilise acid electrolyte to make the battery spill proof. Valve regulated design eliminates water loss and the need for refilling.
- 10 PROTECTIVE SEPARATOR MATERIAL**
Enhances vibration resistance.

Product Range Overview



GYZ Maintenance Free AGM

A range of premium quality, heavy duty VRLA batteries designed to satisfy the performance requirements and durability demanded by today's power hungry, high performance accessory laden touring bikes.

- » Up to 50% better conductivity for exceptional starting power^a
- » Additional Amp hours to power more accessories
- » Spill proof design - multi angle fitment
- » Exceptional vibration resistance
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



Maintenance Free AGM

Perfect for people with better things to do than battery maintenance. Once activated these batteries do not require refilling and remain maintenance free for the life of the battery[†].

- » Lasts up to 3 times longer[#]
- » Reduced self-discharge for longer life
- » Superior vibration resistance
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



YTZ Maintenance Free AGM

These compact, rugged, lightweight VRLA batteries deliver greater starting power from a more volume efficient unit.

- » Up to 80% more starting power per kg[~]
- » Exceptional vibration resistance
- » Spill proof design - multi angle fitment
- » Reduced self-discharge for longer life
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



Yumicron & Yumicron CX

Specially designed to meet the special demands of personal watercraft, snow mobiles, ATVs and modified bikes where dependable cranking power is a must.

- » Up to 30% more cranking power[#]
- » Low self-discharge and water loss for longer life
- » Polyethylene bonded glass mat separator – withstands vibration
- » Sulfate Stop additive to resist the effects of undercharging



YTX High Performance MF AGM

A range of high performance VRLA batteries, incorporating specialist radial plate design and extra battery plates for increased cranking amps, less maintenance and longer life.

- » Up to 30% more cranking amps[#]
- » Lasts up to 3 times longer[#]
- » Superior vibration resistance
- » Maintenance free design[†]
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



Conventional

A rugged, dependable battery engineered to withstand vibration and deliver reliable cranking power.

- » Patented separators for high cranking power
- » Reduced water loss for longer life
- » Lead-antimonial cast grid plates to withstand vibration
- » Sulfate Stop additive to resist the effects of undercharging

^aWhen compared to equivalent conventional type battery. [~]Based on comparison of Yuasa YTZ7S & YTX7L-BS batteries. [^]GYZ32HL, GYZ20H, GYZ20HL - when compared to stainless steel. [†]Once activated, supplied with acid pack.

[#]When compared to equivalent conventional type battery. [†]Once activated.



GYZ Maintenance Free AGM

A range of premium quality, heavy duty VRLA batteries designed to satisfy the performance requirements and durability demanded by today's power hungry, high performance accessory laden touring bikes.

- » Up to 50% better conductivity for exceptional starting power^a
- » Additional Amp hours for more accessories
- » Spill proof design - multi angle fitment
- » Exceptional vibration resistance
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



ITEM ID	BATTERY TYPE	UPGRADE FOR	CCA -18°C *	AH @ 10HR	 DIMENSIONS in MM [±2 mm]			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
					L	W	H					
					GYZ MAINTENANCE FREE AGM							
156033	GYZ16H**	YTX14	240	16	150	87	145	5.62	-	1.6	5	
156034	GYZ16HL**	YTX14L	240	16	150	87	145	5.62	-	1.6	5	
156035	GYZ20L**	YTX20L	250	20	175	87	155	6.89	-	2.0	4	
156036	GYZ20H**	YTX20H	320	20	175	87	155	7.12	-	2.0	13	
156037	GYZ20HL**	YTX20HL	320	20	175	87	155	7.12	-	2.0	13	
156038	GYZ32HL**	YIX30L	500	32	166	126	175	11.20	-	3.2	13	

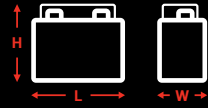


YTZ Maintenance Free AGM

The preferred choice for today's performance machines. These compact, rugged, lightweight VRLA batteries deliver greater starting power from a more volume efficient unit.

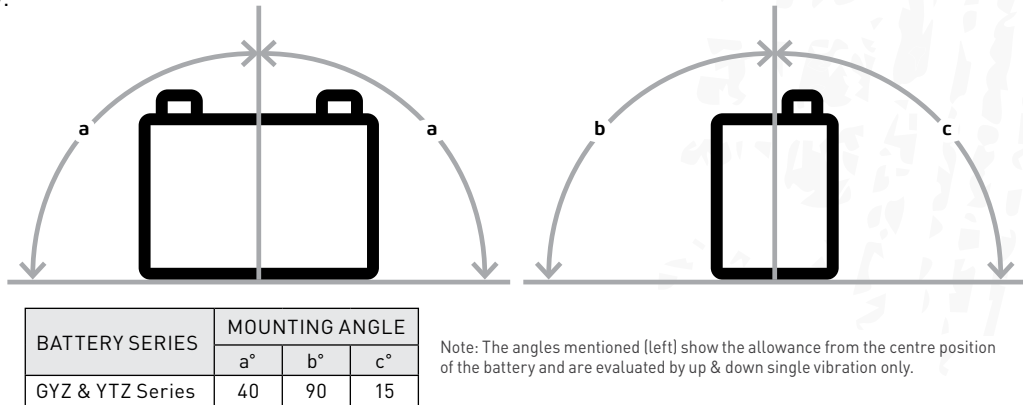
- » Up to 80% more starting power per kg[~]
- » Exceptional vibration resistance
- » Spill proof design - multi angle fitment
- » Reduced self-discharge for longer life
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
				L	W	H					
YTZ MAINTENANCE FREE AGM											
156032	YTZ7S**	130	6	113	70	105	2.1	0.5	0.6	5	
156039	YTZ8V**	120	7.4	113	70	130	2.7	-	0.7	5	
156028	YTZ10S**	190	8.6	150	87	93	3.2	-	0.9	11	
156029	YTZ12S**	210	11	150	87	110	3.7	-	1.1	11	
156030	YTZ14S**	230	11.2	150	87	110	3.9	-	1.1	11	

GYZ AND YTZ MOUNTING ANGLES

Because of their unique spill proof design, Yuasa GYZ and YTZ batteries can be installed under multiple mounting angles as explained below:



FACTORY ACTIVATED BATTERIES

Most Yuasa AGM batteries are available either "factory activated" or as a dry battery with an acid pack. A "factory activated" battery does not require filling before installation. An extensive activation process ensures complete absorption of the electrolyte so no liquid acid is contained within the battery. This process allows these batteries to be shipped from the factory ready to install.

^aGYZ32HL, GYZ20H, GYZ20HL - when compared to stainless steel. ^{**}Factory Activated: filled, sealed and charged at the factory. ^{*}CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions. NOTE: Only Yuasa Factory Activated (**) batteries are recommended for angled fitments. Refer to vehicle manufacturer's handbook.

^{**}Factory Activated: filled, sealed and charged at the factory. ^{*}CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions. [~]Based on comparison of Yuasa YTZ7S & YTX7L-BS batteries. NOTE: Only Yuasa Factory Activated (**) batteries are recommended for angled fitments. Refer to vehicle manufacturer's handbook.



YTX High Performance Maintenance Free AGM

A range of high performance VRLA batteries, incorporating specialist radial plate design and extra battery plates for increased cranking amps, less maintenance and longer life.

- » Up to 30% more cranking amps[#]
- » Lasts up to 3 times longer[#]
- » Superior vibration resistance
- » Maintenance free design[†]
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging



Maintenance Free AGM

Perfect for people with better things to do than battery maintenance. Once activated these VRLA batteries do not require refilling and remain maintenance free for the life of the battery[†].

- » Lasts up to 3 times longer[#]
- » Reduced self-discharge for longer life
- » Superior vibration resistance
- » Advanced AGM (Absorbed Glass Mat) technology
- » Sulfate Stop additive to resist the effects of undercharging

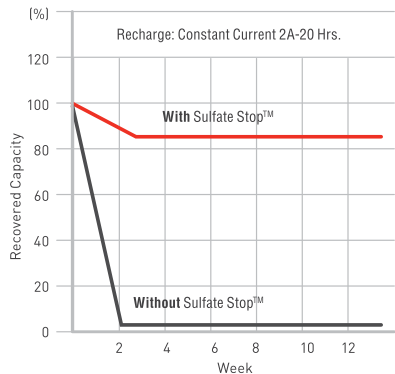
ITEM ID	BATTERY TYPE	UPGRADE FOR	CCA - 18°C*	AH @ 10HR				 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE [SEE PG13]	 ASSEMBLY FIGURE
					DIMENSIONS in MM (±2 mm)							
					L	W	H					
HIGH PERFORMANCE MAINTENANCE FREE VRLA												
156010	YTX14AH-BS ⁽ⁱⁱⁱ⁾ ^	YB14-A2, YB14-B2, YB14A-A1, YB14A-A2	210	12	134	89	166	4.9	0.66	1.2	4	
156011	YTX14AHL-BS^	YB14L-A2, YB14L-B2, 12N14-3A	210	12	134	89	166	4.9	0.66	1.2	4	
156018	YTX20CH-BS^	YTX16-BS	270	18	150	87	161	6.1	0.82	1.8	4	
156019	YTX20HL-BS^	YTX20L-BS	310	18	175	87	155	6.3	0.93	1.8	4	
156020	YTX20HL-BS-PW ⁽ⁱⁱ⁾ ^	YB16CL-B	310	18	175	87	175	6.3	0.93	1.8	4	
156022	YTX24HL-BS^	Y50-N18L-A3	350	21	205	87	162	7.9	0.99	2.1	4	

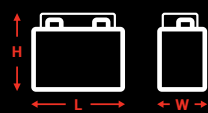
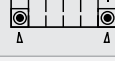
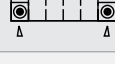
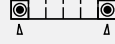


Research has shown that 95% of all battery troubles arise from the battery being left for long periods in a discharged condition. When this happens a crystal-like material forms on the battery plates' surface which causes a higher resistance to conductivity. This phenomenon is called "sulphation".

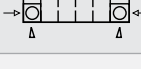
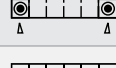
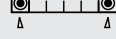
Once this occurs it is extremely difficult to restore the battery to a full charge and it will have to be replaced by a new one.

Yuasa **"SULFATE STOP"** is a chemical formula that drastically reduces the sulfate crystal build-up on battery plate's surface thus prolonging battery life.



ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
				L	W	H					
MAINTENANCE FREE VRLA											
156004	YT4B-BS^	40	2.3	114	39	86.5	1.1	0.12	0.3	12	
156005	YT4L-BS^	40	3	114	71	86	1.6	0.18	0.4	5	
156023	YTX4L-BS^	50	3	114	71	86	1.4	0.18	0.4	5	
156006	YT5L-BS^	45	4	114	71	106	2	0.24	0.5	5	
156024	YTX5L-BS^	80	4	114	71	106	2	0.24	0.5	5	
156007	YT7B-BS**	120	6.5	150	65	93	2.7	0.33	0.7	11	
156025	YTX7A-BS^	105	6	150	87	94	2.6	0.33	0.7	5	
156026	YTX7L-BS^	100	6	114	71	131	2.5	0.33	0.6	5	
156008	YT9B-BS**	115	8	150	70	105	3.4	0.4	0.8	11	
156027	YTX9-BS^	135	8	150	87	105	3	0.4	0.9	5	
156001	YT12A-BS^	175	10	150	87	105	3.5	0.5	1	11	

[#]When compared to equivalent conventional type battery. *CCA [Cold Cranking Amps] rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions. **Factory Activated: filled, sealed and charged at the factory. NOTE: Only Yuasa Factory Activated (**) batteries are recommended for angled fitments. Refer to vehicle manufacturer's handbook. [†]Once activated. ^Supplied with acid pack.

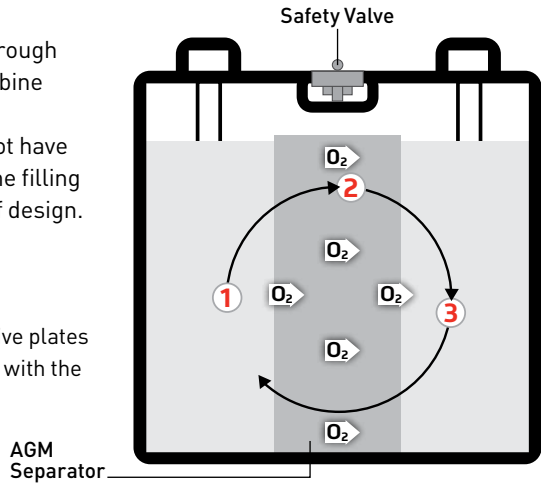
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				L	W	H					
MAINTENANCE FREE VRLA CONTINUED											
156002	YT12B-BS**	215	10	150	69	130	4.1	0.5	1	11	
156009	YTX12-BS^	180	10	150	87	130	4.2	0.6	1.2	5	
156003	YT14B-BS**	210	12	150	70	145	4.6	-	1.2	11	
156012	YTX14-BS^	200	12	150	87	145	4.6	0.69	1.4	5	
156013	YTX14L-BS^	200	12	150	87	145	4.6	0.69	1.4	5	
156014	YTX15L-BS^	230	13	175	87	130	4.8	0.69	1.3	4	
156015	YTX16-BS^	230	14	150	87	161	5.3	0.78	1.4	4	
156016	YTX16-BS-1^	230	14	150	87	161	5.3	0.78	1.4	1	
156040	YT19BL-BS^	170	17.7	185	81	170	5.67	0.95	1.9	10	
156017	YTX20-BS^	270	18	175	87	155	6.7	0.93	1.8	4	
156021	YTX20L-BS^	270	18	175	87	155	6.7	0.93	1.8	4	
156000	YIX30L** ⁽ⁱ⁾	385	30	166	126	175	9.9	-	3	5	

VRLA (VALVE REGULATED LEAD ACID) BATTERIES

VRLA batteries are the latest in motorcycle battery technology which work through gas recombant technology. Their construction causes freed gases to recombine inside the battery enabling the battery to be permanently sealed and remain maintenance free for the life of the battery. Unlike flooded batteries they do not have filling plugs or vent tubes, instead a single sealing plug permanently covers the filling ports. These batteries do not require regular topping up and have a spill proof design.

OXYGEN RECOMBINATION DIAGRAM

1. Oxygen is formed during charge
2. The oxygen migrates through the separator and comes in contact with the negative plates
3. The oxygen reacts with the sponge lead to form lead oxide, which then combines with the sulphuric acid to produce lead sulphate & water



*CCA [Cold Cranking Amps] rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.
Factory Activated. (i) Includes 7mm spacer. NOTE: Only Yuasa Factory Activated () batteries are recommended for angled fitments. Refer to vehicle manufacturer's handbook. ^Supplied with acid pack.



YuMicron CX

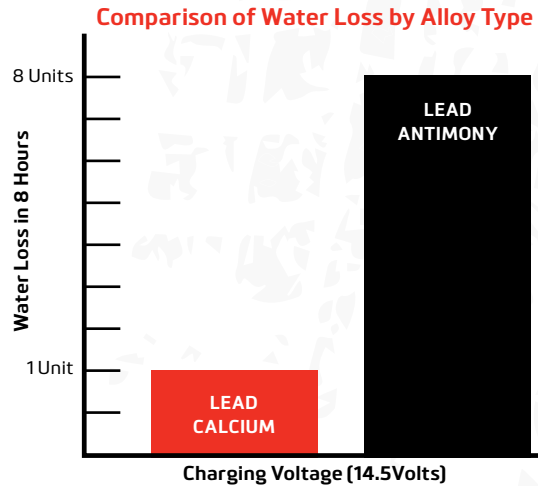
For increased power, less maintenance and longer life - YuMicron CX is the battery of choice. The first motorcycle battery built on lead-calcium technology, YuMicron CX batteries are specially designed for complex vehicles where dependable cranking power is a must.

- » Unique CX design for higher cold cranking amps
- » Low self-discharge and 66% less water loss for longer life[#]
- » Lead calcium technology
- » Polyethylene bonded glass mat separator – withstands vibration
- » Sulfate Stop additive to resist the effects of undercharging

ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
				L	W	H					
YUMICRON CX (SUPPLIED DRY CHARGED)											
155059	YB16-B-CX	255	19	175	100	155	6.3	1.2	1.9	6	
155061	YB16HL-A-CX	255	19	175	100	155	6.3	1.2	1.9	6	
155036	Y50-N18L-A-CX	260	20	205	90	162	7.4	1.4	2	7	

YUMICRON CX vs YUMICRON

The Yumicron CX battery was the first small engine starting battery to use “lead-calcium” technology. Unlike “lead antimony” technology, “lead-calcium” technology enables reduced water loss (up to 66% when compared to a Conventional design) and has reduced self-discharge properties resulting in a battery that will hold a charge longer. The following graph shows the difference in water loss between the batteries incorporating lead antimony plates and those made of lead calcium technology.



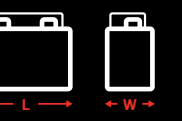
*CCA [Cold Cranking Amps] rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions. ^When compared to equivalent conventional battery.



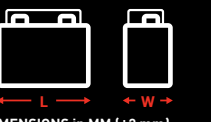
YuMicron

YuMicron batteries are designed to meet the special demands of personal watercraft, snowmobiles and ATVs. Dependable power, reduced maintenance and longer life plus a unique power boosting design makes the YuMicron range ideal for touring bikes and modified vehicles.

- » Up to 30% more cranking power[#]
- » Low self-discharge and water loss for longer life
- » Polyethylene leaf with bonded glass mat – withstands vibration
- » Sulfate Stop additive to resist the effects of undercharging

ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
				L	W	H					
YUMICRON (SUPPLIED DRY CHARGED)											
155066	YB3L-A	32	3	98	56	110	1.3	0.24	0.3	6	
155067	YB3L-B	32	3	98	56	110	1.3	0.24	0.3	6	
155068	YB4L-A	56	4	120	70	92	1.5	0.3	0.4	5	
155069	YB4L-B	56	4	120	70	92	1.5	0.3	0.4	5	
155070	YB5L-B	65	5	120	60	130	2	0.36	0.5	6	
155071	YB7-A	124	8	135	75	133	3	0.6	0.8	6	
155072	YB7B-B	115	7	150	60	130	3.1	0.5	0.7	6	
155073	YB7C-A	124	8	130	90	114	3	0.6	0.8	3	
155074	YB7L-B	124	8	135	75	133	2.9	0.6	0.8	6	
155075	YB9A-A	124	9	135	75	155	3.1	0.6	0.9	6	
155077	YB9L-A2	124	9	135	75	139	3.1	0.6	0.9	2	
155076	YB9-B	130	9	135	75	139	3.1	0.6	0.9	6	
155078	YB9L-B	130	9	135	75	139	3.1	0.6	0.9	6	
155039	YB10A-A2	160	11	135	90	155	4	0.8	1.1	8	
155040	YB10L-A2	160	11	135	90	145	4.2	0.8	1.1	8	
155041	YB10L-B	160	11	135	90	145	4	0.8	1.1	6	

*CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.
~When compared to equivalent conventional batteries. #When compared to equivalent conventional type battery.

ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR							TERMINAL TYPE (SEE PG13)	
				DIMENSIONS in MM (±2 mm)			WEIGHT WITH ACID [KG]	ACID VOLUME (L)	CHARGE CURRENT (AMPS)		ASSEMBLY FIGURE
				L	W	H					
YUMICRON CONTINUED (SUPPLIED DRY CHARGED)											
155042	YB10L-B2	160	11	135	90	145	4	0.8	1.1	8	
155043	YB12A-A	165	12	134	80	160	4.1	0.8	1.2	6	
155046	YB12AL-A	165	12	134	80	160	4	0.75	1.2	6	
155047	YB12AL-A2	165	12	134	80	160	4	0.75	1.2	8	
155045	YB12A-B	165	12	134	80	160	4	0.75	1.2	6	
155048	YB12B-B2	165	12	160	90	130	4	0.8	1.2	8	
155049	YB12C-A	165	12	134	80	175	4.3	0.8	1.2	4	
155050	YB14-A2	190	14	134	89	166	4.6	0.9	1.4	8	
155053	YB14-B2	190	14	134	89	166	4.6	0.9	1.4	8	
155051	YB14A-A1	190	14	134	89	176	4.5	0.9	1.4	6	
155052	YB14A-A2	190	14	134	89	176	4.5	0.9	1.4	8	
155054	YB14L-A2	190	14	134	89	166	4.6	0.9	1.4	8	
155055	YB14L-B2	190	14	134	89	166	4.6	0.9	1.4	8	
155056	YB16AL-A2	200	16	207	71.5	164	5.3	1.1	1.6	2	
155057	YB16-B	240	19	175	100	155	6.3	1.2	1.9	6	
155062	YB16L-B	240	19	175	100	155	6.3	1.2	1.9	6	
155058	YB16B-A	207	16	160	90	161	5.1	1	1.6	4	
155060	YB16CL-B	240	19	175	100	175	6.1	1.2	1.9	5	
155063	YB18L-A	235	18	180	90	162	5.8	1.2	1.8	7	
155034	Y50-N18A-A	260	20	205	90	176	6.5	1.5	2	7	
155035	Y50-N18L-A3	260	20	205	90	162	7.4	1.4	2	4	
155037	Y60-N24-A	300	28	184	124	175	8.6	1.7	2.8	3	
155038	Y60-N24L-A	300	28	184	124	175	8.6	1.7	2.8	3	
155065	YB30L-B	300	30	168	132	176	8.5	1.7	3	4	
155064	YB30CL-B	300	30	168	132	192.2	8.8	1.7	3	4	
155079	YHD-12H	240	28	206	133	165	8.3	2.2	2.8	9	

*CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.



Conventional

A rugged, reliable and dependable battery engineered to withstand vibration and deliver improved cranking power.

- » Patented separators for improved cranking power
- » Reduced water loss for longer life
- » Lead-antimonial cast grid plates to withstand vibration
- » Sulfate Stop additive to resist the effects of undercharging

ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE [SEE PG13]	 ASSEMBLY FIGURE
				L	W	H					
12 VOLT (SUPPLIED DRY CHARGED)											
155007	12N5-3B	39	5	120	60	130	2	0.4	0.5	6	
155008	12N5.5-3B	60	5.5	135	60	130	2.5	0.4	0.6	6	
155009	12N5.5A-3B	58	5.5	103	90	114	2.4	0.5	0.6	6	
155010	12N7-3B	74	7	135	75	133	3	0.5	0.7	6	
155011	12N7-4A	74	7	135	75	133	3	0.5	0.7	6	
155012	12N7-4B	74	7	135	75	133	3	0.5	0.7	6	
155013	12N7D-3B	74	7	135	75	150	2.9	0.6	0.7	6	
155014	12N9-3B	85	9	135	75	139	3.2	0.6	0.9	6	
155015	12N9-4B-1	85	9	135	75	139	3.2	0.6	0.9	6	
155003	12N12A-4A-1	113	12	134	80	160	3.7	0.7	1.2	6	
155004	12N14-3A	128	14	134	89	166	4.5	0.8	1.4	8	
155005	12N18-3	140	18	205	90	162	6.5	1.3	1.8	6	
155006	12N24-3A	200	24	184	124	175	7.9	1.8	2.4	3	

ITEM ID	BATTERY TYPE	CCA -18°C*	AH @ 10HR	 DIMENSIONS in MM (±2 mm)			 WEIGHT WITH ACID (KG)	 ACID VOLUME (L)	 CHARGE CURRENT (AMPS)	TERMINAL TYPE (SEE PG13)	 ASSEMBLY FIGURE
				L	W	H					
DIN TYPE MOTORCYCLE BATTERIES FOR EUROPEAN VEHICLES (SUPPLIED DRY CHARGED)											
155000	51814	100	18 (20HR)	186	82	171	5.6	1	1.9	10	
155001	51913	100	19 (20HR)	186	82	171	5.6	1	1.9	10	
155002	53030	180	30 (20HR)	186	130	171	9.4	1.6	3	10	
6 VOLT (SUPPLIED DRY CHARGED)											
155018	6N2-2A		2	70	47	96	0.5	0.1	0.2		
155019	6N2-2A-4		2	70	47	96	0.5	0.1	0.2		
155020	6N2A-2C		2	70	47	106	0.5	0.1	0.2		
155021	6N4-2A		4	71	71	96	0.8	0.2	0.4		
155025	6N4-2A-3		4	71	71	96	0.8	0.2	0.4		
155022	6N4-2A-4		4	71	71	96	0.8	0.2	0.4		
155023	6N4-2A-5		4	71	71	96	0.8	0.2	0.4		
155024	6N4-2A-8		4	71	71	96	0.8	0.2	0.4		
155026	6N4A-4D		4	61	57	131	1	0.2	0.4		
155027	6N4B-2A		4	102	48	96	1	0.2	0.4		
155028	6N4B-2A-3		4	102	48	96	1	0.2	0.4		
155029	6N55-1D		5.5	90	70	100	1.1	0.3	0.6		
155030	6N6-3B		6	99	57	111	1.3	0.3	0.6	6	
155031	6N6-3B-1		6	99	57	111	1.3	0.3	0.6	6	
155016	6N11A-1B		11	122	62	131	2.1	0.4	1.1	6	
155017	6N12A-2D		12	156	57	116	2.3	0.45	1.2	6	
155032	B38-6A		13	119	83	161	2.9	0.62	1.3	6	

TERMINAL CONFIGURATIONS

Terminal shapes vary from one battery to another. By identifying the correct replacement battery from the listing in this guide, you are assured of the correct terminal configuration.

For custom applications, refer to the following chart to identify terminal shape and corresponding batteries.

TERMINAL				BATTERY TYPE				
TYPE	FRONT	SIDE	TOP					
1				YTX16-BS-1				
2				YB9L-A2	YB16AL-A2			
3				Y60-N24-A 12N24-3A	YB7L-B			
4				GYZ20L YB12C-A YTX14L-BS YTX16-BS	YB16B-A YTX14AH-BS YTX20HL-BS	Y50-N18L-A3 YTX14AHL-BS YTX20CH-BS YTX20HL-BS-PW	YB30L-B YTX20-BS YTX24HL-BS	YB30CL-B YTX15L-BS YTX20L-BS
5				GYZ16H GYZ16HL YTZ8V YTX5L-BS YTX12-BS YB16CL-B	YTZ7S YTX7A-BS YTX14-BS	YTX4L-BS YTX7L-BS YTX14L-BS	YIX30L YTX9-BS YB4L-A	YB4L-B
6				YB3L-A YB7L-B YB12A-A YB16L-B 12N5.5A-3B 12N7D-3B 6N6-3B 6N12A-2D B38-6A	YB3L-B YB9A-A YB12A-B YB16HL-A-CX 12N9-3B 6N6-3B-1	YB5L-B YB9-B YB14A-A1 12N5-3B 12N7-3B 12N9-4B-1 6N11A-1B	YB7-A YB9L-B YB16-B 12N5-4B 12N7-4A 12N12A-4A-1	YB7B-B YB10L-B YB16-B-CX 12N5.5-3B 12N7-4B
7				Y50-N18A-A	Y50-N18L-A-CX	YB18-A	YB18L-A	
8				YB10A-A2 YB12B-B2	YB10L-A2 YB14-A2 YB14-B2	YB10L-B2 YB14A-A2 YB14L-B2 12N14-3A	YB12AL-A2* YB14L-A2	
9				YHD-12H				
10				51814	51913	53030		
11				YT7B-BS YTZ10S	YT9B-BS YTZ12S	YT12A-BS YTZ14S	YT12B-BS	YT14B-BS
12				YT4B-BS				
13				GYZ20H	GYZ20HL	GYZ32HL		

BATTERY CROSS-REFERENCE

YUASA GYZ (AGM)	YUASA YTZ MF (AGM)	YUASA HIGH PERFORMANCE MF (VRLA)	YUASA MF (VRLA)	YUMICRON CX	YUMICRON	CONVENTIONAL
						6N11-2D
			YTX4L-BS, YT4L-BS		YB4L-A, YB4L-B	
			YTX5L-BS, YT5L-BS			
					YB5L-B	12N5-3B
					YB7L-B	12N7-3B
					YB7-A	12N7-4A
					YB9-B	12N9-4B-1
					YB9L-B	12N9-3B
					YB9L-A2	
					YB10L-B	12N10-3B
					YB10L-A2	
					YB12A-A	12N12A-4A-1
					YB12AL-A2, YB12AL-A	
	YTZ12S		YT12A-BS			
		YTX14H-BS	YTX14-BS			
		YTX14AH-BS			YB14-A2, YB14-B2	
		YTX14AH-BS			YB14A-A1, YB14A-A2	
		YTX14AHL-BS			YB14L-A2	12N14-3A
		YTX14AHL-BS			YB14L-B2	
GYZ16HL		YTX14L-BS				
		YTX20CH-BS	YTX16-BS			
GYZ20H			YTX20-BS	YB16-B-CX	YB16-B	
GYZ20H			YTX20-BS			
		YTX20HL-BS-PW			YB16CL-B	
GYZ20HL, GYZ20L		YTX20HL-BS	YTX20L-BS	YB16HL-A-CX		
GYZ20HL, GYZ20L		YTX20HL-BS	YTX20L-BS		YB16L-B	
GYZ20HL, GYZ20L		YTX20HL-BS	YTX20L-BS		YB18L-A	
		YTX24HL-BS		Y50-N18L-A-CX		
		YTX24HL-BS			Y50-N18L-A3	
GYZ32HL		YIX30L			YB30L-B	
		YIX30L			53030	

UNDERSTANDING YUASA BATTERY DESCRIPTIONS

HIGH PERFORMANCE AGM

YTX 14 A H L - BS -1

1 2 3 4 5 6 7

- 1 High Performance AGM (YTX, YIX, YTZ, YT, GYZ)
- 2 Performance classification
- 3 Designates battery case size
- 4 Higher CCA
- 5 Polarity location
- 6 Supplied with acid pack
- 7 Designates unique terminal

YUMICRON CX & YUMICRON

YB 16A L - A2

1 2 3 4

- 1 High Performance conventional battery
- 2 Size of battery case
- 3 Polarity location
- 4 Terminal and vent location

CONVENTIONAL

12 N 12A - 4 A - 1

1 2 3 4 5 6

- 1 Nominal voltage
- 2 Conventional battery
- 3 Size of battery case
- 4 Polarity location
- 5 Vent location
- 6 Designates unique terminal

BATTERY COMPARISON CHART

YUASA POWERSPORTS BATTERIES	KATANA SPORTS BATTERIES	SSB POWERSPORTS	SSB DRY CELL	MOTOBATT	DEKA	REVPLUS	EXIDE	VARTA POWERSPORTS
GYZ MAINTENANCE FREE AGM								
GYZ16H**	-	-	-	MBYZ16H	-	-	-	-
GYZ16HL**	-	-	-	-	-	-	-	-
GYZ20L**	-	-	-	MBTX20U	-	-	-	-
GYZ20H**	-	-	-	-	-	-	-	-
GYZ20HL**	-	-	-	MBTX20U	-	-	-	-
GYZ32HL**	-	-	-	-	-	-	-	-
YTZ MAINTENANCE FREE AGM								
YTZ7S**	-	RTX5L-BS	-	MBTZ7S	-	STZ7-S	-	VTZ7S**
YTZ8V**	-	-	-	-	-	-	-	-
YTZ10S**	-	RTZ10-S	-	MBTZ10S	-	-	YTZ10-BS	VTZ10S**
YTZ12S**	-	GTZ14-S, YTZ14-S, YTZ14-S-BS, RTZ14-S	HVT-11	MBTX9U	ETX9**	STZ12-S	-	-
YTZ14S**	-	RTZ14-S	HVT-11	MBTX9U	ETX9**	STZ14-S	-	-
YTX HIGH PERFORMANCE MAINTENANCE FREE AGM								
YTX14AH-BS^	-	RB14A-A2	HVT-13	-	ETX15**	STX14AH-BS	YTX14AH-BS	VTX14AH**
YTX14AHL-BS^	-	YT14AL-S, RB14L-A2	HVT-14	-	ETX15L**	STX14AHL-BS	-	-
YTX20CH-BS^	-	YTX16H-BS	-	MBTX16U	-	-	-	-
YTX20HL-BS^	-	YIX20L, RTX20L-BS	HVT-1	MBTX20U	-	-	YTX20HL-BS	VTX20HL**
YTX20HL-BS-PW^	-	-	-	MBTX20U	-	-	-	-
YTX24HL-BS^	-	R50N18L-A2	HVT-6	MBTX24U	EXT18L**	-	-	-
MAINTENANCE FREE AGM								
YT4B-BS^	-	YT4B-4	-	MBT4BB	-	ST4B-4	-	-
YT4L-BS^	-	-	-	MBTX4U	-	-	-	-
YTX4L-BS^	YTX4L-BS	GTX4L-BS, GB4L-B, YTZ5-S, RTX4L-BS	-	MBTX4U	-	STX4L-BS	YTX4L-BS	VTX4L**
YT5L-BS^	-	-	-	-	-	-	-	-
YTX5L-BS^	YTX5L-BS	GTZ7-S, YTZ7-S, YTZ7-S-BS, RTX5L-BS	-	MBTZ7S	-	STX5L-BS	YTX5L-BS	VTX5L**
YT7B-BS**	-	YT7B-4, YT7B-4-BS	-	MB7U	-	ST7B-4	-	VT7B**
YTX7A-BS^	YTX7A-BS	GTZ10-S, YTZ10-S, YTZ10-S-BS, RTX7A-BS	-	MBTZ10S	-	STX7A-BS	YTX7A-BS	-
YTX7L-BS^	YTX7L-BS	GTX7L-BS, RTX7L-BS	-	MBTX7U	-	STX7L-BS	YTX7L-BS	VTX7L**
YT9B-BS**	-	-	-	MBT9B4	-	ST9B-4	-	-
YTX9-BS^	YTX9-BS	GTZ14-S, GTX9-BS, YTZ14-S, YTZ14-S-BS, YTZ12-S, YTX12A-BS, YTR9-BS, RTX9-BS	HVT-11	MBTX9U	ETX9**	STX9-BS	YTX9-BS	VTX9**
YT12A-BS^	-	-	-	MBTX9U	-	-	YT12A-BS	-
YT12B-BS**	-	GT12B-4, YT12B-4, YT12B-4-BS	-	MBT12B4	-	ST12B-4	YT12B-BS	VT12B**
YTX12-BS^	YTX12-BS	GTX12-BS, RTX12-BS	HVT-12	MBTX12U	ETX12**	STX12-BS	YTX12-BS	VTX12**
YT14B-BS^	-	-	-	MBT14B4	-	ST14B-4	YT14B-BS	VT14B**
YTX14-BS^	YTX14-BS	GTX14-BS, YT14BA-4, RTX14-BS	HVT-8	MBTX12U, MBYZ16H	ETX14**	STX14-BS, SVT-8	YTX14-BS	VTX14**
YTX14L-BS^	-	RTX14L-BS	HVT-3	MBTX12U, MBYZ16H	ETX14L**	STX14L-BS, SVT-3	-	VTX14L**
YTX15L-BS^	-	RTX15L-BS	-	MBTX12U	-	-	-	-
YTX16-BS	-	YTX16H-BS, RTX16-BS	-	MBTX16U	ETX14**	STX16-BS	-	-
YTX16-BS-1^	-	-	-	MBTX16U	ETX14**	-	-	-

BATTERY COMPARISON CHART

BATTERY COMPARISON CHART

YUASA POWERSPORTS BATTERIES	KATANA SPORTS BATTERIES	SSB POWERSPORTS	SSB DRY CELL	MOTOBATT	DEKA	REVPLUS	EXIDE	VARTA POWERSPORTS
MAINTENANCE FREE AGM CONTINUED								
YT19BL-BS^	-	-	-		-	-		
YTX20-BS^	-	YTX20H-BS, RTX20-BS	-	MBTX20U	-	STX20-BS	YTX20H-BS	
YTX20L-BS^	YTX20L-BS	GTX20L-BS, YTX20HL-BS, YIX20L, RTX20L-BS	HVT-1	MBTX20U	ETX20L**	STX20L-BS	YTX20LS	-
YIX30L**	-	RB30CL-B	HVT-2	MBTX30U	ETX30L**	SIX30L	-	VTX30L**
YUMICRON CX								
YB16-B-CX	-	-	-	MBTX20U	ETX16**	-	-	-
YB16HL-A-CX	-	-	-	MBTX20U	ETX16L**	-	-	-
Y50-N18L-A-CX	-	-	-	-	ETX18L**	-	-	-
YUMICRON								
YB3L-A	-	-	-	MB3U	-	-	-	-
YB3L-B	YB3L-B	-	-	MB3U	-	-	-	-
YB4L-A	YB4L-A	-	-	MBTX4U	-	-	-	-
YB4L-B	YB4L-B	-	-	MBTX4U	-		YB4L-BS	-
YB5L-B	YB5L-B	-	-	MB5U	-	SB5L-B	-	-
YB7-A	-	-	-	MB9U	-	SB7-A	-	-
YB7B-B	-	-	-	MB7BB	-	SB7B-B	-	-
YB7C-A	-	-	-	-	-	-	-	-
YB7L-B	-	-	-	-	-	-	-	-
YB9A-A	-	-	-	MB9U	-	-		-
YB9L-A2	YB9L-A2	-	-	MB9U	-	SB9L-A2	-	-
YB9-B	YB9-B	-	-	MB9U	-	SB9-B	-	-
YB9L-B	-	-	-	MB9U	-	SB9L-B	YB9L-BS	-
YB10A-A2	-	-	-	MB10U	-	-	-	-
YB10L-A2	YB10L-A2	-	-	MB10U	-	SB10L-A2	YB10L-A2S	-
YB10L-B	-	-	-	MB10U	-	-	-	-
YB10L-B2	-	-	-	MB10U	-	-	-	-
YB12A-A	YB12A-A	-	-	MB12U	-	-	-	-
YB12AL-A	-	-	-	MB12U	-	SB12AL-A	YB12A-A	
YB12AL-A2	-	-	-	MB12U	-	-	-	-
YB12A-B	-	-	-	MB12U	-	-	-	-
YB12B-B2	-	-	-	MBTX12U	ETX12**(1)	-	-	-
YB12C-A	YB12C-A	-	-	MB12U	-	-	-	-
YB14-A2	YB14-A2	-	-	MBTX14AU	ETX15**	SB14-A2	-	-
YB14A-A1	YB14A-A1	-	-	MBTX14AU	ETX15**	-	-	-
YB14A-A2	YB14A-A2	-	-	MBTX14AU	ETX15**	SB14A-A2	-	-
YB14-B2	-	-	-	MBTX14AU	ETX15**	-	-	-
YB14L-A2	YB14L-A2	-	-	MBTX14AU	ETX15L**	SB14L-A2	YB14-A2S	-
YB14L-B2	YB14L-B2	-	-	MBTX14AU	ETX15L**	-	-	-
YB16AL-A2	-	-	-	MB16AU	-	SB16AL-A2	YB16AL-A2	-
YB16-B	YB16-B	-	-	MBTX20U	ETX16**	SB16-B	-	-
YB16B-A	-	-	-	MB16U	ETX14** (1)	SB16B-A	-	-
YB16L-B	YB16L-B	-	-	MBTX20U	ETX16L**	SB16L-B	YB16-BS	-
YB16CL-B	YB16CL-B	-	-	MBTX20U	ETX16L**	SB16CL-B	YB16CL-B	-

YUASA POWERSPORTS BATTERIES	KATANA SPORTS BATTERIES	SSB POWERSPORTS	SSB DRY CELL	MOTOBATT	DEKA	REVPLUS	EXIDE	VARTA POWERSPORTS
MAINTENANCE FREE AGM CONTINUED								
YB18L-A	-	-	-	MB18U	ETX20L** (1)	SB18L-A	-	-
Y50-N18A-A	-	-	-	MBTX24U	-	S50-N18A-A	-	-
Y50-N18L-A3	Y50-N18L-A3	-	-	MBTX24U	-		Y50-N18L-A2S	-
Y60-N24-A	-	-	-	MBTX30U	ETX16** (1)	-	-	-
Y60-N24L-A	-	-	-	-	-	S60-N24L-A		-
YB30L-B	-	-	-	MBTX30U	ETX30L**	SB30L-B	YB30L-BS	-
YB30CL-B	-	-	-	MBTX30U	-	SB30CL-B	YB30CL-B	-
YHD12H	-	-	-	MBHD12H	-	-	-	-
CONVENTIONAL 12 VOLT								
12N5-3B	12N5-3B	CB5L-B, RB5L-B	-	MB5U	-	-	-	-
12N5.5-3B	12N5.5-3B	-	-	MB5.5U	-	-	-	-
12N5.5A-3B	12N5.5A-3B	-	-	-	-	-	-	-
12N7-3B	12N7-3B	CB7L-B	-	MB9U	-	-	-	-
12N7-4A	12N7-4A	CB7-A, RB9-B	HVT9	MB9U	-	-	-	-
12N7-4B	-	RB9-B	HVT9	MB9U	-	-	-	-
12N7D-3B	-	-	-	MB9U	-	-	-	-
12N9-3B	-	YTX9AL-BS, CB9L-B, RB9L-B	-	MB9U	-	-	-	-
12N9-4B-1	12N9-4B-1	YTX9A-BS, CB9-B, RB9-B	-	MB9U	-	-	-	-
12N12A-4A-1	12N12A-4A-1	G12N12A-4A-1, CB12A-A, RB12A-A	-	MB12U	-	-	-	-
12N14-3A	12N14-3A	GB14L-A2, YTX14AHL-BS, YT14AL-S, CB14L-A2, RB14L-A2	HVT-14	MBTX14AU	ETX15L**	-	-	-
12N18-3	12N18-3	R50N18L-A2	HVT-6	MBTX24U	ETX18L**	-	-	-
12N24-3A	-	C60N24L-A, RB30CL-B		MBTX30U	ETX16L** (1)	-	-	-
CONVENTIONAL DIN TYPE								
51814	51814	R51913	-	MB51814	-	-	-	-
51913	51913	G51913, R51913	-	MB51814	-	-	-	-
53030	53030	-	-	MBTX30U	-	-	-	-
CONVENTIONAL 6 VOLT								
6N2-2A	-	-	-	MBT6N2	-	-	-	-
6N2-2A-4	6N2-2A-4	6N2-2A-7	-	MBT6N2	-	-	-	-
6N2A-2C	-	-	-	MBT6N2	-	-	-	-
6N4-2A	6N4-2A	6N4-2A-BS, R6N4-2A	-	MBT6N4	-	-	-	-
6N4-2A-3	-	6N4-2A-BS, R6N4-2A	-	MBT6N4	-	-	-	-
6N4-2A-4	6N4-2A-4	6N4-2A-BS, R6N4-2A	-	MBT6N4	-	-	-	-
6N4-2A-5	6N4-2A-5	6N4-2A-BS, 6N4-2A-2, R6N4-2A	-	MBT6N4	-	-	-	-
6N4-2A-8	-	6N4-2A-BS, R6N4-2A	-	MBT6N4	-	-	-	-
6N4A-4D	-	-	-	-	-	-	-	-
6N4B-2A	6N4B-2A	-	-	-	-	-	-	-
6N4B-2A-3	6N4B-2A-3	-	-	-	-	-	-	-
6N55-1D	6N55-1D	-	-	-	-	-	-	-
6N6-3B	6N6-3B	6N6-3B-BS	-	-	-	-	-	-
6N6-3B-1	6N6-3B-1	6N6-3B-BS	-	-	-	-	-	-
6N11A-1B	6N11A-1B	-	-	-	-	-	-	-
6N12A-2D	-	-	-	-	-	-	-	-
B38-6A	B38-6A	-	-	-	-	SB38-6A	-	-



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
AERMACCHI					
125	SX		12N7-3B		
175	SX		12N7-3B		
250	Ala Azzurra/Bianca/Oro/Rossa/ Verde		6N11A-1B		
250	SX		12N7-3B		
350	Ala Azzurra/Bianca/ Oro/Rossa/ Verde		6N11A-1B		
APRILIA					
50	AF-1 Futura/Europa	1987-1994	YB4L-B		
50	Amico GL/LK/LX/Sport	1992-1997	YB4L-B		
50	Area 51	2000	YB4L-B		
50	Classic 50	1997	YB4L-B		
50	ET		YB4L-B		
50	Gulliver AC/LC	1997	YB4L-B		
50	H20	2000-on	YB4L-B		
50	Habana, Custom	1999	YB4L-B		
50	LC		YB4L-B		
50	Mc Gulliver	2000	YB4L-B		
50	Mojito, Mojito FL		YB4L-B		
50	MX50		YB4L-B		
50	Pegaso	2000-on	YB4L-B		
50	Rally	2004-2005	YB4L-B		
50	Rally AC/LC	1997	YB4L-B		
50	Red Rose/Classic	1997	YB4L-B		
50	Replica	2000-on	YB4L-B		
50	RS 50	2000-2005	YB4L-B		
50	RS 50/Extrema	1997	YB4L-B		
50	RX 50	1993	YB4L-B		
50	Scarabeo 2T	1997	YB4L-B		
50	Scarabeo 4T	2003-on	YB9-B		
50	Scarabeo 50	2000-2003	YB4L-B		
50	Scarabeo 50 Street	2013-on	YB4L-B		
50	Scarabeo Ditech	2002-on	YTX5L-BS		
50	Sonic	2000-on	YB4L-B		
50	Sonic, GP	1999	YB4L-B		
50	Sonic Acqua		YB4L-B		
50	SR Carb	2008	YB9-B		
50	SR Ditech	2001-on	YTX5L-BS		
50	SR IE	2008	YB9-B		
50	SR IE 25 KM/H		YB9-B		
50	SR IE CND/USA		YB9-B		
50	SR LC/Netscaper	1997	YB4L-B		
50	SR Netscaper	2000-on	YB4L-B		
50	SR Replica/Racing/ Stealth/WWW	1997	YB4L-B		
50	SR Urban/Viper		YB4L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
APRILIA CONTINUED					
50	SR50	2000-2001	YB4L-B		
50	SR 50 de		YB4L-B		
50	Tuareg Rally/Wind	1997	YB4L-B		
100	Scarabeo 2T	2000	YTX5L-BS		
100	Scarabeo 4T	2000-on	YB9-B		
100	Scarabeo 4T USA		YB9-B		
125	AF-1 Futura/Europa/Project108/ Replica/Sintesi/Sport Pro	1994	YB9-B		
125	AS R		12N5-3B		
125	Atlantic		YB12AL-A		
125	Classic		YB9-B		
125	ETX (Electric-Starter)		YB9-B		
125	ETX (Kick Starter)		12N5.5-3B		
125	Habana, Custom		YTX9-BS		
125	Leonardo	1996-2001	YB12AL-A		
125	Mojito		YTX7L-BS		
125	Mojito FL		YTX7L-BS		
125	MX 125		YB4L-B		
125	Pegaso	1995	YB9-B		
125	Rambla	2008	YTX12-BS		
125	Red Rose/Classic	1997	YB9-B		
125	RS Extrema, RX	1997	YB9-B		
125	RS Replica	1993	YB9-B		
125	RS 125	1995-on	YB9-B		
125	RS 125 11 KW		YB9-B		
125	RS 125 F.P/USA		YB9-B		
125	RX 125 11 KW		YB4L-B		
125	RX 125 F.P.		YB4L-B		
125	Scarabeo	1999-2007	YB12AL-A		
125	Scarabeo	2008-2012	YTX12-BS		
125	Scarabeo	2013-on	YB12AL-A		
125	Sport City	2008-2012	YT12B-BS		
125	Sport City (Rest)		YTX12-BS		
125	SR 125	1999	YTX7L-BS		
125	SR MAX 125	2013-on	YTX12-BS		
125	ST, STX (Electric-Starter)		YB9-B		
125	ST, STX (Kick Starter)		12N5.5-3B		
125	ST/STX/ETX		12N5.5-3B		
125	SX 11 KW		YB4L-B		
125	SX FP		YB4L-B		
125	Tuareg (Electric-Starter)		YB9-B		
125	Tuareg (Kick Starter)		12N5.5-3B		
125	Tuareg Rally	1986	6N4-2A-4		
125	Tuareg Rally/Wind	1987-1994	YB9-B		
125	Tuono		YB9-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
APRILIA CONTINUED					
150	Leonardo	1999-2002	YB12AL-A		
150	Mojito		YTX7L-BS		
150	Scarabeo	1999-on	YB12AL-A		
150	SR 150	2000	YTX7L-BS		
200	Atlantic	2000	YB12AL-A		
200	Scarabeo	2000-on	YB12AL-A		
200	Sport City	2009-on	YTX12-BS		
200	Sport City (Rest)		YTX12-BS	YT12B-BS	
250	Atlantic		YB12AL-A		
250	ETX (Electric-Starter)		12N14-3A		
250	ETX (Kick-Starter)		12N5.5-3B		
250	Leonardo, ST SP	1999-on	YB12AL-A		
250	Rambla		YTX12-BS		
250	RS Replica		YB4L-B		
250	RS 250	1995-2004	YB4L-B		
250	Scarabeo	2008	YB12AL-A		
250	Scarabeo	2008-on	YTX12-BS		
250	Scarabeo L		YTX12-BS		
250	Sport City/USA		YTX12-BS		
300	Atlantic	2012-on	YB12AL-A		
300	Leonardo		YB12AL-A		
300	Scarabeo 300 S	2013-on	YTX12-BS		
300	Sport City (Rest)		YTX12-BS		
350	ETX (Electric-Starter)		YB14L-A2		
350	ETX (Kick-Starter)		12N5.5-3B		
350	Tuareg Wind	1987-1988	YB14L-A2		
350	Tuareg Wind	1988-1994	YB9-B		
400	Atlantic		YTX12-BS		
400	Scarabeo/L		YTX12-BS		
450	Enduro		YTX7A-BS		
450	Motard		YTX7A-BS		
450	MXV		YTX7A-BS		
450	RXV 450 CND		YTX7A-BS		
450	RXV 450 USA		YTX7A-BS		
450	SXV 450/CND		YTX7A-BS		
450	SXV 450 US		YTZ10S		
500	Atlantic	2003-2005	YB14L-A2		
500	Atlantic	2006-on	YTX12-BS		
500	Scarabeo	2008	YB14L-A2		
500	Scarabeo	2008-on	YTX12-BS		
500	Scarabeo L/USA		YTX12-BS		
550	Enduro		YTX7A-BS		
550	Motard		YTX7A-BS		
550	RXV 550/CND/USA		YTX7A-BS		
550	SXV 550/CND		YTX7A-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
APRILIA CONTINUED					
550	SXV 550 USA		YTZ10S		
600	ETX (Electric-Starter)		YB14L-A2		
600	ETX (Kick Starter)		12N5.5-3B		
600	Pegaso	1988-1994	YB14L-A2		
600	Tuareg Wind	1987-1991	YB14L-A2		
650	ETX (Electric-Starter)		YB14L-A2		
650	ETX (Kick-Starter)		12N5.5-3B		
650	Moto 6.5	1995-1999	YB12AL-A2		
650	Pegaso	1992-2003	YB12AL-A2		
650	Pegaso Strada	2005-on	YTX12-BS		
650	Pegaso IE	1997-2002	YB12AL-A		
650	Pegaso Factory/Trail		YTX12-BS		
650	Stark	2000-on	YB14L-A2		
750	Dorsoduro/ABS/USA		GYZ16H	YTX14-BS	
750	Shiver/ABS/CND/USA		GYZ16H	YTX14-BS	
800	Mana		GYZ16H	YTX14-BS	
839	SRV 850	2012-on	GYZ16H	YTX14-BS	
850	Mana/ABS/CND/USA		GYZ16H	YTX14-BS	
1000	ETV Caponord	2002-2003	GYZ16H	YTX14-BS	
1000	RST Futura	2001-2004	YTX12-BS		
1000	RSV 1000 Factory	2004-2005	YTX12-BS		
1000	RSV 1000 4V Factory		YTZ10S		
1000	RSV 1000 Factory USA		YTX12-BS		
1000	RSV 1000 Mille	2000	GYZ16H	YTX14-BS	
1000	RSV 1000 Mille	2001-2003	YTX12-BS		
1000	RSV 1000 Mille R	2000-2005	YTX12-BS		
1000	RSV 1000 Mille SP	1999	YTX12-BS		
1000	RSV 1000 R/USA		YTX12-BS		
1000	RSV4 RR	2015	YT12A-BS		
1000	SL Falco	2000-2003	GYZ16H	YTX14-BS	
1000	Tuono	2003-2005	YTX12-BS		
1000	Tuono Factory/USA		YTX12-BS		
1000	Tuono Fighter	2003-on	YTX12-BS		
1000	Tuono R/CND/USA		YTX12-BS		
1100	Tuono V4 1100/RR	2014-on	YT12A-BS		
1200	Caponord	2013-on	GYZ16H	YTX14-BS	
1200	Dorsoduro 1200 ABS	2013-on	GYZ16H	YTX14-BS	
ATK					
	All Electric Start Models	1991-1995	YTX9-BS		
	All Electric Start Models	1996-2001	YTX7L-BS		
BAJAJ					
100	BOXER BM100 CLASSIC ES	2012-on	YB5L-B		
100	DISCOVER 100 DTSi	2012-on	YB5L-B		
125	DISCOVER 125 ST	2012-on	YB5L-B		
125	PLATINO 125	2010-2012	YB5L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BAJAJ CONTINUED					
125	XCD 125	2009-2012	YB5L-B		
135	DISCOVER 135 ES	2009-2012	YB5L-B		
135	PULSAR 135LS	2009-2012	YB5L-B		
150	BOXER BM150		YB5L-B		
180	PULSAR 180		YB9-B		
200	PULSAR 200		YB9-B		
200	PULSAR 200 NS	2012-2013	YTX9-BS		
220	PULSAR 220F/S		YB9-B		
BENELLI					
50	491GT/Sport/Racing	1997	YB4L-B		
50	Devil 50 (c/avv.)		YB4L-B		
50	Devil [Electric-Starter]	1994-1995	YB4L-B		
50	K2	1997	YB4L-B		
50	KBX 50 Race		YB4L-B		
50	Pepe	2000	YB4L-B		
50	Scooty LX/DLX		YB4L-B		
80	Devil	1994-1995	YB4L-B		
80	KBX	1994	YB4L-B		
100	K2	2000-on	YB5L-B		
125	125 Cross		6N11A-1B		
125	125 Jarno (c/avv.)		YB9-B		
125	125 Scooter		YB9L-B		
125	125 CS		YB9-B		
125	125 T Sport		6N11A-1B		
125	125-2 CSE		6N11A-1B		
125	Adiva	2000	GYZ16H	YTX14-BS	
125	Jarno [Electric-Starter]	2000	12N9-4B-1		
125	Velvet	2000	YTX9-BS		
150	Adiva 150	2000	GYZ16H	YTX14-BS	
150	Velvet	2000	YTX9-BS		
250	4 Zyl. (Cyl.d.)		YB12A-A		
250	TS250		6N11A-1B		
250	Velvet	2000	YTX12-BS		
254	4 Zyl. (Cyl.d.)		YB9-B		
350	350RS	2000	53030		
354	4 Zyl. (Cyl.d.)		YB14L-A2		
500	LS		YB14L-A2		
500	Quattro	2000	53030		
500	SS	2000	12N12A-4A-1		
504	4 Zyl. (Cyl.d.)		YB14L-A2		
650	650 Tornado U.T.		YB12A-A		
750	Sei	2000	YB14L-A2		
750	SS	2000	12N12A-4A-1		
900	900 (6 Cyl.d.), Sei		53030		
900	Tornado		12N12A-4A-1		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BETAMOTOR					
50	Adventure		YB4L-B		
50	Ark Air/Ark Lc	1997	YB4L-B		
50	Chrono	1995	YB4L-B		
50	Eikon	2000	YB4L-B		
50	Quadra	1997	YB4L-B		
50	Tempo		YB4L-B		
125	Eikon	2000-on	YTX9-BS		
150	Eikon	2000-on	YTX9-BS		
600	YB9	2000-on	YB12AL-A2		
750	SB3	2000-on	12N14-3A		
900	HS2900	2000-on	YB14L-A2		
1000	YB10 Dieci	2000-on	GYZ16H	YTX14-BS	
1000	YB6		YB14L-A2		
BIG DOG					
	All Models	All	GYZ20HL	GYZ20L	YTX20HL-BS
BIMOTA					
600	YB9		YB12AL-A2		
900	DB2	1993-1995	YB14-A2		
900	DB2 Final Edition	1997	YB14-A2		
900	DB3 Mantra	1997-1999	YTX7L-BS (x2)		
900	HS2900		YB14L-A2		
900	Tesi	1991-1995	YB14-A2		
996	SB8R/S	1998-2000	YTX12-BS		
1000	Gobert		YB14L-A2		
1000	Santamonica		YB14L-A2		
1000	Tesi 2D		YB14L-A2		
BIMOTA CONTINUED					
1000	YB6		YB14L-A2		
1000	YB8/10	1992-1995	YTX14AHL-BS		
1000	YB10 DIECI		GYZ16H	YTX14-BS	
1000	YB11	1996-1999	YTX12-BS		
1100	SB6/7	1995-1997	YTX7L-BS (x2)		
1100	SB6R	1997-1999	YTX12-BS		
BMW					
125	C1	2000-on	YB14L-A2		
150	C1	2000-on	YB14L-A2		
200	C1	2000-on	YB14L-A2		
260	R26, R27 Single Cylinder	1955-1969	6N11A-1B		
260	R27		6N11A-1B		
450	G450X	2009-on	YTZ7S		
450	R45N	1978-1988	51814		
500	R50/S/2		51814		
500	R50/2 Twin Cylinders	1955-1969	B38-6A		
500	R50/5		51814		
500	R50S Twin Cylinders	1955-1969	B38-6A		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BMW CONTINUED					
600	C600 Sport	2000-on	YTZ14S		
600	F650	1993-2001	YB12AL-A2		
600	F650CS/GS/ST	1998-2002	YB12AL-A2		
600	R60/2 Twin Cylinders	1955-1969	B38-6A		
600	R60/5	1970-1973	51814		
600	R60/5	2000-on	51814		
600	R60/6/7	1969-1984	53030		
600	R60LS	2000-on	51814		
600	R60S	2000-on	12N14-3A		
600	R65/GS	1986-1992	51814		
600	R65LS	1981-1985	51814		
650	C650GT	2011-2013	GYZ16H	YTX14-BS	
650	F650	1993-2008	YB12AL-A2		
650	F650GS	2008-2011	YB12AL-A		
650	R65	1984-1995	53030		
650	R65LS	1978-1984	51814		
700	R69/S	1955-1969	B38-6A		
750	K75	1985-1986	51814		
750	K75	1987-1993	53030		
750	K75	1993-1995	YT19BL-BS	51913	
750	K75C	1985-1986	YT19BL-BS	51814	
750	K75C/S	1985-1995	51814		
750	K75RT	1985-1992	53030		
750	K75RT	1992-1996	YT19BL-BS	51913	
750	K75S	1985-1986	YT19BL-BS	51814	53030
750	R75/5	1970-1973	51814		
750	R75/6	1969-1976	53030		
750	R75/6	1984	53030		
750	R75/6	2000-on	53030		
750	R75/7	1976-1984	53030		
750	R75/5 (Bicylinder)	2000-on	51814		
800	F800 GS/ST/R	2008-2011	GYZ16H	YTX14-BS	
800	R80/7/RT	1978-1995	53030		
800	R80ET	2000-on	53030		
800	R80GS/ST	1980-1996	51814		
800	R80GS	1998-2001	YT19BL-BS		
800	R80ST	1986-1990	51814		
850	R259	2001	YT19BL-BS	51913	
850	R850R	1995-1997	YT19BL-BS	51913	
850	R85C	1999-2001	YT19BL-BS	51913	
850	R85R/RT/GS	2001	YT19BL-BS	51913	
900	R90/6/S	1969-1976	53030		
900	R90/6/S	1984	53030		
900	R90ST	2000-on	51814		
1000	HP4	2013-2014	YTZ7S		



B

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BMW CONTINUED					
1000	K1	1993	YT19BL-BS	51913	
1000	K100RS (2 Valve)	1983-1989	YT19BL-BS		
1000	K100RS (4 Valve)	1989-1992	YT19BL-BS		
1000	K100LT	1986-1991	YT19BL-BS		
1000	K100RT	1984-1989	YT19BL-BS		
1000	R100CS/RS/RT/S/T	1984	53030		
1000	R100/7	1976-1984	53030		
1000	R100CS	1976-1984	YT19BL-BS	53030	
1000	R100GS/PD/R/RS/RT	1987-1995	YT19BL-BS	53030	
1000	R100R	2000-on	YT19BL-BS	51913	
1000	R100RS	1976-1984	YT19BL-BS		
1000	R100RT	1978-1984	YT19BL-BS		
1000	R100S	1976-1978	YT19BL-BS		
1000	R100T	1978-1980	YT19BL-BS		
1000	S1000R	2014	YTZ10S		
1000	S1000RR	2009-2014	YTZ10S		
1000	S1000RR (DWA)	2009-on	YTZ12S		
1100	K1100LT	1990-1998	YT19BL-BS	51913	
1100	R1100GS	1994-2000	YT19BL-BS	51913	
1100	R1100R/LT	1994-2001	YT19BL-BS	51913	
1100	R1100RS/RT	1993-on	YT19BL-BS	51913	
1100	R1100S	1999-2002	YT19BL-BS	51913	
1150	R1150GS	1999-on	YT19BL-BS	51913	
1150	R1150GS Adventure	2002-2005	YT19BL-BS	51913	
1150	R1150R	2000-on	YT19BL-BS	51913	
1150	R1150RS/RT	2001-2005	YT19BL-BS	51913	
1169	HP2		YTZ12S		
1200	K1200 Cruiser	1998-2002	YT19BL-BS	51913	
1200	K1200LT/GT/RS	1997-on	YT19BL-BS	51913	
1200	K1200R/S	2005-on	GYZ16H	YTX14-BS	
1200	R1200C/RT	1998-on	YT19BL-BS	51913	
1200	R1200GS	2005-2012	GYZ16H	YTX14-BS	
1200	R1200GS	2013-2014	YTZ14S		
1200	R1200GS Adventure	2009-on	YTZ14S		
1200	R1200GS Successor	2009-on	YTZ14S		
1200	R1200R/S		GYZ16H	YTX14-BS	
1200	R1200R Successor	2009-on	YTZ14S		
1300	K1300GT	2009-2010	YT19BL-BS	51913	
1300	K1300R/S	2009-2010	GYZ16H	YTX14-BS	
1600	K1600GT/GTL		YT19BL-BS	51913	
BSA					
1200	500 Gold Star		B38-6A		
1200	500, 600, 650, 750 (12V)		YB7-A	12N7-4A	
	250, 350, 400, 441, 500 (12V)		YB7-A	12N7-4A	
	600, 650, 750 (12V)		YB7-A		



B-C

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BSA CONTINUED					
	Bantam		6N5.5-1D		
	Rocket 750, Thunderbolt		YB9L-B		
	Spitfire HK35, Starfire B25		YB9L-B		
BSV					
50	GP Dio, Sp Dio, GZ		YTX4L-BS		
50	ZX	1994-1995	YTX4L-BS		
100	R100 S	1977-1979	53030		
100	R100 T	1978-1981	53030		
BUELL					
500	Blast	2000-2008	GYZ16H	YTX14-BS	
984	XB9R Firebolt, XB9SX Lightning	2002-2010	YTX14-BS		
1000	RR1000	1987	YTX20-BS		
1200	M2 Cyclone	1997-2002	GYZ20HL	GYZ20L	YTX20HL-BS
1200	RR1200	1988-1990	YTX20-BS	YB16-B-CX	
1200	RS1200	1989-1993	YTX20-BS	YB16-B-CX	
1200	RSS1200	1991-1993	YTX20-BS	YB16-B-CX	
1200	S1 Lightning, WL White	1996-1999	YTX20HL-BS		
1200	S2, S2T Thunderbolt	1994-1996	YTX20-BS	YB16-B-CX	
1200	S3, S3T Thunderbolt	1997-2002	GYZ20HL	GYZ20L	YTX20HL-BS
1200	X1 Lightning	1999-2002	GYZ20HL	GYZ20L	YTX20HL-BS
CAGIVA					
50	City, Lucky, Explorer	1994-1997	YTX4L-BS		
50	Cocis, Supercity		YB5L-B		
50	Cucciolo, Mito	1998	YB4L-B		
50	K3, W4	1998	YB4L-B		
50	Prima		YB5L-B		
125	Aletta Oro [Electric-Starter]		YB12A-A		
125	Blues, Elefantre		YB12A-A		
125	Crouser CUCC125	1987-1988	YB9-B		
125	Cuccido		YB9L-A2		
125	EV		YB9-B		
125	Freccia C9/C10R/C12R	1987-1990	YB9-B		
125	K7, Passing		YB4L-B		
125	Mito 2	1990-1998	YB9-B		
125	N90	1997	YB9-B		
125	Planet	1998	YB9-B		
125	Replica/EV	1990-1998	YB9-B		
125	SM125	2000	YTX5L-BS		
125	SST Electra		YB12A-A		
125	Supercity	1991-1997	YB9-B		
125	SXT		12N5.5-3B		
125	Tamanaco		YB9-B		
125	W8		YB4L-B		
125	WRE 125	2000	YTX5L-BS		
200	Roadstar	1995	YB9-B		



C

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
CAGIVA CONTINUED					
250	SST, SX		12N7-3B		
300	Elefant 2 Cyl.	1986-on	YB14L-A2		
300	SST, SX		12N7-3B		
300	T4 E Elefant, W12	1993-1997	YB14L-A2		
300	T4 R	1987-on	YB3L-A		
300	W12		YB14L-A2		
350	Elefant 2 Cyl.	1986-on	YTX14AHL-BS		
350	T4 E Elefant, W12	1987-on	YTX14AHL-BS		
350	T4 R	1987-on	YB3L-A		
500	Canyon, River	1998-2001	GYZ16H	YTX14-BS	
500	T4 E Elefant	1988-on	YTX14AHL-BS	YB14L-A2	
600	Canyon, River	1995-1996	YB14L-A2		
600	Canyon, River	1996-1997	YB16AL-A2		
600	W16	1994-1997	YB14L-A2		
650	Elefant	1986-on	YB14L-A2		
650	Raptor, V Raptor	2000-2002	YTX12-BS		
650	Raptor	2003-2004	YTX9-BS		
750	Elefant	1994-1997	YB16-B		
750	Elefant Bifaro	1989-on	YTX14AHL-BS	YB14L-A2	
900	Canyon I.E.	1998-2000	YB16-B		
900	E900	1994-1997	YB16AL-A2		
900	Elefant, AC	1993-1996	YB16-B		
900	Gran Canyon	1999	YB16-B		
900	I.E. GT	1991-1993	YB16-B		
1000	Canyon I.E.	1997-on	YB16-B		
1000	Gran Canyon		GYZ16H	YTX14-BS	
1000	I.E. GT	1991-1993	YB16-B		
1000	Navigator	2000-2002	YB16-B		
1000	Raptor, V Raptor	2000-2002	YTX12-BS		
1000	V Raptor	2003-2004	YTX9-BS		
CAN-AM					
990	Spyder	2008-2013	YTX24HL-BS		
CANNONDALE					
400	EX400, MX400, XC400	2000-2001	YTZ7S	YTX5L-BS	
440	C440, E440, S440, X440, X440S	2002-2003	YTZ7S		
CCM					
600	All Electric Start Models	1996-2001	YTX9-BS		
CHANGZHOU GUANGYANG					
100	CK100		YTX5L-BS		
110	CK110		YB5L-B		
125	CK125T		YTX7A-BS		
CHANSHA GUANGNAN					
50	KN50QT		YTX4L-BS	YT4L-BS	
100	KN100-2		YTX5L-BS		
125	KN125-T		YTX7A-BS		



C-D

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
CHONGQING LONGCIN					
90	JL90		YB5L-B		
90	LX90/J		YB5L-B		
110	LX110-13A		YTX5L-BS		
110	LX110-3D II		YB5L-B		
125	LX125-10		12N7-3B		
125	LX125-3A		12N7-4B		
125	LX125-5		12N9-4B-1		
125	JL125-5A		12N7-3B		
125	LX125-16A		YTX7A-BS		
150	ATV150-M		12N9-4B-1		
150	JL150-3A		12N9-4B-1		
150	JL150-6A		12N7-4B		
150	LX150-2EV		YB7L-B		
250	JL250GY		YTX9-BS		
250	LX250Y-3		YTX7L-BS		
DACHANGJIANG					
100	AX100		6N4-2A		
100	HJ110		YB5L-B		
125	GZ125HS		YTX7L-BS		
125	HJ125F/J-8		YB7-A		
125	HJ125T-9		YTX7A-BS		
DAELIM					
125	NS125	1997-on	YTX7A-BS		
125	VC125	1996	YB9-B		
125	VS125	1997	YB9-B		
DERBI					
50	All Models		YB4L-B		
125	Boulevard 125		YB9L-A2		
150	Boulevard 150		YB9L-A2		
DUCATI					
75	Cross		B38-6A		
75	Six Days		6N4-2A-4		
175	Cross		B38-6A		
200	Motocarro		12N24-3A		
250	Cross		B38-6A		
350	Alazzurra	1987-on	YB14L-A2		
350	Cross		B38-6A		
350	F3	1987-on	YB14L-A2		
350	Indiana, Pantah, XL		YB14L-A2		
350	Mark3, Scrambler		B38-6A		
350	SS Supersport	1993-on	YB16AL-A2		
350	Vento		YB12A-A		
400	Alazzurra, F3	1987-on	YB14L-A2		
400	Monster		YT12B-BS		
400	SS Supersport	1991-1999	YB16AL-A2		

D

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
DUCATI CONTINUED					
400	TS		B38-6A		
500	Pantah		YTX14AHL-BS	YB14L-A2	
600	M Chromo	1998	YB16AL-A2		
600	M City/Dark/Dark City	1998-2000	YB16AL-A2		
600	M Dark	2001	YT12B-BS		
600	Monster	1994-2000	YB16AL-A2		
600	Monster	2001	YT12B-BS		
600	Pantah		YTX14AHL-BS	YB14L-A2	
600	SS Supersport	1994-1998	YB16AL-A2		
600	TL		YTX14AHL-BS	YB14L-A2	
620	Monster/IE/S/Sport	2002-2003	YT12B-BS		
650	Alazzurra, Indiana, Pantah		YTX14AHL-BS	YB14L-A2	
696	Monster 696		YT12B-BS		
748	Biposto	2001-2003	YT12B-BS		
748	SR	2001-2002	YT12B-BS		
748	Strada Biposto, SP, SPS	1997-2000	YB16AL-A2		
749	Superbike 749R, S		YT12B-BS		
750	F1, Montijuich, Paso	1987-1991	YTX14AHL-BS	YB14L-A2	
750	GT, Luguna Seca		53030		
750	Indiana		YTX14AHL-BS	YB14L-A2	
750	M City/Dark/Dark City	1999-2000	YB16AL-A2		
750	M Dark	2001	YT12B-BS		
750	M IE/IE Dark	2002	YT12B-BS		
750	Monster	2001	YT12B-BS		
750	New Monster		YT12B-BS		
750	Paso/F1	1987-1990	YB14L-A2		
750	Sport	1989-1990	YB16AL-A2		
750	Sport	2001-2002	YT12B-BS		
750	SS	1990-2000	YB16AL-A2		
750	SS IE	2000	YB16AL-A2		
750	SS IE	2001-2002	YT12B-BS		
750	SS Supersport (Kick-Starter)		YB12A-A		
750	SS Veloce	1998	YB16AL-A2		
800	Monster S	2003-on	YT12B-BS		
800	Monster S2R	2005	YT12B-BS		
800	Supersports		YT12B-BS		
803	Hypermotard 796		YT12B-BS		
803	Monster 795/796		YT12B-BS		
803	Scrambler 800		YT12B-BS		
821	Hym		YT12B-BS		
821	Monster 821		YT12B-BS		
849	Streetfighter 848		YT12B-BS		
849	Superbike 848 EVO		YT12B-BS		
849	Superbike 848 EVO Corse SE		YT12B-BS		
850	Electric		Y60-N24L-A		



D

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
DUCATI CONTINUED					
851	Biposto, SP2, Sport	1989-1990	YB16AL-A2		
851	S Superbike	1991-1992	YB16AL-A2		
851	Strada	1989	YB16AL-A2		
851	Superbike, Strada	1989-1990	YB16B-A		
851	Superbike	1990-1991	YB16AL-A2		
860	GT, GTS		53030		
860	Kick-Start		YB12A-A		
888	SP, SP II, SP IV, SP V	1990-1995	YB16AL-A2		
888	Strada	1991-1994	YB16AL-A2		
899	Panigale	2014-on	YT7B-BS		
900	M Chromo	2001	YT12B-BS		
900	M Chromo/Special	1998-2000	YB16AL-A2		
900	M City/Dark/Dark City	1999-2000	YB16AL-A2		
900	M Dark/Metallic/S	2001	YT12B-BS		
900	M IE2/IE DARK2	2002	YT12B-BS		
900	M Metallic	2000	YB16AL-A2		
900	Monster, Superlight	1994-2000	YB16AL-A2		
900	Monster	2000-on	YT12B-BS		
900	SD Darmah		53030		
900	SL	1992-1996	YB16AL-A2		
900	Sport	2002	YT12B-BS		
900	SS (avviamento pedale)		12N12A-4A-1		
900	SS IE	2000	YB16AL-A2		
900	SS IE	2001-2002	YT12B-BS		
900	SS (Kick-Starter)	1981	YB12A-A		
900	SS Replica	1981	YB12A-A	12N12A-4A-1	
900	SS Supersport, Replica	1982-on	YTX14AHL-BS	YB14L-A2	
900	Supersport FE	1997-1999	YB16AL-A2		
904	Supersport 900	1999	YB16AL-A2		
906	Paso	1989-1994	YB14L-A2		
906	Paso	1990-1992	YB16-B		
907	IE. Paso	1990-1994	YB16-B		
916	Biposto, Senna, Strada	1994-1998	YB16AL-A2		
916	IE., SP, SPS	1994-1998	YB16AL-A2		
916	Monster S4	1981-1983	YT12B-BS		
916	ST4	1999-2000	YB16AL-A2		
916	ST4	2001-on	YT12B-BS		
944	ST2	2001-2003	YT12B-BS		
992	ST3		YT12B-BS		
996	996, S, SPS	1999-2000	YB16AL-A2		
996	Monoposto	1999-2000	YB16AL-A2		
996	Monoposto, Bistro, S	2001-on	YT12B-BS		
996	Sport Touring v4S	2001-on	YT12B-BS		
996	SPS/SPS2	1999-2000	YB16AL-A2		
996	ST4S ABS	2001-on	YT12B-BS		



D-F

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
DUCATI CONTINUED					
998	998, 999, R, S	2002-2003	YT12B-BS		
998	Monoposto/S/Biposto	2002-2003	YT12B-BS		
998	ST4	2001-on	YT12B-BS		
1000	Desmosedici RR		YT12B-BS		
1000	Monster S2R		YT12B-BS		
1000	Monster S4/S4RS/S4R	2003	YT12B-BS		
1000	Multistrada WW	2003	YT12B-BS		
1000	Supersport HF	2003	YT12B-BS		
1078	Hypermotard 1100 EVO/EVO SP		YT12B-BS		
1078	Monster 1100 EVO		YT12B-BS		
1078	Monster Diesel		YT12B-BS		
1098	1098	2007	GYZ16H	YTX14-BS	
1098	Hypermotard 1100S	2007	YT12B-BS		
1098	Superbike 1098/S/Tricolore	2007	YT12B-BS		
1099	Streetfighter S		YT12B-BS		
1198	Diavel		YT12B-BS		
1198	Diavel Cromo/Carbon/AMG		YT12B-BS		
1198	Monster 1200	2014-on	YT12B-BS		
1198	Multistrada 1200		YT12B-BS		
1198	Multistrada 1200 S Sport		YT12B-BS		
1198	Multistrada 1200 S Touring		YT12B-BS		
1198	Multistrada 1200 S Touring D/Air		YT12B-BS		
1198	Multistrada 1200 S Pikes Peak		YT12B-BS		
1198	Superbike 1199 Panigale		YT7B-BS		
1198	Superbike 1199 Panigale S		YT7B-BS		
1198	Superbike 1199 Panigale S Tricolore		YT7B-BS		
1199	Panigale	2014-on	YT7B-BS		
1299	Panigale	2015-on	YT7B-BS		
	944	1997-2000	97-00	YB16AL-A2	
	All Other Models	2001-2007	YT12B-BS		
E-TON					
50	Beamer 50, Beamer III	2000-2012	YTZ7S	YTX5L-BS	
50	Matrix 50	2012	YTZ7S	YTX5L-BS	
50	Sport 50	2012	YTX7A-BS		
E-TON CONTINUED					
150	Beamer R4-150	2012	YTX9-BS		
150	Matrix R4-150	2012	YTX9-BS		
150	Sport 150	2012	YTX7A-BS		
EXCELSIOR-HENDERSON					
1386	Super X		GYZ20HL	GYZ20L	YTX20HL-BS
FANTIC MOTOR					
50	Grinta	1995-1996	YTX4L-BS	YT4L-BS	
50	HP1		YB4L-B		
50	Koala	1993-1997	YB4L-B		
50	Leader	1995	YTX4L-BS	YT4L-BS	



F-G

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
FANTIC MOTOR CONTINUED					
50	Oasis		YB4L-B		
50	Oasis EPV		12N5.5-3B		
50	Pony, SR	1995	YB4L-B		
50	Queenie	1995	YTX4L-BS	YT4L-BS	
80	Koala	1993-1996	YB4L-B		
125	Raider LC		YB3L-A		
125	Strada Sport	1985	6N4B-2A		
250	Raider LC		YB3L-A		
GARELLI					
50	Big Racing	1994	YB4L-B		
50	Big Wheel	1994-1995	YB4L-B		
50	Grinta	1995-1996	YTX4L-BS	YT4L-BS	
50	Noi		YB4L-B		
50	Pony/SR	1994-1995	YB4L-B		
50	Queenie	1995	YTX4L-BS	YT4L-BS	
50	Sahel, Team, Urka		YB4L-B		
50	XLE Tiger		YB4L-B		
125	GTA (Electric-Starter)		YB9-B		
125	GTA (Kick-Starter)		YB5L-B		
125	TSR		12N7-4B		
125	XR Tiger (Electric-Starter)		YB9-B		
125	XR Tiger (Kick-Starter)		YB5L-B		
GAS GAS					
250	Pampera	1996-2001	YTX4L-BS		
320	Pampera	1998-2001	YTX4L-BS		
370	Pampera	1997	YTX4L-BS		
GILERA					
50	Bullit, Easy Moving, Runner	1997	YB4L-B		
50	DNA		YTX4L-BS		
50	Eaglet	1995-1997	YB4L-B		
50	Easy Moving		YB4L-B		
50	GSA (Electric-Starter)		YB4L-B		
50	Ice		YTX4L-BS		
50	Runner	2002-on	YTX4L-BS		
50	Runner Purejet	2002-on	YB9-B		
50	Runner/SP	1997	YB4L-B		
50	Sioux EL.-Starter		YB4L-B		
50	Stalker, Storm, Top Rally		YB4L-B		
50	Typhoon, X	1997	YB4L-B		
50	503		YB4L-B		
125	Apache (Electric-Starter)		YB9-B		
125	Apache (Kick-Starter)		12N5.5-3B		
125	Arizona (Electric-Starter)		YB9-B		
125	Arizona (Kick-Starter)		12N5.5-3B		
125	Coguar	1999	YB9-B		

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
GILERA CONTINUED					
125	Crono (Electric-Starter)		YB9-B		
125	Crono (Kick-Starter)		12N5.5-3B		
125	CX (Electric-Starter)		YB9-B		
125	CX (Kick-Starter)		12N5.5-3B		
125	DNA		YB10L-B		
125	Fast Bike (Electric-Starter)		YB9-B		
125	Fast Bike (Kick-Starter)		12N5.5-3B		
125	Freestyle (Electric-Starter)		YB9-B		
125	Freestyle (Kick-Starter)		12N5.5-3B		
125	GFR (Electric-Starter)		YB9-B		
125	GFR (Kick-Starter)		12N5.5-3B		
125	KK, KZ (Electric-Starter)		YB9-B		
125	KK, KZ (Kick-Starter)		12N5.5-3B		
125	MX1, MXR (Electric-Starter)		YB9-B		
125	MX1, MXR (Kick-Starter)		12N5.5-3B		
125	Nebraska (Electric-Starter)		YB9-B		
125	Nebraska (Kick-Starter)		12N5.5-3B		
125	R1, R1S (Electric-Starter)		YB9-B		
125	R1, R1S (Kick-Starter)		12N5.5-3B		
125	RC Rally		YB10L-B		
125	RTX, RV, RX (Electric-Starter)		YB9-B		
125	RTX, RV, RX (Kick-Starter)		12N5.5-3B		
125	Runner FX, SP		YB9-B		
125	Runner VX4T		YT12B-BS		
125	RV (Electric-Starter)		YB9-B		
125	RV (Kick-Starter)		12N5.5-3B		
125	RTX (Electric-Starter)		YB9-B		
125	RTX (Kick-Starter)		12N5.5-3B		
125	SP01, SP02 (Electric-Starter)		YB9-B		
125	SP01, SP02 (Kick-Starter)		12N5.5-3B		
125	Top Rally (Electric-Starter)		YB9-B		
125	Top Rally (Kick-Starter)		12N5.5-3B		
125	Typhoon		YB7-A		
125	X		YB9-B		
125	XR1, XR2 (Electric-Starter)		YB9-B		
125	XR1, XR2 (Kick-Starter)		12N5.5-3B		
180	Runner FXR, SP		YB10L-B		
180	Runner SP	1999	YTX12-BS		
180	Runner VXR4T		YT12B-BS		
200	Arizona (Electric-Starter)		12N5.5-3B		
200	Arizona (Kick-Starter)		YB9-B		
200	Fast Bike (Electric-Starter)		12N5.5-3B		
200	Fast Bike (Kick-Starter)		YB9-B		
200	Motocarro		B38-6A		
200	RTX, RV, RX (Electric-Starter)		YB9-B		

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
GILERA CONTINUED					
200	RTX, RV, RX (Kick-Starter)		12N5.5-3B		
200	T4		12N5.5-3B		
250	Arizona Rally		YB10L-B		
250	RV NGR (Electric-Starter)		YB10L-B		
250	RV NGR (Kick-Starter)		12N5.5-3B		
350	Dakota (Electric-Starter)		YB10L-A2		
350	Dakota (Kick-Starter)		12N5.5-3B		
350	ER (Electric-Starter)		YB10L-A2		
350	ER (Kick-Starter)		12N5.5-3B		
350	XRT		YB14L-A2		
500	Dakota (Electric-Starter)		YB10L-A2		
600	Nordwest	1993	YB14L-A2		
600	RC600C	1993	YB14L-A2		
600	Top Rally, XRT		YB14L-A2		
GUANGYANG MOTOR					
50	CK50		YT4L-BS	12N7-4B	
100	CK100		YTX5L-BS		
110	CK110		YB5L-B		
110	KK110		YB5L-B		
125	CK125-6		12N7-3B		
125	CK125T, CK125-2F		YTX7A-BS		
125	KN125T, KK125T		YTX7A-BS		
150	CK150		YTX9-BS		
GUANGZHOU HUANAN					
	FYEY		YTX4L-BS		
	FYJ		12N9-4B-1		
	FYLS, FYFSB		YTX7L-BS		
	FYT3A		YTX5L-BS		
	H2100		YTX7A-BS		
HAOJIN					
100	HJ100-3		YB5L-B		
100	HJ100T-E/A		YTX7A-BS		
125	HJ125-2/3/5/9/10/15/18		12N9-4B-1		
125	HJ125-7/6/6A		YB7-A		
125	HJ125T, HJ125T-3/8/B/D/2D		YTX7A-BS		
150	HJ150-9/10		12N9-4B-1		
150	HJ150ST		YTX9-BS		
250	HJ250		12N9-4B-1		
HARLEY-DAVIDSON					
90	Z90	1973-1976	YB7L-B	12N7-3B	
125	SS125, SX125	1974-1978	YB7L-B	12N7-3B	
125	SXT125	1975-1978	YB7L-B	12N7-3B	
125	TX125	1973-1978	YB7L-B	12N7-3B	
175	SS175, SX175	1974-1978	YB7L-B	12N7-3B	
250	SS250, SX250	1975-1978	YB7L-B	12N7-3B	

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HARLEY-DAVIDSON CONTINUED					
350	SS350	All Years	6N11A-1B		
500	MT500 (Military)	All Years	YTX14AHL-BS	YB14L-A2	
500	Street	2014-on	GYZ16HL	YTX14L-BS	
750	Street	2014-on	GYZ16HL	YTX14L-BS	
883	XL, XLH (Sportster)	1997-2003	GYZ20HL	GYZ20L	YTX20HL-BS
883	XL, XLH (Sportster)	2004-2014	GYZ16HL	YTX14L-BS	
1000	XLCH Series (Sportster Kick-Starter)	1970-1978	YB7-A	12N7-4A	
1000	XLCR Cafe Racer	1977-1978	YTX20-BS	YB16-B-CX	YB16-B
1000	1000 XLX-61, XR1000	1983-1985	YTX20-BS	YB16-B-CX	YB16-B
1100	XL Series (Sportster)	1987-1993	YTX20-BS	YB16-B-CX	YB16-B
1200	FX Series (Electric-Starter)	1971-1978	YTX20-BS	YB16-B-CX	YB16-B
1200	FX Series (Kick-Starter)	1971-1972	YB7-A	12N7-4A	
1200	XL, XLH (Sportster)	1987-1996	YTX20-BS	YB16-B-CX	
1200	XL, XLH (Sportster)	1997-2003	GYZ20HL	GYZ20L	YTX20HL-BS
1200	XL, XLH (Sportster)	2004-2013	GYZ16HL	YTX14L-BS	
1340	FL, FLH Series (Touring)	1980-1996	YTX24HL-BS	Y50-N18L-A-CX	
1340	FL, FLH Series (Touring)	1997-1998	YIX30L	YB30L-B	
1340	FLST Series (Softail)	1991-1999	GYZ20HL	GYZ20L	YTX20HL-BS
1340	FX, FXR Series	1979-1994	YTX20-BS	YB16-B-CX	YB16-B
1340	FXD, FXST Series (Dyna)	1991-1999	GYZ20HL	GYZ20L	YTX20HL-BS
1340	FXR Series	1999-2000	YTX20-BS	YB16-B-CX	YB16-B
1340	FXST, FLST Series (Softail)	1984-1990	YTX20-BS	YB16-B-CX	YB16-B
1450	FL, FLH Series (Touring)	1999-2006	YIX30L	YB30L-B	
1450	FXD Series (Dyna)	1999-2006	GYZ20HL	GYZ20L	YTX20HL-BS
1450	FXST, FLST Series (Softail)	2000-2006	GYZ20HL	GYZ20L	YTX20HL-BS
1580	FL, FLH Series (Touring)	2007-2010	YIX30L		
1580	FXD Series (Dyna)	2007-2010	YTX20HL-BS	YTX20L-BS	
1580	FXST, FLST Series (Softail)	2007-2010	YTX20HL-BS	YTX20L-BS	
1584	FL, FLH Series (Touring)	2007-2011	GYZ32HL		
1584	FXD Series (Dyna)	2007-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1584	FXST, FLST Series (Softail)	2007-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1690	FLH, FLT(Touring)	2010-2013	GYZ32HL		
1690	FLS (Softail)	2011-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1690	FXD (Dyna)	2011-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1803	CVO FLH (Touring)	2007-2013	GYZ32HL		
1803	CVO FLST (Softail)	2007-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1803	CVO FXD Fat Bob (Dyna)	2010-2012	GYZ20HL	GYZ20L	YTX20HL-BS
HERCULES (SACHS)					
50	FOX	1993	YB5L-B		
50	Gipsy	1995	YB4L-B		
50	KX5	1993-1997	YB4L-B		
50	Limbo L/M/MA/ML	1995-1997	YB4L-B		
50	Reggage/Splinter	1996-1997	YB4L-B		
50	Samba, Swing	1994-1997	YB4L-B		
50	Ultra		12N9-3B		

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HERCULES (SACHS) CONTINUED					
80	RX9		YB5L-B		
80	SR Samba	1994-1996	YB5L-B		
80	Ultra AC/F/RS		12N9-3B		
125	K103, K105X		6N11A-1B		
125	K125 S-RT/T-RT		6N11A-1B		
125	K125X Military		6N11A-1B		
125	SR125 Samba	1994-1997	YB5L-B		
125	W2000 Wankel		YB18L-A		
125	125E		6N11A-1B		
HMZ					
50	Cab	1996	YTX4L-BS	YT4L-BS	
HONDA					
50	Benly 50	2011-on	YTX4L-BS	YT4L-BS	
50	Bite	2001-on	YTZ7S		
50	C100, C100T, CA100, CA100T	1959-1969	6N2-2A		
50	C110	2009	YTZ7S		
50	C50SW	1994	YB4L-B		
50	C50Z/Z2	1979-1980	6N4-2A-4		
50	CB50 J, J (B)	1979-1981	6N4-2A-4		
50	CB50J/F	1981	6N2-2A		
50	CD50	1982	6N4-2A-4		
50	CF50	2009-on	6N4-2A-4		
50	CHF50	2002-2012	YTZ7S		
50	CHF50 Metropolitan/II/SP	1993-1994	YTZ7S		
50	CRM50	2012-on	YB3L-A		
50	Dio	2011-on	YTX4L-BS		
50	Dio Cesta	2002	YTX4L-BS		
50	Dio Z4	1993-1994	YTZ7S		
50	Dio50 (SP50 Dio)	2010-on	YTX4L-BS	YT4L-BS	
50	EVC50		YT4L-BS		
50	Fifty	2001-on	YB4L-B		
50	Giorcub	2003	YTZ7S		
50	Giorno Crea	2011-on	YTZ7S		
50	Giorno (JBH-AF70)	2000-on	YTX4L-BS		
50	GP Dio	2000-on	YTX4L-BS		
50	Gyro Canopy (TA02)	2008-on	YTX7L-BS		
50	Gyro Canopy (JBH-TA03)	2000-on	YTZ7S		
50	Gyro Up	2000-on	YTX4L-BS		
50	Gyro X	2008-on	YTX4L-BS		
50	Gyro X Standard	2001-on	YTZ7S		
50	Julio	1999	YTZ7S		
50	KGB	2001	YTZ7S		
50	Lead	2000-on	YTZ7S		
50	Lead	2001-on	YTX4L-BS	YT4L-BS	
50	Little Cub	1985-1987	YTX4L-BS	YT4L-BS	



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
50	MBX50FW/FWD/S/SD/SWD	1985-1989	YB3L-A		
50	MTX50FR/RS/S	1979	YB3L-A		
50	NA50 Express II	1980-1981	6N2-2A		
50	NA50 Express II	1985-1987	6N4-2A-8		
50	NB50 Aero	1983-1987	YTX4L-BS		
50	NB50/M	1983-1984	YTX4L-BS	YT4L-BS	
50	NB50M Aero	1978-1979	YB4L-B		
50	NC50 Express	1982	6N2-2A		
50	ND50 M	1986-1998	YB4L-B		
50	NH50 MS		YB4L-B		
50	NJ50	1984	YTZ7S		
50	NN50MD Gyro	2010-on	YB4L-B		
50	NPS50	1997	YTZ7S		
50	NP50/M Sky	2003-2013	YB4L-B		
50	NPS50/S Ruckus	1984-1985	YTZ7S		
50	NQ50 Spree	1986-1987	YB4L-B		
50	NQ50 Spree, 50D SS	1985	YTX4L-BS		
50	NQ50/M	1986-1987	YB4L-B		
50	NQ50/M	1990-1999	YTX4L-BS	YT4L-BS	
50	NS50F, NS 1	1987-1995	YB3L-A		
50	NSR50/A/F	1981-1982	YB3L-A		
50	NU50M Urban Express Deluxe	1967-1968	YB4L-B		
50	NX50M Express SR		YB4L-B		
50	P50 Little Honda	1990-1999	6N4-2A-4		
50	PK Wallaroo		YTX4L-BS		
50	PK50/M/SM	1984	YTX4L-BS	YT4L-BS	
50	Press Cub		YTX4L-BS	YT4L-BS	
50	PX50 MS		YB4L-B		
50	PXR	1988-2001	YB4L-B		
50	SA Vision	1988-1990	YTX4L-BS		
50	SA50 Elite LX/S/SR	1997	YTX4L-BS		
50	SB50 (All)	2001-on	YTX4L-BS		
50	SC01	1987	YTX4L-BS		
50	SC01	1988-1989	YTX4L-BS	YT4L-BS	
50	SE50	1990	YTX4L-BS	YT4L-BS	
50	SE50 Elite (All)	1997	YTX4L-BS		
50	SG50M	1987-1989	YTX4L-BS	YT4L-BS	
50	SGX50 Sky	2001-on	YTX4L-BS	YT4L-BS	
50	SH50	1997	YB4L-B		
50	SH50 Scoopy, Crea	2001-on	YTZ7S		
50	Shadow 50	1992-1994	YTX4L-BS	YT4L-BS	
50	Shadow 50	2000-on	YTX4L-BS		
50	SK50/M	1999	YTX4L-BS	YT4L-BS	
50	Sky		YTX4L-BS		
50	Sky Dax	1997-on	YTX4L-BS	YT4L-BS	



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
50	SP Dio	1988-1997	YTX4L-BS		
50	SR50	2007-on	YTX4L-BS		
50	ST50 Dax	2001-on	YTX4L-BS	YT4L-BS	
50	Super Cub 50	2000-on	YTX4L-BS	YT4L-BS	
50	Tact	1985-1986	YTZ7S		
50	TC50	1993-1994	YTX7L-BS		
50	TG50 Gyro S (All)	1988	YTX4L-BS		
50	Vision 50	1988	YTX4L-BS	YT4L-BS	
50	ZB50	2001-on	YTX4L-BS		
50	ZB50P Monkey	1962-1965	YTX4L-BS	YT4L-BS	
50	Zoomer	1965-1969	YTZ7S		
55	CA105T Trial C	1982-1983	6N2-2A		
65	S65 Sport (CS65)	1982-1984	6N2-2A		
70	C70 Passport	1983-1984	YB5L-B		
70	C70/DM	1997	YB5L-B		
70	C70CM	1990	6N4-2A-4		
70	C70CMP	1979-1993	YB4L-B		
70	C70MA	1981	6N4-2A-4		
70	C70W	1991-1994	YB4L-B		
70	C70Z/Z2	1986	6N4-2A-4		
70	CD70	1991-1994	6N4-2A-4		
70	CT70	1980-1982	YTX4L-BS		
70	CT70 (Canada)	1969-1971	6N4-2A-4		
70	CT70 (Canada)	1971-1972	YTX4L-BS	YT4L-BS	
70	CT70 Trail	1989-1994	6N4-2A-8		
70	CT70H	1989-1994	6N2A-2C		
70	SL70 Motosport	1983	6N2A-2C		
70	ST70	1992-1994	YTX4L-BS	YT4L-BS	
75	CRM75	1991	YB3L-A		
75	MBX75 FW	1993-1994	YB3L-A		
75	MTX75R	1991	YB3L-A		
75	NSR75	1987-1989	YB3L-A		
75	SA75M		YTX4L-BS	YT4L-BS	
75	Scoopy 75	1993-2007	YB5L-B		
75	SH75	1985-1987	YB5L-B		
80	CH80	1983	YTX5L-BS	YT5L-BS	
80	CH80 Elite	1987	YTX5L-BS		
80	MBX80 SW/SWD/2/FWD	1985	YB3L-A		
80	MCX80 S	1986-1994	YB3L-A		
80	MTX80 R2/RS	1983-1984	YB3L-A		
80	NH80 Aero	1985-1990	YTX5L-BS		
80	NH80 MD/SD/MS	1983-1985	YB5L-B		
80	NH80 MD Aero	1983-1985	YB5L-B		
80	XL80	1995	6N4-2A-8		
80	XL80 (USA)	1992-1993	6N4-2A-8		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
80	XL80S	1982-1993	6N4-2A-8		
90	C90 CW	1967-1970	YB4L-B		
90	C90 D/Z	1964-1966	6N4-2A-4		
90	C90/M	1966-1979	YB5L-B		
90	CL90/L 5HP Scrambler	1991-1996	6N5.5-1D		
90	CT200 Trail 90		6N5.5-1D		
90	CT90 Trail	1999	6N5.5-1D		
90	EZ90 Cub	1969	YTX5L-BS		
90	Shadow 90	1973-1975	YTX5L-BS		
90	Shadow 90 (Rest)		YTX4L-BS	YT4L-BS	
90	SL90 Motosport	1996	6N5.5-1D		
90	ST90 Trail Sport		6N5.5-1D		
90	Super Cub	1988-1992	YTX4L-BS	YT4L-BS	
90	TH90T	1987	YTX4L-BS	YT4L-BS	
100	BC100	1992	YTX4L-BS	YT4L-BS	
100	C100 M	1994	YB5L-B		
100	C100 MA	1981	YTX4L-BS	YT4L-BS	
100	C100 TH	1970-1972	YTX4L-BS	YT4L-BS	
100	CB100	1970-1973	6N6-3B		
100	CB100	1997	6N6-3B-1		
100	CB100 N	2008	6N6-3B		
100	CB100 Super Sport	2010-on	6N6-3B		
100	CL100 S Scrambler	1997	6N6-3B		
100	EX Bali	1998	YTX5L-BS	YT5L-BS	
100	Lead	1984-on	YTX7L-BS		
100	Lead EX	2003-on	YTX7L-BS		
100	NF100/M	2000	YTX5L-BS		
100	NH100 1D	1996	YTX5L-BS		
100	NH100 1D (Rest)		YB5L-B		
100	SCV100	1970-1973	YTX5L-BS		
100	SH100	1974-1976	YTX5L-BS		
100	SH100 Scoopy	1979-1980	YTX5L-BS	YT5L-BS	
100	SJ Bali EX	1983-1985	YTX5L-BS	YT5L-BS	
100	SL100 Motosport	2008	6N6-3B		
100	XL100	2012-on	6N6-3B		
100	XL100S	2009-on	6N4-2A-4		
110	Air Blade	2008	YTX4L-BS		
110	Benry 110	1986	YTX4L-BS		
110	C110	1980-1984	YTZ7S		
110	C110B	1201-on	YTZ7S		
110	Click	1989-1992	YTX4L-BS		
110	CT110 Trail	1997	6N4-2A-8		
110	CT110 Trail	2010-2013	6N4-2A-4		
110	Dio 110	1993	YTX7L-BS		
110	LS110 TH	2008	YB3L-A		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
110	NHX110 Elite	2009-on	YTX7L-BS		
110	NT110MV	2009-on	YB4L-B		
110	NZ110 MM		YB4L-B		
110	Supra	2008	YTX4L-BS		
110	Super Cub 110	1995-1996	YTZ7S		
110	Super Cub 110 Pro	1995-1997	YTZ7S		
110	Vision 110		YTX7L-BS		
110	Wave 110		YTX4L-BS		
125	CA125		YTX7L-BS		
125	CA125 Rebel	1979-1982	YTX7L-BS		
125	CB Italia	1979	6N6-3B		
125	CB125 B6	1990-1993	6N12A-2D		
125	CB125 K	1982	6N12A-2D		
125	CB125 S/S III-V	1979	6N6-3B		
125	CB125 S2/J/N	1976	6N6-3B		
125	CB125 T/T II	1973-1980	6N6-3B		
125	CB125 T/T II	1981-1982	12N9-4B-1		
125	CB125 TD		YB9-B		
125	CB125N	1981-1982	6N6-3B-1		
125	CB125S	1992	6N6-3B-1		
125	CB125S (Rest)		6N6-3B		
125	CBX/Endurance	1980-1991	6N6-3B		
125	CD125 T	1984	YB9-B	12N9-4B-1	
125	CG125 (Electric-Starter)	1984	YTX5L-BS		
125	CG125 (Kick-Stater)	1988-1995	YTX4L-BS	YT4L-BS	
125	CG125/-IR	1996	YB3L-A		
125	CG125/-IR	1998	6N6-3B		
125	CH125	1999	YB9-B		
125	CH125 Elite	1982-1994	YB9-B		
125	CH125 Spacy/T		YTX9-BS		
125	City Fly	1990	YTX5L-BS		
125	CLR125		YTX5L-BS		
125	CM125 C	2000	12N9-4B-1		
125	CMX	2003-on	YTX7L-BS		
125	CRM	2013-on	YTX4L-BS		
125	CRM125 R	1985	YTX4L-BS	YT4L-BS	
125	CS	1974-1976	6N6-3B		
125	FES125	1985-1990	YTX9-BS		
125	FES125 Panteon	1986-1987	YTX7L-BS		
125	GR0M	2000-on	YTX4L-BS		
125	MBX125 F	1984	YB5L-B		
125	MT125 Elsinore	1983-1986	6N6-3B		
125	MTX125 RW/RW-TH	1989	YB3L-A		
125	MTX125/R/R2	1987	YB5L-B		
125	NES125/Dylan	1992	YTX7L-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
125	NH125 Aero	1997	YB5L-B		
125	NH125 Lead		YB5L-B		
125	NS125 F	1988-1990	YB5L-B		
125	NS125 R/R2/R3	1997	YB5L-B		
125	NSR125 F III/R/R2/Raiden		YTX5L-BS		
125	NSR125 R	1993	YTX5L-BS		
125	NX125	1999	12N9-4B-1		
125	NX125	2010-2013	YTX7L-BS		
125	NX125 Transcity	2000-on	YTX7L-BS		
125	NXR125	2001-2012	YTX5L-BS		
125	NZ125	2013-on	YB3L-A		
125	Pantheon 125	1999	YTX9-BS		
125	PCX 125	1971-1973	YTZ7S		
125	PCX 125	2001-on	YTZ8V		
125	SES125	1988	YTX7L-BS		
125	SH125	1985	YTX7L-BS		
125	SH125		YTZ7S		
125	Shadow 125	2001-on	YTX7L-BS		
125	SL125 Motosport	2010-on	6N6-3B		
125	Spacy 125	1979-1982	YTZ12S		
125	TL125	1985-1987	6N2-2A		
125	TMX125	1998	6N6-3B		
125	VT125 Shadow	2001-on	YTX7L-BS		
125	VT125C	1988	YTZ7S		
125	WW125EX		YTZ7S		
125	XL125 S	1987	6N4-2A-4		
125	XL125R/Pais Dakar	1985-1986	12N9-4B-1		
125	XLR125R	2006-2013	YTX7A-BS		
125	XLV125 Valadero	1999-2002	YTZ7S		
150	CBX150 S	2003-on	YB7L-B		
150	CG150 Titan		YTX7L-BS		
150	CH150 Elite	2003-on	YTX9-BS		
150	CH150 Elite Deluxe	2001	YB9-B		
150	CRF150F	1994-1998	YTZ7S	YTX5L-BS	
150	FES150	1989	YTX9-BS		
150	FES150 (Rest)		YTX7L-BS		
150	Foresight 150	2012-2013	YTX7L-BS		
150	NES150	2014-on	YTX7L-BS		
150	NES150 Z	2000-on	YTX7L-BS		
150	NSR150/R/R2	2010-2013	YB3L-A		
150	NX150	2013-on	YB7L-B		
150	Pantheon	2000-on	YTX9-BS		
150	PCX 150	1965-1969	YTZ7S		
150	PCX 150	1966-1968	YTZ8V		
150	SES150	1969-1970	YTX7L-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
150	SH150	1968-1973	YTZ7S	YTX7L-BS	
150	XLR150	1973-1978	YTX5L-BS		
160	CB160 Sport	1978-1979	YB9-B	12N9-4B-1	
160	CL160 Scrambler	1974-1976	YB9-B	12N9-4B-1	
175	CA175 Touring [CD175K3]	1993	6N12A-2D		
175	CB175 Super Sport	1974	YB9-B	12N9-4B-1	
175	CL175 Scrambler	1985-1988	YB9-B	12N9-4B-1	
175	XL175	1987-1989	6N6-3B		
185	CM185 T Twinstar	1980	6N12A-2D		
185	XL185 S	1981-1982	6N4-2A-4		
200	CB200 T	1986-1989	YB9-B	12N9-4B-1	
200	CBX200 S	1994	YB7L-B		
200	CL200 Scrambler	1985	YB9-B	12N9-4B-1	
200	CM200 T	1986-1987	YTX12-BS	12N9-4B-1	
200	CM200 T Twinstar	1986	6N12A-2D		
200	CM200 T Twinstar	1987	YB9-B	12N9-4B-1	
200	CT200	1986	YB9-B		
200	GLS200	1987	YB7L-B		
200	MTX200 RW	1983-1984	YB3L-A		
200	TLR200	1983-1984	6N2-2A		
200	TLR200 Reflex	2000-on	YTX4L-BS		
200	TR200	2006-2008	YTX7A-BS		
200	TR200	2010-on	YTX9-BS		
200	TR200 Fat Cat	2009-on	YTX9-BS	YTX7A-BS	
200	XL200 Paris Dakar	2003-2013	12N9-4B-1		
200	XL200 R	2003-2013	12N9-4B-1		
200	XL200R		YB3L-A		
200	XR200	2001-on	YTX7L-BS		
223	CB223S	1995	YTZ7S		
225	FTR	1991-1997	YTZ7S		
225	FTR	1997	YTX5L-BS		
230	CRF230L/M	1982	YTZ7S		
230	CRF230F/L	1991-2007	YTZ7S	YTX5L-BS	
230	SL230	1980	YTX5L-BS		
230	XR230	1980	YTZ7S		
250	CA250 T	1979	YTX7L-BS		
250	CA250 TS		YTX7L-BS		
250	CB250	2011-2013	YTX7L-BS		
250	CB250 G/K/N/ND		YB12A-A		
250	CB250 Nighthawk		YTX7L-BS		
250	CB250 RS	1985-1987	12N9-4B-1		
250	CB250 T	1985-1989	YB12A-A		
250	CB250 T2 Twin	1987-1989	YB12A-A		
250	CB250FV Hornet	1985-1990	YTX7L-BS		
250	CBR250R		YTX7L-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
250	CBR250RR	1982	YTX7L-BS		
250	CBX250 Twister	1982-1985	YTX7L-BS		
250	CBX250, RS-YA		YTX9-BS		
250	CD250 U	1996-2013	YTX9-BS		
250	CH250	1985-1987	YTX12-BS		
250	CH250 Elite	1985-1987	YTX12-BS		
250	CJ250 T	2001-on	YB9-B		
250	CL250 S	1986-07	YB9-B		
250	CM250/C, Custom	2013-on	YB9-B		
250	CMX250	2004-2013	YTX7L-BS		
250	CMX250 C Rebel	2009-on	YTX7L-BS		
250	CMX250 C Rebel	2001-2008	YB9L-B		
250	CMX250 C Rebel/ Rebel LTD	1998-2000	YB9L-B		
250	CMX250C3	2013-on	YTX7L-BS		
250	CN250 Fusion Type XX	2001-on	YTX12-BS		
250	CN250 Helix	2001-on	YTX12-BS		
250	CRF250L	1974-1976	YTX7L-BS		
250	CRF250M	2001	YTX7L-BS		
250	CRF250X/XD	1997	YTZ7S	YTX5L-BS	
250	Faze	2010-on	YTZ12S		
250	FES250 Foresight	2001-on	YTZ12S		
250	FES250V Foresight	2001-2007	YTX12-BS		
250	Forza Si	1988-1996	YTZ12S		
250	Forza X/Z	2005-2006	YTZ12S		
250	MT250 Elsinore	2009-2012	6N6-3B		
250	NS250S	1990-1995	YTZ12S		
250	NSR250RR/R		YTX4L-BS	YT4L-BS	
250	NSS250	1997	YTZ12S		
250	NSS250 Jazz	2013-2014	YTZ12S		
250	NSS250 Reflex	2010-2013	YTZ12S		
250	NX250	2014-on	YTX7L-BS		
250	PS250 Big Ruckus	2014-on	YTZ12S		
250	RD	1978-1981	YTZ7S		
250	SM250	1988-1990	YTZ12S		
250	VT250	1972-1976	YTX7L-BS		
250	VT250C V-Twin Magna	1984-1987	YTX7L-BS		
250	VT250CS	1982-1983	YTX7L-BS		
250	VTR-F	1982-1987	YTZ7S		
250	VTR250		YTZ7S		
250	VTR250 Type LD	1991-1998	YTZ7S		
250	VTR250 Interceptor VTR		YB9-B		
250	XL250	2010-on	6N6-3B		
250	XL250 R	1968-1974	YB3L-A		
250	XL250 RC		YB3L-A		
250	XL250S	1969-1970	6N4-2A-4		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
250	XR250	1974-1978	YTX5L-BS		
250	XR250 L/R	1984-1987	YTX4L-BS		
250	XR250 Tornado	1974-1976	YTX7L-BS		
300	SH300	1976-1977	YTZ12S		
350	CB350 S	1974-1975	YB12A-B		
350	CB350 Super Sport Four	2013-on	YB12A-A	12N12A-4A-1	
350	CB350F/K	2005-on	YB12A-A		
350	CL350 Scrambler	1979	YB12A-A	12N12A-4A-1	
350	SL350 Motosport	2001-on	YB12A-A	12N12A-4A-1	
350	XL350	1978	6N6-3B		
350	XL350R, XR350R		YB3L-A		
360	CB360 G/T/Scrambler 360	1989-1990	YB12A-A	12N12A-4A-1	
360	CJ360T	1975-1977	YB9-B	12N9-4B-1	
360	CL360 Scrambler	1975	YB12A-A	12N12A-4A-1	
400	CB400 Super Bold'or	1980-1981	YTZ10S		
400	CB400 N	1978-1979	YB12A-A		
400	CB400 Super Four	1978-1979	YTZ10S		
400	CB400A	2013-on	YB12A-A		
400	CB400D/SD	1986-1989	YTZ10S		
400	CB400F CB-1		YTX9-BS		
400	CB400F Super Sport	1979-1981	YB12A-A	12N12A-4A-1	
400	CB400F/F II	1981	12N12A-4A-1		
400	CB400SF/SB	1979-1982	YTZ10S		
400	CB400T Hawk	1981-1983	YB12A-A		
400	CB400T Hawk I		YB9-B	12N9-4B-1	
400	CB400T Hawk II	1985	YB12A-A		
400	CBR400R	2001-on	YTZ10S		
400	CBR400RR	2001-on	YTX9-BS		
400	CBX400F/F II	2001-on	YB12A-A		
400	CM400A Hondamatic	1995	YB12A-A		
400	CM400C Custom		YB12A-A		
400	CM400E/T	2008-on	YB12A-A		
400	CX400 C	2008-on	YB14L-A2		
400	NS400 R/Raiden	2001-on	YTX5L-BS	YT5L-BS	
400	NV400 DC Shadow	1983	GYZ16H	YTX14-BS	
400	NV400 DC Shadow Skasher	1990-1991	YTZ10S		
400	NV400 Steed	2010-on	YTZ10S		
400	NV400C	1967-1974	YTX9-BS		
400	RVF400 (NC35)	1985	YTX7A-BS		
400	Shadow Classic 400	1988	YTZ10S		
400	Shadow Custom 400	1986-1987	YTZ10S		
400	Silver Wing 400	1982-1986	YTZ12S		
400	Silver Wing GT400	1982-1986	YTZ12S		
400	VF400 F	1985-1986	YB12A-A		
400	VFR400R III (NC30)	1982	YTX7A-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
400	VT400S	1967-1974	YTZ10S		
400	400X	2010-2014	YTZ10S		
450	CB450, SS	1982-1983	YB12A-A	12N12A-4A-1	
450	CB450K/K7	1982-1983	12N12A-4A-1		
450	CB450N	1986-1988	YB12AL-A2		
450	CB450S	2004-on	YB12A-B		
450	CB450S	2005-2013	YTX14AH-BS	YB14-B2	
450	CB450SC	2013-on	YB12A-A		
450	CB450SC Nighthawk/S	2013-on	YB12A-A		
450	CB450SC Nighthawk T	2013-on	YB12A-A		
450	CB450T Hawk	1971-1976	YB12A-A		
450	CL450 Scrambler		YB12A-A	12N12A-4A-1	
450	CM450A Hondamatic, E	1998-1999	YB12A-A		
450	CM450C Custom, E	1975-1976	YB12A-A		
450	CMX450C/Rebel	2004-on	YB12A-A		
450	CRF450X/XD	1987-1989	YTZ7S		
500	CB500	2013-on	YTZ10S		
500	CB500F		YTZ10S		
500	CB500R	1978-1982	YTZ10S		
500	CB500X	1982-1983	YTZ10S		
500	CB500 Four/Twin	1989-1990	YB12A-A	12N12A-4A-1	
500	CB500K-1/K-3	1981-1982	12N12A-4A-1		
500	CB500S	1981-1982	YTX9-BS		
500	CB500T Twin/Four	1988-1995	12N12A-4A-1		
500	CBF500	1984-1985	YTZ10S		
500	CBR500F	1984-1986	YTX9-BS		
500	CBR500R	1983-1986	YTZ10S		
500	CX500 Custom	1983-1985	YTX14AHL-BS		
500	CX500/C/D/E/T/TC	1983-1984	YTX14AHL-BS	YB14L-A2	
500	FT500 Ascot	1985-1986	YTX14AHL-BS	YB14L-A2	
500	GB500	1987-1988	YB12A-B		
500	GL500 I Intercept	1982-1987	YB14L-A2		
500	GL500/I Silver Wing	1979-1981	YTX14AHL-BS	YB14L-A2	
500	NX500	1983-1984	YTX9-BS		
500	VF500C V30 Magna	1974-1977	YB12A-A		
500	VF500F Interceptor/. FII	1974-1978	YB12A-A		
500	VT500C Shadow	1983-1985	YB12A-A		
500	VT500E	1982-1983	YB12A-A		
500	VT500FT Ascot	2002-2007	YB12A-A		
500	XBR500	2001-2007	YB12A-B		
500	XBR500/S	2002	YTX14AH-BS	YB14-B2	
500	XL500R	2007-on	YB3L-A		
500	XL500S	2004-2006	6N4-2A-4		
550	CB550	2007-on	YB12AL-A2		
550	CB550F	2003-2007	12N12A-4A-1		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
550	CB550Four-/K/K/SS	2003-2007	YB12A-A	12N12A-4A-1	
550	CB550K2/K4	1987-2000	12N12A-4A-1		
550	CB550SC Nighthawk		YB12AL-A2		
550	CBX550F/F II	1995-1999	YB12A-A		
582	FSC600 Silver Wing	2001-2013	YTZ12S		
600	CB600F	1987-2000	YTZ10S		
600	CB600F (599)	2001-on	YTX7L-BS		
600	CB600F/F Hornet/F ABS	2009-on	YTX7L-BS		
600	CB600SF	2001-on	YTZ7S	YTX7L-BS	
600	CBF600	1983	YTZ10S		
600	CBF600N/NA	2002-2013	YTX7L-BS		
600	CBF600S/SA	2001-on	YTX7L-BS		
600	CBR600	2010-on	YTX9-BS		
600	CBR600 F	1998	YTZ10S		
600	CBR600F/F II/F III/SE	1988-1992	YTX9-BS		
600	CBR600F4i/RR	1989-1994	YTZ10S		
600	CBR600RR		YTZ10S		
600	CBR600F/SP	1988-2000	YTZ10S		
600	CBR600F/SP	2009-on	YTX9-BS		
600	CBR600FS/SX	1988-1999	YTZ10S		
600	CBX600E	2004-2007	YB12AL-A2		
600	FSC600	1988-2003	YTZ12S		
600	FJS600 Silver Wing	1988-1997	YTZ12S		
600	FJS600DB/AB	1987	YTZ12S		
600	Hornet 600	1985-1991	YTX7L-BS		
600	NTV600	1983-1987	YTX9-BS		
600	NV600C	1987-1993	YTX9-BS		
600	Shadow 600	1994-2000	YTX9-BS		
600	Silver Wing	1989-1990	YTX14AH-BS	YB14-B2	
600	Silver Wing GT 600	1995-1997	YTZ12S		
600	VT600 C Shadow	1979-1982	YTX9-BS		
600	VT600 C/CD Shadow Deluxe	1980-1981	YTZ10S		
600	VT600C/CD Shadow Deluxe, VLX	1982	YTX9-BS		
600	VT600C	1983-1985	YTX9-BS		
600	XL600 Transport	1979-1982	YB12A-B		
600	XL600LM	1983-1985	YB14-A2		
600	XL600R	2014-on	YB3L-A		
600	XL600V	1979	YTX14AH-BS	YB14-B2	
600	XL600V	2014-on	YB12A-B		
600	XL600V Transalp	1984	YB12A-B		
600	XL600V Transport	1982-1983	YB12A-B		
650	CB650	1983	YB12A-A		
650	CB650 C/SC Custom	1983	YB12A-A		
650	CB650/Custom	2001	YB12A-A		
650	CB650SC Nighthawk	1983	YB12A-A		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
650	CB650SC Nighthawk	1983	YB12AL-A2		
650	CB650F	1983	YTZ10S		
650	CB650Z	1988-1991	YB12A-A		
650	CBR650F		YTZ10S		
650	CBX650E Nighthawk	1988-1997	YB14L-A2		
650	CBX650E Nighthawk	1988-1989	YB12AL-A2		
650	CX650 Euro/Turbo	1988-1997	YB14L-A2		
650	CX650C Custom	1997-1998	YTX14AH-BS	YB14-A2	
650	CX650T Turbo	1999	YTX14AHL-BS	YB14L-A2	
650	Deauville 650	2001-on	YTX9-BS		
650	FX650	1993-2013	YTX9-BS		
650	GL650 I Interstate	1988-1989	YB14L-A2		
650	GL650 Silver Wing	2009-2013	YB14L-A2		
650	GL650I Silver Wing Interstate	1984-1986	YTX14AHL-BS	YB14L-A2	
650	NT650 Hawk GT	2013-on	YTX9-BS		
650	NT650V	2012-on	YTX9-BS		
650	NTV650 Revere	2014-on	YTX9-BS		
650	NX650		YTX9-BS		
650	NX650 Dominator	2012-2013	YTX9-BS		
650	SLR650	2014-on	YTX9-BS		
650	Vigor 650	2010-2013	YTX9-BS		
650	XL650V/Transalp	1987	YTZ12S		
650	XR650L	1984-1986	YTX9-BS		
650	XRV650	1984-1985	YTX14AH-BS	YB14-B2	
680	DN-01	1984-1985	YTZ14S		
700	CB700SC	1986	YB14L-A2		
700	CTX700C/N	1986-1987	YTZ12S		
700	Integra	1986-1987	YTZ12S		
700	NC700	1986-1987	YTZ12S		
700	NC700J	1984-1985	YTZ12S		
700	NC700S/X/XD	2014-on	YTZ12S		
700	NC700SE	2014-on	YTZ14S		
700	NT700V	1993	YTZ14S		
700	VF700C Magna	1980	YTX14AH-BS	YB14-A2	
700	VF700C Magna	1991-on	YB12A-A		
700	VF700F Interceptor	1982-1983	YTX14AH-BS	YB14-A2	
700	VF700S Sabre	1991-2003	YTX14AHL-BS	YB14L-A2	
700	VFR700F	1988	YB12A-B		
700	VFR700 Interceptor	1976-1978	YB12A-B		
700	VFR700F/F II Interceptor	1980-1982	YB12A-B		
700	VT700C Shadow	1993-1995	YTX14AH-BS	YB14-B2	
700	XL700V	1982	YTZ14S		
745	NM4-01	1969-1982	YTZ14S		
745	NM4-02	1979	YTZ14S		
750	Africa Twin	1984-1985	YTX14AH-BS	YB14-B2	



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
750	CB750F II	1991-1992	YB14-A2		
750	CB750KZ	1982-1983	YB14L-A2		
750	CB750 Nighthawk	1984-1986	YB14L-A2		
750	CB750 Nighthawk	1986	YTX14AH-BS	YB14-A2	
750	CB750/C/F/F2		YB14L-A2		
750	CB750A Hondamatic	2014-on	YTX24HL-BS	Y50-N18L-A-CX	
750	CB750C Custom		YTX14AHL-BS	YB14L-A2	
750	CB750F Super Sport	1992	YTX14AHL-BS	YB14L-A2	
750	CB750FA	1997-1998	YB14-A2		
750	CB750K	2001-on	YB14L-A2		
750	CB750K Four		YTX14AHL-BS	YB14L-A2	12N14-3A
750	CB750K Limited Edition	1994-1995	YTX14AHL-BS	YB14L-A2	
750	CB750SC	1995-1997	YB14-A2		
750	CB750SC	2014-on	YB14L-A2		
750	CB750SC Nighthawk	1982-1986	YTX14AHL-BS	YB14L-A2	
750	CBX750F	1987-1992	YB14-A2		
750	CBX750F II	1993-1994	YB14-A2		
750	CR750 45	1988	YTX9-BS		
750	NC750J	1982-1983	YTZ12S		
750	NC750L	1994-2003	YTZ12S		
750	NC750SE/XE	1988-1990	YTZ14S		
750	NR	1983-1984	YTX12-BS		
750	NV750/Shadow	1982-1983	GYZ16H	YTZ14S	YTX14-BS
750	NV750 Shadow Slasher	1987-1989	YTZ14S		
750	RVF (RC45)	1990-1997	GYZ16H	YTX14-BS	
750	RVF750R (RC45)	1986	YTX9-BS		
750	VF750C	2010-2014	YTX12-BS		
750	VF750C Magna		YB14-A2		
750	VF750C Magna	1998-2000	YB12A-A		
750	VF750C Magna	2004-2008	YTX9-BS		
750	VF750C V45 Magna	1998-2002	YB12A-A		
750	VF750C V45 Magna	2002-2003	YTX14AH-BS	YB14-A2	
750	VF750C/C2/D Magna	2001-2007	YTX12-BS		
750	VF750F V45 Interceptor	2010-2013	YTX14AH-BS	YB14-A2	
750	VF750S V45 Sabre	2010-on	YB14L-A2		
750	VFR750F	1983	YTX12-BS		
750	VFR750F	1990-1992	YTX12-BS		
750	VFR750F Interceptor		YB12A-B		
750	VFR750R (RC30)	1989-1998	YTX9-BS		
750	VT750	2001-on	YTZ14S		
750	VT750 C	2002-2012	YTZ14S		
750	VT750C Shadow	2002	GYZ16H	YTX14-BS	
750	VT750C/CA/C2	1998-2001	YTZ12S		
750	VT750CD/CD2 Shadow Deluxe	2001-on	GYZ16H	YTX14-BS	
750	VT750CDA/B/C/D Shadow/A.C.E. Deluxe	2013-2014	GYZ16H	YTX14-BS	



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
750	VT750DC, A, B Shadow Spirit	2014-on	YTZ14S		
750	VT750RS, C2B	1988	YTZ14S		
750	VT750S		YTZ14S		
750	XLV750R	1980-1982	YB14-A2		
750	XRV750 African Twin	1979-1983	YTX14AH-BS	YB14-B2	
750	XRV750 African Twin	2002-on	GYZ16H	YTX14-BS	
800	PC800 Pacific Coast	2000-2002	YTX12-BS		
800	VFR800	1992-1999	YTZ12S		
800	VFR800, A Interceptor, ABS	2000-on	YTZ12S		
800	VFR800F	2001-on	YTZ12S		
800	VFR800F I	2002-2006	YTZ12S	YTX12-BS	
800	VFR800F I Interceptor	2000-2001	YTX12-BS		
800	VFR800P	2002-2003	YTZ14S		
800	VFR800X	1994-1995	YTZ12S		
800	VFR800XF	1983	YTZ12S		
800	VT800C Shadow	1993-1996	YTX14AH-BS	YB14-B2	
900	CB900FZ80	1993-1996	YB14L-A2		
900	CB900C/F	2009-2013	YTX14AHL-BS	YB14L-A2	
900	CB900F Bold 'Or	2009-on	YB14L-A2		
900	CB900F Hornet	1987-1996	YTZ10S		
900	CBR900RR FireBlade	2008-2013	YTZ10S		
900	CBR900R/RR FireBlade	2010-on	YTX9-BS		
900	CBR929R	2004-2007	YTZ10S		
900	CBR954RR	1979	YTZ10S		
919	CB900F (919)	1981	YTZ10S		
929	CBR929RR/RE	1979-1982	YTZ10S		
954	CBR954RR	1982	YTZ10S		
1000	CB1000	1975-1979	YTX12-BS		
1000	CB1000C Custom	2000-2006	YTX14AHL-BS	YB14L-A2	
1000	CB1000F/T	1984-1985	YTX12-BS		
1000	CB1000R	1984-1986	YTZ10S		
1000	CBF1000F	2001-on	YTZ10S		
1000	CBR1000F Hurricane	1997-2000	YTX14AHL-BS	YB14L-B2	
1000	CBR1000RR	2001-2005	YTZ7S		
1000	CBR1000RR (ABS)/RA	1997-2000	YTZ10S		
1000	CBR1000RR Fireblade	2000-on	YTZ10S		
1000	CBR1000RR Fireblade	2004	YTZ7S		
1000	CBX1000	1997-2013	YB18L-A		
1000	CBX1000 (Opt)	2010-2012	YB18L-A		
1000	CBX1000 Super Sport	1981-1983	GYZ20HL	GYZ20L	YTX20HL-BS
1000	CBX1000 Super Sport (Opt)	1983	YTX24HL-BS	Y50-N18L-A-CX	
1000	GL1000, GL1000 LTD/K Gold Wing	2000-2001	YTX24HL-BS	Y50-N18L-A-CX	
1000	RVT1000R RC51	2001-on	YTZ12S		
1000	VF1000F Boldr	1997-2000	YB16B-A		
1000	VF1000F Interceptor	1980-1983	YB16B-A		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
1000	VF1000R/F	1990-on	YB16B-A		
1000	VTR1000F	1983-1986	YTX12-BS		
1000	VTR1000F	1991-2002	YTZ12S		
1000	VTR1000F Super Hawk	1984-1985	YTZ12S		
1000	VTR1000F Super Hawk	1995-2000	YTX12-BS		
1000	VTR1000SP	1985-1996	YTZ12S		
1000	VTR1000SP II	2000-2004	YTX12-BS		
1000	XL1000V Varadero	1985-1997	YTX20CH-BS		
1100	CB1100/C/AC		YTZ14S		
1100	CB1100R/R II/ F Bold 'Or	1998-2000	YB14L-A2		
1100	CB1100F Super Sport		YTX14AHL-BS	YB14L-A2	
1100	CB1100SF	2001-2007	YTX12-BS		
1100	CBR1100 XX	1995-1999	YTZ12S		
1100	CBR1100 XX Blackbird	2000-2007	YTX12-BS		
1100	GL1100 Gold Wing	1984-1987	YTX24HL-BS	Y50-N18L-A-CX	
1100	ST1100/Police/Pan European	2010-2013	GYZ16H	YTX14-BS	
1100	ST1100/ABS-TCS		GYZ16H	YTX14-BS	
1100	VF1100C V65 Magna	2014-on	YTX20-BS		
1100	VF1100S V65 Sabre	2001-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1100	VT1100 C2 Shadow Sabre	2004	GYZ16H	YTX14-BS	
1100	VT1100C Shadow Spirit	2009-2014	YTZ14S		
1100	VT1100C/C3/T Shadow	2003-2013			
1100	VT1100C2 Shadow A. C. E.	2014-on	YTZ14S		
1100	VT1100C2 Shadow Sabre	2003-2012	GYZ16H	YTX14-BS	
1200	CB1300A/SA	1995-1997	YTZ14S		
1200	GL1200 Gold Wing	2005	YTX24HL-BS	Y50-N18L-A-CX	
1200	VFR1200F/FD/X		YTZ14S		
1200	VR1200X		YTZ14S		
1300	CB1300 Super Four	1988-2000	YTZ14S		
1300	CB1300 Super Bol D'or	1991-1996	YTZ14S		
1300	CB1300DC X4 Type LD	1991-2000	GYZ16H	YTX14-BS	
1300	CTX1300	1997-2003	YTZ14S		
1300	Pan-European	2013-on	YTZ14S		
1300	ST1300/A/AP	2001-2008	YTZ14S		
1300	ST1300/A/P/ABS	2014-on	YTZ14S		
1300	STX1300	2009-2013	YTZ14S		
1300	VT1300CS/CR/CT/CXA FURY	2001-2008	YTZ14S		
1300	VT1300	2008-on	YTZ14S		
1300	VTX1300C, S Retro	2014-on	GYZ16H	YTX14-BS	
1300	VTX1300R/S/C	2004-2005	GYZ16H	YTX14-BS	
1300	X4	2002-2007	GYZ16H	YTX14-BS	
1500	GL1500 A Aspencade	1995-1997	Y50-N18L-A3		
1500	GL1500 C (F6C)		GYZ16H	YTX14-BS	
1500	GL1500 Gold Wing	1988-2000	YTX24HL-BS	Y50-N18L-A3	
1500	GL1500 I Gold Wing Inter.	1991-1996	Y50-N18L-A3		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
1500	GL1500 SE Gold Wing SE	1991-2000	Y50-N18L-A3		
1500	GL1500 Valkyrie	1997-2003	GYZ16H	YTX14-BS	
1800	Gold Wing F6B	2013-on	GYZ20HL	GYZ20L	YTX20HL-BS
1800	GL1800BF/C/CF	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1800	GL1800 Wing	2001-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1800	GL1800A Gold Wing	2001-2008	GYZ20HL	GYZ20L	YTX20HL-BS
1800	GL1800, GL1800D	2008-on	GYZ20HL	GYZ20L	YTX20HL-BS
1800	GL1800F	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1800	NRX1800 Valkyrie Rune	2004-2005	GYZ20HL	GYZ20L	YTX20HL-BS
1800	VTX1800C/F/N/R Retro/S	2002-2007	GYZ20HL	GYZ20L	YTX20HL-BS
	Spirit, Aero, A. C. E. Tourer	2009-2013	GYZ16H	YTX14AH-BS	YTX14-BS
	Spirit, Aero, A. C. E. Tourer	2014-on	YTZ14S		
HUSABERG					
50	All Electric Start Models	2001-2002	YTX5L-BS		
50	Electric Start Models	1997-2000	YTX9-BS		
450	FE450e/6, FS450e/6		YTZ7S		
550	FE550e/6		YTZ7S		
650	FE650e/6, FS650e/6		YTZ7S		
HUSQUARNA					
125	125GT/GTL		6N11A-1B		
125	GT125SP		12N5.5-3B		
250	TE-SM	2005	YTZ7S		
350	Scrambler Elettronica		12N5.5-3B		
450	TE-SM	2005	YTZ7S		
510	TE-SM	2005	YTZ7S		
750	Aviamento, GT		53030		
800	S, SS		Y60-N24L-A		
900	GT		Y60-N24L-A		
900	NUDA900/R	2012-on	GYZ16H	YTX14-BS	
1100	Grand Prix		Y60-N24L-A		
HYOSUNG MOTORS					
50	SB Super Cab, SD50 Sense	All	YTX4L-BS		
50	SF50 Prima/Rally/Sense	All	YTX4L-BS		
100	EZ100	All	YTZ7S	YTX5L-BS	
125	XRX125	All	YTX7A-BS		
250	NS3-250	2009-2012	YTX9-BS		
INDIAN					
1442	Scout, Spirit	2002-2003	YTX20-BS		
1638	Chief	2002-2003	YTX24HL-BS		
	All Models	1999-2001	YTX20-BS		
INNOCENTI					
175	Lambro FL1		Y60-N24L-A		
200	Lambro FL1		Y60-N24L-A		
450	Lambro		Y60-N24L-A		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
INNOCENTI CONTINUED					
550	Lambro		Y60-N24L-A		
600	Lambro		Y60-N24L-A		
ITALJET					
50	Adly		YB5L-B		
50	Bazooka, Bazooka 2		YB4L-B		
50	Cruise		YB4L-B		
50	Dragster	1997	YB4L-B		
50	Formula	1995-on	YB4L-B		
50	Pista		YB4L-B		
50	Reporter		YB4L-B		
50	Scoop	1997-on	YB4L-B		
50	Torpedo	1995-on	YB4L-B		
50	Velocifero	1999	YB4L-B		
125	Dragster	1997-on	YB10L-B		
125	Formula		YB9-B		
125	Millenium	1999	YTX7A-BS		
125	Torpedo		YB9-B		
150	Millenium		YTX7A-BS		
150	Torpedo	1999	YB9-B		
180	Dragster	1999	GYZ16H	YTX14-BS	
JAWA					
180	360, 361		B38-6A		
180	623, 633		B38-6A		
JIA LING HONDA					
125	CB125T/ X		12N9-4B-1		
125	CG125		12N9-4B-1		
125	CH125		12N9-4B-1		
125	CM125		12N9-4B-1		
JIALING MOTOR					
90	JH90		YB5L-B		
125	JH125		12N7-4B		
125	JH125D		12N7-3B		
150	JH150T		YTX7A-BS		
JIANGMEN DIHAO					
100	HN100		YB5L-B		
100	110-4/6		YB5L-B		
125	CG125-4/4A/9/9A		YB9L-A2		
125	CG125-7		12N9-4B-1		
125	HN125-3		12N9-4B-1		
125	HN125-3A		YB9L-A2		
125	HN125-4F		YB7-A		
125	HN125T		YTX7A-BS		
125	125T-2C		YTX9-BS		
125	125T-A/B/C/D		YTX7A-BS		
150	CG150-3		YTX7L-BS		

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
JIANGMEN DIHAO CONTINUED					
150	150-6/7/8		12N9-4B-1		
150	150J-5A/8A		12N9-4B-1		
JIAN SHE YAMAHA					
90	JYM90		YT4L-BS		
100	JOG		YTX5L-BS		
100	5WY		YTX5L-BS		
125	JYM125		YB5L-B		
125	3D92		YTX7L-BS		
125	27S		YTX7L-BS		
125	4KL		YTX7A-BS		
	5WG, 4FP		YTX7A-BS		
JINAN SUZUKI					
100	QS100TB		YTX7A-BS		
110	FD110, GM110		YB5L-B		
110	QS110L/LS/F		YB5L-B		
125	GS125		YB7-A		
125	GS125-4K		YTX7A-BS		
125	GSX125		12N7-4A		
125	GZ125		YTX7L-BS		
125	QS125-3B/GC		12N7-4A		
125	QS125T-2		YTX7A-BS		
150	QS150TFB		YTX7A-BS		
JINCHERG GROUP					
110	SJ110		YB5L-B		
125	JC125T-17		YTX12-BS		
125	SJ125		YTX7L-BS		
250	JC250		YTX9-BS		
KASEA					
50	Sense, Prima	All	YTX5L-BS		
125	RX125	All	YTX7A-BS		
KAWASAKI					
50	AR50 C2-C4		YB12A-A		
50	AR50 C5 (EU)		YB12A-A		
50	AR50 C5 (GR, UK)		6N6-3B-1		
90	AN90B	1995	12N5.5A-3B		
90	G3SS Series	1969-1972	6N4-2A-3		
90	G3SS Series	1973-1974	6N4-2A-5		
90	G3TR Series	1969-1970	6N4-2A-3		
90	MC1 Series	1973-1975	6N4-2A-5		
100	G3SS Series	1975	6N4-2A-5		
100	G3TR Series	1971	6N4-2A-3		
100	G4TR Series	1973-1975	6N4-2A-5		
100	G5 Series	1972-1973	6N4-2A-3		
100	G5 Series	1974-1975	6N4-2A-5		
100	KE100, KE100B1-B15 (EU)		6N4-2A-5		

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MOTORCYCLES AND SCOOTERS



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
100	KE100A, KM100A	1976-1978	6N4-2A-5		
100	KH100 G5-G8	1976-1977	6N6-3B-1		
100	KH100-B	1995	6N4-2A-5		
100	KH100H	1976-1978	6N6-3B-1		
100	KM100-A	1976	6N4-2A-5		
100	KV100-A	2005-on	6N4-2A-5		
110	KSR110	1967-1969	YTX4L-BS	YT4L-BS	
120	C2SS RoadRunner	1967-1969	6N4-2A-3		
120	C2TR RoadRunner		6N4-2A-3		
125	AR125 A1A-A8		12N5-3B		
125	AR125 B1-B8		12N5-3B		
125	AR125 S	2001-2007	12N5-3B		
125	BN125	2001-2004	YB9-B		
125	BN125 A1-A2 Eliminator	2009-on	YB9-B		
125	D-Tracker 125	1971-1973	YTX7L-BS		
125	F6 Series	1994	6N4-2A-5		
125	K125K	1994	6N6-3B-1		
125	K125 K7	1994-1995	YB3L-B		
125	KDX125 A1-A4/SR		YB3L-A		
125	KDX125 B1-B4		YB3L-A		
125	KH125 K1-K6		6N6-3B-1		
125	KH125 K7/K10		YB3L-B		
125	KH125 L1	2013-2014	6N6-3B-1		
125	KLX125	1986-2002	YTX7L-BS		
125	KMX125 A1-A8/A11	1991-on	YB4L-B		
125	KMX125 B1-B9	1971-1975	YB4L-B		
175	F7 Series	1992	6N4-2A-5		
175	KDX175 B	1992	6N4B-2A		
200	KDX200 B1-B2	1997	YB3L-A		
200	KMX200 A2-A5	1995	YB4L-B		
200	KZ200 A/C	2002-on	YB10L-B		
250	250TR (BJ250F)	1966-1971	YTX7L-BS		
250	A1 Series	2002-on	YB9-B	12N9-4B-1	
250	D-Tracker (LX250E)		YTX7L-BS		
250	EL250 A/B/C Eliminator		YTX7L-BS		
250	EL250 D/E/F	1988-1993	YB9L-A2		
250	EL250/HS	1996-2002	YB9L-A2		
250	EL252	1995	YB9L-A2		
250	ER250 A	1983-1984	YB9L-B		
250	ER250 B2-B3	1992-on	YB9L-B		
250	Estrella-BJ250 A2/A3/C2/C3	1986-1994	YTX9-BS		
250	EX250 Ninja	1995-2007	YB9L-A2		
250	EX250 Ninja	2009-2013	YTX7L-BS		
250	EX250 Ninja 250R	1973-1975	YTX7A-BS		
250	EX250 Ninja 250R	1987-on	YTX9-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
250	F11 Series	1988-on	6N4B-2A-3		
250	GPX250R EX250 F2-F8	1983-on	YB9L-A2		
250	GPX250R-II (EX250G1)	1995-on	YB9L-A2		
250	GPZ250 EX250H1-H4	1995-on	YB9L-A2		
250	GPZ250R EX250 F9-F13	1976-1977	YTX7L-BS		
250	GPZ250R EX250 H5-H9		YTX7L-BS		
250	KH250 B	2000-2004	12N5.5-3B		
250	KL250 D2-D16	1985-2005	YB4L-B		
250	KL250 Super Sherpa	2000-2004	YTX7L-BS		
250	KL250 D KLR	1997	YB4L-A		
250	KL250G/H Super Sherpa	1985-2004	YTX7L-BS		
250	KLE250 Anheho (LE250A)	1982-1983	YTX7L-BS		
250	KLR250 D KL250 D	1994-1995	YB4L-A		
250	KLX250 B	2006-2013	6N4B-2A		
250	KLX250ES G1/G2	1992	YTX7L-BS		
250	KLX250S/SF	1979-1982	YTX7L-BS		
250	KR250 B/C/KR/1S	1980-1983	YB4L-B		
250	KZ250 A	1983-1995	YB10L-A2		
250	KZ250 CSR/LTD	1980-1982	YB10L-A2		
250	KZ250 W LTD	1980	YB10L-A2		
250	KZ250C	1981-1982	YB10L-A2		
250	KZ250D LTD	1982	YB10L-A2		
250	KZ250G LTD	1980-1981	YB10L-A2		
250	KZ250L CSR	1995	YB10L-A2		
250	LTD250	2013-on	YB10L-A2		
250	LX250 G/F	1992	YB10L-A2		
250	Ninja 250	1981	YTX9-BS		
250	Z250 A/C/J/LTD	2013-on	YB10L-A2		
250	Z250 GP C1	1991-on	YB9L-A2		
250	Z250	1990-on	YTX9-BS		
250	ZR250A/B Balius	1990-1993	YTX7L-BS		
250	ZXR250/R (ZX250A/C)	1999-2002	YB9L-A2		
250	ZZR (EX250H)	1983	YTX7L-BS		
305	EX305 A1/B GP	1981-1988	YB9L-A2		
305	GPZ305	1982	YB9L-A2		
305	KZ305 A CSR/LTD	1987-1988	YB10L-A2		
305	KZ305B CSR	1987	YB10L-A2		
305	KZ305B LTD	1988	YB10L-A2		
305	LTD305	1966-1971	YB10L-A2		
305	Z305 (CSR305)	1973-1975	YB10L-A2		
350	A7 Series	1995	YB9-B	12N9-4B-1	
350	F9 Series	2010-on	6N4B-2A-3		
400	EN400/Twin	1994	YB12A-A		
400	EN400B Vulcan		YB12A-A		
400	ER-4n/ABS		YTX7L-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
400	EX4 (EX400 A2/A3, B)		YB14L-A2		
400	FX400R (ZX400A)	1983-on	YB12A-A		
400	FX400R (ZX400C2-C4, D)	1985-1987	YB12A-AK		
400	GPX400R (ZX400F)		YB12A-AK		
400	GPZ400F-II (KZ400M)	1992	YB12A-AK		
400	GPZ400R (ZX400D)	1991-on	YB12A-AK		
400	GPZ400S (EX400A)	2003-2004	YB14L-A2	YB12A-AK	
400	KH400	1979	12N5.5-3B		
400	KLE400 (LE400A)	1977-1979	YTX12-BS		
400	KLX400R/SR	1977-1978	YT7B-BS		
400	KX400H	1974-1979	YB12A-A		
400	KZ400 Deluxe	1980-1982	YB12A-A	12N12A-4A-1	
400	KZ400A Deluxe	2010-on	12N12A-4A-1		
400	KZ400D/H	1995-on	YB12A-A	12N12A-4A-1	
400	KZ400J	1978-on	YB12A-A		
400	Ninja 400R/ABS	1984	YTX12-BS		
400	VN400A/C Vulcan	1991-on	YTX12-BS		
400	Z400 Custom (KZ400B)	1977-1979	YB12A-A		
400	Z400 F ZR400B		YB12A-AK		
400	Z400F-II (ZX400C)		YB12A-AK		
400	Z400FX (KZ400E)	1986-on	YB12A-AK		
400	Z400GP (ZX400A)		YB12A-AK		
400	Z400LTD, Z400LTD-II, (KZ400H/K)	1993	YB12A-A	12N12A-4A-1	
400	ZL400, A1 Eliminator	1993-on	YB12A-AK		
400	ZR400 B1	1992-on	YB12A-AK		
400	ZR400C/G Zephyr	1995-on	YB12A-AK		
400	ZR400C/G Zephyr		YTX12-BS		
400	ZR400D Xanthus	1992	YTX9-BS		
400	ZRX/-II (ZR400E/F/D)	1991	YTX9-BS		
400	ZX-4 (ZX400G)	1992-2002	YB12A-AK		
400	ZX400H	1992	YB12A-A		
400	ZXR400/R (ZX400L/H)	1993-on	YB12A-AK		
400	ZXR400/R (ZX400M/L)	1980-1984	YTX9-BS		
400	ZZ-R400 (ZX400K)	1980-on	YB12A-AK		
400	ZZ-R400 (ZX400N)	1985-1990	YTX12-BS		
440	KZ440 (All)	2008-2010	YB12A-A		
440	LTD440	1990-1995	YB12A-A		
450	EN450-A 454 LTD	1990-1996	YB12A-A		
450	KLX450R	1996-2008	YTZ7S		
450	Z450 LTD	1994-2004	YB12A-A		
500	EN500 LTD	1997-on	YB12A-A		
500	EN500-A Vulcan	1997-2001	YB12A-A		
500	EN500-C Vulcan LTD	1997-2001	YB12AL-A2		
500	EN500D Ninja 500R	1987-1998	YB14L-A2		
500	ER5 (ER500A, B)	1987-1993	YTX12-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
500	ER525KW	1994-2008	YTX12-BS		
500	ER537KW	1987-2002	YTX12-BS		
500	EX500	1969-1972	YB14L-A2		
500	EX500-A	1973-1975	YTX14AHL-BS	YB14L-A2	
500	EX500-D Ninja 500R	1976	YTX14AHL-BS	YB14L-A2	
500	GPZ500S (EN500D, E, F)	1991-2002	YB14L-A2		
500	H1 Series	1979-1980	YB9-B	12N9-4B-1	
500	H1 Series	1982-1987	YB9L-B	12N9-3B	
500	KH500-A		YB9L-B	12N9-3B	
500	KLE500 (LE500)	1989-1993	YTX12-BS		
500	KZ500B	1980-1983	YB12A-A		
550	GPZ550	1979-1989	YB12A-A		
550	GPZ550E/L	1984	YB12A-AK		
550	GT550	1983	YB12A-A		
550	KZ550, KZ550LTD/GP	1982-1983	YB12A-A		
550	KZ550B/G/LTD/GP	1980	YB12A-A		
550	KZ550-F LTD	1981	YB12A-A		
550	KZ550-F Spectre	1982	YB12A-A		
550	KZ550-H GP	1983	YB12A-A		
550	LTD550 C1	1991	YB12A-A		
550	LTD550 C2		YB12A-A		
550	LTD550 C3	1983	YB12A-A		
550	LTD550 C4	1994-1997	YB12A-A		
550	VLE500A	1990-1993	YTX12-BS		
550	ZF550	1984-1989	YB12A-AK		
550	ZR550A	1998	YB12A-A		
550	ZR550B Zephyr	1988-1994	YTX12-BS		
550	ZR550B Zephyr		YB12A-A		
550	ZX550A GPZ	1987-1988	YB12A-AK		
550	ZZ-R500 Ninja (ZX500D)	1989-1990	YTX12-BS		
600	GPX600C Warbird	1990-1991	YB12A-A		
600	GPZ600E/L	1985-1986	YB12A-AK		
600	GPZ600R (ZX600A)	1985-1988	YB12A-A		
600	KL600A KLR (Kick-Starter)	1986-1987	YB4L-B		
600	KL600A KLR (Kick-Starter)	1995-1996	YB4L-A		
600	KL600-B KLR	1985-1996	YTX14AHL-BS	YB14L-A2	
600	KL600R, KLR600 (KL600B)	1990-1992	YB14L-A2		
600	ZL600A Eliminator	1993-2002	YB12A-A		
600	ZL600B Eliminator	1993-2002	YB12A-AK		
600	ZX600 G/H/R	1995-1998	YTX12-BS		
600	ZX600-A/B/C/D Ninja	2008-2012	YB12A-A		
600	ZX600D ZZR	1998-2008	YB12A-A		
600	ZX600E ZZR Ninja	2003-2006	YTX12-BS		
600	ZX600-E/F Ninja ZX-6/6R	2003-on	YTX12-BS		
600	ZX600F ZX-6R Ninja	2005-2008	YTX12-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
600	ZX600-FA Ninja ZX-6R	2002-2004	YTX9-BS		
600	ZX600-G/J Ninja ZX-6R	1998-2002	YTX9-BS		
600	ZX600-K/M/N Ninja ZX-6RR	2003-2013	YTX9-BS		
600	ZX-6R Ninja [ZX636A]	1999-2000	YTX9-BS		
600	ZZR600	2006	YTX9-BS		
600	ZZR600	2009-2012	YTX12-BS		
636	ZX636-B/C Ninja ZX-6R/ABS	2006	YTX9-BS		
650	EJ650	1992	GYZ16H	YTX14-BS	
650	ER6F	1987-2013	YTX12-BS		
650	ER6N	1987-2013	YTX12-BS		
650	EX650-A/B	1987-1991	YTX12-BS		
650	ER650-A/B	2008-2013	YTX12-BS		
650	GPZ650R	1995-2002	YB12A-A		
650	KL650-A/E/KLR	1993-1996	YTX14AHL-BS	YB14L-A2	
650	KL650 B Tengai	1993-1995	YTX14AHL-BS	YB14L-A2	
650	KLE650/A/B (Versys)	1977-1980	YTX12-BS		
650	KLR650 (KL650A)	1977-1978	YB14L-A2		
650	KLR650C	1978-1983	YB14L-A2		
650	KLX650C/R	1981-1983	YTX9-BS		
650	KLX650 (LX650C)	2006-2013	YTX9-BS		
650	KZ650 SR/LTD/Custom		YB10L-A2		
650	KZ650B	1966-1970	YB10L-A2		
650	KZ650C/D SR	2000-2002	YB10L-A2		
650	KZ650E LTD/F	2000-2002	YB10L-A2		
650	KZ650-H CSR	1977-1979	YB12A-A		
650	Ninja 650R/ABS		YT12A-BS		
650	Tengai	1984	YB14L-A2		
650	W Series	1985	YB7L-B	12N7-3B	
650	W650	1995	GYZ16H	YTX14-BS	
650	Z650 SR	1984-1985	YB10L-A2		
650	Z650B1/B2/ZBSR	1987	YB10L-A2		
700	KZ700A	1992	YB12A-A		
700	VN700A Vulcan	1985	YTX14AHL-BS	YB14L-A2	
700	ZN700 LTD (ZN700A)	1976-1980	YB14L-A2		
700	ZN700-A LTD	1995	YTX14AHL-BS	YB14L-A2	
750	GPX750R (ZX750F)	1980-1983	YB14L-A2		
750	GPZ750A/E/G	1983	YB14L-A2		
750	GPZ750R	1980-1983	YB12A-A		
750	GPZ750R Ninja (ZX750G)	1983	YB14L-A2		
750	KZ750B/G LTD	1993	YB14L-A2		
750	KZ750D	1982	YB14L-A2		
750	KZ750E/H/L LTD	1983-1984	YB12A-A		
750	KZ750F LTD/Spectre	1982-1983	YTX14AHL-BS	YB14L-A2	
750	KZ750H LTD/L LTD/GP	1986-2006	YB12A-A		
750	KZ750K LTD KI	2009-2012	YB14L-A2		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
750	KZ750L Ninja K	1984-1985	YTX9-BS		
750	KZ750R GP	2000-on	YB12A-A		
750	KZ750R L III-L IV	2005-2006	YB12A-A		
750	KZ750Y LTD Y I-Y II	1991-1994	YB14L-A2		
750	VN750A Vulcan	1999-2002	YTX14AHL-BS	YB14L-A2	
750	Z750 (EU)	1991-1997	YTX9-BS		
750	ZN750A LTD	1987-1990	YTX14AHL-BS	YB14L-A2	
750	ZR7/S (ZR750)	1989	YTX12-BS		
750	ZR750 (Z750S)	1990	YTX9-BS		
750	ZR750C Zephyr	1989-1992	YTX12-BS		
750	ZR750C/D Zephyr F	1991-1995	YTX12-BS		
750	ZX750 Ninja ZX/7RR	1991	YTX9-BS		
750	ZX750-F Ninja	1996-2003	YTX14AHL-BS	YB14L-A2	
750	ZX750-H Ninja ZX-7	1996-2003	YTX14AHL-BS	YB14L-A2	
750	ZX750-H Ninja ZX-7	1996-1997	YB12AL-A2		
750	ZX750H ZXR HI Stinger	1990	YB14L-A2		
750	ZX750-J Ninja ZX-7	1991-1993	YTX12-BS		
750	ZX750-JI	1991-on	YB12AL-A2		
750	ZX750-P Ninja ZX-7R	1991-on	YTX12-BS		
750	ZX7R/P Ninja	1995-1999	YTX12-BS		
750	ZX7RR Ninja	1996-2002	YTX9-BS		
750	ZXR750 (ZX750H)	1999-2002	YB12AL-A2		
750	ZXR750 (ZX750L)	1995-2003	YTX12-BS		
750	ZXR750/R (ZX750J)	2004-2006	YTX9-BS		
750	ZXR750R (ZX750K/M)	2011-on	YTX12-BS		
800	VN800 A	2013-on	GYZ16H	YTX14-BS	
800	VN800 Classic B		GYZ16H	YTX14-BS	
800	VN800 D	1984-1993	GYZ16H	YTX14-BS	
800	VN800A/B/C/E Vulcan/Classic/Drifter	1976-1977	GYZ16H	YTX14-BS	
800	VN800A/B/E Vulcan/Classic/Drifter	2006-2013	YTX12-BS		
800	W800/Special Edition	1973-1975	YTX12-BS		
800	Z800	1985-1986	YTX9-BS		
900	A4 900	2000-2003	YB10L-A2		
900	GPZ900R (ZX900A)	1994-1997	YB14L-A2		
900	KZ900/A/B/LTD	1998-1999	YB10L-A2		
900	VN900/B/C/D	1994-1997	YTX12-BS		
900	Vulcan 900 Classic	1998-2002	YTX12-BS		
900	Z1 Series	2000-2003	YTX14AHL-BS	YB14L-A2	12N14-3A
900	ZL900-A Eliminator	2014-on	YTX14AHL-BS	YB14L-A2	
900	ZX900-E/F Ninja (ZX-9R)	1986-1987	YTX9-BS		
900	ZX900-B Ninja (ZX-9R)	1986-2002	YTX12-BS		
900	ZX900-C Ninja (ZX-9R)	1981	YTX9-BS		
900	ZX-9R (ZX900B) Ninja	1981-1983	YTX12-BS		
900	ZX-9R (ZX900C/D) Ninja	1977-1980	YTX9-BS		
900	ZX-9R (ZX900E/F) Ninja	1981-1983	YTX9-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
1000	GPZ1000RX A	1977-1978	YB14L-A2		
1000	GTR1000 (ZGT00A)	1980-1981	YB18L-A		
1000	H2R	1977-1978	YTZ10S		
1000	KZ1000 LTD K	1978-1979	YB18L-A		
1000	KZ1000 R SS	1979-1980	YB18L-A		
1000	KZ1000, KZ1000 LTD	1980	YTX14AHL-BS	YB14L-A2	
1000	KZ1000, KZ1000 LTD/CSR	1981-1983	GYZ20HL	GYZ20L	YTX20HL-BS
1000	KZ1000A	2002-2005	YB14L-A2		
1000	KZ1000B LTD	1982-2001	YB14L-A2		
1000	KZ1000C Police	1982-1983	GYZ20HL	GYZ20L	YTX20HL-BS
1000	KZ1000C Police/Z1-R	2003-2013	YTX14AHL-BS		YB14L-A2
1000	KZ1000E ST, Shaft	1979-1980	GYZ20HL	GYZ20L	YTX20HL-BS
1000	KZ1000G Classic	1992	YTX14AHL-BS	YB14L-A2	
1000	KZ1000J/M CSR	1992	YB18L-A		
1000	KZ1000P Police	1992	GYZ20HL	GYZ20L	YTX20HL-BS
1000	KZ1000R Replica	1978/80	GYZ20HL	GYZ20L	YTX20HL-BS
1000	Z1000	1986-2006	YTX9-BS		
1000	Z1000 MK2	1995	YB14L-A2		
1000	Z1000A/B/C/D/G	1987-1992	YB14L-A2		
1000	Z1000GTR	1988-1990	YB18L-A		
1000	Z1000J/K/LTD/R	2004	YB18L-A		
1000	Z1000ST	2011-2013	YB16L-B		
1000	Z1R (KZ1000D)	2011-2013	YB14L-A2		
1000	ZG1000A Concours	1996-1997	GYZ20HL	GYZ20L	YTX20HL-BS
1000	ZGT1000A	1988-1989	YB18L-A		
1000	ZL1000A Eliminator	2004-2009	YTX14AHL-BS	YB14L-A2	
1000	ZX10B Tomcat	1988-1989	YB14L-A2		
1000	ZX10R	1986-1990	YTZ7S		
1000	ZX10R	2004-2009	YT12B-BS		
1000	ZX10R ABS	1995-1997	YTZ10S		
1000	ZX1000A Concous	1983-1985	YB18L-A		
1000	ZX1000-A Ninja 1000R, GPZ1000RX	1981-1983	YTX14AHL-BS	YB14L-A2	
1000	ZX1000-B Ninja ZX10	1982-1983	YTX14AHL-BS	YB14L-A2	
1000	ZX1000-C Ninja ZX-10R	1982-1983	YT12B-BS		
1000	ZX1000-C Ninja (ZX-10R)	1992	YT12B-BS		
1000	ZX10R	1981-1983	YTX14AHL-BS	YB14L-A2	
1100	GPZ1100 (ZXT10 E/F)	1997-1998	GYZ16H	YTX14-BS	
1100	GPZ1100A Unitrak	1994	YB16L-B		
1100	KZ1100A/LTD	1984-1985	GYZ20HL	GYZ20L	YTX20HL-BS
1100	KZ1100B GP	1992-1995	YB16L-B		
1100	KZ1100D Spectre	1992-1997	YB18L-A		
1100	KZ1100L LTD	1999-2000	YB18L-A		
1100	Z1100B	1997-2000	YB16L-B		
1100	Z1100ST	1990-1993	YB18L-A		
1100	Zephyr1100 (ZRT10A)	1994-1998	YTX16-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
1100	ZG1100-A7/8	1999	YB18L-A		
1100	ZN1100-B LTD	1997-2000	YTX14AHL-BS	YB14L-A2	
1100	ZR1100	1983-1984	YTX20CH-BS	YTX16-BS	
1100	ZR1100A/B	1990-1993	YTX16-BS		
1100	ZRX1100	1993-2001	GYZ16H	YTX14-BS	
1100	ZRX1100/II (ZRT10C/D)	1993-1994	GYZ16H	YTX14-BS	
1100	ZX11 (ZX1100C) Ninja	1995-1997	YB14L-A2		
1100	ZX11 (ZX1100D1) Ninja	1997	GYZ16H	YTX14-BS	
1100	ZX1100C/G	1990-1992	GYZ16H	YTX14-BS	
1100	ZX1100D1	1993-2001	GYZ16H	YTX14-BS	
1100	ZX1100A GPz	2009-2012	YB16L-B		
1100	ZX1100C Ninja ZX11	2001-2005	YTX14AHL-BS	YB14L-A2	
1100	ZX1100D Ninja ZX11	2001-on	GYZ16H	YTX14-BS	
1100	ZX1100D Ninja ZX11 (CN)	2000-on	GYZ16H	YTX14-BS	
1100	ZX1100E (GPz1100)/ABS	2000-2005	GYZ16H	YTX14-BS	
1100	ZXR1100 C	2002-2005	GYZ16H	YTX14-BS	
1100	ZZR1100EU (ZXT10C)	1979-1982	YB14L-A2		
1100	ZZR1100EU (ZXT10D)	1983-1992	GYZ16H	YTX14-BS	
1200	ZRX1200 DAEG	2008-2013	YTX12-BS		
1200	ZRX1200R	2006-2013	GYZ16H	YTX14-BS	
1200	ZRX1200R/S (ZRT20A/B)	2000-2002	GYZ16H	YTX14-BS	
1200	ZX1200A1	1999-2004	GYZ16H	YTX14-BS	
1200	ZX12R	2000	GYZ16H	YTX14-BS	
1200	ZZR1200 (ZXT20C)	1987-1998	GYZ16H	YTX14-BS	
1300	KZ1300 Touring	1996-1997	Y50-N18L-A-CX		
1300	ZN1300A Europe	1996-2008	Y60-N24L-A		
1400	Ninja ZX14R/ABS	2002-2003	GYZ16H	YTX14-BS	
1400	ZG1400 Concours/ABS	1999-2005	GYZ16H	YTX14-BS	
1500	VN1500F/H	2003-2008	YTX16-BS		
1500	VN1500G1 Vulcan Nomad, Drifter	2004-2008	YTX16-BS		
1500	VN1500J1/J2	2009-2013	YTX16-BS		
1500	VN1500L/H/N	2004-2012	YTX16-BS		
1500	VN1500 Vulcan 88/SE	1987-1998	Y50-N18L-A-CX		
1500	VN1500C Vulcan L	1996-1997	Y50-N18L-A-CX		
1500	VN1500D/E/N Vulcan Classic	1996-2008	YTX20CH-BS	YTX16-BS	
1500	VN1500G/J/ L/R/Vulcan Nomad, Drifter	1999-2005	YTX20CH-BS	YTX16-BS	
1500	VN1500P Vulcan Mean Streak	2002-2003	YTX20CH-BS	YTX16-BS	
1600	VN1600A Vulcan Classic/D/Nomad	2003-2008	YTX20CH-BS	YTX16-BS	
1600	VN1600B Vulcan Mean Streak	2004-2008	YTX20CH-BS	YTX16-BS	
1700	VN1700 Voyager	2009-2013	YTX20CH-BS	YTX16-BS	
2000	VN2000A Vulcan	2004-2012	YTX20CH-BS	YTX16-BS	
KL-SHELUNG					
50	Club, Racer		YTX4L-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KREIDLER					
80	Florett		YB7L-B		
125	Mustang		YB7L-B		
KTM					
50	Go, Go Chrono	1995-on	YTX4L-BS	YT4L-BS	
50	Kross		YB4L-B		
80	Chopper, PL,		12N9-4B-1		
80	RLW, RSL		12N9-4B-1		
125	125LC2	1996-1997	YTX4L-BS	YT4L-BS	
125	Duke		YTX7L-BS		
125	Sting	1997-1998	YTX4L-BS	YT4L-BS	
125	RC	2014-on	YTX9-BS		
200	EXC		YTX4L-BS		
200	Duke		YTX9-BS		
250	CB250F	2014-on	YTX7L-BS		
250	EXC	2003-on	YTX4L-BS		
250	EXC Six Days		YTX4L-BS		
250	EXC-F	2014-on	YTX5L-BS		
250	EXC-F (Rest)/Six Days		YTX4L-BS		
250	Freeride		YTX4L-BS		
250	SX-F	2005-on	YTX4L-BS		
250	XC/-F		YTX4L-BS		
300	EXC/Six Days, XC		YTX4L-BS		
350	Freeride		YTX5L-BS		
350	EXC-F/Six Days		YTX4L-BS		
350	SX-F	2013-on	YTX4L-BS		
350	XC-F		YTX5L-BS		
390	Duke	2014-on	YTX9-BS		
390	RC	2000-2002	YTX9-BS		
400	E/XC Racing 4-Stroke	2000-2002	YTX4L-BS		
400	E/XC Racing 4-Stroke (Opt)		YTX5L-BS		
400	EXC	2003-on	YTX5L-BS		
400	EXC Racing	1998	YTX4L-BS		
400	LC4	1996-1998	YTX9-BS		
400	LC4 E/XC	1997	YTX9-BS		
400	LS-E	1996-2001	YTX9-BS		
400	RXC LC4		YTX9-BS		
400	XC-W		YTX5L-BS		
450	EXC		YTX5L-BS		
450	EXC Six Days	2003-on	YTX5L-BS		
450	EXC Racing	2000-2002	YTX4L-BS		
450	MXC Racing		YTX5L-BS		
450	SMR		YTX4L-BS		
450	SX-F		YTX4L-BS		
450	XC-F/W		YTX5L-BS		
500	EXC/Six Days		YTX5L-BS		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KTM CONTINUED					
500	500K4, LC	2000-2002	YB9-B		
520	E/XC, M/XC Racing 4-Stroke	2000-2002	YTX4L-BS		
520	E/XC, M/XC Racing 4-Stroke (Opt)	2000-on	YTX5L-BS		
520	E/XC520 Racing 4S	2003-on	YTX4L-BS	YT4L-BS	
525	EXC Racing	2003-on	YTX4L-BS		
525	MX Desert Racing	2000-on	YTX4L-BS		
525	MXC Racing		YTX5L-BS		
530	EXC		YTX5L-BS		
530	XC-W	1996-1998	YTX5L-BS		
550	LC	2003-on	12N9-4B-1		
620	Adventure, Duke, LC4	2000-on	YTX9-BS		
625	Adventure	2003-on	YTZ10S		
625	Adventure R	1998	YTX9-BS		
625	All SM	2005-on	YTZ10S		
625	Supercomp	1999-2002	YTX9-BS		
625	SXC	1999	YTZ10S		
640	Adventurer, Duke, RXC LC4 Super Moto	2003-on	YTX9-BS		
640	Duke II	1996-1997	YTX9-BS		
640	Duke II Schwarz, LC4, Adventure	1999	YTZ10S		
640	Duke/E	2003-on	YTX9-BS		
640	LC4		YTZ10S	YTX9-BS	
690	Duke		YTZ10S		
690	Euduro/R, Supermoto		YTZ10S		
690	SMC	2003-on	YTZ10S		
690	SMC R		YTZ10S		
950	Adventure	2003-on	YTZ14S		
950	Superenduro	2003-on	YTZ14S		
950	Supermoto		YTZ14S		
990	Adventure/R/S	2003-on	YTZ14S		
990	SM R/T		YTZ14S		
990	Super Duke/R	2014-on	YTZ14S		
990	Supermoto	2013-on	YTZ14S		
1050	Adventure	2008	YTZ14S		
1190	Adventure/R	2014-on	YTZ14S		
1190	RC8/Track	2014-on	YTZ14S		
1290	Super Duke	2005-on	GYZ16H	YTX14-BS	
1290	Super Adventure	2014-on	YTZ14S		
	EXC-F	2005-on	YTX5L-BS		
KYMCO					
50	Agility 50	2009-2012	YTX7A-BS		
50	Calypso50, Cobra, Cross	1999	YTX5L-BS		
50	CX, CX Super	2000-on	YTX4L-BS		
50	CX50/-Curio/-Super	1995-1997	YTX4L-BS		
50	Dink50/LC	1999	YTX5L-BS		
50	Dj50, Djw50, Djx50		YTX4L-BS	YT4L-BS	



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KYMCO CONTINUED					
50	Dink		YTX5L-BS		
50	Dink II	1999	YTX5L-BS		
50	Djy 50	2000	YTX4L-BS		
50	Fever ZX	1999	YTX5L-BS		
50	Filly 50	1995-1997	YTX5L-BS		
50	Heroism		YTX4L-BS		
50	JR	1996-1997	YTX5L-BS		
50	K12	1997	YTX4L-BS		
50	KB	2000-on	YTX4L-BS		
50	Kiwi 50	2011-on	YTX5L-BS		
50	Many 50 Fi		YTX7A-BS		
50	People	2009-2012	YTZ7S	YTX5L-BS	
50	People S [2T]		YTX4L-BS		
50	People S [4T]	1999	YTX7A-BS		
50	Racer, Looping, People	1997	YTX5L-BS		
50	Scout	2000-on	YTX4L-BS	YT4L-BS	
50	Sniper, Sniper DD	1999	YTX4L-BS		
50	Spacer	1999	YTX5L-BS		
50	Super 8/9	2009-2012	YTX5L-BS		
50	Super 8 (Rest)		YTX7A-BS		
50	Super 9 [2T]		YTX4L-BS		
50	Super 9 [4T]	1997	YTX5L-BS		
50	Top Boy, Vitality, Cherry 50		YTX5L-BS		
50	Vitality [2T], Grand Dink		YTX4L-BS		
50	Vitality [4T]	1995-1997	YTX5L-BS		
50	VJR 50 Fi	2011-on	YTX7A-BS		
50	ZX Fever		YTX4L-BS	YT4L-BS	
80	Filly 80	1999	YTX5L-BS		
100	AS100, KB, So Easy		YTX5L-BS		
100	Caro 100, Sonner 100	1997	YTX7A-BS		
100	Cherry 100	2011-on	YTX5L-BS		
100	Cherry 100 Fi		YTX7A-BS		
100	Easy 100		YTX5L-BS		
100	Easy 100 Fi	2012	YTX7A-BS		
100	JR 100		YTX7A-BS		
100	JR 100 Fi	2011-on	YTX7A-BS		
100	Kiwi 100	2011-on	YTX7A-BS		
100	Many 100 Fi		YTX7A-BS		
100	So Easy 100 Fi	1999	YTX7A-BS		
100	Top Boy, So Easy Fi, VJR 100 Fi		YTX7A-BS		
100	X Mode	2011-on	YTX7A-BS		
110	Many		YTX7A-BS		
110	VJR		YTX7A-BS		
125	Agility 125	1999	YTZ7S	YTX5L-BS	
125	B&W125	1997	YTX9-BS		



K

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KYMCO CONTINUED					
125	Calypso 125	1996	YTX9-BS		
125	Dink II		YTX9-BS		
125	Dink/LX	1995-1996	YTX9-BS		
125	Downtown		YT12A-BS		
125	Fox Hunt	1999	YTX7A-BS		
125	G5 125	2013-2014	YTX9-BS		
125	G5 125 Fi		YTX9-BS		
125	G6	2011-on	YTX9-BS		
125	GP 125		YTX7A-BS		
125	GP 125 Fi		YTZ10S		
125	Grand Dink		YTX9-BS		
125	Heroism	2013-2014	YTX9-BS		
125	Herself		YTX7A-BS		
125	Jockey 125	1999	YTX7A-BS		
125	Jockey 125	2011-on	YTX7A-BS		
125	Jockey 125 Fi		YTX9-BS		
125	K-XCT	2000	YTX9-BS		
125	Movie 125		YTX9-BS		
125	People 125		YTX7A-BS		
125	People GT		YT12A-BS		
125	People S	1999	YTX7A-BS		
125	Quannon		YT7B-BS		
125	Racing 125		YTX9-BS		
125	Spacer	1999	YTX9-BS		
125	V1 125 Fi	2011-on	YTX7A-BS		
125	Vivio		YTX9-BS		
125	VP 125		YTX7A-BS		
125	VP 125 Fi		YTZ10S		
125	Zing		YTX7A-BS		
150	B&W150		YTX9-BS		
150	Dink/LX	1996	YTX9-BS		
150	EG0 150, KTR 150		YT9B-BS		
150	Fox Hunt	2009-2012	YTX7A-BS		
150	G5 150	2011-on	YTX9-BS		
150	G5 150 Fi, G6, V1 150 Fi		YTX9-BS		
150	Grand Dink, Movie		YTX9-BS		
150	Heroism	1999	YTX9-BS		
150	Hipster 150, Super 8 150		YTX7A-BS		
150	People	1999	YTX7A-BS		
150	Quannon 150	2009-2012	YT7B-BS		
150	Racing 150		YTX9-BS		
150	Racing 150 Fi		YTX12-BS		
150	Spacer		YTX9-BS		
150	Vivio		YTX9-BS		
150	Zing		YTX7A-BS		



K-L

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KYMCO CONTINUED					
180	Dink 180i	2012-on	YTX12-BS		
180	Dink 180 Fi		YTX12-BS		
180	Racing	2014-on	YTX9-BS		
180	Racing 180 Fi/Racing King		YT12A-BS		
200	Dink/II		YT12A-BS		
200	Downtown		YT12A-BS		
200	Grand Dink	2014-on	YT12A-BS		
200	K-XCT		YT12A-BS		
200	People S		YTZ10S		
200	People GT		YT12A-BS		
250	B&W250		YTX12-BS		
250	Dink 250	2000	YTX12-BS		
250	EGO 250		YTX12-BS		
250	Grand Dink		YTX12-BS		
250	Grand Dink 250i	2013-2014	YT12A-BS		
250	People 250		YTX12-BS		
250	People S		YTX12-BS		
250	Super-9		YTX12-BS		
250	Venox	2011-on	YTX9-BS		
250	Venox 250 Fi		YTX9-BS		
250	Venox 250i		YTX9-BS		
250	Xciting	2012	YTX12-BS		
250	Xciting 250 Fi		YTX12-BS		
250	Xciting 250i		YTX12-BS		
250	YUP 250		YTX12-BS		
300	Downtown		YTX12-BS	YT12A-BS	
300	Grand Dink		YT12A-BS		
300	K-XCT		YT12A-BS		
300	Nikita 300 Fi		YT12A-BS		
300	People GT		YT12A-BS		
300	Xciting	2009-2012	YTX12-BS		
400	Xciting		GYZ16H	YTX14-BS	
500	Xciting		GYZ16H	YTX14-BS	
500	Xciting 500i	2009-2012	GYZ16H	YTX14-BS	
500	Xciting 500Fi		GYZ16H	YTX14-BS	
700	My road		GYZ16H	YTX14-BS	
LAVERDA					
125	125LB		12N5.5-3B		
125	125LZ (Zundapp)		6N11A-1B		
125	CU Rider		12N5.5-3B		
125	GS Lesmo		12N5.5-3B		
150	Phoenix		YTX9-BS		
200	Phoenix		YTX9-BS		
600	OR Atlas		YB14L-A2		



L-M

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
LAVERDA CONTINUED					
650	Ghost, Strike		YB14L-A2		
668	Diamante, Ghost, Ghost Legend, Strike	1999	51814		
750	750GTL/SFC/S	1999	51814		
750	Carenata, Diamante	1999	51814		
750	Formula		YB4L-B		
750	Ghost Strike, Formula	1999	51814		
750	SF/SFC/GTL/GTS		12N24-3A		
750	Strike		12N24-3A		
1000	1000RGS		53030		
1200	1200		53030		
LEM					
50	Flash		YB4L-B		
50	Ghibli		YB4L-B		
LONCIN					
110	LX110-30 II		YB5L-B		
150	LX150-2EV		YB7L-B		
LUOYANG NORTHERN EK CHOR					
110	Dayang 110		YB5L-B		
125	Dayang 125		YTX7A-BS		
MAICO					
250	Cup		YB5L-B		
250	MD250		YB5L-B		
MALAGUTTI					
50	Centro	1994-on	YB4L-B		
50	Centro SL/SL Kat		YB5L-B		
50	Ciak	1999	YB5L-B		
50	Colors		YB4L-B		
50	CR1	1996-on	YB4L-B		
MALAGUTTI					
50	Crosser EL	1998	YB4L-B		
50	Dune ES	1989	YB4L-B		
50	Evolution		YB4L-B		
50	F10/F12/F12LC Twin Disk		YB4L-B		
50	F15 Twin Disk/Digit		YB5L-B		
50	F15/Twin Disk		YB4L-B		
50	Fifty Top	1991	YB4L-B		
50	Mistral		YB4L-B		
50	New Dribbling		YB4L-B		
50	Phantom F12	1994-on	YB4L-B		
50	RST, Top		YB4L-B		
50	Yesterday, Euro	1999	YB4L-B		
100	Ciak	1999	YB5L-B		
100	F12		YTX5L-BS		
100	Phantom F12	1999	YTX5L-BS	YT5L-BS	



M

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
MALAGUTTI CONTINUED					
125	F18		YB9-B		
125	Madison	2000	YB9-B		
125	Runner VS, Rally	1987-on	YB3L-A		
125	Runner, R	1986	6N6-3B		
150	Ciak		YB9-B		
150	F18		YB9-B		
150	Madison		YB9-B		
180	Madison		YB9-B		
250	Madison	2000	YB9-B		
250	Phantom Max	2004	YTX12-BS		
400	Madison K	2002-2004	YB12AL-A		
500	Spider Max	2004-2005	YB14L-A2		
MALANCA					
125	1252CE		6N11A-1B		
150	150GT		6N11A-1B		
MATCHLESS					
250	250		B38-6A		
350	350		B38-6A		
500	500		B38-6A		
650	[6V]		B38-6A		
650	[12V]		YB7L-B		
750	750		YB7L-B		
MBK					
50	Active		YB4L-B		
50	Booster	1993-1996	YB4L-B		
50	Booster NG	1996-1997	YB4L-B		
50	Booster Road	1995	YB4L-B		
50	Booster Rocket	1996-1997	YB4L-B		
50	Booster Spirit/Track	1999	YB4L-B		
50	CTS, CTSS		YB4L-B		
50	Equalis	1999	YB4L-B		
50	Evolis	1993-1997	YB4L-B		
50	Fizz	1995-1996	YB4L-B		
50	Forte	1996-1997	YB4L-B		
50	Nitro, Ovetto	1999	YB4L-B		
50	Sorriso		YB4L-B		
50	Target		YB4L-B		
50	X-Limit DT50	1997	YB3L-A		
80	Evolis		YB4L-B		
100	Booster	1995-1996	YTX5L-BS		
100	Nitro, Ovetto		YTX4L-BS		
125	Doodo		YB7L-B		
125	Flame	1995-1997	YTX7A-BS		
125	Flame R	1998	YTX7A-BS		
125	Skyliner 125		12N7-3B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
MBK CONTINUED					
125	XC Flame/Flame R		YTX7A-BS		
150	Skyliner		YB7L-B		
150	Vertex		YTX7A-BS		
250	Skyliner 250	2000	YT7B-BS		
300	Kilibre	2004	YTX9-BS		
660	XT660R		YT9B-BS		
MORINI					
125	Corsaro		6N11A-1B		
125	Country		6N11A-1B		
150	150SS		6N11A-1B		
350	Coguardo		YB18L-A		
350	Dart		YB14L-A2		
350	Excalibur		YB18L-A		
350	Kanguro		YB18L-A		
350	New York		YB18L-A		
350	Sport bicil.		12N9-3B		
350	Sport bicil. (Electric-Starter)		YB18L-A		
500	Enduro		6N2-2A		
500	Turbo		YB18L-A		
501	Camel		YB18L-A		
501	Coguardo		YB18L-A		
501	Excalibur		YB18L-A		
501	New York		YB18L-A		
1200	9 1/2		YTX20CH-BS		
1200	Corsaro		YTX20CH-BS		
1200	Corsaro Avio/ Veloce		YTX20CH-BS		
1200	Granpasso		YTX20CH-BS		
1200	Scrambler		YTX20CH-BS		
1200	Sport		YTX20CH-BS		
MOTO GUZZI					
125	Custom		12N9-4B-1		
125	Stornello Scrambler		B38-6A		
160	Stornello Scrambler		B38-6A		
200	Galletto		12N24-3A		
200	Motocarro Ercolino		B38-6A		
250	4 Cylinder		YB12A-A		
350	Florida		YB18L-A		
350	Nevada/Nevada club		YB18L-A		
350	NTX		YB18L-A		
350	V35/GT/C		53030		
350	V35 Custom	1982-1986	YB18L-A		
350	V35 II	1981-1986	53030		
350	V35 Imola/Monza		53030		
500	Falcone		B38-6A		
500	Falcone U.T		YB18L-A		



M

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
MOTO GUZZI CONTINUED					
500	V50		53030		
500	V50 Custom	1981-1986	YB18L-A		
500	V50 III	1981-1986	53030		
500	V50/Imola/Monza/C		53030		
650	Nevada N.T	1994-1998	53030		
650	NTX		YB18L-A		
650	V65	1982-1986	53030		
650	V65 Custom		YB18L-A		
650	V65 Florida	1986-1993	YB18L-A		
650	V65 Florida	1987-1994	53030		
650	V65 GT	1984-1987	53030		
650	V65 Lario	1982-1987	53030		
650	V65 Sport	2005-on	53030		
750	Breva	2005-2008	YTX14AHL-BS	YB14L-A2	
750	Nevada	2000-2002	YTX14AHL-BS		
750	Nevada	2008	YB14L-A2		
750	Nevada 750 Classic/S.E. 07		YTX14AHL-BS	YB14L-A2	
750	Nevada Club	2008	YB18L-A		
750	Nevada Club (Rest)		YTX14AHL-BS		
750	NTX		YB18L-A		
750	Strada	1990-1993	53030		
750	Strada	1993-1996	YB18L-A		
750	Targa		53030		
750	V7	1995-1997	GYZ16H	YTX14-BS	
750	V7	2008	YB14L-A2		
750	V7	2015	YTX14AHL-BS		
750	V7 (Rest)		53030		
750	V7 Classic	1988-1992	YTX14AHL-BS	YB14L-A2	
750	V7 Racer 2012, V7 Stone	2013-on	GYZ16H	YTX14-BS	
750	V7 Special		GYZ16H	YTX14-BS	
750	V75	2008	YB18L-A		
750	V75	2012-on	YTX14AHL-BS		
850	Breva, Griso		YTX20CH-BS		
850	Le Man		53030		
850	Norge		YTX20CH-BS		
850	T3, T4, T5 III		53030		
850	T5	1981-1988	53030		
936	Bellagio	2013-on	GYZ20HL	GYZ20L	YTX20HL-BS
938	Bellagio		YTX20CH-BS		
1000	1000NT	1994-1998	53030		
1000	1000S	1982-1998	53030		
1000	California II/III		53030		
1000	Convert	1992-1998	53030		
1000	Daytona, RS		53030		
1000	G5, Convert		53030		



M

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
MOTO GUZZI CONTINUED					
1000	GT	1985-1993	53030		
1000	Le Mans		53030		
1000	Le Mans III	1987-1993	53030		
1000	Mille, Mille GT		53030		
1000	Quota	1977-1991	53030		
1000	SP, SP California/III	1993-1996	53030		
1000	SP, SPII/III	1997-2000	53030		
1000	Strada	2000-on	53030		
1000	V10 Centauro SP		53030		
1000	VI0 Centauro Sport/GT		YTX15L-BS		
1064	California Classic	1994-2001	GYZ20HL	GYZ20L	YTX20HL-BS
1064	California Vintage		GYZ20HL	GYZ20L	YTX20HL-BS
1100	Sport/1		53030		
1100	Breva, Griso	2003-2005	YTX20CH-BS		
1100	Breva	2005-2006	YTX20CH-BS		
1100	Breva	2007	GYZ20HL	GYZ20L	YTX20HL-BS
1100	Breva ABS		YTX20CH-BS		
1100	California	1999-2004	GYZ20HL	GYZ20L	YTX20HL-BS
1100	California (CA only)		YTX15L-BS		
1100	California EV, Stone		53030		
1100	California, Special, Jackal, Breva, Griso		YTX20CH-BS		
1100	Jackal	2000-2001	53030		
1100	Quota 1100 ES	1994-1996	53030		
1100	Quota 1100 ES	1997-1999	YTX15L-BS		
1100	Quota 1100 ES	2000-2005	53030		
1100	Sport 1100i		YTX15L-BS		
1100	Stone, EV		53030		
1100	V11 Ballabgio		GYZ20HL	GYZ20L	YTX20HL-BS
1100	V11 Bassa	1998-1999	53030		
1100	V11 Cafe Sports		YTX15L-BS		
1100	V11 EV		53030		
1100	V11 Le Mans	1999-2005	53030		
1100	V11 Le Mans Rosso Corsa	1999-on	YTX15L-BS		
1100	V11 Le Mans/Sport	2013-on	YTX15L-BS		
1100	V11 Sport		53030		
1200	Breva 1200/ABS		YTX20CH-BS		
1200	Griso 1200 8V	2013-on	YTX20CH-BS		
1200	Norge 1200 T		YTX20CH-BS		
1200	Norge GT8V		YTX20-BS		
1200	Sport		YTX20CH-BS		
1200	Sport ABS	2013-on	YTX20CH-BS		
1200	Stelvio 4V, Stelvio NTX 1200 8V		YTX20CH-BS		
1256	MGS-01 Corsa		GYZ20HL	GYZ20L	YTX20HL-BS
	New California		YTX20-BS		



M

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
MOTOTRANS					
250	Strada		12N12A-4A-1		
350	Vento		12N12A-4A-1		
500	Desmo		YB14L-A2		
MOTRON					
50	Compact Racing RZ1		YB4L-B		
50	Invader		YB4L-B		
50	Spike		YB4L-B		
50	Sting		YB4L-B		
50	Syncro		YB4L-B		
50	Thunder		YB4L-B		
50	XLE		YB4L-B		
MuZ					
125	All Models	All	YB9L-A2		
660	Skorpion	1995-2001	YB9L-A2		
MV AGUSTA					
750	F4, Brutale	2000-on	YTZ10S		
750	F4, Serie Oro		53030		
910	Brutale	2006-2008	YTZ10S		
1000	F4	2005-2008	YTZ10S		
1000	F4 1000		Y60-N24L-A		
MZ					
125	125ES, ETS		6N11A-1B		
125	125ETZ		12N9-3B		
125	125TS		6N11A-1B		
125	Roadstar	1993-1994	YB5L-B		
125	Sazson Sport Star	1993-1997	YB5L-B		
143	150ETZ		12N9-3B		
150	TS150		6N11A-1B		
250	ETS250		6N11A-1B		
250	ETZ250		12N9-3B		
250	TS250		6N11A-1B		
251/301	Saxson Fun, Tour	1993-1994	YB5L-B		
500	Green Star	1997	YB14L-A2		
500	Red Star	1993	YB14L-A2		
500	Saxon Fun	1993-1997	YB14L-A2		
500	Saxson Country	1993-1996	YB14L-A2		
500	Silver Star Classic	1993-1994	YB14L-A2		
500	Tour	1997	YB14L-A2		
660	Skorpion Classic	1995-1996	YB9L-B		
660	Skorpion Race Replica	1997	YB9L-B		
660	Skorpion Replica	1994-1997	YB9L-B		
660	Skorpion Sport	1994-1997	YB9L-B		
660	Skorpion Tour	1997	YB9L-B		
660	Skorpion Traveller	1997	YB9L-B		



N-P

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
NANJING JINCHENG					
110	SJ110		YB5L-B		
NORTON					
350	Navigator		6N11A-1B		
750	Ranger Commando		YB9-B		
850	Commando, Commando (75)		YTX14AHL-BS		
OZBIKE					
	All Models		YTX5L-BS		
PANDA MOTOR SPORTS					
50	Com-ute	1996-2002	6N4-2A		
50	Cub	1996-1999	YTX4L-BS		
50	Fun Rider	1996-2002	6N2-2A		
50	Retro	2001-2002	YB7-A		
70	Trail Rider	1999-2002	YTX4L-BS		
PEUGEOT					
25	Fox LA	1995-1997	YB4L-B		
50	Buxy	1995-1997	YB4L-B		
50	Buxy RS	1996-1997	YB4L-B		
50	Elyseo	1998	YB4L-B		
50	Elystar TDS	2003-on	YB4L-B		
50	Fox Lux	1995-1997	YB4L-B		
50	Jet Force	2003	YB4L-B		
50	Liverty		YB4L-B		
50	Looxor	2001-on	YB4L-B		
50	Looxor TDS	2002-on	YB7L-B		
50	Ludix	2004	YB4L-B		
50	Rapido/Rapido3	2001-on	YB4L-B		
50	SCLI Metropolis	2001-on	YB4L-B		
50	Speedake	2001-on	YB4L-B		
50	Speedfight 2	2000-on	YB4L-B		
50	Speedfight LC	1997-1999	YB4L-B		
50	Squab	1996-1997	YB4L-B		
50	ST	2001-on	YB4L-B		
50	SV Blue Star	1997	YB4L-B		
50	SV Junior	1993-1996	YB4L-B		
50	SV, SV Geo	1993-1997	YB4L-B		
50	Trekker Road/Off Road	1999	YB4L-B		
50	Vivacity	1999	YB4L-B		
50	X-Fight		YB4L-B		
50	Zenith	1995-1996	YB4L-B		
80	SV80	1993-1996	YB5L-B		
100	Elyseo	1999	YB7L-B		
100	Elyseo	2001-on	YTX5L-BS		
100	Looxor	2001-on	YTX5L-BS		
100	Speedfighter	1998-on	YTX5L-BS		
100	SV	1997	YB5L-B		



P

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PEUGEOT CONTINUED					
100	Trekker	1998-on	YTX5L-BS		
100	Vivacity	1999-on	YTX5L-BS		
100	X-Fight	2001-on	YTX5L-BS		
100	Zenith	2001-on	YB4L-B		
105	Ciclomotore (Electric-Starter)	2001-on	YB4L-B		
125	CityStar	2011	YB12AL-A		
125	Django	2014-on	YTX7A-BS		
125	Elyseo		YB7-A		
125	Elystar	2002-on	YB7-A		
125	Geopolis	2005	YB12AL-A		
125	Jet Force	2003	YB12AL-A		
125	Jet Force Compressor	2003	YB12AL-A		
125	Satelis	2005	YB12AL-A		
125	Satelis Compressor	2007	YB14L-A2		
125	SV125	1993-1997	YB5L-B		
150	Elyseo	1998	YB7-A		
150	Elystar	2002-on	YB7-A		
250	Geopolis	2005	YB12AL-A		
250	Satelis	2006	YB12AL-A		
250	ST, SV	2001-on	YTX12-BS		
400	Satelis	2007	YTX12-BS		
500	Satelis	2007	YTX12-BS		
PGO					
25	Comet	1995-1997	YTX4L-BS	YT4L-BS	
25	Galaxy	1997	YTX4L-BS	YT4L-BS	
25	Mega	1997	YTX4L-BS	YT4L-BS	
50	Big Max	1995-1996	YB4L-B		
50	Big Max Sport	1993-1996	YTX4L-BS	YT4L-BS	
50	Comet	1994-1997	YTX4L-BS	YT4L-BS	
50	Comet Junior	1993-1997	YTX4L-BS	YT4L-BS	
50	Galaxy	1997	YTX4L-BS	YT4L-BS	
50	Mega	1993-1996	YTX4L-BS	YT4L-BS	
50	Star-Star II	1997	YB4L-B		
50	Tornado	1993-1996	YTX4L-BS	YT4L-BS	
80	Star	1997	YTX4L-BS	YT4L-BS	
90	Big Max	1994-1997	YTX4L-BS	YT4L-BS	
90	Galaxy	1997	YTX4L-BS	YT4L-BS	
90	Tornado	1997	YTX4L-BS	YT4L-BS	
PIAGGIO					
25	Free, FL	1994-1998	YB4L-B		
25	Velofax	1998	YB4L-B		
25	Zip	1994-1998	YB4L-B		
50	Diesis		YB4L-B		
50	DNA		YTX4L-BS		
50	Easy Moving		YB4L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
50	Fly	2009-2012	YB4L-B		
50	Fly 2T	2013-on	YB4L-B		
50	Fly 4T		YB9-B		
50	Free, Free 50 Poste		YTX4L-BS		
50	Free PTT		YTX4L-BS		
50	Free, FD	1994-1999	YB4L-B		
50	GPR 50		YTX4L-BS		
50	ICE 50		YTX4L-BS		
50	Liberty	1999	YB4L-B		
50	Liberty 2T/2T RST		YTX4L-BS	YB4L-B	
50	Liberty 2T Sport		YB4L-B		
50	Liberty 4T/4T RST		YB9-B		
50	Liberty 50 2 Tempi		YTX4L-BS		
50	Liberty 504T PTT Belgio		YB9-B		
50	Liberty 504T PTT(D)		YB9-B		
50	Liberty 50 4T PTT Portogallo		YB9-B		
50	Liberty 504T PTT Slovenia		YB9-B		
50	Liberty 504T RST PTT Fran		YB9-B		
50	Liberty 504T PTT RST Ital		YB9-B		
50	Liberty 504T RST Europa		YB9-B		
50	Liberty PTT		YTX4L-BS		
50	LX50	2010-2012	YB9-B		
50	M.B. Vespa 25 KM/H LX (B-NL-D-DK)	2008	YB9-B		
50	M.B. Vespa 25 KM/H LX (B-NL) Vers. Spec.	2008	YB9-B		
50	M.B. Vespa 50/2T LX Germania	2008	YB9-B		
50	M.B. Vespa 50/2T LX Europa	2008	YB9-B		
50	M.B. Vespa 50 LXS Budget	2007	YB9-B		
50	M.B. Vespa 50 LX E.3 Svizzera	2008	YB9-B		
50	M.B. Vespa 50/2T LX 30 Km/h DK	2008	YB9-B		
50	New Fly 50 4T	2013-on	YTX7L-BS		
50	NRG	1994-1998	YB4L-B		
50	NRG (Rest)		YTX4L-BS		
50	NRG 2T H20 Power		YB9-B		
50	NRG Extreme	1999	YTX4L-BS		
50	NRG Extreme DT/DD	1999	YTX4L-BS		
50	NRG MC2	1996-1998	YB4L-B		
50	NRG MC3	2001-on	YTX4L-BS	YB4L-B	
50	NRG Power		YB4L-B		
50	NRG Power DD/DT		YB4L-B		
50	NRG Power D/T		YB9-B		
50	NRG Power PureJet		YB9-B		
50	NRG PureJet	2003-on	YB9-B		
50	NTT		YB4L-B		
50	Quartz	1993-1998	YB4L-B		
50	RCR		YB4L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
50	Runner 50 IN. Replica UK		YB9-B		
50	Runner Iniez, PureJet		YB9-B		
50	Runner Iniez. Europ		YB9-B		
50	Runner Iniez. UK		YB9-B		
50	Runner Poggiali		YTX4L-BS		
50	Runner Replica		YB9-B		
50	Runner SP/DD/FL/Race/SC		YB4L-B		
50	Scatto		YB4L-B		
50	Sfera, RST	1993-1998	YB4L-B		
50	SMT		YB4L-B		
50	SP 50	2010-2012	YB4L-B		
50	SR 50 PureJet		YB9-B		
50	Stalker 50		YTX4L-BS	YB4L-B	
50	Stalker Naked		YB4L-B		
50	Storm 50	1995-1996	YTX4L-BS	YB4L-B	
50	Typhoon 50	1994-1999	YTX4L-BS	YB4L-B	
50	Typhoon 50 2T	2013-on	YB9-B		
50	Typhoon 50 USA		YB9-B		
50	Typhoon 50 Canada		YB9-B		
50	Velofax	1998	YB4L-B		
50	Vespa 4T		YTX4L-BS	YB9-B	
50	Vespa ET2 Iniez		YTX5L-BS	YB5L-B	
50	Vespa ET2/ET2 Injection	1998-on	YTX4L-BS	YB4L-B	
50	Vespa ET4		YB9-B		
50	Vespa ET4 Euro 2		YB9-B		
50	Vespa LX 2T		YTX4L-BS	YB4L-B	
50	Vespa LX 4T/LXV 2T		YB9-B		
50	Vespa PK FL/FL2		YB7-A		
50	Vespa PK Marce AEL		YTX5L-BS	YB5L-B	
50	Vespa PK N/S		YB7-A		
50	Vespa PK Rush/HP		YB7-A		
50	Vespa S 50 2T	2013-on	YB4L-B		
50	Vespa S 50 4T	2013-on	YB9-B		
50	Vespa PX		YB9-B		
50	Zip 4T	2002-on	YTX9-BS		
50	Zip 4 Tempi Euro 2		YTX7L-BS		
50	Zip Catalyzed 2T	2002-on	YTX4L-BS		
50	Zip FR/RST/SP 2T H20		YB4L-B		
50	Zip SP (Euro 2)	2006-2008	YB4L-B		
50	Zip		YTX4L-BS	YB4L-B	
50	Zip, Fast Rider		YB4L-B		
80	P80X		12N5.5-3B		
80	PK80		12N5.5-3B		
80	PK80 S/XL		YB7-A		
80	PX80 E		YB9-B	YB7-A	



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
80	PX80 E Lusso	1990-1996	YB7-A		
80	Sfera	1993-1995	YB7-A		
100	Diesis	2007-on	YTX4L-BS		
100	Free 100 4T		YTX7L-BS		
125	Beverly	2000-on	YT12B-BS		
125	Beverly, Sport (Euro 3)		YTX12-BS		
125	Beverly 125 GT, 4T		YB9-B		
125	Beverly 125 EUR		YB9-B		
125	Beverly 125 Tourer (Euro 3)		YTX12-BS		
125	Beverly 125 UK		YB9-B		
125	Carnaby 124 4T		YTX12-BS		
125	Cosa, Cosa CL/FL/X	1995	YB7-A		
125	DNA 125		YB9-B		
125	DNA 125 4T		YB10L-B		
125	Excutive	2000-on	YB9-B		
125	Fly		YB9-B		
125	Granturismo		YTX12-BS		
125	Hexagon		YB9-B		
125	Hexagon GTX		YB10L-B		
125	Hexagon LX4	2000-on	YTX12-BS		
125	Hexagon/LX/RST	1999	YB9-B		
125	Liberty	1999	YB9-B		
125	Liberty 125 3V	2013-on	YTX7L-BS		
125	Liberty 4T, Sport	2008	YTX12-BS		
125	M. Base Liberty 125 RST		YB9-B		
125	MP3	2007-on	GYZ16H	YTX14-BS	
125	Nexus 125		YTX12-BS		
125	RS 125 ES, Racing		YB9-B		
125	Runner 125	2010-2012	YB9-B		
125	Runner 125 E2		YB9-B		
125	Runner 125 VX 4T	2007	YTX12-BS	YB9-B	
125	Runner 125 VX 4T-ST-(Euro 3)		YTX12-BS		
125	Runner/DT/DD/4T/VX		YB9-B		
125	Sfera 4T	1996-1998	YTX7L-BS	YB7-A	
125	Sfera RST		YTX9-BS	YB9-B	
125	Skipper		YB7-A		
125	Skipper 125 2T		YB9-B		
125	Skipper 4T		YB9-B		
125	Skipper LX/ST 4T	1999	YB9-B		
125	SKR	1994-1998	YB7-A		
125	ST4 Leader	2000-on	YTX9-BS		
125	Superhexagon GTX	2000-on	YTX12-BS		
125	Typhoon/ X/XR	1996-1999	YB9-B		
125	V. 125 ET4 Euro2/Europa		YB9-B		
125	Vespa 946	2013-on	YTX12-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
125	Vespa ET4 LX	1996-2000	YB9-B		
125	Vespa ETS		YB7-A		
125	Vespa Granturismo		YB9-B		
125	Vespa GT H20 UK		YB9-B		
125	Vespa GTV 125 4T Navy (Euro 3)		YTX12-BS		
125	Vespa LX 125 3V	2013-on	YTX7L-BS		
125	Vespa LXV 125 4T		YTX12-BS		
125	Vespa LXV 125 4T Navy (Euro 3)		YTX12-BS		
125	Vespa LXV GTV 4T Navy		YTX12-BS		
125	Vespa P125X	1998	12N5.5-3B		
125	Vespa PK-S/-FL/-XL		YB7-A		
125	Vespa PX	2013-on	YB9-B		
125	Vespa PX 125 E2/E2 Belgio		YB9-B		
125	Vespa PX E	1998	YB9-B		
125	Vespa PX S	1998	YB7-A		
125	Vespa S 125 3V	2013-on	YTX7L-BS		
125	Vespa T5		YB7-A		
125	X Evo 125 (Euro 3)		GYZ16H	YTX14-BS	
125	X10 125	2012-on	YTX12-BS		
125	X7 (Euro 3)	2008	YTX12-BS		
125	X8 125 Premium (Euro 3)		GYZ16H	YTX14-BS	
125	X8 Premium		GYZ16H	YTX14-BS	
125	X9, Evolution	2000-on	YB10L-B	YB9-B	
125	Zip 4T	2000-on	YTX9-BS		
150	Cosa CL/X		YB7-A		
150	Excutive		YB9-B		
150	Fly 150		YB9-B		
150	Fly 150	2009-2012	YB9-B		
150	Fly 150 4T USA		YB9-B		
150	Hexagon	1995-1997	YB9-B		
150	Liberty	2000-on	YB9-B		
150	Liberty 150 3V	2013-on	YTX7L-BS		
150	Liberty 4T/Sport		YTX12-BS		
150	Liberty (Rest)		YT12A-BS		
150	Liberty Sport (Rest)		YT12A-BS		
150	Liberty 150 4T (Euro 3)/ Sport (Euro 3)		YTX12-BS		
150	LX150	2010	YB9-B		
150	Skipper		YB7-A		
150	Skipper		YB9-B		
150	Skipper 150 2T		YB9-B		
150	Skipper LX/ST 4T	1999	YTX9-BS	YB9-B	
150	Typhoon 150		YB9-B		
150	Vespa ET4 (sealed)	1999-on	YTX9-BS		
150	Vespa ET4/LX/PX		YB9-B		
150	Vespa LX 4T		YTX12-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
150	Vespa 150 LX 3V	2013-on	YTX7L-BS		
150	Vespa 151 ET4 Euro2 Europa		YB9-B		
150	Vespa 150 LX Canada/USA 2007		YB9-B		
150	Vespa PX 150		YB9-B		
150	Vespa PX 150 USA		YB9-B		
150	Vespa PX 151 E2		YB9-B		
150	Vespa PX X		YB7-A		
180	DNA 180		YB9-B		
180	Hexagon LXT	1999	YB10L-B		
180	Hexagon LXT	2000-on	YTX12-BS		
180	Runner 180 2T		YB9-B		
180	Runner 180 4T	2007-on	YTX12-BS		
180	Superhexagon GTX	2001-on	YTX12-BS		
200	Beverly		YT12B-BS		
200	Beverly 200	2007-on	YTX12-BS		
200	Carnaby 200 4T (Euro 3)	2007-2008	GYZ16H	YTX14-BS	
200	Carnaby 4T		GYZ16H	YTX14-BS	
200	Cosa	1996	YB9-B		
200	Liberty		YT12A-BS		
200	Liberty 200 4T		YTX12-BS		
200	Liberty 200 4T Sport	2007	YTX12-BS		
200	Motore Go-Kart		YTX7L-BS		
200	Runner 200 VXR 4T -ST- (Euro 3)	2010-2012	YTX12-BS		
200	Runner VXR 4T/RST		YTX12-BS		
200	Vespa P E		YB7-A		
200	Vespa PX 200		YB9-B		
200	Vespa PX E Lusso	1998	YB9-B	YB7-A	
250	Beverly		GYZ16H	YTX14-BS	
250	Beverly 250 (Euro 3) (MIC 2007)	2007	GYZ16H	YTX14-BS	
250	Beverly 250 Cruiser, Tourer (Euro 3)		GYZ16H	YTX14-BS	
250	Cruiser, Tourer		GYZ16H	YTX14-BS	
250	Carnaby 250 4T ie (Euro 3)		GYZ16H	YTX14-BS	
250	Carnaby 4T ie		GYZ16H	YTX14-BS	
250	Euro 3, SP Euro 3		GYZ16H	YTX14-BS	YB14L-A2
250	GTS250, GTV250	2010	GYZ16H	YTX14-BS	
250	Hexagon	1998	YB9-B		
250	Hexagon GT	2000-on	YTX12-BS		
250	MP3	2007-2012	GYZ16H	YTX14-BS	
250	MP3 (Rest)		GYZ16H	YTX14-BS	
250	Nexus		GYZ16H	YTX14-BS	YB14L-A2
250	Nexus 250 (Euro 3) (2007)	2007	GYZ16H	YTX14-BS	
250	Superhexagon GTX	2000	YB10L-B		
250	Superhexagon GTX	2001-2003	YTX12-BS		
250	Tourer (Euro 3)		GYZ16H	YTX14-BS	
250	Vespa GTV ie Navy		GYZ16H	YTX14-BS	



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
PIAGGIO CONTINUED					
250	X Evo	2008	GYZ16H	YTX14-BS	
250	X Evo 250 (Euro 3)		GYZ16H	YTX14-BS	
250	X7 250 ie		GYZ16H	YTX14-BS	
250	X7 250 ie (Euro 3)		GYZ16H	YTX14-BS	
250	X8 250 ie		GYZ16H	YTX14-BS	
250	X9	2001-on	YB14L-A2		
250	X9 Evolution		YTX12-BS	YB10L-B	
300	Beverly		YTX12-BS		
300	GTS300		GYZ16H	YTX14-BS	
300	MP3		GYZ16H	YTX14-BS	
300	MP3 Hybrid	2013-on	GYZ16H	YTX14-BS	
300	Nexus ie		GYZ16H	YTX14-BS	
300	Nexus 300 ie (Euro 3)		GYZ16H	YTX14-BS	
300	Vespa GTS		YTX12-BS		
300	Vespa GTS ie Super		GYZ16H	YTX14-BS	
300	Vespa GTS Super	2013-on	YTX12-BS		
300	X7 Evo		YTX12-BS		
300	Yourban		GYZ16H	YTX14-BS	
330	X10 350		YTX12-BS		
350	Beverly Sports Touring		YTX12-BS		
400	Beverly ie Tourer		GYZ16H	YTX14-BS	
400	MP3 (Rest)		GYZ16H	YTX14-BS	
400	X Evo		GYZ16H	YTX14-BS	
400	X8 ie, Euro 3		GYZ16H	YTX14-BS	
400	Beverly 400 ie (Euro 3)		GYZ16H	YTX14-BS	
400	Beverly 400 ie Tourer (Euro 3)	2008-2012	GYZ16H	YTX14-BS	
400	MP3		GYZ16H	YTX14-BS	
401	X Evo 400 (Euro 3)		GYZ16H	YTX14-BS	
401	X8 400 ie (Euro 3)		GYZ16H	YTX14-BS	
493	X10 500		YTX12-BS		
500	Beverly, Cruiser, Euro 3	2008-2012	GYZ16H	YTX14-BS	
500	Beverly 500 (Euro 3)		GYZ16H	YTX14-BS	
500	Beverly 500 Cruiser (Euro 3)		GYZ16H	YTX14-BS	
500	BV500		GYZ16H	YTX14-BS	
500	Fuoco		YTX20CH-BS	YTX16-BS	
500	Euro 3	2008-2012	GYZ16H	YB14L-A2	
500	MP3		GYZ16H	YTX14-BS	
500	Nexus		GYZ16H	YB14L-A2	
500	X9		YTX16-BS	YB14AL-A2	
500	X9 Evolution		YB14L-A2		
500	X9 Evolution USA		GYZ16H	YTX14-BS	
POLARIS VICTORY					
1507	V92DC Classic/Deluxe Cruiser	1998-2004	GYZ20HL	GYZ20L	YTX20HL-BS
1507	V92SC Sport Cruiser	2000-2001	GYZ20HL	GYZ20L	YTX20HL-BS
1507	V92TC Touring Cruiser	2002-2006	GYZ20HL	GYZ20L	YTX20HL-BS



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
POLARIS VICTORY CONTINUED					
1507	Vegas, Kingpin, 8-ball, Hammer	2003-2005	GYZ20HL	GYZ20L	YTX20HL-BS
1634	Vegas, Kingpin, 8-ball, Hammer	2006-2010	YTX20HL-BS		
1731	Vegas Jackpot, Hammer, Ness, Vision	2008-2013	YTX20HL-BS		
PUCH					
	Lido SL50, Lido Vario		YB4L-B		
QIANJIANG					
50	B01		YTX4L-BS	YT4L-BS	
50	QJ36-A, QJ50T/-2		YB4L-B		
50	QJ50T-2A		YTX4L-BS	YT4L-BS	
50	QJ50T-8		YTX5L-BS		
50	T08, B01		YT4L-BS		
50	T08		YTX4L-BS	YT4L-BS	
100	QJ110-6		YB5L-B		
100	T12		YTX7L-BS		
125	QJ125		YTX7A-BS	12N7-4A	
125	QJ125J		12N9-4B-1		
125	QJ125T		YTX7A-BS		
125	QJ125T-3F		YTX7A-BS		
150	QJ150T	2007-on	YTX7A-BS		
250	QJ250T	2007-on	YTX9-BS		
RIZZATO					
50	Byte AT10		YB4L-B		
50	Carosello		YB4L-B		
50	Hacker AT12 LC/Racing		YB4L-B		
ROYAL ENFIELD					
350	All Electric Start Models	2000-2003	YTX14AHL-BS		
350	All Kick-start Models	1995-1999	YB7-A		
350	All Kick-start Models	2000-2003	YB5L-B		
500	Bullet Electra	2011-on	YTX14AHL-BS		
SYM					
50	Cinderella	1989	YTX7A-BS		
50	DD		YTX4L-BS		
50	Fiddle	1975-1977	YTX4L-BS		
50	Fiddle	2010-2012	YTX7A-BS		
50	Jet	1979-1981	YTX4L-BS		
50	JetEuro 50	2010-2012	YTZ7S		
50	Jungle	1989	YTX4L-BS		
50	Mask		YTX5L-BS		
50	Mio	2010-2012	YTX7A-BS		
50	Reddevil	1975-1977	YTX4L-BS		
50	Superfancy	1979-1981	YTX4L-BS		
50	Wind 50		YTZ7S		
100	Bonus		YB5L-B		
100	Cinderella	1999-2001	YTX7A-BS		
100	Jet	1975-1977	YTX5L-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SYM CONTINUED					
100	Mio		YTX5L-BS		
100	Wind 100		YTZ7S		
100	Wo Wow 100		YB5L-B		
100	Woo 100	2013-2014	YTZ10S		
110	IRX 115	2014-on	YTX7A-BS		
110	Magic		YB5L-B		
110	mii 110		YTZ10S		
110	New mii 110	2014-on	YTX7A-BS		
110	Rvi		YB5L-B		
110	RX 110	2014-on	YTZ10S		
125	Attila	1999-2000	YTX7A-BS		
125	GR 125 EFI		YTZ10S		
125	GT 125 EFI		YTZ10S		
125	GT 125 EVO	2013-2014	YTZ10S		
125	GT125 EFI/EVO	2012-on	YTX7A-BS		
125	GT 125 Super, GT Super 2	2014-on	YTX7A-BS		
125	Husky	1989	YTX7L-BS		
125	Jet Power 125	2013-2014	YTZ10S		
125	Newduke	2000-2001	YTX7A-BS		
125	Shark		YTX9-BS		
125	Superduke	2000-2001	YTX7A-BS		
125	Wild Wolf 125	2013	YTZ10S		
125	Wild Wolf Legend 125		YTZ10S		
125	Wild Wolf Legend R125		YTZ10S		
125	Wolf 125/R125		YTZ10S		
125	Z1 125		YTZ10S		
150	Attila	2000-2001	YTX7A-BS		
150	Fighter 150		YTZ10S		
150	Fighter 6th	2014-on	YTZ10S		
150	Golden Wolf 150		YTZ10S		
150	GT 150	2013-2014	YTZ10S		
150	Joyride		YTX9-BS		
150	New Fighter		YTZ10S		
150	Shark		YTX9-BS		
150	Super Duke	1996 -on	YTX9-BS		
150	T1	2013-2014	YTX9-BS		
150	VS, VS Excel		YTX9-BS		
150	Wild Wolf Legend R 150		YTZ10S		
150	Wolf 150/R150		YTZ10S		
180	RV 180		YTX9-BS		
200	HD	2010-2012	YTX9-BS		
200	Joyride		YTX9-BS		
250	GTS		YTX12-BS		
250	RV 250	2010-2014	YTX12-BS		
250	T2 250	2013-2014	YT12A-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SYM CONTINUED					
300	GTS300i	2013	YTZ14S		
300	GTS300i	2014-on	YT12A-BS		
300	RV 270	2014-on	YTX12-BS		
300	T3	2014-on	YT12A-BS		
400	MAXSYM		YTZ14S		
400	MAXSYMi	2014-on	YTZ14S		
SHANGHAI YAMAHA					
	ES4 (for Brazil)		YTX7L-BS		
SIMSON					
50	Albatros	1997	12N5.5-3B		
50	Albatros (Electric-Starter)	1997	YB5L-B		
50	Classic	1996-1997	12N5.5-3B		
50	S51/1 B/C/E		12N5.5-3B		
50	S53	1993-1995	12N5.5-3B		
50	SD CT/CTE	1995	12N5.5-3B		
50	SR50 1B/1C	1993-1995	12N5.5-3B		
50	SR50 2CE (Electric-Starter)	1993	YB5L-B		
50	SR50 CC	1994	12N5.5-3B		
50	SR50 CCE (Electric-Starter)	1994	YB5L-B		
50	SR50 M/XC/XG	1994-1995	12N5.5-3B		
50	SR50 XCE/XGE (Electric-Starter)	1995	YB5L-B		
80	Classic	1996-1997	12N5.5-3B		
80	S83	1993-1995	12N5.5-3B		
80	SR80 1B/1C/CC	1993-1995	12N5.5-3B		
80	SR80 2CE (Electric-Starter)	1993	YB5L-B		
80	SR80 CCE (Electric-Starter)	1994	YB5L-B		
80	SR80 XCE/XGE	1995	YB5L-B		
SUNDIRO HONDA					
50	SDH50QT 16		YB4L-B		
50	Today		YTX4L-BS		
100	SDH100-41		YB5L-B		
100	WAVE		YB5L-B		
100	100-6B/6G		YTX7A-BS		
125	125T-2D/8D		YTX7A-BS		
125	SDH125		YTX7A-BS	YTX7L-BS	12N9-4B-1
SUZUKI					
50	A50KM	1992	6N4-2A-4		
50	AC50, AS50	1971	6N4-2A		
50	AD50	1991-1995	YTX4L-BS	YT4L-BS	
50	Address 50	1997	YTX4L-BS	YT4L-BS	
50	Address V 50	2008-on	YT4L-BS		
50	AE50/50M	1991-1995	YTX4L-BS	YT4L-BS	
50	AG50T	1995	YTX4L-BS	YT4L-BS	
50	AH50	1992-1995	YTX4L-BS	YT4L-BS	
50	AJ50	1995	YTX4L-BS	YT4L-BS	



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
50	AJ50 ZZS	2002	YT4B-BS		
50	AP50/R7	1994-on	YTX4L-BS	YT4L-BS	
50	AY50/W/WR Katana	1998	YT4B-BS		
50	AZ50	2006	YT4B-BS		
50	AZ50 (Lets II ZZ)	2002	YT4B-BS		
50	CP50	1985-1995	YTX4L-BS		
50	Birdie 50	2004-on	YT4L-BS		
50	DR-Z50	2008-on	YT4B-BS		
50	F50/R	1971	6N4-2A		
50	FA50 Shuttle	1980-1991	6N2-2A-4		
50	FB50/M	1991-1995	YTX4L-BS	YT4L-BS	
50	FE50		YTX4L-BS		
50	FS50, FZ50	1979-1983	6N4-2A		
50	GS50		YTX4L-BS		
50	GT50E/K/KE/U	1977-1980	6N4B-2A		
50	Katana 50 LC	1997	YTX4L-BS	YT4L-BS	
50	Let's 4, Pallet, Basket	2004-on	YT4L-BS		
50	OR50	1979-1980	6N4B-2A		
50	RB50	1991	6N4-2A		
50	RC50	2002	YTX4L-BS	YT4L-BS	
50	RG50	1991	YB4L-B		
50	RV50	1981	6N4B-2A		
50	Sepia 50	1997-on	YT4B-BS		
50	Sport 50 (Model M12)	1968	6N4-2A		
50	TR50 Street Magic	2002	YT4B-BS		
50	TR50S	1998	YT4B-BS		
50	TS50	1974	6N4-2A		
50	TS50ERK/K	1978-1981	6N4B-2A		
50	TS50W/XA/XK	1991	YB4L-B		
50	Tune 50	1997-on	YTX4L-BS		
50	UR50 (Velde)	2002	YT4B-BS		
50	UX50 W Zillion	1999	YTX4L-BS		
50	UZ50X	2006	YTX4L-BS		
50	X5		YTX4L-BS		
50	YR50	2002	YT4B-BS		
50	Zilion		YTX4L-BS		
50	ZR50K/KE	1979	6N4B-2A		
50	ZZ50	1997	YTX4L-BS		
55	Model 31	1968	6N2-2A-4		
70	DRZ70	2008-2009	YT4B-BS		
75	TS75 Colt	1975-1977	6N4-2A		
80	A80	1992	6N4-2A		
80	CP80	1992	YB5L-B		
80	DG80	1991	YB4L-B		
80	FB80/M	1991-1995	YTX4L-BS	YT4L-BS	



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
80	FB80D	1995	YTX5L-BS		
80	FR80	1995	YTX4L-BS	YT4L-BS	
80	GT80E/EX/L/LX	1981	6N4B-2A		
80	RG80/C	1985-1995	YB4L-B		
80	Sport 80 (Models K11 & K11P)	1968	6N4-2A		
80	Trail 80 (Models K15 & K15P)	1968	6N4-2A		
80	TS80ER	1991	6N4B-2A		
80	TS80X	1984-1987	YB4L-B		
90	CS90G	1991	YB5L-B		
90	FB90	2002	YTX4L-BS	YT4L-BS	
90	Model K10/K10P	1968	6N4-2A		
90	RV90 Rover	1972	6N2-2A-4		
90	RV90 Rover	1973-1977	6N4B-2A		
90	RV90 Rover/Vanvan	1992	6N4B-2A		
90	TC90, TS90		6N4-2A		
90	TC90J/R, TS90J/R		6N2-2A-4		
100	A100 Go-fer	1969-1991	6N4-2A		
100	AG100	1991-1995	YTX5L-BS		
100	AH100 Address	1995-1996	YTX5L-BS		
100	AX100	1991	6N4-2A		
100	B100P	1991	6N4-2A		
100	FB100	1991	YB5L-B		
100	GP100V	1991	6N4-2A		
100	GT100	1992	6N4B-2A		
100	Scrambler AC100	1969	6N4-2A		
100	SP100	1983	6N4B-2A		
100	Sport AS100	1969	6N4-2A		
100	TC100 Blazer	1973-1977	6N4-2A		
100	TS100 Honcho	1973-1977	6N4-2A		
100	TS100 Honcho	1978-1981	6N4B-2A		
105	B105P		6N4-2A		
110	E-Starter		YTX4L-BS		
110	Hokuto		YTX5L-BS		
110	UG110 Hokuto	2000	YTX5L-BS		
120	B120P		6N4-2A		
120	TC120/-II/R	1971	6N4B-2A		
125	Address V 125/S/G	2005-on			
125	AN125 (Vecstar)	1995-1996	YTX7A-BS		
125	AN125 (Vecstar)	2002	YTX7A-BS		
125	Burgman		YTX9-BS		
125	DN125	1991	YB7-A		
125	DR125/D/S		YTX4L-BS		
125	DR125/SE/SES	1994-1996	YTX7L-BS		
125	DR125R/SZ	1991	6N4-2A		
125	DR125SE	1994-1997	YTX7A-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
125	DZ125	2002	YTX7L-BS		
125	EN125		YB7-A		
125	Epicuro		YTX7A-BS		
125	E-Starter		YTX4L-BS		
125	GN125		YB7-A		
125	GN125/E/U	1982-1998	YB7-A		
125	GP125/U	1978	6N4-2A		
125	GS125ES	1991-1992	YB7-A		
125	GS125S	1999	YB7-A		
125	GT125/E/T/ET	1974-1979	12N5-3B		
125	GZ125 Marauder	1999	YTX7L-BS		
125	HJ125J		YB7-A		
125	HJ125T-9		YTX7A-BS		
125	HS125T		YTX7L-BS		
125	K125	1991	YB10L-B		
125	PG125 Gamma		YTX5L-BS		
125	RG125/F	1992-1995	YTX7L-BS		
125	RV125 SE/R	1994	YTX7L-BS		
125	RV125 Tracker	1973-1977	6N4-2A		
125	RV125 Tracker	1979-1992	6N4-2A		
125	RV125 Tracker	2002	YTX7L-BS		
125	SP125	1982-1983	6N4B-2A		
125	SP125	1986-1988	6N4-2A		
125	TC125 Prospector	1973-1977	6N4B-2A		
125	TF125	2002	6N4B-2A		
125	TS125 Duster/ER	1971-1992	6N4B-2A		
125	TS125R/SZ	1991-1992	YTX4L-BS		
125	TS125X	1992	YB4L-B		
125	VL125	2002	YTX7L-BS		
150	AN150	2002	YTX7A-BS		
150	Burgman		YTX9-BS		
150	UC150 Epicuro	1999	YTX7A-BS		
185	GT185 Adventurer (6V)	1973-1977	6N2-2A-4		
185	TC185 Suerra	1971-1976	6N4-2A		
185	TC185 Suerra	1977-1981	6N4B-2A		
185	TF185		6N4B-2A		
185	TS185 Sierra	1971-1976	6N4-2A		
185	TS185 Sierra	1977-1981	6N4B-2A		
185	TS185ER	1979	6N4B-2A		
185	TS185ER	2002	YTX4L-BS		
200	B200	1991	12N7-4A		
200	DR200 SE/E	1996-2013	YTX7L-BS		
200	DR200 S	2015-2016	YTX7L-BS		
200	GT200N/EN	1979	YB7-A		
200	RV200	2002	YTX7L-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
200	SP200	1986-1988	YB4L-B		
200	T200, TC200		YB5L-B	12N5-3B	
200	TS200R/RM	1991-1992	YTX4L-BS	YT4L-BS	
200	Van Van 200	2002-on	YTX7L-BS		
250	AN250 Burgman	1999	YTX7A-BS		
250	AN250 Burgman	2002-on	YT12A-BS		
250	AN250 Sky Wave	1998	YTX7A-BS		
250	Big Boy	2002	YB10L-A2		
250	DR250	2001	YTZ7S	YTX5L-BS	
250	DR250S	1987	YB4L-B		
250	DR250S	1990-1992	YTX4L-BS		
250	DR250S (Europe)	1990-1995	YTX7L-BS		
250	DR250S EP/ER/ES	1993-1995	YTX7L-BS		
250	DR-Z250	2001-2007	YTZ7S		
250	Glass Tracker	2002	YB10L-A2		
250	Glass Tracker Big Boy	2004-on	YTX7L-BS		
250	GN250/E	1982-1998	YB10L-A2		
250	GNX250/E	1985-1992	YB10L-A2		
250	GS250T	1980-1981	YB10L-A2		
250	GSF250	1995	YTX7A-BS		
250	GSX250/ES/EZ	1982-1992	YB12B-B2		
250	GSX250/ET	1980-1981	YB10L-A2		
250	GW250	2013-2016	YTX9-BS		
250	GW250F Inazuma	2015	YTX9-BS		
250	GSX250F/S	1991-1995	YTX7A-BS		
250	GT250/E Hustler	1973-1977	YB5L-B	12N5-3B	
250	GT250ET	1994	YB10L-A2		
250	GZ250	1999-2012	YTX7L-BS		
250	GZ250 Marauder	1999-2003	YTX7L-BS		
250	Model T20	1969	YB5L-B	12N5-3B	
250	RG250C/E/FC	1992	12N5-3B		
250	RGV250	1989-1993	YTX4L-BS	YT4L-BS	
250	Scrambler TC250	1969	YB5L-B	12N5-3B	
250	SP250	1982-1985	6N4B-2A		
250	SP250	1992	YB4L-B		
250	ST250/E type		YTX7L-BS		
250	T250/-II/J/R	1972	YB5L-B	12N5-3B	
250	TS250	1992	6N4B-2A		
250	TS250 Savage	1969-1972	6N2-2A-4		
250	TS250 Savage	1973-1981	6N4B-2A		
250	TS250X	1994	YB4L-B		
250	TU250G		YTX7L-BS		
250	TU250X	1995-1999	YB10L-A2		
250	TU250X	2009-2016	YTX7L-BS		
250	VL250	2002	YTX7L-BS		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
250	Volty	2002	YB10L-A2		
300	GS300L	1982-1985	YB12B-B2		
305	Scramble TC305	1969	YB5L-B	12N5-3B	
305	T305	1969	YB5L-B	12N5-3B	
350	DR350S	1990-1996	YTX4L-BS		
350	DR350S/SH	1990-1993	YTX4L-BS	YT4L-BS	
350	DR350SE	1994-1999	YTX7L-BS		
350	T350 Series	1979	YB5L-B	12N5-3B	
370	SP370	1978-1979	6N4B-2A		
380	GT380 Sebring	1972-1977	YB7-A	12N7-4A	
400	AN400 Burgman	1999-2002	YTX9-BS		
400	AN400 Burgman	2003-2008	YT12A-BS		
400	Boulevard 400	2006-on	YTX12-BS		
400	DR400S	1992	6N4B-2A		
400	DR-Z400/E/S/SM	2000-2016	YT7B-BS		
400	Gladius 400 ABS	2009-on	YT12A-BS		
400	GN400/L/TD	1980-1992	6N4B-2A-3		
400	GN400T/X	1980-1992	6N4B-2A-3		
400	GS400 B/N	1977-1979	YB10L-A2		
400	GS400/E	1991	YTX9-BS		
400	GS400X	1991-1995	YTX9-BS		
400	GSF400 Bandit	1991-1993	YTX9-BS		
400	GSF400 M		YTX9-BS		
400	GSR400	2006-2007	YT12A-BS		
400	GSR400 ABS	2007-on	YTX9-BS		
400	GSX400		YTX9-BS		
400	GSX400 EZ	1982	YB12B-B2		
400	GSX400 X	1987	YB10L-B2		
400	GSX400E/FE/FX/L/T/S	1980-1981	YB10L-A2		
400	GSX400E/ES/T/S	1983-1992	YB12B-B2		
400	GSX400FS Inazuma	2002	YTX7A-BS		
400	GSX400T/S/ES	1982-1993	YB10L-A2		
400	GSX-R400R/RF	1991-1995	YTX9-BS		
400	Intruder Classic 400	2008-on	YTX12-BS		
400	SP400	1980-1992	6N4B-2A		
400	SV400S	2002	YTX9-BS		
400	TS400 Apache	1976-1977	6N4B-2A		
400	TS400 Apache (Electric-Starter)	1972-1975	YB5L-B	12N5-3B	
400	TS400T	1992	YB10L-A2		
400	VL400		YTX12-BS		
400	VZ400	2002	YTX7A-BS		
425	GS425/E/L	1979	YB10L-A2		
450	GS450/E	1980-1982	YB10L-A2		
450	GS450/E	1983-1988	YB12B-B2		
450	GS450GA	1982-1983	YB12B-B2		



ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
450	GS450L	1980-1982	YB10L-A2		
450	GS450L	1983-1986	YB12B-B2		
450	GS450S	1988	YB12B-B2		
450	GS450T/TU	1981-1982	YB10L-A2		
450	GS450TX	1982	YB10L-A2		
450	GS450TX	1983	YB12B-B2		
500	DR500/S	1981-1983	6N4B-2A-3		
500	DR500S	1992	YB4L-B		
500	GS500	2001-2007	YB10L-A2		
500	GS500F	2001-2007	YB10L-B2		
500	GS500E	1989-2004	YB10L-A2		
500	GS500E/EU	1989-2000	YB10L-B2		
500	GS500EN		YB10L-A2		
500	GS500F	2004-on	YB10L-A2		
500	GT500 Titan	1976-1977	YB7-A	12N7-4A	
500	GT500B	1992	YB10L-A2		
500	RG500 Gamma	1994	YTX5L-BS	YT5L-BS	
500	SP500	1981-1983	6N4B-2A		
500	SP500	1992	YB4L-B		
500	T500 Titan	1968-1992	YB7-A	12N7-4A	
550	GS550/D/E/EG/L/M/T	1977-1982	YB10L-A2		
550	GS550E/ES/L	1983-1986	YB10L-B		
550	GSX550	1994	YB10L-B		
550	GSX550E/L/ES/EF/EV	1992	YB10L-B		
550	GT550J/K/L/M	1992	YB10L-A2		
600	DR600R/RU/S/SU	1985-1989	12N5-3B		
600	GSF600/S/SU/U/U II	1995-on	YTX9-BS		
600	GSF600S Bandit	1996-2003	YTX9-BS		
600	GSR600	2003	YTX9-BS		
600	GSX600F Katana	1988-1997	YB10L-B2		
600	GSX600F Katana	1998-2006	YTX9-BS		
600	GSX-R600	1997-2016	YTX9-BS		
600	GSX-R600	2011-on	YTX9-BS		
600	GSX-R600W	1992-1993	YTX9-BS		
600	RF600R/RU/S	1993-1997	YTX9-BS		
600	SP600	1985	YB5L-B	12N5-3B	
600	SP6600	1985	12N5-3B		
600	VS600GLF	1995-1997	YB16B-A		
600	VS600GLS		YTX9-BS		
650	AN650 Burgman	2003-2009	GYZ16H	YTX14-BS	
650	DL650 V-Strom ABS/Adventure	2004-2013	YTX12-BS		
650	DR650R/RU	1990-1991	YB5L-B		
650	DR650R/RU	1992-1994	YTX4L-BS	YT4L-BS	
650	DR650RE/REU	1994-1995	YTX12-BS		
650	DR650RS/RSU	1990-1991	YB5L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
650	DR650RSE/RSEU	1991-on	GYZ16H	YTX14-BS	
650	DR650S	1990-1991	YB5L-B	12N5-3B	
650	DR650S ER/ES	1994-1995	YTX12-BS		
650	DR650S N/P	1992-1993	YTX4L-BS		
650	DR650SE	1996-1997	YB10L-B2		
650	DR650SE	1998-2014	YTX9-BS		
650	DR650SE (CN)	1996-1997	YTX9-BS		
650	DR650SE/SEU	1991-2004	YTX9-BS		
650	DR650SES	1995-on	YTX12-BS		
650	GR650 Tempter/X	1983	YTX14AHL-BS	YB14L-A2	
650	GS650/E/G/GLX/GTZ	1981-1983	YTX14AHL-BS	YB14L-A2	
650	GS650EX	1983-1992	YB10L-A2		
650	GSF650U		YTX9-BS		
650	GSX650F	2008-2011	YTX9-BS		
650	LS650/F/P Savage	1986-2001	YB14L-B2		
650	LS650/F/P Savage	2003	YB14L-B2		
650	LS650 Savage/S40	1986-2013	YTX14AHL-BS	YB14L-B2	
650	SV650	1999-2002	YT12A-BS		
650	SV650/A/SA	2003-2010	YT12A-BS		
650	SV650/S	1983-2013	YTX12-BS		
650	SFV650 Gladius	2009-2014	YT12A-BS		
650	XF650 Freewind	2002	YTX9-BS		
650	XN85 Turbo	1983-1992	YTX14AHL-BS	YB14L-A2	
700	GS700E/ES	1985	YTX14AHL-BS	YB14L-A2	
700	GV700GL Madura	1985	YTX14AHL-BS	YB14L-B2	
750	DR750S/SU Big	1988-1989	YB14L-B2		
750	GS750/D/E/ES/L/S/T/Katana	1977-1983	YTX14AHL-BS	YB14L-A2	
750	GSX750/E/EF/ES/L	1980-1986	YB14L-A2		
750	GSX750EG Silver Suzi	1980	YB14L-A2		
750	GSX750F Katana	1989-1997	YTX14AHL-BS	YB14L-B2	
750	GSX750F Katana	1998-2006	YTX9-BS		
750	GSX750P		YTX12-BS		
750	GSX750S Katana	1982	YB14L-A2		
750	GSX-R750	1986-1992	YTX14AHL-BS	YB14L-A2	
750	GSX-R750	1996-1999	YTX9-BS		
750	GSX-R750	2000-2016	YT12A-BS		
750	GSX-R750/W	1992-1993	YTX12-BS		
750	GSX-R750/W	1994-1995	YTX9-BS		
750	GSX-S750	2015-2016	YT12A-BS		
750	GT750 Le Mans	1972-1977	YTX14AHL-BS	YB14L-A2	
800	Boulevard C50/T	2001-2014	YTX12-BS		
800	DR800S/SU Big	1990-1997	GYZ16H	YTX14-BS	
800	DR800ST	1992	YB14L-B2		
800	M50	2001-2014	YTX12-BS		
800	VL800 Intruder Volusia	2001-2014	YTX12-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
800	VS800 GL/S Intruder, Boulevard S50	1992-2012	YB16B-A1		
800	VX800	1990-1993	YB16B-A		
800	VZ800 Marauder	1997-2008	YTX12-BS		
850	GS850G/GL/GT/GZ	1979-1983	YTX14AHL-BS	YB14L-A2	
850	X1-E	1992	6N4-2A		
900	RF900/R/RR/S/ZS	1994-1997	YTX9-BS		
1000	DL1000	2002	GYZ16H	YTX14-BS	
1000	DL1000 V-Strom	2002-2013	GYZ16H	YTX14-BS	
1000	GS1000/E/G/GL/H/L/S	1978-1982	YTX14AHL-BS	YB14L-A2	
1000	GSX-R1000	2001-2004	YTX12-BS		
1000	GSX-R1000	2005-2016	YT12A-BS		
1000	GSX-R1000 ABS	2014-on	YT12A-BS		
1000	SV1000/S	2003-2007	GYZ16H	YTX14-BS	
1000	TL1000R	1998-2003	YT12A-BS		
1000	TL1000S	1997-2001	YTX12-BS		
1100	GS1100G	1991-1995	GYZ16H	YTX14-BS	
1100	GS1100G/K/L/Katana	1982-1986	YTX14AHL-BS	YB14L-A2	
1100	GSX1100F Katana	1988-1994	YTX14AHL-BS	YB14L-B2	
1100	GSX1100G	1991-1993	GYZ16H	YTX14-BS	
1100	GSX1100SZ	1982	YB14L-A2		
1100	GSX-R1100	1986-1992	YTX14AHL-BS	YB14L-A2	
1100	GSX-R1100	1993-1998	YTX12-BS		
1100	GSX-R1100W	1993-1999	YTX12-BS		
1100	TL1000R/S	1998-2003	YT12A-BS		
1100	TL1000S V	1997-2001	YTX12-BS		
1150	GS1150E/ES/S	1983-1986	YB14L-B2		
1200	Bandit 1200S		YTX12-BS		
1200	GS1200SS	2002	YTX12-BS		
1200	GSF1200/S/SA Bandit	1997-2006	YTX12-BS	YT12A-BS	
1200	GSX1200	1999-2000	YTX12-BS		
1200	GV1200GL Marauder	1985-1986	YTX14AHL-BS	YB14L-B2	
1250	GSF1250/S		YT12A-BS		
1250	GSF1250 A Bandit	2007-2008	YT12A-BS		
1250	GFS1250-FA	2011-on	YT12A-BS		
1250	GSX1250S/A Bandit/FA	2007-2013	YT12A-BS		
1300	Bandit 1250S ABS	2014-on	YT12A-BS		
1300	GSX1300BK B-King	2008-2011	YTX12-BS		
1300	GSX1300R Hayabusa	1999-2007	YT12A-BS		
1300	GSX1300R/Z Hayabusa	2008-2016	YTX12-BS		
1400	GSX1400	2002	GYZ16H	YTX14-BS	
1400	VS1400GL Intruder/GLP/S83	1987-2008	YTX16-BS-1		
1400	VS1400GLF/GLP	1988-2003	YTX16-BS-1		
1500	VL1500 Intruder, C90/T	1998-2011	YTX16-BS-1		
1500	VL1500 Boulevard, C90	2014-2016	YTX20CH-BS		
1500	VZ1500 Boulevard, M90	2009-2016	YTX20CH-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
1600	Marauder, Boulevard, M95	2004-2005	YTX20CH-BS	YTX16-BS	
1800	C109R	2008-2012	YTX20CH-BS		
1800	VLR1800		YTX20CH-BS		
1800	VZR1800, M109R	2006-2016	YTX20CH-BS		
TGB/WINKING					
50	50 Akros	1997	YTX4L-BS	YT4L-BS	
50	50 Ergon	1997	YTX4L-BS	YT4L-BS	
50	AS25 Bunny	1996	YB4L-B		
50	AS50 X Bunny	1994-1995	YB4L-B		
50	AS50 X Kurier	1995	YB4L-B		
50	AT50 Bunny	1993	YB4L-B		
50	AT50 Bunny Gespann	1993-1994	YB4L-B		
TRIUMPH					
120	Bonneville		12N7-3B		
150	T150		12N7-4A		
150	Trident		12N7-3B		
173	Tigress		6N11A-1B		
200	Tiger		6N11A-1B		
250	T250		12N7-4A		
250	Tigress (12V)		6N11A-1B (x2 pcs.)		
250	Tigress (6V)		6N11A-1B		
350	350 (6V)		6N11A-1B		
350	350 3TA, Twenty One		B38-6A		
500	5TA, TR5A/R		6N11A-1B		
600	6T, T20B		6N11A-1B		
600	Daytona 600/650, Speed Four	2003-2005	YTX9-BS		
600	TT600	2000-2003	YTX12-BS		
650	6T, T20B		6N11A-1B		
650	T120 Bonneville		YB7L-B		
675	Daytona 675	2006-2007	YT7B-BS		
675	Daytona 675	2008-on	YTX9-BS		
675	Street Triple	2007-on	YTX9-BS		
675	Street Triple R	2008-on	YTX9-BS		
750	Bonneville, Tiger		YB9-B	12N9-4B-1	
750	Daytona/Trident	1993-2000	YB14L-A2		
750	Speed Triple	1997	YB14L-A2		
750	T150 Trident		YB7L-B		
750	T750		12N7-4A		
750	All Other Models	1993-1997	YTX14AHL-BS		
800	Bonneville	2001-2005	YTX12-BS		
800	Speedmaster	2003-2005	YTX12-BS		
800	Tiger	2012	YTX16-BS		
800	Tiger XR	2015	GYZ20HL	GYZ20L	YTX20HL-BS
865	America	2009-on	YTX12-BS		
865	Bonneville T100, SE	2005-2007	YTX12-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
TRIUMPH CONTINUED					
865	Bonneville T100, SE, FI	2008-2010	YT12B-BS		
865	Bonneville T100, SE, FI	2011-on	YTX12-BS		
865	Scrambler	2005-2007	YTX12-BS		
865	Scrambler	2008-2010	YT12B-BS		
865	Scrambler	2011-on	YTX12-BS		
865	Speedmaster	2009-on	YTX12-BS		
865	Thruxton	2009-on	YTX12-BS		
885	Legend TT	1999-2002	YB14L-A2		
885	T509 Speed Triple		YB14L-A2		
885	Thunderbird Sport		GYZ16H	YTX14-BS	
885	Tiger	1998	YB14L-A2		
885	Tiger	1999-2001	GYZ16H	YTX14-BS	
885	Trophy		YB14L-A2		
900	Adventurer	1996-2002	YB14L-A2		
900	Daytona	1993-1999	YB14L-A2		
900	Legend TT	1998-on	YB14L-A2		
900	Scrambler, Bonneville	2006-2007	YTX12-BS		
900	Speed Triple	1994-2000	YB14L-A2		
900	Sport Sprint	1998	YB14L-A2		
900	Sprint	1992-1999	YB14L-A2		
900	Super III	1994-1999	YB14L-A2		
900	T509 Speed Triple	1997-2001	YB14L-A2		
900	T90		6N11A-1B		
900	Thruxton	2003-2007	YTX12-BS		
900	Thunderbird	1995-2002	YB14L-A2		
900	Thunderbird	2002-2003	YTX14AHL-BS		
900	Tiger	1993-1998	YB14L-A2		
900	Tiger	1999-2001	GYZ16H	YTX14-BS	
900	Trident	1991-2000	YB14L-A2		
900	Trident Sprint	1993-1996	YB14L-A2		
900	Trophy	1991-1998	YB14L-A2		
900	All Other Models	1991-2001	YTX14AHL-BS		
955	Daytona 955i, Speed Triple, Sprint ST, RS	1999-2004	GYZ16H	YTX14-BS	
955	Sprint RS	2000-2004	GYZ16H	YTX14-BS	
955	T595 Daytona	1997-1998	YB14L-A2		
955	Tiger	2002-2006	GYZ16H	YTX14-BS	
955	All Other Models	1996-1997	YTX14AHL-BS		
956	Masterblaster	1996-1997	YB14L-A2		
1000	Daytona	1991-1993	YTX14AHL-BS	YB14L-A2	
1050	Speed Triple	2005-2010	YTX12-BS		
1050	Speed Triple	2011-2014	GYZ16H	YTX14-BS	
1050	Sprint GT	2011-2014	GYZ16H	YTX14-BS	
1050	Tiger	2007-2011	GYZ16H	YT12B-BS	
1050	Tiger Sport	2012-2014	GYZ16H	YTX14-BS	
1200	Daytona	1993-1999	YB14L-A2		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
TRIUMPH CONTINUED					
1200	Trophy	1991-1998	YB14L-A2		
1200	Trophy	2000-2004	GYZ16H	YTX14-BS	
1200	Trophy	2013-on	GYZ16H	YTX20L-BS	
1215	Trophy	2012-2014	GYZ16H	YTX20L-BS	
1215	Trophy SE	2012-2014	GYZ20HL	GYZ20L	YTX20HL-BS
1215	Tiger Explorer	2012-2014	GYZ20HL	GYZ20L	YTX20HL-BS
1215	VG2	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1215	VN2 Tiger Explorer	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1597	Thunderbird BF/L	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1597	Thunderbird BKX	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
1700	Thunderbird	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
2294	XJX Rocket III	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
2300	Rocket III	2003-on	GYZ20HL	GYZ20L	YTX20HL-BS
	All Other Models	1993-1999	YTX14AHL-BS		
VALPADANA					
850	Motori agricoli	1989	Y60-N24-A		
VELOCETTE					
1200	350, 500, Early Venson		B38-6A		
1200	Early Thruxton, Viper		B38-6A		
1200	LE, Voque (12V)		B38-6A (x 2pcs.)		
WUYANG-HONDA					
100	WH100T		YTX5L-BS		
125	WH125T		YTX9-BS		
125	WH125T-2		YTX7L-BS		
125	LEAD		YTX7L-BS		
XINDAZHOU HONDA					
50	REN50		YTX4L-BS		
50	SDH50QT 16		YB4L-B		
50	Today		YTX4L-BS		
125	SDH125		12N9-4B-1		
125	SDH125T-21,80		YTX7A-BS		
YAMAHA					
50	Aero X R, Max		YB4L-B		
50	Axis		YTX4L-BS		
50	BA50/S/N/C	2006-on	YTX4L-BS	YT4L-BS	
50	Beluga, Breeze		YB4L-B		
50	BWs Bump, Spy	1999	YB4L-B		
50	BWs Original	2000	YB4L-B		
50	BX50S		YTX5L-BS		
50	CE50 Riva Jog	1986-1987	YB4L-B		
50	CE50D		YTX5L-BS		
50	CE50S Riva	1986-1987	YB4L-B		
50	CG50/Riva	1988-1991	YB4L-B		
50	CR50/Z	1989-1993	YB4L-B		
50	CS50/Z	2005	YTX4L-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
50	CS50/M/Z	2009-on	YT4L-BS		
50	CV50/ZR	1984	YTX4L-BS		
50	CV50A/R/ZR	2004	YTX4L-BS		
50	CW50 Zuma	1989-1990	YB4L-B		
50	CW50 Zuma II	1997-2001	YB4L-B		
50	CW50/RS/RSX BWs	1991-1997	YB4L-B		
50	CW50L/LN/N/RS/RSP	2004-2009	YB4L-B		
50	CW50/N/RS/RSP	2009-on	YB4L-B		
50	CW50RSP NG	1996-1997	YB4L-B		
50	CY50 Riva Jog	1992-2001	YTX4L-BS		
50	CY50/B/D/E/G/R/Z	1989-1995	YTX4L-BS		
50	CY50R	2009-on	YT4L-BS		
50	DT50 Enduro	1988-1990	6N4B-2A-3		
50	DT50/M	1980-1981	6N4A-4D		
50	DT50MX	1982-1987	6N4B-2A-3		
50	DT50R	1989-1997	YB3L-A		
50	EW50	2005	YB4L-B		
50	EW50N	2005-on	YB4L-B		
50	FS1-DX	1975-1979	6N4A-4D		
50	Gear BX50/N/Parking Stand	2007-on	YTX5L-BS		
50	Jog 50Z		YT4B-BS		
50	JOG, ZR	2012	YTZ7S	YTX5L-BS	
50	LB-2M Chappy	1979	6N4-2A-4		
50	LB50P Chappy	1978-1982	6N4-2A-5		
50	LC50 Champ, LC50P Champ	1980-1981	6N4-2A-5		
50	MJ50 Towny	1982	6N4-2A-5		
50	Neo's	1998	YB4L-B		
50	NG		YB4L-B		
50	Original		YB4L-B		
50	QT50 Yamahopper	1979-1987	6N4-2A-5		
50	RD50/DX/M	1978-1981	6N4A-4D		
50	RD50M	1982	6N4B-2A-3		
50	RX50/Special	1983-1984	6N4-2A-5		
50	RZ50		YT4B-BS		
50	SH50 Riva Razz	1987-2001	YB4L-B		
50	SH50/E/D/M Riva	1987-1994	YB4L-B		
50	Slider	2000	YB4L-B		
50	Spy, STS, STSSS		YB4L-B		
50	TTR50E/EY/EV	2006-2009	YT4B-BS		
50	TY50M	1980	6N4A-4D		
50	TZR50	2009-on	YT4L-BS		
50	Vino	2014-on	YTX5L-BS		
50	V50D/N	1993	YT4B-BS		
50	VOX	2012	YTZ7S	YTX5L-BS	
50	Why	1999	YB4L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
50	XC50 Vino Classic	2006-2012	YTZ7S	YTX5L-BS	
50	XC50/D	2004	YTX5L-BS		
50	XF50	2007-2009	YTX5L-BS		
50	XF50W [C3]	2007-2012	YTZ7S	YTX5L-BS	
50	YA50R Axis	1996-on	YTX4L-BS	YT4L-BS	
50	YA50T	1993	YTX4L-BS	YT4L-BS	
50	YB-1, YB50		YT4B-BS		
50	YE50 Zest	1993-1997	YB4L-B		
50	YH50	2009-on	YB4L-B		
50	YL50		YTX4L-BS		
50	YM50 Breeze	1995-1996	YB4L-B		
50	YN50/M	2009-on	YB4L-B		
50	YN50F	2009-on	YB5L-B		
50	YQ50/L	2005-on	YB4L-B		
50	YSR50	1987-1992	6N4-2A-5		
50	YV50H	2006	YT4B-BS		
50	YW50A Zuma	2002-2012	YTZ7S	YTX5L-BS	
50	YZ50/D/ZS		YT4B-BS		
60	RD60	1973-1975	6N4A-4D		
65	CW65	1994	YB4L-B		
80	CV80 Riva	1983-1987	6N11-2D		
80	DT80 Mini Enduro	1981-1983	6N4-2A-5		
80	DT80LC/LC II	1983-1996	YB3L-B		
80	DT80MX/MXS	1981-1983	6N4-2A-5		
80	FS 1DX80	1980	6N4A-4D		
80	FS80SE	1981	6N4A-4D		
80	G6S/G6SB	1970-1971	6N4A-4D		
80	G7S	1972	6N4A-4D		
80	GT1 Mini Enduro	1973	6N4-2A-5		
80	GT80 Mini Enduro	1974-1980	6N4-2A-5		
80	LB80 Chappy	1976-1978	6N4-2A-5		
80	LB80-2A	1995	6N4-2A-5		
80	RD80LC	1982	6N4A-4D		
80	RD80LC II	1983-1986	YB3L-B		
80	RD80MX	1981-1982	6N4B-2A-3		
80	RX80SE	1982	6N4-2A-4		
80	SV80	1988-1990	12N7-3B		
80	TZR80/D	1991-on	YTX4L-BS	YT4L-BS	
80	YE80 Zesyt	1994-1996	YB4L-B		
80	YG1	1962-1966	6N4A-4D		
80	YG5T/S	1968-1969	YB7L-B	12N7-3B	
80	YSR80/B/D	1992	6N4-2A-5		
90	CR90	1991	YB4L-B		
90	HS1/B	1970-1971	12N5.5-3B		
90	HT1/B 90 Enduro	1970-1971	6N2-2A-3		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
90	T90D/N		YTX4L-BS		
90	TTR90E/EV (Electric Starter)	2003-2007	YT4B-BS		
90	YA90	1993-on	YTX4L-BS	YT4L-BS	
100	Aero X100	2000	YTX4L-BS		
100	AG100E/F	1993-on	6N4-2A-4		
100	BWs100	1999	YTX5L-BS		
100	DT100 Enduro	1974-1976	6N4B-2A-3		
100	DT100 Enduro	1977-1983	6N4-2A-5		
100	L5T/A	1969-1970	YB7L-B	12N7-3B	
100	LS2	1972	12N5.5A-3B		
100	LT2, LT3 100 Enduro	1972-1973	6N4A-4D		
100	Neo's 100	2000	YTX4L-BS		
100	RS100	1975-1976	6N4A-4D		
100	RS100/DX	1979-1981	6N4-2A-4		
100	RS100T	1995	6N4A-4D		
100	RXZ100S	1995	6N4A-4D		
100	TQ100	2001	YTX4L-BS	YT4L-BS	
100	V100	1993-1994	YB3L-B		
100	V100E	1993-1994	YB5L-B		
100	YB100	2007	YT7B-BS		
100	YFA-1 Breeze	1989-1995	YB12C-A		
100	YL2C/CM	1968	YB7L-B	12N7-3B	
100	YN100	2009-on	YT4L-BS		
100	YT100 (Taiwan)	1999	YTX5L-BS		
100	YW100EL	2009-on	YT4L-BS		
105	T105E/SE		12N5-3B		
110	T110S/SE/SEC/LSE		YB5L-B	12N5-3B	
110	TTR110EX/EY/EX		YT4B-BS		
110	V110/E	1993-1995	YB5L-B		
110	YBR110A		YB5L-B		
115	AF115		YTX4L-BS		
115	AL115/C/F		YB5L-B		
115	AL115/S/C	2007-on	YTX4L-BS		
115	AT115/C		YB7B-B		
115	RT115, RTX115	1993	6N4-2A-4		
115	T115LE/LSE	2009-on	YB5L-B		
125	125 Enduro	1969-1971	12N7-3B		
125	AS2C	1969	12N5.5-3B		
125	AT1E/ AT1B/ AT1C 125 Enduro	1969-1971	YB7L-B	12N7-3B	
125	AT2, AT3 125 Enduro	1972-1973	YB7L-B	12N7-3B	
125	BL125 Beluga	1985	YB7C-A		
125	DT125	1974	6N6-3B-1		
125	DT125 Enduro	1974-1981	YB7L-B	12N7-3B	
125	DT125LC	1984-1987	YB3L-B		
125	DT125R E	1988-1996	YB3L-B		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
125	Maxster 125	2000-on	YB7L-B		
125	NXC125	2004-on	YTX7A-BS		
125	RD125	1975-1976	12N5.5A-3B		
125	RD125LC	1982	YB5L-B		
125	RS125		YB10L-B		
125	RX125	1995	6N4B-2A		
125	SR125/T	1993-1995	12N7-3B		
125	SV125	1990	12N14-3A		
125	TDR125/R	1993-on	YTX5L-BS		
125	Tricity	2014-on	YB7L-B		
125	TTR125E/LWE	2009-on	YT4L-BS		
125	TTR125E/-S/LE/LES/LWE	2003-2007	YTX4L-BS		
125	TW125	1999-2001	YB7C-A		
125	TW125	2004	YTZ7S		
125	WR125R/X	2009-on	YB5L-B		
125	VP125/R	2009-on	YTX9-BS		
125	XC125/CR	2007-2009	YT7B-BS		
125	XC125 Beluga	1986-1992	YB7C-A		
125	XC125 Cygus-X	2004-on	YTX7A-BS		
125	XC125 Riva	1987-2001	YB7C-A		
125	XC125 TR Cygnus R	2000	YB7C-A		
125	XC125E		YTX7A-BS		
125	XC125R/T/TR Cygnus	1993-on	YTX7A-BS		
125	XC125TRB	2007	YTX7A-BS		
125	XT125	1982-1983	6N4A-4D		
125	XTZ125E/K/XE/XK		YB5L-B		
125	XV125	1997-on	YB10L-A2		
125	XV125S Virago	1999	YB5L-B		
125	XVS125	2000	YB7L-B		
125	XVS125	2001-2004	YTZ7S		
125	YA6	1964-1966	YB10L-B		
125	YAS1/C	1968	12N5.5A-3B		
125	YBR125DX	2009-on	YB5L-B		
125	YB125E/C/CE		YB5L-B		
125	YBR125ED	2007-2009	YTX7L-BS		
125	YBR125EG/EGD	2005	YB5L-B		
125	YJ125T Vino 125	2004-2007	YTX7A-BS		
125	YP125R Majesty	1999-on	YTX9-BS		
125	YP125/E	2009	YTX9-BS		
125	YZFR125	2009-2013	12N5.5-3B		
125	V-ixion	2013-on	YT7B-BS		
125	Zuma 125	2009-2012	YT7B-BS		
135	AT135 Cast		YTX4L-BS		
135	JT135/FI	2007	YTX4L-BS		
135	T135SE/SEC/HC		YB5L-B	12N5-3B	



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
135	T135FI	2009-on	YTX4L-BS		
150	FZ150		YTX4L-BS		
150	RX150	1995	YB3L-B		
150	SR150	1993-1995	YB7-A		
150	XC150 Fly One R	1998	YTX7A-BS		
150	YP150/E	2009-on	YB7L-B		
175	CT1/B/C 175 Enduro	1969-1971	YTX4L-BS		
175	CT2/3 175 Enduro	1972-1973	6N4A-4D		
175	DT175	2007-on	6N6-3B-1		
175	DT175 Enduro	1974-1976	6N4B-2A-3		
175	DT175 Enduro	1978-1981	6N6-3B-1		
180	RT180G	1995	6N6-3B-1		
180	XC180 Cygnus	1993	YB10L-A2		
180	YP180E	2009-on	YB10L-B		
185	SR185/Exciter	1981-1982	YB7L-B		
200	AG200E/F/G	1993-on	6N4B-2A-3		
200	AG200FE		YTZ7S		
200	BW200	1986-1988	YB7C-A		
200	CS3B/C	1970-1971	YB9L-A2		
200	CS5	1972	YB9L-A2		
200	DT200RE	1993	YB3L-B		
200	RD200	1974-1976	YB9L-A2		
200	RD200/DX	1975-1979	12N9-4B-1		
200	SDR200		YB3L-B		
200	TW200 Trailway	1987-2012	YB7C-A		
200	TW200EV/V	1987-on	YB7C-A		
200	TW200W1/C/E	2007-on	YB7C-A		
200	XC200/Z Riva	1987-1991	YB10L-B2		
200	XT200	1982-1983	6N4A-4D		
200	YCS1	1968	YB9L-A2		
225	TTR225	1999-2005	YB7B-B		
225	TW225E		YB7C-A		
225	XT225	2001-2007	YTZ7S		
225	XT225 Serow	1992-2000	YTX7L-BS		
225	XT225/E/EC/F/FG/G/GC	1993-on	YTX7L-BS		
225	XT225V	2001-2003	YTZ7S		
230	TTR230/T/V	2005-on	YTX5L-BS		
230	TTR230E	2006-2007	YTZ7S	YTX5L-BS	
250	CP250/V	2005-on	YTZ10S		
250	DS6B/C	1969-1970	YB5L-B	12N5-3B	
250	DT1B/DT1C/DT1E 250 Enduro	1969-1971	12N5.5A-3B		
250	DT2 250 Enduro	1972	6N4-2A-5		
250	DT250 Enduro	1974-1976	6N4B-2A-3		
250	DT250 Enduro	1977-1979	6N6-3B-1		
250	DT250MX	1977-1981	6N6-3B-1		



Y

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
250	DT3 250 Enduro	1973	6N4-2A-5		
250	Maxam	2012	YTZ10S		
250	Morphous	2006-2007	YTZ10S		
250	R250	2014-on	YTZ8V		
250	RD250/S	1973-1979	12N5.5A-3B		
250	RD250LC	1980-1982	12N5.5-3B		
250	SEROW250	2005-on	YTZ7S		
250	SR250/E/ES/Exciter	1980-1982	YB12A-A	12N12A-4A-1	
250	SRV250/G	1993-on	YTX7A-BS		
250	SRX250	1987	YB12A-A	12N12A-4A-1	
250	TDR250	1988-1990	YB5L-B		
250	TT250/RV	1999-on	YT7B-BS		
250	TTR250/V	1999-2006	YT7B-BS		
250	TZR250	1989-1990	YB5L-B		
250	VP250	2007-on	YTX9-BS		
250	WR250R/RV/RVC/X/XY/XYC	2008-2012	YTZ7S		
250	WR250R	2014-on	YTZ7S		
250	WR250F/S	2003-2009	YTZ7S	YTX5L-BS	
250	WR250FR	2007	YTZ7S		
250	XG250	2004-on	YTZ7S		
250	XMAX		YTX9-BS		
250	XS250	1977-1980	YB12A-A		
250	XT250	1980-1983	6N6-3B-1		
250	XT250	1984	YB3L-B		
250	XT250/X	2008-2012	YTZ7S		
250	XT250V	2006	YTX7L-BS		
250	XTZ250	2007-on	YTX7L-BS		
250	XV250	2007	YB10L-A2		
250	XV250YCR V Star 250	2009-2013	YB10L-A2		
250	XV250 Route 66	1988-1990	YB10L-A2		
250	XV250/H Virago	1995-2003	YB10L-A2		
250	XV250/N/L/S Virago	1989-1998	YB10L-A2		
250	XVS250/S	2004-on	YTZ7S		
250	YBR250	2007-on	YTX7L-BS		
250	YP250	2007-on	YTZ10S		
250	YP250R/A		YTX9-BS		
250	YP250 DX/ABS Majesty	1996-2003	YT7B-BS		
250	YP250 Majesty	2000	YT7B-BS		
250	YP250/L/C/G	2004-on	YT9B-BS		
250	YP250/R/RA	2007-on	YTX9-BS		
250	YS250	2006-on	YTX7L-BS		
250	YZ250FX	2015-on	YTZ7S		
300	VP300	2004-on	YTX9-BS		
350	BW350, Big Wheel	1987-1988	YB12B-B2		
350	BW350E	1986-1988	YB7C-A		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
350	R3	1969	YB5L-B	12N5-3B	
350	R5/B/C	1970-1972	12N5.5A-3B		
350	RD350	1973-1975	12N5.5A-3B		
350	RD350LC/LCF	1980-1984	12N5.5-3B		
350	RD350LC/LCF	1985	YB5L-B		
350	RD350LC-FH/FN/H/N	1986-1990	YB5L-B		
350	RZ350	1984-1985	12N5.5-3B		
350	TT350E/F	1993-1994	6N2-2A		
350	XT350/H/N	1985-2000	YB3L-B		
350	YR2/C	1968	12N5.5-3B		
360	RT1/B, 360 Enduro	1970-1971	6N4B-2A-3		
360	RT2/3, 360 Enduro	1972-1973	6N4-2A-5		
360	XS360	1976-1978	YB12A-A	12N12A-4A-1	
360	XS360-2	1977	YB7L-B	12N7-3B	
400	Classic/400		YT12B-BS		
400	DragStar VS, XVS400		YT12B-BS		
400	DragStar XVS400 (EBL-VH02J/H602E)	2010	YTZ10S		
400	DT400 Enduro	1975-1976	6N4B-2A-3		
400	DT400 Enduro	1977-1978	6N6-3B-1		
400	FZR400 (All)	1988-1990	YB12AL-A2		
400	FZR400RR/RRSP	1992-on	YTX9-BS		
400	RD400/S	1976-1979	12N5.5A-3B		
400	SR400 (FI)	2010-2012	YT4B-BS		
400	XJR400R	2004-on	YTX9-BS		
400	XS400 (All)	1977-1983	YB12A-A	12N12A-4A-1	
400	XV400	1995	YB12AL-A2		
400	XVS400/C	2004	YT12B-BS		
400	YP400/A/G/Majesty	2004-2012	YT9B-BS		
450	WR450F/S	2003-2009	YTZ7S		
450	WR450F	2014-on	YTZ7S		
500	FXR500	1993	YB12AL-A2		
500	RD500LC	1984-1985	12N5.5-3B		
500	SR500	1978-1981	YB7L-B	12N7-3B	
500	SR500	1998-on	YT4B-BS		
500	SR500SP	1978-on	12N7-3B		
500	TMAX	2001-2010	YT9B-BS		
500	TMAX	2011-on	YTZ10S		
500	TX500	1973-1974	YTX14AHL-BS	YB14L-A2	12N14-3A
500	XP500 T-Max	2009-2012	YTZ10S		
500	XP500/A/W (T-Max)	2001-2008	YT9B-BS		
500	XP500/A/Y	2008-2009	YTZ10S		
500	XS500/E	1975-1978	YTX14AHL-BS	YB14L-A2	12N14-3A
500	XT500	1983-1985	6N6-3B-1		
500	XT500	1986-1989	YB3L-B		
500	XT500E	1993-on	YTX9-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
500	XV500 Virago	1983	YB12A-A	12N12A-4A-1	
530	TMAX	2011-on	YTZ12S		
535	XV535 DX Virago	1987-1999	YB12AL-A2		
535	XV535/H/N/S/SE Virago	1987-1999	YB12AL-A2		
550	XJ550 Maxim/R Seca	1981-1983	YB12A-A	12N12A-4A-1	
550	XT550	1982-1983	YB5L-B	12N5-3B	
550	XZ550R Virago	1982-1983	YB14L-A2		
550	XZ550R Vision	1982-1983	YTX14AHL-BS	YB14L-A2	
600	FJ600	1984-1985	YB12A-A	12N12A-4A-1	
600	FZ600	1986-1988	YB12A-A	12N12A-4A-1	
600	FZ6 [All Models]	2005-2012	YT12B-BS		
600	FZR600	1989-on	YB12AL-A2		
600	FZR600E/RE/REC	1993-on	YB12AL-A2		
600	FZR600R	1989-1993	YB12AL-A2		
600	FZR600R	1994-1995	YTX12-BS		
600	FZS600/S/Fazer	1998-2003	YT12B-BS		
600	SRX600/H/N	1986-1990	YB5L-B	12N5-3B	
600	TT600E	1994	YTX9-BS		
600	TT600RE	2004	YT9B-BS		
600	TT600S	1993	YTX4L-BS		
600	TT600W	1986-1992	YT4L-BS		
600	XJ6, Deversion (EU)	2012	YT12B-BS		
600	XJ6N/NA/S/SA/SY	2009-on	YT12B-BS		
600	XJ600/H/N	1984-1991	YB12A-A		
600	XJ600N	1994-1999	YTX9-BS		
600	XJ600S	2009-on	YT12B-BS		
600	XJ600S Diversion	1992-2002	YTX9-BS		
600	XJ600S Seca II	1992-1998	YTX9-BS		
600	XT600	1984-1989	YB5L-B		
600	XT600E/EH/EN/H/N/Z	1984-1987	YB5L-B		
600	XT600E/EH/EN	1990-1995	YTX9-BS		
600	XT600KH	1991-1995	YTX4L-BS	YT4L-BS	
600	XT600Z	1983-1984	YB12AL-A2		
600	YX600 Radian	1986-1990	YB12A-A	12N12A-4A-1	
600	YZF600FGC/RG/RW	1995-on	YTX12-BS		
600	YZF600R, Thunder Cat	1995-2007	YTX12-BS		
600	YZF-R6	1999-2000	YTZ10S	YT12B-BS	
600	YZF-R6 (Excl. R6S)	2006-2012	YTZ10S		
600	YZF-R6/S	2001-2007	YT9B-BS		
600	YZF-R6/S/SC/SV/Y	2001-2005	YT9B-BS		
650	TX650	1973	YB12A-A	12N12A-4A-1	
650	TX650	1974	YTX14AHL-BS	YB14L-A2	12N14-3A
650	X1	1970-1971	12N5.5-3B		
650	X2	1972	12N12A-4A-1		
650	XJ650 [All Models]	1980-1983	YB12A-A	12N12A-4A-1	



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
650	XS1	1970-1971	12N5.5-3B		
650	XS2	1972	YB12A-A	12N12A-4A-1	
650	XS650/-2/SE	1975-1983	YTX14AHL-BS	YB14L-A2	12N14-3A
650	XS650S Heritage Special	1978-1983	12N14-3A		
650	XVS650 V-Star (All)	1998-2013	YTX12-BS		
650	XVS650/W/WC	1997-on	YT12B-BS		
650	XVS650A Drag Star Cla.	1999-on	YT12B-BS		
650	XVS650AY/V/VC		YT12B-BS		
660	Burgman		GYZ16H	YTX14-BS	
660	MT03	2006-2012	YT9B-BS		
660	SZR660	1996-1998	YTX9-BS		
660	XT660X/R/Z/Tenere (EU)	2004-2012	YTZ10S		
660	XTZ660 Tenere	1991-1997	YTX9-BS		
700	FZ700, Fazer	1986-1987	YTX14AHL-BS	YB14L-A2	
700	FZX700 Fazer	1986-1987	YB14L-A2		
700	MT07	2014-on	YTZ10S		
700	XJ700X/Maxim	1985-1986	YTX14AHL-BS	YB14L-A2	
700	XJ700S/XS	1986	YB14L-A2		
700	XV700 Virago	1984-1987	YB16AL-A2		
700	XV700C	1986-1987	YB16AL-A2		
700	XV700SS	1986	YB16AL-A2		
750	FZ750, Genesis, FZR750	1985-1994	YTX14AHL-BS	YB14L-A2	
750	FZR750	1991-on	YTX9-BS		
750	FZR750RT Genesis	1988	YB14L-A2		
750	FZX750 Fazer	1987-1994	YB14L-A2		
750	TX750	1973-1974	GYZ20HL	GYZ20L	YTX20HL-BS
750	XJ750 Maxim/K/Seca	1982-1983	YB14L-A2		
750	XJ750M Midnight Maxim	1983	YTX14AHL-BS	YB14L-A2	
750	XJ750M Midnight Virago	1983	YB14L-A2		
750	XS750 (All)	1977-1980	YTX14AHL-BS	YB14L-A2	12N14-3A
750	XTZ750, H, N Sup. Tenere	1989-1997	YB14L-A2		
750	XV750 Virago (All)	1981-1997	YB16AL-A2		
750	YZF750R, SP	1993-1997	YTX12-BS		
750	YZF-R7, OW02	1999	YT9B-BS		
800	FZ8	2011-2012	YTZ10S		
850	MT09	2014-on	YTZ10S		
850	TDM850, N	1991-1995	YTX12-BS		
850	TRX850	1996-1999	YTX12-BS		
850	XS850 (All)	1980-1981	YTX14AHL-BS	YB14L-A2	
900	TDM900/A	2004-2012	YT12B-BS		
900	XJ900/F	1983-1991	YB14L-A2		
900	XJ900P		GYZ16H	YTX14-BS	
900	XJ900R Seca	1983-1992	YTX14AHL-BS	YB14L-A2	
900	XJ900S Diversion	1995-2002	GYZ16H	YTX14-BS	
920	XV920 Virago	1982	YTX24HL-BS		



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MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
920	XV920M Midnight Virago	1983	YTX24HL-BS	Y50-N18L-A-CX	
920	XV920R Virago	1981-1983	YTX24HL-BS	Y50-N18L-A-CX	
950	Bolt	2013-on	YTZ14S		
950	XVS950A	2009-on	YTZ14S		
950	XVS95CTY, V Star 950, Tourer	2009-2013	YTZ14S		
1000	FZ1-N/S/SA	2006-on	YTZ14S		
1000	FZ1 Fazer	2010-on	YTZ14S		
1000	FZ1 Fazer GT	2011-on	YTZ14S		
1000	FZR1000	1987-1990	YTX14AHL-BS	YB14L-A2	
1000	FZR1000	1991-1995	GYZ16H	YTX14-BS	
1000	FZR1000 Exup	1989-1991	YB14L-A2		
1000	FZR1000 Exup	1992-1995	GYZ16H	YTX14-BS	
1000	FZR1000 Genesis	1987-1991	YB14L-A2		
1000	FZS1000/S/T/FZ1	2001-2005	YT14B-BS		
1000	FZS1000 FZ1	2006-2012	YTZ14S		
1000	GTS1000/A	1993-1997	GYZ16H	YTX14-BS	
1000	XV1000 Virago	1984-1985	Y50-N18L-A-CX		
1000	YTZF-R1/W/WC	2004-2012	YTZ10S		
1000	YZF1000R, Thunderace	1996-2001	GYZ16H	YTX14-BS	
1000	YZF-R1	1998-2003	YT12B-BS		
1000	YZF-R1/Y/YC	2004-2009	YTZ10S		
1000	YZF-R1 LEV/S	2006	YTZ10S		
1100	BT1100	2002-on	YT14B-BS		
1100	FJ1100	1984-1992	YTX14AHL-BS	YB14L-A2	12N14-3A
1100	XJ1100 Maxim	1982	YTX24HL-BS		
1100	XS1100 (All)	1978-1992	YTX24HL-BS	Y50-N18L-A-CX	
1100	XV1100 Virago	1986-1999	YTX24HL-BS	Y50-N18L-A-CX	
1100	XVS1100	1999-on	YT14B-BS		
1100	XVS1100 Drag Star	1999-2000	YT14B-BS		
1100	XVS1100 V-Star (All)	1999-2007	YT14B-BS		
1100	XVS1100A/W/WC	2001-on	YT14B-BS		
1100	YVX11AWY/AWYC/AY	2009-on	YT14B-BS		
1200	FJ1200	1986-1990	YTX14AHL-BS	YB14L-A2	
1200	FJ1200 (All)	1991-1993	GYZ16H	YTX14-BS	
1200	VMX1200 V MAX	1985-2007	YB16AL-A2		
1200	XJR1200/SP	1995-1998	GYZ16H	YTX14-BS	
1200	XT1200Z Super Tenere	2011-2012	YTZ12S		
1200	XVZ12 Venture/Royale	1983-1985	YTX24HL-BS		
1300	FJR1300/A/AP/AS/ASY/AW/AWC S/SC	2003-2013	YT14B-BS		
1300	XJR1300 (EU)	2007-2015	YTZ14S		
1300	XJR1300/SP	1999-on	YT14B-BS		
1300	XVS1300A/AY	2007-on	GYZ20HL	GYZ20L	YTX20HL-BS
1300	XVS13AY V Star 1300, Stryker	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
1300	XVZ13CT/CTS	1996-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1300	XVZ13 Royal Star/Venture (All)	1986-1993	GYZ20HL	GYZ20L	YTX20HL-BS



Y-Z

MOTORCYCLES AND SCOOTERS

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
1300	XVZ13 Venture/Royale	1999-on	YTX24HL-BS		
1300	XVZ1300 AT Tour Classic	1996-on	GYZ20HL	GYZ20L	YTX20HL-BS
1300	XVZ1300A Royal Star	2000-on	GYZ20HL	GYZ20L	YTX20HL-BS
1300	XVZ1300TF Royal Star	2000-on	GYZ20HL	GYZ20L	YTX20HL-BS
1600	XV1600 Road Star	1999-2003	GYZ20HL	GYZ20L	YTX20HL-BS
1600	XV1600A Wild Star	2000-on	GYZ20HL	GYZ20L	YTX20HL-BS
1700	MT-01 (EU)	2005-2012	YT14B-BS		
1700	XV1700A Road Star, Silverado	2004-2007	GYZ20HL	GYZ20L	YTX20HL-BS
1700	XV1700ATMV/AV/AVC		GYZ20HL	GYZ20L	YTX20HL-BS
1700	XV1700P Road Star Warrior	2002-2009	YT14B-BS		
1700	XV1700PC/CMV	2002-on	YT14B-BS		
1700	XV17AWY/AWYC/ATY/ATYC				
1700	VMAX	2009-on	YTZ14S		
1854	Roadliner, Raider, Stratoliner	2006-2013	YT14B-BS		
1854	XV19CSY/CSYC/CY/CYC	2009-on	YT14B-BS		
1900	XV1900/A/CT	2007-on	YT14B-BS		
1900	XV19SV/SVC/CTSV	2006	YT14B-BS		
	ATY, ASY, ASYC				
ZENGCHENGHAILI					
100	HJ100-3		YB5L-B		
100	HJ100T-A		YTX7A-BS		
100	HJ100T-E		YTX7A-BS		
125	HJ125		YB7-A		
125	HJ125-2/3/5/9/10/15/18		12N9-4B-1		
125	HJ125-7/6/6A		YB7-A		
125	HJ125T-3/8/B/D/2D		YTX7A-BS		
125	HJ125T		YB5L-B		
150	HJ150-9/10		12N9-4B-1		
150	HJ150ST		YTX9-BS		
250	HJ250		12N9-4B-1		
ZONGSHEN PIAGGIO					
50	FLY-50		YB9-B		
50	ZIP50/QT		YTX9-BS		
50	ZIP50		YB4L-B		
100	BYQ100T-ZE		YTX7A-BS		
100	ZS100-6		6N4-2A		
110	LZX110		YB5L-B		
125	BYQ125-2E		12N9-4B-1		
125	LZX125-2		12N7-3B		
125	LZX125-4		12N9-4B-1		
125	ZS125		12N7-4A		
125	ZS125-65		YTX7L-BS		
150	ZS150-15		YTX7A-BS		
ZUNDAPP					
850	K850 Super		YB9L-B		



A-B

ATV

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
AEON (BENZAI)					
50	Cobra, CX-Sport 50		YTX4L-BS		
90	Cobra, CX-Sport 90		YTX4L-BS		
100	Cobra, CX-Sport 100		YTX4L-BS		
ARCTIC CAT					
50	DVX50	2006-2010	YTZ7S	YTX5L-BS	
90	All Models	2006	YTX4L-BS		
90	DVX90	2006-2013	YTZ7S	YTX5L-BS	
150	150	2013	YTX9-BS		
250	All Models	2010	YTX12-BS		
250	DVX250 2x4	2006	YTX12-BS		
300	All Models		YTX14AHL-BS	YB14L-A2	
300	DVX300	2009-2013	YTX12-BS		
366	366	2008-2012	YB14-A2		
400	All Models		YTX14AH-BS	YB14-A2	
400	DVX400		YTX9-BS		
400	TRV400	2009	YB14-A2		
450	TRV, CORE	2011-2012	GYZ20H		
500	All Models		YTX14AH-BS	YB14-A2	
550	TRV550	2010-2013	GYZ20H		
650	4x4 Automatic	2004-2006	YTX14AH-BS	YB14-A2	
650	650H1, TBX650, Mudpro	2005 -2012	YTX14AH-BS	YB14-A2	
700	CORE, XT	2013	GYZ20H		
700	TRV, Mudpro, LTD, TBX, Diesel	2009-2013	GYZ20H		
700	700H1	2011	GYZ20H		
1000	Mudpro 1000H2/TRV/1000i GT/XT	2010-2013	GYZ20H		
1000	Thundercat	2010	GYZ20H		
BOMBARDIER					
	See BRP (Can-Am)				
BRP (Can-Am)					
50	DS50, Quest	2002-2006	YTX4L-BS		
70	DS70	2013	YTX4L-BS		
90	DS90/F, Quest	2002-2013	YTX4L-BS		
200	Rally	2002-2006	YTX14AH-BS	YB14A-A2	
250	DS250	2006-2013	YTX12-BS		
330	Outlander 330	2004-2005	YTX15L-BS		
400	Outlander 400	2003-2004	YTX15L-BS		
400	Outlander 400, XT, MAX	2004-2013	GYZ20HL	GYZ20L	YTX20HL-BS
450	DS450	2013	YT7B-BS		
500	Traxter (All Models), Quest	1999-2005	YTX20HL-BS-PW	YB16CL-B	
500	Traxter (All Models), Quest (Opt)	2002-2005	YTX24HL-BS	Y50-N18L-A-CX	
500	Outlander, MAX, Renegade	2013	GYZ20HL	GYZ20L	YTX20HL-BS
650	DS650	2000-2006	YTX15L-BS		
650	Quest	2002-2005	YTX20HL-BS-PW	YB16CL-B	
650	Quest (Opt)	2002-2005	YTX24HL-BS	Y50-N18L-A-CX	



B-H

ATV

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
BRP (Can-Am) CONTINUED					
650	Outlander, MAX	2013	GYZ20HL	GYZ20L	YTX20HL-BS
660	Outlander 660 EFI	2006	GYZ20HL	GYZ20L	YTX20HL-BS
800	Outlander 800 EFI, MAX, Renegade	2006-2013	GYZ20HL	GYZ20L	YTX20HL-BS
All	Outlander, Renegade	2009	GYZ20HL	GYZ20L	YTX20HL-BS
CANNONDALE					
	All Models	2001-2003	YTX9-BS		
E-TON					
50	All Models	2004-2005	YTZ7S	YTX5L-BS	
50	AXL, TXL, NXL, RXL	1999-2003	YTX4L-BS		
70	Viper 70	2013	YTZ7S	YTX5L-BS	
90	All Models	2004-2013	YTZ7S	YTX5L-BS	
90	AXL, TXL, NXL, RXL	1999-2003	YTX4L-BS		
90	DXL90 Sierra	1999-2003	YTX4L-BS		
150	CXL150 Yukon II	2000-2013	YTX9-BS		
150	Viper150R	2013	YTX9-BS		
150	YXL150 Yukon	2000-2003	YTX9-BS		
250	Vector250	2013	YTX12-BS		
HONDA					
90	TRX90X, EX	2006-2013	YTZ7S	YTX5L-BS	
125	ATC125M	1984-1985	YB9A-A		
125	ATC125M	1986-1987	YTX12-BS		
125	TRX125 Fourtrax	1985-1986	YB9A-A		
125	TRX125 Fourtrax	1987-1988	YTX9-BS		
200	ATC200 Big Red	1982-1984	YTX14AH-BS	YB14A-A2	
200	ATC200M	1984-1985	YTX14AH-BS	YB14A-A2	
200	TRX200 Fourtrax	1984	YTX14AH-BS	YB14A-A2	
200	TRX200 Fourtrax	1990-1996	YTX12-BS		
200	TRX200SX Fourtrax	1986-1988	YTX12-BS		
250	ATC250ES Big Red	1985-1987	YTX12-BS		
250	ATC250SX	1985-1987	YTX12-BS		
250	TRX250 EX/TE/TM	2001-2013	YTX9-BS		
250	TRX250 Fourtrax	1985-1987	YTX12-BS		
250	TRX250 Fourtrax Recon/ES	1997-2007	YTX12-BS		
250	TRX250 Recon/ES	1997-2003	YTX12-BS		
250	TR250TE/TM/FourtraxRecon	1997-2011	YTX12-BS		
250	TRX250X/EX	2001-2013	YTX9-BS		
300	TRX300 Fourtrax	1988-2000	GYZ16H	YTX14-BS	
300	TRX300X/EX	1993-2012	YTX9-BS		
300	TRX300FW Fourtrax 4x4	1988-2000	GYZ16H	YTX14-BS	
350	FL350R Odyssey	1985	YTX12-BS		
350	TRX350 Rancher	2000-2006	GYZ16H	YTX14-BS	
350	TRX350/D Fourtrax 4x4	1986-1989	GYZ16H	YTX14-BS	
400	FL400R Pilot	1989-1990	GYZ16H	YTX14-BS	
400	TRX400 Rancher AT	2004-2006	GYZ16H	YTX14-BS	



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ATV

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
HONDA CONTINUED					
400	TRX400X/EX/FourTrax/Sportrax	1999-2013	YTX9-BS		
400	TRX400FW Foreman	1995-2003	GYZ16H	YTX14-BS	
420	TRX420 Rancher 4x4	2013	GYZ16H	YTX14-BS	
450	TRX450 Fourtrax Foreman S/ES	1998-2004	GYZ16H	YTX14-BS	
450	TRX450R/ER	2006-2013	YTZ7S		
500	TRX500FA Fourtrax Rubicon	2001-2011	GYZ16H	YTX14-BS	
500	TRX500FE/FPE/FM/FPM	2005-2011	GYZ16H	YTX14-BS	
500	FourTrax Foreman ES, 4x4	2005-2009	GYZ16H	YTX14-BS	
650	TRX650 FourTrax Rincon (Std.)	2003-2005	GYZ16H	YTX14-BS	
650	[Optional cold starting]	2003-2004	GYZ20HL	GYZ20L	YTX20HL-BS
680	TRX680FA Four Trax Rincon	2006-2013	GYZ20HL	GYZ20L	YTX20HL-BS
700	MUV700 Big Red	2008-2013	GYZ16H	YTX14-BS	
700	TRX700XX	2008-2013	YTX9-BS		
HYOSUNG					
450	TE450S	2013	YTX9-BS		
JOHN DEERE					
	All Models		YTX20HL-BS-PW	YB16CL-B	
KASEA					
50	Mini Skyhawk		YTX4L-BS		
50	Skyhawk 50		YTZ7S	YTX4L-BS	
65	KS, KU Models		YTX7A-BS		
90	KS, KU Models		YTX7A-BS		
90	Skyhawk 90		YTZ7S	YTX7A-BS	
125	KS, KU Models, Adventure Buggy		YTX7A-BS		
150	Skyhawk 150, Adventure Buggy		YTX7A-BS		
170	Skyhawk 170		YTX7A-BS		
250	Skyhawk 250		YTX7A-BS		
KAWASAKI					
50	KFX50	2007-2013	YTZ7S	YTX5L-BS	
80	KSF80-A (KFX80)	2003-2005	YTZ7S	YTX5L-BS	
90	KFX90	2007-2013	YTZ7S	YTX5L-BS	
110	KLF110-B Mojave	1987-1988	YB9L-A2		
185	KLF185-A Bayou	1985-1988	YB10L-B		
200	KLT200-A/C	1981-1984	YB10L-B		
200	KLT200-B/C	1983	YB12A-A		
220	KLF220-A Bayou	1988-2002	YB10A-A2		
220	KLF220-A Bayou (CN)	1992-2002	YTX14AH-BS	YB14A-A2	
250	KLF250-A Bayou	2003-2012	YB10A-A2		
250	KLF250-A Bayou (CN)	2003-2005	YTX14AH-BS	YB14A-A2	
250	KLT250-A	1982-1983	YB12A-A		
250	KLT250-C Prairie	1983	YB12A-A		
250	KLT250-C Prairie	1984-1985	YB10L-B		
300	KEF300-A Lakota	1995-2000	YTX14AH-BS	YB14A-A2	
300	KEF300-A/B Lakota Sport	2001-2003	YTX14AH-BS	YB14A-A2	

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI CONTINUED					
300	KLF300-A Bayou	1986-1987	YTX20HL-BS-PW	YB16CL-B	
300	KLF300-B Bayou	1988-2004	YTX14AH-BS	YB14A-A2	
300	KLF300-B Bayou (CN)	1992-1999	YTX20HL-BS-PW	YB16CL-B	
300	KLF300-C Bayou 300 4x4	1989-2004	YTX14AH-BS	YB14A-A2	
300	KLF300-C Bayou 300 4x4 (CN)	1992-2005	YTX20HL-BS-PW	YB16CL-B	
300	KVF300-A Prairie 300, 4x4	1999-2002	YTX14AH-BS	YB14A-A2	
300	KVF300-A Prairie 300, 4x4 (CN)	1999-2001	YTX20HL-BS-PW	YB16CL-B	
300	KVF300-B Prairie 300, 4x4	1999-2002	YTX14AH-BS	YB14A-A2	
300	KVF300-B Prairie 300, 4x4 (CN)	1999-2002	YTX20HL-BS-PW	YB16CL-B	
300	KVF300 Brute Force	2013	YTX12-BS		
360	KVF360 Prairie	2013	YTX14AH-BS	YB14A-A2	
400	KAF400, Mule 600/610	2005-2012	YTX14AH-BS		
400	KLF400-B Bayou 400 4x4	1993-2000	YTX20HL-BS-PW	YB16CL-B	
400	KSF400-A (KFX400)	2003-2006	YTX9-BS		
400	KVF400-A Prairie 400 4x4	1997-2000	YTX14AH-BS	YB14A-A2	
400	KVF400-A Prairie 400 4x4 (CN)	1997-2000	YTX20HL-BS-PW	YB16CL-B	
400	KVF400-B Prairie 400 4x4	1998-2000	YTX14AH-BS	YB14A-A2	
400	KVF400-B Prairie 400 4x4 (CN)	1998-2000	YTX20HL-BS-PW	YB16CL-B	
400	KVF400-C Prairie 4x4	1999-2002	YTX14AH-BS	YB14A-A2	
400	KVF400-D Prairie 4x4	1999-2002	YTX14AH-BS	YB14A-A2	
450	KFX450R	2008-2013	YTX7L-BS		
540	KAF540, Mule 2010/2020/2030		YTX20HL-BS-PW	YB16CL-B	
620	Advantage Classic	2003-2007	GYZ20HL	GYZ20L	YTX20HL-BS
620	KAF620F, Mule 4010 4x4 (CN)	2012	GYZ20HL	GYZ20L	YTX20HL-BS
KTM					
450	SX ATV	2008-2012	YTZ7S	YTX5L-BS	
450	XC ATV	2008-2012	YTZ7S	YTX5L-BS	
505	SX ATV	2008-2013	YTZ7S	YTX5L-BS	
525	XC ATV	2008-2013	YTZ7S	YTX5L-BS	
KYMCO					
50	Mongoose 50		YTX5L-BS		
50	MXU 50		YTX9-BS		
50	Maxxer 50		YTX5L-BS		
90	Mongoose 90		YTZ7S	YTX5L-BS	
90	Maxxer 90		YTX5L-BS		
125	MXER		YTX9-BS		
150	MXER 150	2011-on	YTX9-BS		
150	MXU150		YTX9-BS		
250	Maxxer 250, MXU 250		YTX12-BS		
250	Mongoose, MXU		YTX12-BS		
300	Maxxer 300, MXU300	2011-on	YTX12-BS		
300	MXU300SD		YTX12-BS		
350	Maxxer 400	2011-on	GYZ16H	YTX14-BS	
350	MXU 400	2011-on	YB14-A2		

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KYMCO CONTINUED					
400	Maxxer 400	2011-on	GYZ16H	YTX20L-BS	
400	MXU 450i		GYZ20HL	GYZ20L	YTX20L-BS
400	MXU 400	2011-on	YTX12-BS		
450	Maxxer 450		GYZ20HL	GYZ20L	YTX20L-BS
500	UXV 500	2011-on	GYZ20HL	GYZ20L	YTX20L-BS
500	MXU 500	2013	GYZ20HL	GYZ20L	YTX20HL-BS
500	MXU 500i		GYZ20HL	GYZ20L	YTX20HL-BS
500	UXV 500	2011-on	GYZ20HL	GYZ20L	YTX20L-BS
550	MXU 550		GYZ20HL	GYZ20L	YTX20HL-BS
700	MXU 700		GYZ20HL	GYZ20L	YTX20HL-BS
700	UXV700	2014-on	GYZ20HL	GYZ20L	YTX20HL-BS
POLARIS					
50	Predator, Outlaw	2004-2013	YTZ7S	YTX5L-BS	
50	Scrambler	2001-2002	YTX4L-BS		
50	Scrambler	2003	YTZ7S	YTX5L-BS	
90	Predator, Sportsman, Outlaw	2003-2013	YTZ7S	YTX5L-BS	
90	Scrambler, Sportsman	2001-2002	YTX4L-BS		
170	Ranger RZR	2012	YTX12-BS		
200	Phoenix, Sawtooth	2005-2013	YTX12-BS		
250	All Models	1985-2005	YB14A-A2		
250	All Models	2006-2008	YTX14AH-BS	YB14A-A2	
300	Hawkeye, Sportsman 300	2006-2010	YB14-B2		
325	All Models	1987-2002	YTX14AH-BS	YB14A-A2	
330	Magnum, Trail	2003-2013	YTX14AH-BS	YB14A-A2	
335	Sportsman	1998-2001	YTX14AH-BS	YB14A-A2	
400	All Models	1994-2012	YTX14AH-BS	YB14A-A2	
400	Ranger 400	2011-2012	YTX14AH-BS		
425	All Models	1995-2002	YTX14AH-BS	YB14A-A2	
450	Diesel .445 Litre (primary)	1999-2003	YIX30L	YB30L-B	
450	Diesel .445 Litre (secondary)	1999-2003	YTX14AH-BS	YB14A-A2	
450	Outlaw 450	2007-2010	YTX9-BS		
500	All Models (Excl. Predator, Sportsman)	1999-2012	YTX14AH-BS	YB14A-A2	
500	Predator, Outlaw	2003-2006	YTX9-BS		
500	Ranger 6x6/4x4	1998-2004	GYZ32HL		
500	Ranger 4x4	2004-2010	GYZ32HL		
500	Ranger 4x4	2011-2012	YTX14AH-BS		
500	Sportsman	2011	GYZ32HL		
500	Sportsman HO	1996-2013	YTX14AH-BS		
525	Outlaw 525	2008-2012	YTX9-BS		
550	Sportsman EPS/XP	2010-2012	YTX14AH-BS		
600	Sportsman	2004-2005	GYZ32HL	YB30L-B	
700	Sportsman, Military	2002-2008	GYZ32HL	YB30L-B	
700	Sportsman	2010	GYZ32HL		

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
POLARIS CONTINUED					
800	Sportsman	2005-2013	GYZ32HL		
800	Ranger RZR	2009-2012	GYZ20HL	GYZ20L	YTX20HL-BS
800	Ranger RZR 4	2010-2012	GYZ32HL		
QIANJIANG					
50	ATV50		YTX4L-BS		
100	ATV100		YTX4L-BS		
SUZUKI					
50	LT-Z50 QuadSport	2006-2012	YTZ7S	YTX5L-BS	
80	LT80 QuadSport 80	1987-2006	YTZ7S	YTX5L-BS	
90	LT-Z90 QuadSport	2007-2012	YTX7A-BS		
160	LT160 E QuadRunner	1989-2004	YB9A-A		
160	LT-F160 QuadRunner	1991-2000	YB9A-A		
230	LT230E QuadRunner	1987			
230	LT230E QuadRunner	1988-1993	YTX12-BS		
230	LT230GE QuadRunner	1985-1986	YB10A-A2		
230	LT-F230 QuadRunner	1986-1987	YB10A-A2		
250	LT250EF QuadRunner	1985-1986	Y50-N18A-A		
250	LT-4WD QuadRunner	1987-1999	YTX14AH-BS	YB14A-A2	
250	LT-4WD QuadRunner (Opt)	1987-1999	Y50-N18A-A		
250	LT-F250 QuadRunner	1988-2001	YTX14AH-BS	YB14A-A2	
250	LT-F250 QuadRunner (Opt)	1988-2001	Y50-N18A-A		
250	LT-F250, Ozark	2002-2013	YTX12-BS		
250	LT-F250F QuadRunner	1999-2002	YTX14AH-BS	YB14A-A2	
250	LT-F250F QuadRunner (CN, Opt)	1999-2002	Y50-N18A-A		
250	LT-Z250 QuadSport	2004-2011	YTX9-BS		
280	LT-F4WDX KingQuad	1991-1999	YTX14AH-BS	YB14A-A2	
280	LT-F4WDX KingQuad (CN, Opt)	1991-1999	Y50-N18A-A		
300	LT-F4WDX KingQuad	1999-2002	YTX14AH-BS	YB14A-A2	
300	LT-F4WDX KingQuad (Opt)	1999-2002	Y50-N18A-A		
300	LT300E QuadRunner 300E	1987-1989	YTX14AH-BS	YB14A-A2	
300	LT-F300F KingQuad	1999-2002	YTX14AH-BS	YB14A-A2	
300	LT-F300F KingQuad (CN, Opt)	1999-2002	Y50-N18A-A		
400	F Eiger 4WD	2002-2007	GYZ16H	YTX14-BS	
400	LT-A400 Eiger 2WD	2002-2007	GYZ16H	YTX14-BS	
400	LT-F400 Eiger 2WD	2002-2007	GYZ16H	YTX14-BS	
400	LT-Z400 QuadSport	2003-2016	YTX9-BS		
400	LT-A400F King Quad	2013	GYZ16H	YTX14-BS	
400	LT-A400 King Quad	2016	GYZ16H	YTX14-BS	
450	LT-A450X King Quad	2007-2012	GYZ16H	YTX14-BS	
450	LT-R450 QuadRacer	2006-2010	YTZ10S	YTX7A-BS	
500	LT-A500 King Quad	2016	YTX20CH-BS		
500	LT-A500F QuadMaster	2000-2001	YTX16-BS-1		
500	LT-A500F Vinson 4WD	2002-2003	YTX20CH-BS	YTX16-BS	
500	LT-A500F Vinson 4WD	2004-2007	YTX20CH-BS		
500	LT-F500F Vinson Manual 4WD	2003-2007	YTX20CH-BS	YTX16-BS	

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
SUZUKI CONTINUED					
700	LT700 Twin Peaks	2004-on	YTX20CH-BS		
700	LT-A700X King Quad	2005-2007	YTX20CH-BS		
700	LT-V700F Twin Peaks	2004-2005	GYZ16H	YTX14-BS	
750	LT-A750 King Quad	2007-2013	YTX20CH-BS		
YAMAHA					
50	YFM50 Raptor	2004-2009	12N7D-3B		
80	YFM80 Badger	1985-2001	12N7D-3B		
80	YFM80 Grizzly	2005-2008	12N7D-3B		
80	YFM80R Raptor	2002-2008	12N7D-3B		
90	YFM90R Raptor	2009-2013	YTZ7S	YTX5L-BS	
100	YFM100 Champ	1987-1991	12N7D-3B		
125	YFA-1 Breeze	1989-2004	YB12C-A		
125	YFM125A/G	2009-on			
125	YFM125S/G	2004-2013	YB12C-A		
125	YFM12R, Raptor	2011-2013	YTZ7S		
200	YFM200 Moto 4	1985	YTX14AH-BS	YB14A-A1	
200	YFM200/DX Moto 4	1985-1989	YTX14AH-BS	YB14A-A1	
200	YTM200/E/ER Tri Moto	1983-1985	YTX14AH-BS	YB14A-A1	
225	YFM225 Moto 4	1986-1988	YTX14AH-BS	YB14A-A1	
225	YTM225DR	1983-1986	YTX14AH-BS	YB14A-A1	
225	YTM225DR Tri Moto	1985-1986	YTX14AH-BS	YB14A-A1	
225	YTM225DX Tri Moto	1983-1986	YTX14AH-BS	YB14A-A1	
230	YFM25BY	2009-on	YB14A-A2		
230	YFU1, YFU1 T Pro-Hauler	1989	YTX14AH-BS	YB14A-A1	
250	YFB250/F Timber Wolf	1992-2000	YB12C-A		
250	YFM25 Bear Tracker	1999-2004	YTX14AH-BS	YB14A-A2	
250	YFM250 Moto 4	1989-1991	YTX14AH-BS	YB14A-A1	
250	YFM25B Big Bear	2007-2010	YTX14AH-BS	YB14A-A2	
250	YFM25B Bruin	2005-2006	YTX14AH-BS	YB14A-A2	
250	YFM25RY/RSEY	2009-on	YTZ7S		
250	YFM25R/R Raptor	2008-2013	YTZ7S		
300	Grizzly 300 Automatic	2011-2013	YTX12-BS		
350	YFM 350RV Raptor	2004-2005	YTZ10S		
350	YFM350	2007-2009	YTZ10S		
350	YFM350A/FWA/FWAN/AS	2007-2009	YTX14AH-BS		
350	YFM35B Bruin	2004-2006	YTX14AH-BS		
350	YFM35ER Moto 4	1987-1995	YTX14AH-BS	YB14A-A1	
350	YFM35F/U Big Bear	1987-1999	YTX14AH-BS	YB14A-A1	
350	YFM35FW Big Bear 4WD	1987-1999	YTX14AH-BS	YB14A-A1	
350	YFM30FX Wolverine	1995-2005	YB12C-A		
350	YFM35FX Wolverine	2006-2010	YTX14AH-BS		
350	YFM35FG Grizzly	2007-2013	YTX14AH-BS		
350	YFM35R Raptor	2004-2013	YTZ10S		
350	YFM35U Big Bear 2WD	1987-1999	YTX14AH-BS	YB14A-A1	

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
350	YFM35X Warrior	1987-2003	YB12C-A		
350	YFP35 TerraPro	1988	YTX14AH-BS	YB14A-A1	
400	YF40FG Grizzly	2007-2008	GYZ20HL	GYZ20L	YTX20HL-BS
400	YFM40FB Big Bear	2000-2012	GYZ20HL	GYZ20L	YTX20HL-BS
400	YFM40FG Grizzly	2007-2008	YTX14AH-BS		
400	YFM40FW Kodiak	1993-1995	YTX14AH-BS	YB14A-A1	
400	YFM40FW Kodiak/Automatic	1996-2002	GYZ20HL	GYZ20L	YTX20HL-BS
400	YFM40FW Kodiak/Automatic	2003-2006	YTX14AH-BS		
400	YFM40FWN Big Bear	2000-2003	GYZ20HL	GYZ20L	YTX20HL-BS
400	YFM40N Big Bear 2WD	2000-2003	GYZ20HL	GYZ20L	YTX20HL-BS
450	YFM45FG Grizzly	2007-2013	YTX14AH-BS		
450	YFM45FW Automatic	2003-2009	GYZ20HL	GYZ20L	YTX20HL-BS
450	YFM45FX Wolverine	2003-2010	GYZ20HL	GYZ20L	YTX20HL-BS
450	YFZ450	2004-2013	YT7B-BS		
450	YFZ450X	2012	YT7B-BS		
450	YZF450R/RSEY	2009-2012	YTZ7S		
450	YFZ450V	2009	YT7B-BS		
550	YFM5FGPY/GPSEY	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
550	YMF5FG Grizzly	2013	GYZ20HL	GYZ20L	YTX20HL-BS
550	YFM550G/GY	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
550	YMF550 Grizzly	2009	GYZ20HL	GYZ20L	YTX20HL-BS
600	YFM600FW Grizzly	1998-2001	GYZ20HL	GYZ20L	YTX20HL-BS
600	YFV600FW Grizzly	1998-2001	GYZ20HL	GYZ20L	YTX20HL-BS
660	YFM66FA Grizzly	2002-2008	GYZ20HL	GYZ20L	YTX20HL-BS
660	YFM66R Raptor	2001-2005	GYZ16H	YTX14-BS	
700	YFM7FG Grizzly	2007-2013	GYZ20HL	GYZ20L	YTX20HL-BS
700	YFM70R Raptor	2006-2013	YT9B-BS		
700	YFM70RY	2009-on	YT9B-BS		
700	YFM700FWA	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS



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PERSONAL WATERCRAFT

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
AQA-JET CO.					
430	Aqua-Jet SX1	1991	YB16-B		
432	Aqua-Jet SX1	1989-1990	YB16-B		
ARCTIC CAT					
640	Tiger Shark	1997-1999	YTX14AHL-BS	YB14L-A2	
770	Tiger Shark	1997-1999	YTX14AHL-BS	YB14L-A2	
	Tiger Shark (All Models)	1993-2001	YB16CL-B		
ARCTOCO					
650	Tiger Shark (All Models)	1993-1998	YB16CL-B		
BOMBARDIER					
	See BRP-SEA-DOO				
BRP – SEA-DOO					
780	3D	2007	YTX20HL-BS-PW	YB16CL-B	
1500	GTI, GTX, GTR RXP, RXT, WAKE	2013	YIX30L-PW	YB30CL-B	
1500	GTX 4-Tec, RXP	2003-2007	YIX30L-PW	YB30CL-B	
	All Models	1988-1993	YTX20HL-BS	YTX20L-BS	YB16L-B
	All Other Models	1994-2007	YTX20HL-BS-PW	YB16CL-B	
FAZER					
430	All Models	1988-1989	YB16-B		
HONDA					
1235	AquaTrax F/R-12, F/R-12X	2002-2009	GYZ20HL	GYZ20L	YTX20HL-BS
1470	AquaTrax F-15, F-15X	2003-2013	GYZ20HL	GYZ20L	YTX20HL-BS
KAWASAKI (Jet Ski)					
300	JS300 TS/SX	1986-1991	YTX20HL-BS-PW	YB16CL-B	
300	JS399-A	1987-1991	YTX20HL-BS-PW	YB16CL-B	
400	JS400	1976	GYZ20HL	GYZ20L	YTX20HL-BS
440	JS440	1977-1986	GYZ20HL	GYZ20L	YTX20HL-BS
440	JS440	1987-1992	YTX20HL-BS-PW	YB16CL-B	
550	JS550	1982-1985	GYZ20HL	GYZ20L	YTX20HL-BS
550	JS550, SX	1986-1995	YTX20HL-BS-PW	YB16CL-B	
650	JF650 TS	1989-1996	YTX20HL-BS-PW	YB16CL-B	
650	JF650 X2	1986-1995	YTX20HL-BS-PW	YB16CL-B	
650	JL650 SC	1991-1995	YTX20HL-BS-PW	YB16CL-B	
650	JS650 SX	1987-1995	YTX20HL-BS-PW	YB16CL-B	
650	Mate	1991	YTX20HL-BS-PW	YB16CL-B	
650	SC		YTX20HL-BS-PW	YB16CL-B	
750	JH750 B1/B3	1993-1995	YTX20HL-BS-PW	YB16CL-B	
750	JH750 E1/F2/G1/G2	1995-1999	GYZ20HL	GYZ20L	YTX20HL-BS
750	JH750 SS/ST/Xi/XiR	1992-1999	YTX20HL-BS-PW	YB16CL-B	
750	JH750 ST/Zxi	1995-1997	GYZ20HL	GYZ20L	YTX20HL-BS
750	JH750 SX/ZX	1992-1995	YTX20HL-BS-PW	YB16CL-B	
750	JH750 Xi	1993-1999	YTX20HL-BS-PW	YB16CL-B	
750	JH750 XiR	1994	YTX20HL-BS-PW	YB16CL-B	
750	JH750 Zxi	1995-1997	GYZ20HL	GYZ20L	YTX20HL-BS
750	JS750 SX/ZX	1992-1995	YTX20HL-BS-PW	YB16CL-B	

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI (Jet Ski) CONTINUED					
750	JS750 SXi/SXi Pro	1995-2002	GYZ20HL	GYZ20L	YTX20HL-BS
750	JT750 STS/STX	1996-1998	GYZ20HL	GYZ20L	YTX20HL-BS
750	JT750 XiR/ST/STS	1994-1995	YTX20HL-BS-PW	YB16CL-B	
750	Super Sport Xi	1993	YTX20HL-BS-PW	YB16CL-B	
750	Xi Sport	1999	YTX20HL-BS-PW	YB16CL-B	
800	JS800 SX-R	2003-2013	GYZ20HL	GYZ20L	YTX20HL-BS
900	JH900 ZXi	1995-1997	GYZ20HL	GYZ20L	YTX20HL-BS
900	JT900 STS/STX	1997-2005	GYZ20HL	GYZ20L	YTX20HL-BS
1100	JH1100 ZXi	1996-2003	GYZ20HL	GYZ20L	YTX20HL-BS
1100	JH1100-B Ultra 130	2001-2004	GYZ20HL	GYZ20L	YTX20HL-BS
1100	JT1100 STX	1997-2003	GYZ20HL	GYZ20L	YTX20HL-BS
1100	JT1100 ZXi	1996-2003	GYZ20HL	GYZ20L	YTX20HL-BS
1200	JH1200-A/B Ultra 150	1999-2005	GYZ20HL	GYZ20L	YTX20HL-BS
1200	JT1200-A/B/C, STX-R/-12F	2002-2007	GYZ20HL	GYZ20L	YTX20HL-BS
1500	JT1500-A, STX-15F	2004-2013	GYZ20HL	GYZ20L	YTX20HL-BS
1500	JT1500B/C, 250X, Ultra LX	2007-2013	GYZ20HL	GYZ20L	YTX20HL-BS
POLARIS					
	All Models		YTX20HL-BS-PW	YB16CL-B	
S.O.S. MARINE MFG					
	All Models		YTX20-BS	YB16-B-CX	YB16-B
ULTRANAUTICS					
800	All Models	1987-1992	53030		
	Jet Star1250 (Boat)	1988-1990	53030		
	Jet Star1260 (Boat)	1991	53030		
WET JET INTERNATIONAL					
	All Models		YTX20-BS	YB16-B-CX	YB16-B
YAMAHA					
All	Wave Runner Models	1987-2009	YTX20HL-BS-PW	YB16CL-B	
700	Superjet	2009-2013	YTX20HL-BS-PW	YB16CL-B	
1100	VX	2009-2013	YTX20HL-BS-PW	YB16CL-B	
1800	FX, FZR, FZS, VXS, VXR	2009-2013	YTX20HL-BS-PW	YB16CL-B	

K-Y

PERSONAL WATERCRAFT



A-Y

UTILITY VEHICLES

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
ARCTIC CAT					
500	Prowler 500	2011-on			
550	Prowler 550	2009	YTX24HL-BS		
550	Prowler 550	2010-2012	GYZ32HL	YB30L-B	
650	Prowler 650	2006-2009	YTX24HL-BS	Y50-N18L-A-CX	
700	Prowler 700	2009	YTX24HL-BS		
700	Prowler 700	2010-2012	GYZ32HL	YB30L-B	
1000	Prowler 1000	2012	GYZ32HL	YB30L-B	
KAWASAKI					
300	KAF300, Mule 500/520/550		YTX14AH-BS	YB14A-A2	
400	KAF400, Mule 600/610	2005-2010	YTX14AH-BS	YB14A-A2	
450	KAF450, Mule 1000		YTX20HL-BS-PW	YB16CL-B	
540	KAF540, Mule 2010/2020/2030		YTX20HL-BS-PW	YB16CL-B	
620	Advantage Classic	2003-2007	GYZ20HL	GYZ20L	YTX20HL-BS
620	KAF620, Mule 2500/2510/2520		YTX20HL-BS-PW	YB16CL-B	
620	KAF620, Mule 3000/3010/3020		GYZ20HL	GYZ20L	YTX20HL-BS
620	KAF620, Mule 3010 4x4		YTX20HL-BS-PW	YB16CL-B	
620	KAF620F, Mule 4010 4x4 (CN)	2013	GYZ20HL	GYZ20L	YTX20HL-BS
KUBOTA					
All	Mule 2500		YTX20L-BS	YB16L-B	
All	ADT70S (Tiller)		YB14-A2		
PIAGGIO					
	Ape Mix	2001-on	YB9-B		
	Ape50 FL	1993	YB9-B		
	Ape50 FL2		YB9-B		
POLARIS					
170	Ranger RZR	2012	YTX12-BS		
400	Ranger 400	2011-2013	YTX14AH-BS	YB14-B2	
425	Ranger 2x4	2002-2003	GYZ32HL	YIX30L	YB30L-B
500	Ranger 6x6/4x4	1998-2004	GYZ32HL	YIX30L	YB30L-B
500	Ranger 4x4	2004-2010	GYZ32HL	YB30L-B	
500	Ranger 4x4	2011-2013	YTX14AH-BS	YB14-B2	
570	RZR 570/EPS	2012-2013	YTX14AH-BS	YB14-B2	
700	Ranger 6x6	2006-2010	GYZ32HL	YIX30L	YB30L-B
800	Ranger RZR	2009-2013	GYZ20HL	GYZ20L	YTX20HL-BS
800	Ranger, Ranger RZR 4	2010-2013	GYZ32HL	YB30L-B	
875	Ranger 900		50D20R		
1028	Ranger Diesel		YIX30L		
SUZUKI					
620	QUV620F	2005	GYZ20HL	GYZ20L	YTX20HL-BS
YAMAHA					
700	Viking	2014-2016			
1000	YXZ1000R	2016			
All	Rhino				
	Wolverine	2016			

SNOW MOBILE

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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
ARCTIC CAT					
340	Bearcat 340	1995-2000	YTX14AH-BS	YB14-A2	
340	Panther 340	1997-2000	YTX14AH-BS	YB14-A2	
370	Panther 370	2001-2007	YTX14AH-BS	YB14-A2	
370/440	Z 370/440	2002-2007	YTX14AH-BS	YB14-A2	
440	Bearcat 440	1995-2000	YTX14AH-BS	YB14-A2	
440	Panther 440	1997-2003	YTX14AH-BS	YB14-A2	
500	Crossfire 500	2007	GYZ20H		
500	El Tigre 5000	1987-1988	YTX14AHL-BS	YB14L-A2	
500	Mountain Cat 500	2002	GYZ20H	YTX20-BS	
500	Sabercat 500	2004-2006	GYZ20H	YTX20-BS	
500	ZL 500	2002	GYZ20H	YTX20-BS	
500/600	ZR 500/600	2001-2002	GYZ20H	YTX20-BS	
550	Prowler 550	2009	YTX24HL-BS		
550	Prowler 550	2010-2013	GYZ32HL	YB30L-B	
550	Panther 550	1997-2001	GYZ20H	YTX20-BS	
550	Prowler 550	2010	YTX24HL-BS		
550/600	Pantera 550, 600	2002-2005	GYZ20H	YTX20-BS	
550/600	ZL 550/600	2002-2003	GYZ20H	YTX20-BS	
570	Bearcat 570	2004-2009	YTX24HL-BS	Y50-N18L-A-CX	
570	Mountain Cat 570	2002-2004	YTX24HL-BS	Y50-N18L-A-CX	
570	Panther 570	2002-2007	YTX24HL-BS	Y50-N18L-A-CX	
570	Z 570	2002-2008	YTX24HL-BS	Y50-N18L-A-CX	
600	Crossfire 600	2006-2007	GYZ20H		
600	EXT 600	1997-1998	GYZ20H	YTX20-BS	
600	Mountain Cat 600	2002-2004	GYZ20H	YTX20-BS	
600/700	Sabercat 600/700	2004-2006	YTX24HL-BS	Y50-N18L-A-CX	
650	Prowler 650	2006-2009	YTX24HL-BS	Y50-N18L-A-CX	
650	Prowler 650	2006-2010	YTX24HL-BS	Y50-N18L-A-CX	
660	Panther 660	2006-2007	YTX24HL-BS	Y50-N18L-A-CX	
660	T660 Touring	2004-2006	YTX24HL-BS	Y50-N18L-A-CX	
660	T660 Turbo/ Turbo Touring	2004-2007	YTX24HL-BS		
700	Prowler 700	2009	YTX24HL-BS		
700	Prowler 700	2010-2013	GYZ32HL	YB30L-B	
700	Crossfire 700	2006	GYZ20H		
700	Prowler 700	2010	GYZ32HL	YTX24HL-BS	
800	F8 LXR, F800, M800	2007-2012	GYZ20H		
800	Mountain Cat 800	2002-2004	YTX24HL-BS	Y50-N18L-A-CX	
800	Pantera 800	2002-2004	YTX24HL-BS	Y50-N18L-A-CX	
800	ZL 800	2002-2003	YTX24HL-BS	Y50-N18L-A-CX	
800	ZR 800	2002-2003	YTX24HL-BS	Y50-N18L-A-CX	
900	King Cat 900	2004-2006	YTX24HL-BS	Y50-N18L-A-CX	
900	Mountain Cat 900	2003-2004	YTX24HL-BS	Y50-N18L-A-CX	
900	ZR 900	2003-2006	YTX24HL-BS	Y50-N18L-A-CX	



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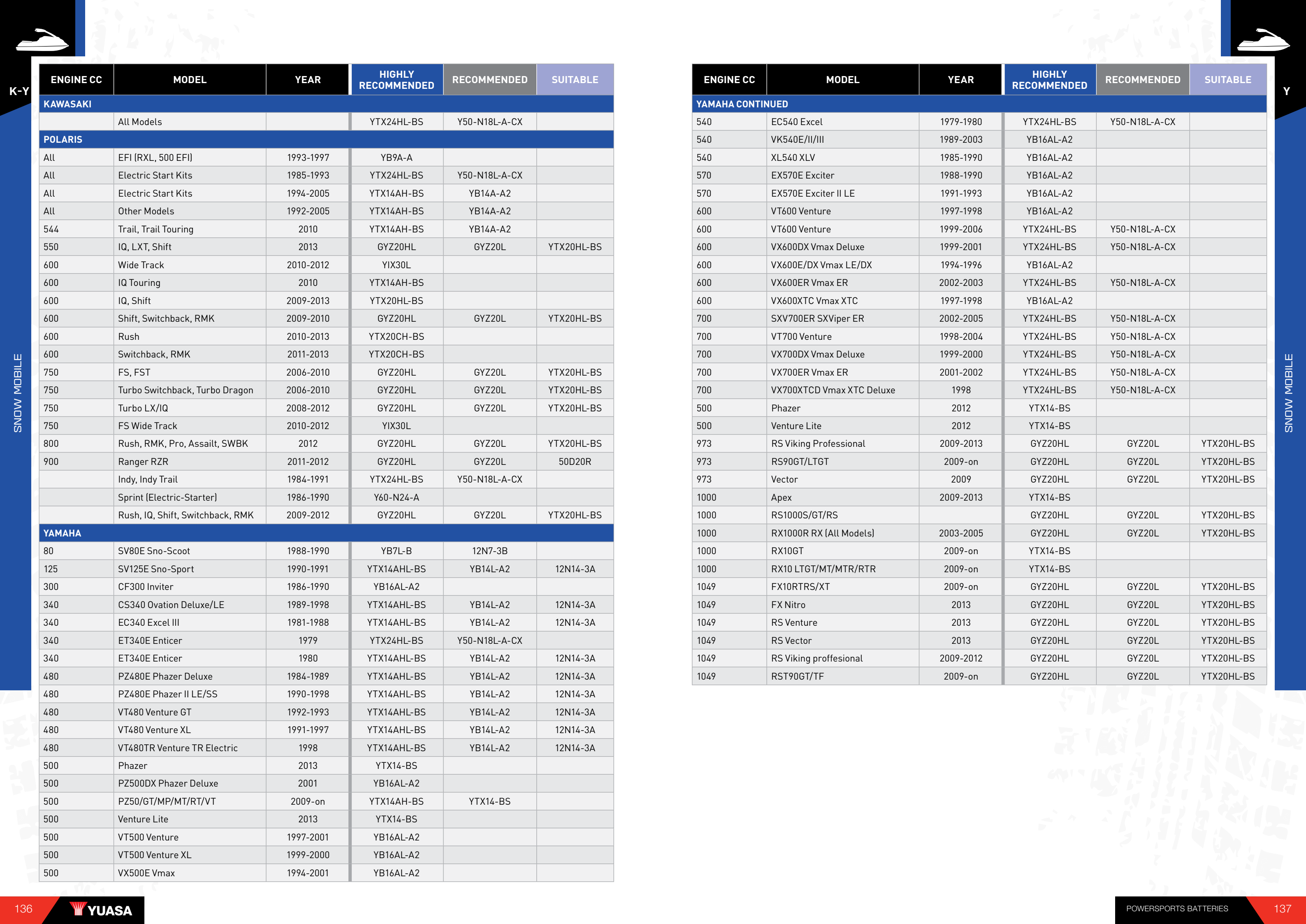
ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
ARCTIC CAT CONTINUED					
1000	Mudpro 1000H2	2010-2012			
1000	Prowler 1000	2013	YB30L-B		
1000	Mountain Cat 1000	2002	GYZ20H	YTX20-BS	
1100	Z1, T Z1, F1100, M1100, Bearcat	2001-2013	GYZ20H		
All 500 & over	EFI (W/O EL.-Starter)	1994-2001	YB7-A		
All 500 & over	EFI (W/O EL.-Starter)	1991-1993	YB14L-A2		
All 500 & over	EFI	1991-2001	Y50-N18L-A-CX		
Under 500	All	1993	YB14L-A2		
Under 500	All	1994-2001	YB14-A2		
	Bearcat WT Turbo	2006-2007	YTX24HL-BS		
	Bearcat WT	2003-2007	YTX24HL-BS	Y50-N18L-A-CX	
	Bearcat WT	1995-2002	GYZ20H	YTX20-BS	
	Cheetah	1986-1990	YB16L-B		
	Cheetah	1991-1993	YTX14AHL-BS	YB14L-A2	
	Cougar	1985-1990	YB16L-B		
	Cougar	1991-1994	YTX14AHL-BS	YB14L-A2	
	Cougar	1995-1998	GYZ20H	YTX20-BS	
	EXT	1989-1991	YB16L-B		
	EXT	1992-1994	YTX14AHL-BS	YB14L-A2	
	EXT	1995-1997	12N7-4A		
	EXT (Carb)	1995-1996	GYZ20H	YTX20-BS	
	EXT (EFI)	1995-1997	12N7-4A		
	EXT (EFI)	1998	GYZ20H	YTX20-BS	
	EXT Dlx (EFI)	1997-1998	YTX24HL-BS	Y50-N18L-A-CX	
	EXT Special	1991-1992	YTX14AHL-BS	YB14L-A2	
	F6/8/1000	2007-2009	GYZ20H		
	F5	2007-2009	GYZ20H	YTX20-BS	
	Firecat	2003-2006	YTX24HL-BS	Y50-N18L-A-CX	
	Firecat, Jaguar	2007	Y50-N18L-A-CX		
	Jag AFS	1989-1991	YTX14AHL-BS	YB14L-A2	
	Jag AFS L/T	1989-1993	YTX14AHL-BS	YB14L-A2	
	Jag Liquid	1996	YTX14AH-BS	YB14-A2	
	Jag Z	1993	YTX14AHL-BS	YB14L-A2	
	Jag Z	1994	YTX14AH-BS	YB14-A2	
	Jag, Jag Dlx	1985-1993	YTX14AHL-BS	YB14L-A2	
	Jag, Jag Dlx	1994-1999	YTX14AH-BS	YB14-A2	
	Jaguar	2007	GYZ20H		
	Lynx, M5/6/7	1991-1993	YTX14AHL-BS	YB14L-A2	
	Lynx, M5/6/7	1991-1993	YB14L-A2		
	M5/6/7	2005-2006	GYZ20H		
	M6	2007	GYZ20H		
	Mountain Cat	2001	GYZ20H	YTX20-BS	
	Pantera	1980-1985	YB16L-B		



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
ARCTIC CAT CONTINUED					
	Pantera	1986-1993	YTX14AHL-BS	YB14L-A2	
	Pantera	1994	GYZ20H	YTX20-BS	
	Pantera	1995-1998	YTX24HL-BS	Y50-N18L-A-CX	
	Pantera	1999-2001	GYZ20H	YTX20-BS	
	Panther	1980-1988	YB16L-B		
	Panther	1989-1993	YTX14AHL-BS	YB14L-A2	
	Panther	1994-1996	YTX14AH-BS	YB14-A2	
	Powder Extreme	1997-1998	GYZ20H	YTX20-BS	
	Powder Special	1995-1998	GYZ20H	YTX20-BS	
	Prowler	1990-1993	YTX14AHL-BS	YB14L-A2	
	Prowler	1994	YB7-A	12N7-4A	
	Prowler 2-Up	1995	GYZ20H	YTX20-BS	
	Prowler Special	1991-1992	GYZ20H	YTX20-BS	
	Puma	1994-1996	YTX14AH-BS	YB14-A2	
	Super Jag	1987-1988	YB16L-B		
	Super Jag	1989-1992	YTX14AHL-BS	YB14L-A2	
	Thundercat	1997-2002	GYZ20H	YTX20-BS	
	Wildcat (EFI)	1993	YB16L-B		
	Wildcat (EFI)	1995-1996	YB7-A	12N7-4A	
	Wildcat MC/Touring	1994-1996	YB7-A	12N7-4A	
	Z	1998-2001	YTX14AH-BS	YB14-A2	
	ZR (EFI)	1995-1996	YB7-A	12N7-4A	
	ZRT	1997-2002	GYZ20H	YTX20-BS	
BOMBARDIER					
	See BRP-SKI-D00				
BRP – SKI-D00					
All	4-stroke	2003	YTX24HL-BS		
100	Expedition, Legend, Skandic	2003-2006	YTX20L-BS		
300	Skandic	2010	YTX20L-BS		
550	Expedition, Freestyle, Skandic	2005-2013	YTX20L-BS		
550	Grand Touring, Renegade	2013	GYZ20HL	GYZ20L	YTX20L-BS
550	GSX, GTX, MXZ	2007-2013	YTX20L-BS		
600	Expedition, Skandic, Summit	2006-2013	YTX20L-BS		
600	Grand Touring, Renegade	2004-2013	YTX20L-BS		
600	GSX, GTX, Tundra, MX2	2004-2012	YTX20L-BS		
800	Expedition, Legend, Skandic	2007-2012	YTX20L-BS		
800	Renegade, Summit, Free Ride	2004-2013	YTX20L-BS		
800	GSX, MXZ	2004-2013	YTX20L-BS		
1200	Grand Touring, Expedition	2010-2013	YTX20L-BS		
1200	Renegade, GSX, MXZ	2009-2013	YTX20L-BS		
	CK3 Types	1999-2003	YTX24HL-BS	Y50-N18L-A-CX	
	Elite	2004-2006	YIX30L		
	ZX Types	1999-2001	YTX15L-BS		
	ZX Types	2002-2003	GYZ20HL	GYZ20L	YTX20HL-BS



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ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
KAWASAKI					
	All Models		YTX24HL-BS	Y50-N18L-A-CX	
POLARIS					
All	EFI (RXL, 500 EFI)	1993-1997	YB9A-A		
All	Electric Start Kits	1985-1993	YTX24HL-BS	Y50-N18L-A-CX	
All	Electric Start Kits	1994-2005	YTX14AH-BS	YB14A-A2	
All	Other Models	1992-2005	YTX14AH-BS	YB14A-A2	
544	Trail, Trail Touring	2010	YTX14AH-BS	YB14A-A2	
550	IQ, LXT, Shift	2013	GYZ20HL	GYZ20L	YTX20HL-BS
600	Wide Track	2010-2012	YIX30L		
600	IQ Touring	2010	YTX14AH-BS		
600	IQ, Shift	2009-2013	YTX20HL-BS		
600	Shift, Switchback, RMK	2009-2010	GYZ20HL	GYZ20L	YTX20HL-BS
600	Rush	2010-2013	YTX20CH-BS		
600	Switchback, RMK	2011-2013	YTX20CH-BS		
750	FS, FST	2006-2010	GYZ20HL	GYZ20L	YTX20HL-BS
750	Turbo Switchback, Turbo Dragon	2006-2010	GYZ20HL	GYZ20L	YTX20HL-BS
750	Turbo LX/IQ	2008-2012	GYZ20HL	GYZ20L	YTX20HL-BS
750	FS Wide Track	2010-2012	YIX30L		
800	Rush, RMK, Pro, Assault, SWBK	2012	GYZ20HL	GYZ20L	YTX20HL-BS
900	Ranger RZR	2011-2012	GYZ20HL	GYZ20L	50D20R
	Indy, Indy Trail	1984-1991	YTX24HL-BS	Y50-N18L-A-CX	
	Sprint (Electric-Starter)	1986-1990	Y60-N24-A		
	Rush, IQ, Shift, Switchback, RMK	2009-2012	GYZ20HL	GYZ20L	YTX20HL-BS
YAMAHA					
80	SV80E Sno-Scoot	1988-1990	YB7L-B	12N7-3B	
125	SV125E Sno-Sport	1990-1991	YTX14AHL-BS	YB14L-A2	12N14-3A
300	CF300 Inviter	1986-1990	YB16AL-A2		
340	CS340 Ovation Deluxe/LE	1989-1998	YTX14AHL-BS	YB14L-A2	12N14-3A
340	EC340 Excel III	1981-1988	YTX14AHL-BS	YB14L-A2	12N14-3A
340	ET340E Enticer	1979	YTX24HL-BS	Y50-N18L-A-CX	
340	ET340E Enticer	1980	YTX14AHL-BS	YB14L-A2	12N14-3A
480	PZ480E Phazer Deluxe	1984-1989	YTX14AHL-BS	YB14L-A2	12N14-3A
480	PZ480E Phazer II LE/SS	1990-1998	YTX14AHL-BS	YB14L-A2	12N14-3A
480	VT480 Venture GT	1992-1993	YTX14AHL-BS	YB14L-A2	12N14-3A
480	VT480 Venture XL	1991-1997	YTX14AHL-BS	YB14L-A2	12N14-3A
480	VT480TR Venture TR Electric	1998	YTX14AHL-BS	YB14L-A2	12N14-3A
500	Phazer	2013	YTX14-BS		
500	PZ500DX Phazer Deluxe	2001	YB16AL-A2		
500	PZ50/GT/MP/MT/RT/VT	2009-on	YTX14AH-BS	YTX14-BS	
500	Venture Lite	2013	YTX14-BS		
500	VT500 Venture	1997-2001	YB16AL-A2		
500	VT500 Venture XL	1999-2000	YB16AL-A2		
500	VX500E Vmax	1994-2001	YB16AL-A2		

ENGINE CC	MODEL	YEAR	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
YAMAHA CONTINUED					
540	EC540 Excel	1979-1980	YTX24HL-BS	Y50-N18L-A-CX	
540	VK540E/II/III	1989-2003	YB16AL-A2		
540	XL540 XLV	1985-1990	YB16AL-A2		
570	EX570E Exciter	1988-1990	YB16AL-A2		
570	EX570E Exciter II LE	1991-1993	YB16AL-A2		
600	VT600 Venture	1997-1998	YB16AL-A2		
600	VT600 Venture	1999-2006	YTX24HL-BS	Y50-N18L-A-CX	
600	VX600DX Vmax Deluxe	1999-2001	YTX24HL-BS	Y50-N18L-A-CX	
600	VX600E/DX Vmax LE/DX	1994-1996	YB16AL-A2		
600	VX600ER Vmax ER	2002-2003	YTX24HL-BS	Y50-N18L-A-CX	
600	VX600XTC Vmax XTC	1997-1998	YB16AL-A2		
700	SXV700ER SXViper ER	2002-2005	YTX24HL-BS	Y50-N18L-A-CX	
700	VT700 Venture	1998-2004	YTX24HL-BS	Y50-N18L-A-CX	
700	VX700DX Vmax Deluxe	1999-2000	YTX24HL-BS	Y50-N18L-A-CX	
700	VX700ER Vmax ER	2001-2002	YTX24HL-BS	Y50-N18L-A-CX	
700	VX700XTCD Vmax XTC Deluxe	1998	YTX24HL-BS	Y50-N18L-A-CX	
500	Phazer	2012	YTX14-BS		
500	Venture Lite	2012	YTX14-BS		
973	RS Viking Professional	2009-2013	GYZ20HL	GYZ20L	YTX20HL-BS
973	RS90GT/LTGT	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
973	Vector	2009	GYZ20HL	GYZ20L	YTX20HL-BS
1000	Apex	2009-2013	YTX14-BS		
1000	RS1000S/GT/RS		GYZ20HL	GYZ20L	YTX20HL-BS
1000	RX1000R RX (All Models)	2003-2005	GYZ20HL	GYZ20L	YTX20HL-BS
1000	RX10GT	2009-on	YTX14-BS		
1000	RX10 LTGT/MT/MTR/RTR	2009-on	YTX14-BS		
1049	FX10RTRS/XT	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS
1049	FX Nitro	2013	GYZ20HL	GYZ20L	YTX20HL-BS
1049	RS Venture	2013	GYZ20HL	GYZ20L	YTX20HL-BS
1049	RS Vector	2013	GYZ20HL	GYZ20L	YTX20HL-BS
1049	RS Viking proffesional	2009-2012	GYZ20HL	GYZ20L	YTX20HL-BS
1049	RST90GT/TF	2009-on	GYZ20HL	GYZ20L	YTX20HL-BS

Why do Batteries Fail?

BATTERIES HAVE A FINITE LIFE, DETERMINED BY THE APPLICATION AND THE OPERATING CONDITIONS. BATTERY FAILURE CAN BE ATTRIBUTED TO VARIOUS FACTORS, HOWEVER THE CAUSES OF FAILURE FALL UNDER TWO DISTINCT CATEGORIES: MANUFACTURING AND NON-MANUFACTURING FAULTS.



Manufacturing Faults

» Internal Short Circuit / Dead Cell

This is when contact is made between the positive and negative plates causing a cell to discharge, resulting in a drop in voltage and battery failure.



Non Manufacturing Faults

» Wear and Tear

As a battery ages, grid metal corrodes and active material is lost from the plate.

Over time this leads to a point where the battery will no longer be able to start a vehicle. High temperature will accelerate degradation rates.

» Physical Damage

Incorrect fitment, handling and storage often leads to external damage and subsequent battery failure. Examples include over tightening the terminal leads or battery hold down bracket and dropping or knocking the battery casing.

» Incorrect Application

Fitting a smaller, lower capacity battery or a battery designed for another application can lead to early failure.

» Lack of Maintenance

Failing to regularly maintain the battery's state of charge, fluid levels or terminal connections will accelerate battery failure.

» Undercharging

Lead acid batteries must be kept charged at all times. The leading cause of early battery failure comes from undercharging. Prolonged undercharging from short journeys and stop-start driving can cause plate sulphation and acid stratification which reduce battery life.

» Overcharging

Excessive voltage and current is the primary cause of overcharging. This can happen due to a faulty charging system or if the charging output is not compatible with the battery. Temperature can also increase the chances of overcharging, especially when the battery is inadequately ventilated in a constant high temperature environment.

» Over Discharge

A battery being discharged to 100% of its capacity regularly will cause permanent damage to the internals of the battery.

» Vibration

Batteries installed in applications that are exposed to high levels of vibration from moving equipment, uneven road conditions, insecure fitment or engine harmonics can be detrimental to the life of the battery. It is important to install a battery that is designed to handle these conditions.

» Exposure to High Temperatures

As the temperature increases, so does the chemical reaction inside the battery, leading to an increased rate of corrosion. High temperature increases gassing & water loss in the battery, leading to further self-discharge. Batteries in high temperature environments need to be well ventilated and have temperature compensation to reduce the output as the temperature rises, to avoid overcharging.

Factors Affecting Battery Life

AS BATTERIES OPERATE AND AGE, THEY GRADUALLY LOSE THEIR CAPACITY. THE CONSTANT CHARGE AND DISCHARGE PROCESS EVENTUALLY LEADS TO FAILURE. COMPONENTS CORRODE OVER TIME, ELECTRICAL SHORTS OCCUR AND VIBRATION CAUSES DAMAGE; EVENTUALLY CAUSING FAILURE. OVERCHARGING AND UNDERCHARGING A BATTERY WILL ALSO HAVE A BEARING ON BATTERY LIFE.



Early Warning Signs

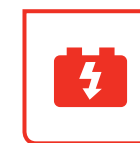
Batteries often fail when least expected, this can be avoided with regular battery testing. Time plays a key indicator, too often motorists hold off replacing the battery and end up inconvenienced by a roadside breakdown.

Typical warning signs include a slower than normal ability to crank the engine. Other less noticeable factors, such as changed driving patterns and colder/hotter weather will all have an affect on the life of a battery. Regular battery testing can identify suspect batteries before they fail and avoid the inconvenience of a roadside breakdown.



Battery Inspection

Taking good care of a battery can significantly extend its service life and prevent early battery failure. (Refer to page 140 for battery care and maintenance advice)



Discharged (flat) Batteries

A voltage below 12.5V for 12V batteries or 6.2V for 6V batteries or a low specific gravity reading of 1.240 or less in all cells indicates a discharged battery and it must be charged before further examination and testing can occur. The discharged condition may be due to the battery not being used for an extended period of time or a problem in the electrical system. Internal shorts may also be due to manufacturing defects, the ageing process or vibration damage.



Useful Tips

- » Many alleged 'dead batteries' are merely flat batteries.
- » Ensure the battery is properly tested before replacing it.
- » It is difficult to know exactly when a battery might fail. A slow starting engine is sometimes an indication.
- » Old batteries can give trouble in colder weather.

Battery Care & Maintenance*

REGULAR TESTING AND INSPECTION WILL HELP TO MAXIMISE BATTERY LIFE. A ROUTINE INSPECTION AT LEAST ONCE A MONTH IS RECOMMENDED TO MAINTAIN OPTIMUM PERFORMANCE.

Use the following as a guide when examining the battery:



1. Make sure the battery is always fully charged. (Refer to page 146-147 for battery charging advice)



2. Ensure the battery top is clean, dry and free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.



3. Inspect battery terminals, screws, clamps and cables for breakage, damage or loose connections. They should be tight, clean and free of corrosion.



4. Clean terminals, clamps and connectors as necessary using a grease cutting solution.

5. Inspect case for obvious signs of physical damage or warpage. This usually indicates the battery has overheated or been overcharged.

6. Check the vent tube is not kinked, pinched or otherwise obstructed.

7. If you have a maintainable battery, it is important to check if the battery has sufficient electrolyte covering the battery plates. If topping up is required, do not overfill as the fluid levels will rise when the battery is fully charged and may overflow. Top up using distilled or demineralised water and never fill with sulphuric acid.

8. For batteries used in seasonal applications and stored long term, fully recharge the battery prior to storing. Check the state of charge or voltage regularly. Should the voltage drop below 12.5V for 12V batteries or 6.2V for 6V batteries, recharge the battery. It is important to check the battery completely before reconnecting to electrical devices.

9. Test battery using either a hydrometer, voltmeter or digital tester and charge if necessary. (Refer to page 144-145 for battery testing advice.)

Battery Health & Safety[#]



Battery Acid

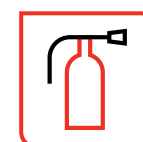
» Battery acid can cause burns. Suitable hand, eye and face protection and protective clothing must be worn.



First Aid

» For advice, contact the poisons information centre (phone 13 11 26 in Australia) or a doctor immediately. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by poisons information centre or doctor, or for at least 15 minutes.

» If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water.



Acid Spill Response

» Bund and neutralise spills with soda ash or other suitable alkali. Dispose of residue as chemical waste or as per local requirements.



If Electrolyte is Swallowed

» Do NOT induce vomiting — give a glass of water. Seek immediate medical assistance.



If it is Necessary to Prepare Electrolyte

» Always add concentrated acid to water — never water to acid. Store electrolyte in plastic containers with sealed cover. Do not store in the sun.



Exploding Battery

» Batteries generate explosive gases during vehicle operation and when charged separately. Flames, sparks, burning cigarettes or other ignition sources must be kept away at all times. Exercise caution when working with metallic tools or conductors to prevent short circuits and sparks.



Always Wear Eye Protection When Working Near Batteries

» When charging batteries, work in a well-ventilated area — never in a closed room.

» Always turn battery charger or ignition off before disconnecting a battery.*

Battery Activation

Never activate the battery on the vehicle as acid electrolyte spillage can cause serious damage. Always follow the filling instructions supplied with the battery, paying particular attention to recommended standing times. Always wear suitable eye, face and hand protection as well as protecting clothing. Check Battery Health & Safety instructions on page 141.

The following steps outline the procedures for activating Yuasa's Maintenance Free AGM batteries:



1. Remove foil strip which runs across the top of the battery filling reservoir.



2. Remove electrolyte from safety bag and remove strip of caps. **IMPORTANT:** Do not discard this strip as it acts as the battery sealing plug and is required later. Do not attempt to separate the individual electrolyte cells.



3. Place electrolyte container, sealed top of the cells down, into the filler ports of the battery and push down to break the seals. Ensure the electrolyte container is kept in an upright position during this process.



4. Ensure container completely empties. If no air bubbles are coming from the filler ports or if container cells haven't emptied, tap the container a few times. Do not remove the container until it is empty.



5. Remove container and allow battery to stand for a minimum of 1 hour to allow the electrolyte to permeate into the plates.



6. Loosely replace the cap strip (as referred to in step 2) over the filling holes. Do not press down firmly or lock this into position at this stage.



7. Charge your battery according to the instructions printed on the battery and outlined on pages 146-147.



8. After charging is complete, press the cap strip firmly into the cap seats. It will click when correctly in place. Do not pound or hammer into place. **IMPORTANT:** Never remove the cap strip or add water or electrolyte to the battery during its service life.

The following steps demonstrate the steps for activating Yuasa's Conventional, Yumicron, and Yumicron CX batteries:



1. Remove sealing tube (red cap) and discard. Do NOT put this cap back on after the battery has been filled with electrolyte.



2. Remove filling plugs located on battery top. Fill with electrolyte to UPPER FILL level. NEVER use water or any other liquid to activate.



3. Allow battery to stand for at least 1 hour. Move or gently tap the battery during this time to expel any air bubbles. If acid levels have fallen, refill to UPPER FILL level with electrolyte.



4. Loosely replace refilling plugs to avoid electrolyte spitting during charging.



5. Prior to installation the battery should be completely charged for three to five hours at a current equivalent of 1/10 of its rated capacity as found in the specification pages of this guide. Eg. Use 1amp charging current on a 10ah battery.



6. During initial charging, check to see if electrolyte level has fallen. If yes, fill with electrolyte to UPPER FILL level and charge for another hour at the same rate as above. **Note:** This is the last time electrolyte should be added. When topping up electrolyte levels when the battery is in service, demineralised or de-ionised water should be used.



7. Check the filling plugs are securely fitted for screw in types – do not excessively tighten.



8. Wash spilled acid with water and baking soda solution, to ensure any acid is washed off the terminals.



REMEMBER: YUASA GYZ and selected VRLA batteries are supplied factory activated (filled, sealed and charged at the factory). Unlike a conventional battery, sealed VRLA batteries do not require electrolyte levels to be topped up. Never pry off sealing caps as it can be dangerous and damaging.

Battery Testing

BATTERY TESTING SHOULD FORM PART OF A REGULAR MAINTENANCE ROUTINE AND CAN BE CONDUCTED USING EITHER A VOLTMETER, HYDROMETER OR DIGITAL BATTERY TESTER.

Voltage & Specific Gravity

Voltage (V) and Specific Gravity (SG) are measurements used to determine a battery's state of charge. Voltage is a quick and easy way of measuring charge levels and can be performed on each type of Yuasa battery. It is conducted by connecting either a multi-meter or voltmeter and obtaining a DC reading.

When using a voltmeter or multi-meter always remember to connect it parallel to the circuit being tested, observing polarity; otherwise the pointer will travel in the wrong direction.

Hydrometers measure the specific gravity of the electrolyte and indicate the density of electrolyte compared to water. As this requires access to acid reservoirs it is only suitable for use with Conventional and Yumicron batteries.

Digital Battery Testers

Microprocessor controlled digital battery testers are easy to use, very safe and can help determine early battery failure. The tester works by transmitting a small signal through the battery that uses measurements of conductance or resistance (impedance) to indicate battery condition.

Most models provide battery, starting and charging tests. Printer options enable results to be given to the customer.

Testing Methods

Unloaded Tests are performed without discharging current using either testing device. A specific gravity reading of 1.265 to 1.280 shows a full charge whereas a reading of 1.210 to 1.240 indicates the battery should be charged. If the stabilised open circuit reading of a sealed maintenance free battery is below 12.5V it requires recharging.

Low-load tests

Conducted using a multi-meter or voltmeter whilst running an onboard accessory such as lights, and taking a voltage reading. The battery in a 12V system should have at least 11.5V DC with the lights on and a 6V system should have at least 5.75V DC. If the voltage drops below these levels the battery needs charging.

The following table shows the measured charge levels using a voltmeter:

VOLTMETER			
STATE OF CHARGE	SEALED VRLA	YUMICRON & YUMICRON CX	CONVENTIONAL
100%	13.0V	12.7V	12.6V
75%	12.8V	12.5V	12.4V
50%	12.5V	12.2V	12.1V
25%	12.2V	12.0V	11.9V
0%	12.0V or Less	11.9V or Less	11.8V or Less

Testing Equipment

Midtronics

Midtronic's testers and their patented conductance technology are recognised worldwide as the standard for determining battery condition. They are the required test method for battery warranty decisions for the majority of the world's leading vehicle manufacturers and dealerships.

Ideal for testing batteries both in and out of the vehicle, they provide fast, accurate, on-the-spot test results regarding a battery's state of health.



FBT-50

The FBT-50 provides a simple, fast, safe and accurate testing solution for powerports batteries using the proven technology adopted by Motorcycle OEM service dealers throughout the world. It provides test results in seconds without the need for user interpretation for on the spot condition of health and state of charge decisions. Suitable for use on all 12V motorcycle, scooter, ATV and personal watercraft batteries, the FBT-50 tester incorporates a live voltmeter mode for estimating starter and charging system output.

- » Accurate battery test decision in seconds
- » Live voltmeter mode
- » Tests discharged batteries
- » Durable design for use in workshop or field

ITEM ID	PRODUCT TYPE	WARRANTY	TESTING RANGE	BATTERY CAPACITY	WEIGHT
191001	FBT-50	12 months	10-500 CCA	2.3-30 Ah	0.427kg

MDX-658P

Utilising the very latest in battery testing technology the MDX-658P provides fast, accurate and easy to use diagnostics with the added value of testing a range of traditional battery types.

Suitable for powersports applications as well as automotive batteries, it offers an array of testing capabilities including battery state of health, cranking health, charging system analysis and advanced starter and alternator diagnosis.

ITEM ID	PRODUCT TYPE	WARRANTY	TESTING RANGE	WEIGHT
191013	MDX-658P	12 months	100-2000 CCA	0.95kg



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Battery Charging

CHARGING A LEAD ACID BATTERY IS THE PROCESS OF REPLACING THE ENERGY REMOVED DURING DISCHARGE, PLUS EXTRA TO COMPENSATE FOR ANY CHARGING INEFFICIENCIES. THE AMOUNT OF ENERGY NECESSARY FOR COMPLETE RECHARGE OF A POWERSPORTS BATTERY DEPENDS ON THE DEPTH OF DISCHARGE, RATE OF RECHARGE AND TEMPERATURE. TYPICALLY 110% - 120% OF THE DISCHARGED AMPERE-HOURS DEPENDING ON BATTERY TYPE MUST BE RETURNED TO THE BATTERY TO ACHIEVE FULL RECHARGE.



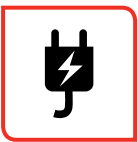
Safety first

Before attempting to charge a battery with an external battery charger, it is important to be aware of the safety precautions and follow the instructions outlined by the charger manufacturer.

- 1. Turn the charger off before attaching, rocking or removing the terminal clamps.
- 2. Keep open flames and sparks away from the battery.
- 3. Keep vent caps in place.
- 4. Charge in well ventilated area.
- 5. Follow the battery charger manufacturer's instructions to avoid overheating.

Dangerous explosive gases are generated during the charging process that can be ignited by a variety of sources including, sparks, naked flames and static electricity.

It is highly recommended to wear PPE (Personal Protection Equipment) including safety glasses, chemical resistant gloves and overalls.



Selecting the correct charger

Lead acid batteries should be charged in 3 stages; constant current (boost), constant voltage (absorption) and float charge.

When choosing a battery charger, it is important to select a charger that delivers the specified charging voltage and current to suit the battery type.

Trickle or taper chargers deliver a low rate of charge over time and are ideal for motorbikes that are used occasionally. They are designed to be connected to the battery for extended periods of time to maintain charge levels and combat the effects of self-discharge.

Care should be taken not to over-charge a battery as this decreases the volume of electrolyte and may lead to serious damage.

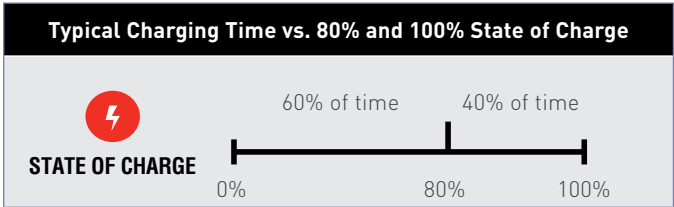


Charging Time

It will take about 60% of the total charging time to charge a lead acid battery to 80%, and the remaining 40% of the time to put the last 20% of charge back into the battery.

The recharging duration is difficult to determine due to variables such as:

- » Depth of discharge
- » Size and efficiency of the charger
- » Temperature
- » Age and condition of the battery



The following table shows approximate charging times to fully charge Yuasa MF VRLA batteries with a Constant Current Charger:

STATE OF CHARGE VOLTAGE	VOLTAGE	CHARGE TIME USING CONSTANT CURRENT CHARGER @ STD. AMPS SPECIFIED ON THE BATTERY
100%	12.8V - 13.0V	None required
75-100%	12.5V - 12.8V	3 - 6 hours
50-75%	12.0V - 12.5V	5 - 11 hours
25-50%	11.5V - 12.0V	13 hours
0-25%	11.5V - or less	20 hours

Charging times may vary depending on the type of charger; always follow the instructions on your charger for the correct charging procedure.



Charging current

Conventional and Yumicron batteries should be charged at 1/10 of the battery's rated 10 hour ampere-hour capacity. To calculate this value, divide the battery amp hour capacity by 10. VRLA batteries should be charged at 2/10 of the battery's rated 10 hour ampere-hour capacity. To calculate this value, divide the battery amp hour capacity by 5.

The battery's rated 10 hour ampere-hour rating is located in the battery specification tables. To determine the charging time for a completely discharged battery, multiply the ampere hour rating by 1.3 when charging with standard current.



Newly activated batteries

Once activated, batteries are only approximately 80% charged and need to be charged to 100% before use.

- » When charging a newly activated sealed VRLA battery refer to the standard (STD) charging method printed on the battery.
- » Readings for a charged newly-activated maintenance free VRLA battery should be 12.8V or higher after the battery is charged and is left to sit for at least 1-2 hours. If less, it needs an additional charge.

Chargers & Maintainers

Suitable for charging and maintaining 6 Volt & 12 Volt conventional lead acid batteries including:

- » Sealed Maintenance Free (SMF) flooded calcium batteries
- » Absorbed Glass Mat (AGM) and maintainable flooded batteries
- » Gel electrolyte type batteries

Incorporating a unique and patented rejuvenation technology, these chargers have the ability to recover heavily discharged batteries, and will activate from as low as 3 Volts#.

ITEM ID	PRODUCT TYPE	BATTERY TYPE	MIN. START VOLTAGE	CHARGING RANGE
690012	CC6121.2	All SMF [Calcium], AGM/Flooded, Gel	3/8 Volt	6/12 Volt 1.2 Amp 8 Stage smart battery charger and maintainer. Charges batteries rated up to 24Ah [‡] . Maintains batteries rated up to 100Ah.
690010	CC1206	All SMF [Calcium], AGM/Flooded, Gel	3 Volt	12 Volt 6 Amp 9 Stage smart battery charger and maintainer. Charges batteries rated up to 120Ah [‡] . Maintains batteries rated up to 180Ah.

[‡]Based on 5 to 30% of battery Ah ratings. For optimum charging, 10% of battery Ah rating is recommended for flooded batteries and 20% of battery Ah rating is recommended for AGM & Gel batteries. *8 Volt activation on the CC6121.2, when 12 Volt setting is selected. *Conditions apply. Refer to the warranty section of the owner's manual.



Avoid quick charging, this only charges the surface of the battery plates and can increase the chance of overheating and lead to permanent battery damage.

For more information on the Yuasa Powersports range of products and services, contact your nearest Yuasa sales office on **1300 362 287**

Queensland

37-65 Cobalt Street
Carole Park QLD 4300

New South Wales

17 Shale Place
Eastern Creek, NSW 2766

Victoria

42-46 Dunlop Road
Mulgrave, VIC 3170

South Australia

106-110 Hayward Avenue
Torrensville, SA 503

Western Australia

94B Harrison Road
Forrestfield, WA 6058

Tasmania

Unit 2, 10 Mowbray Street
Invermay, Launceston, TAS 7248



DISCLAIMER: The replacement battery information published in this selection guide has been obtained from the equipment manufacturers listed and unpublished information sources, except as otherwise noted. Users are cautioned that the information contained in this selection guide was the most current information at the time of publication and that such information is subject to change without notice from equipment manufacturers or field experience. Users should use the most current edition of the Yuasa Powersports battery guide. Century Yuasa Batteries Pty Ltd expressly denies any responsibility for the accuracy of the information provided to us. While we have made every effort to accurately catalogue the replacement battery information contained within this guide, Century Yuasa Batteries Pty Ltd denies any liability for damages as a consequence of using the information in this guide. Users should also attempt to obtain replacement battery information from the equipment manufacturer's user manual or service department for the specific application. YM101-002a