



## Symbols - Abbreviations - References

To allow quick and easy consultation, this manual uses graphic symbols to highlight situations in which maximum care is required, as well as practical advice or information. Pay attention to the meaning of the symbols since they serve to avoid repeating technical concepts or safety warnings throughout the text. The symbols should therefore be seen as real "reminders". Please refer to this page whenever in doubt as to their meaning.

The terms right-hand and left-hand refer to the motorcycle viewed from the riding position.



**Warning**

Failure to comply with these instructions may put you at risk, and could lead to severe injury or even death.



**Important**

Failure to follow the instructions in text marked with this symbol can lead to serious damage to the motorcycle and its components.



**Note**

This symbol indicates additional useful information for the current operation.








**Disposal**

This symbol supplies information on the disposal of a substance/material.





## Product specifications

Symbols in the diagram show the type of threadlocker, sealant or lubricant to be used at the points indicated. The table below shows the symbols used and the specifications of the various products.





Symbol	Specifications	Recommended product
<b>LOCTITE</b>		
	LOCK 1 Low-strength threadlocker.	Loctite 222
	LOCK 2 Medium-strength threadlocker, compatible with oil.	Loctite 243 (or THREE BOND TB1324)
	LOCK 3 High-strength threadlocker for threaded parts.	Loctite 270
	LOCK 4 Surface sealant resistant to high mechanical stress and solvents. Resists high temperatures (up to 200 °C) and pressures up to 350 bar; fills gaps up to 0.4 mm.	Loctite 510
	LOCK 5 Permanent adhesive for free sliding cylindrical couplings or threaded couplings on mechanical parts, coaxial parts. High resistance to mechanical stress and solvents. Temperature range: -55 to 175 °C.	Loctite 648 Loctite 128455 (ex. 648 BV)

Symbol	Specifications	Recommended product
	LOCK 6 Pipe sealant for pipes and medium to large fittings. For water and gases (except oxygen). Maximum filling capacity: 0.40 mm (diameter clearance).	Loctite 577
	LOCK 7 Instant adhesive for rubber and plastics with elastomer charged ethyl base.	Loctite 480
	LOCK 9 Medium-strength threadlocker.	Loctite 406
	LOCK 10 Product for metal parts to seal and lock freely sliding cylindrical couplings or threaded couplings. Resistant to high mechanical stress and high temperature, excellent resistance to solvents and chemical attack.	Loctite 128443 (former 648 AV)
	LOCK 11 Medium-strength threadlocker.	Loctite 401
	LOCK 12 Instant adhesive gel offering tensile/shear strength.	Loctite 454 gel
<b>OTHER SEALING AGENTS</b>		
	DUCATI sealing compound.	THREE BOND 1215
	Sealing compound	THREE BOND 1207B
	One-component sealing compound	SIKAFLEX 221
	Exhaust pipe sealing paste. Self-sealing paste hardens when heated and resists temperatures exceeding 1000 °C.	Holts Firegum
	Sealing compound.	BOSTIK clear universal silicone

Symbol	Specifications	Recommended product
	Sealing compound.	Ser Sil Silver
<b>VEHICLE/ENGINE GREASE</b>		
	GREASE A Multipurpose, medium fibre, lithium grease.	SHELL Alvania R3
	GREASE B Molybdenum disulphide grease, high mechanical stress and high temperature resistant.	SHELL Retinax HDX2 or SHELL Gadius S2 V220 AD 2
	GREASE C Bearing/joint grease for parts subject to prolonged mechanical stress. Temperature range: -10 to 110 °C.	SHELL Retinax LX2
	GREASE D Protective grease, with anti-corrosive and waterproofing properties.	SHELL Retinax HD2
	GREASE E Grease	PANKL - PLB 05
	GREASE F Grease	(Vehicle): OPTIMOL - PASTE WHITE T (Engine): PANKL — PLB03
	GREASE G Grease	PANKL - PLB07
	GREASE H Grease	KLÜBER STABURAGS NBU 30 PTM
	GREASE I Copper grease	CUPRUM 320
	GREASE L Grease	FLUOROCARBON GEL 880
	GREASE M Grease	ROCOL — DRY MOLY PASTE
	GREASE N Grease	AKRAPOVIC — CERAMIC ANTI SEIZE PASTE
<b>PROTECTIVE AGENTS</b>		

Symbol	Specifications	Recommended product
	Spray used to protect electric systems. Eliminates moisture and condensation and provides excellent corrosion resistance. Water repellent.	SHELL Advance Contact Cleaner
	Spray used to protect electric systems. Eliminates moisture and condensation and provides excellent corrosion resistance. Water repellent.	SHELL Advance Contact Cleaner
	Spray used to protect electric systems. Eliminates moisture and condensation and provides excellent corrosion resistance. Water repellent.	Arexons TL246
	Spray used to protect electric systems. Eliminates moisture and condensation and provides excellent corrosion resistance. Water repellent.	Nyogel 760G




#### LUBRICANT FOR RUBBER PARTS

	Emulsion for lubrication of rubber.	P 80
	Concentrated lubricant for tyre installation.	Michelin
	Denatured alcohol.	Denatured alcohol
	Protection lubricant emulsion.	KLUBERPLUS S 06/100

#### THERMAL COMPOUND

	Thermal compound.	HTC Electrolube
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#### LUBRICANTS FOR MECHANICAL ELEMENTS

	Engine oil (for characteristics see "Fuel, lubricants and other fluids").	SHELL Advance 4T Ultra
	SAE 80-90 gear oil or special products for chains with O-rings.	SHELL Advance Chain
	Dry lubricant, polymerising on contact with air.	Molykote D321R Molykote M55 Plus

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