

LOCTITE[®]

MOTORCYCLE APPLICATION GUIDE







LOCTITE® MOTORCYCLE APPLICATION GUIDE

It's all about our **LOCTITE® PRODUCTS** and **YOUR BIKE**

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KEEP IT TIGHT. USE LOCTITE®.



We have A LOCTITE® PRODUCT for every application you need TO FIX YOUR RIDE



Since the invention of the first gas-engine motorcycle in 1885, there has been a love affair between humans and their motorized bikes, often referred to as their “ride”. In the early days of motorcycling, enthusiasts were referred to as “adventurers”. Today, those involved in these love affairs come from all walks of life, different income levels and careers, and even from both genders. But one thing is the same no matter who you are or what brand of bike you ride – proper maintenance and repair of your bike is **critical**.

We at Henkel are proud to provide you with this motorcycle application guide which outlines the right Loctite® product solutions for every part of your bike. With this guide, you can maintain and/or improve the performance, safety and reliability of your motorcycle.

Making a small investment, in factory-approved Loctite® products today, will prevent costly repairs tomorrow. There is nothing new about these Loctite® application tips, they have been used on motorcycles and passed down the generations for over 50 years. But now you have all the applications clearly called-out on one-of-a-kind 3-D drawings.

You know the vibration your motorcycle endures and how hard the road can be on your ride, so keep it tight – use Loctite®.

Product Applications for Motorcycle Body



HANDLEBAR BRACKETS

Loctite® 242® Threadlocker

MIRROR FIXTURES

Loctite® 242® Threadlocker

THROTTLE CONTROL GRIP SCREW

Loctite® 222™ Threadlocker

HEADLIGHT BULB

Loctite® Dielectric Grease

CLUTCH INSPECTION COVER BOLTS

Loctite® 243™ Threadlocker

CLUTCH RELEASE COVER

Loctite® 598™ Black High Performance RTV Silicone Gasket Maker

OIL PRESSURE SWITCH

Loctite® 565™ PST® Thread Sealant

COIL COVER SCREW

Loctite® 243™ Threadlocker

SEAT BOLTS

Loctite® 243™ Threadlocker

SLIDE BOLTS

Loctite® ViperLube® High Performance Synthetic Grease

SHIFTER BRACKET BOLTS

Loctite® 243™ Threadlocker

TAIL/STOP LAMP SCREWS AND TURN SIGNAL SCREWS

Loctite® 222™ Threadlocker

ALL LIGHT BULBS

Loctite® Dielectric Grease

LICENSE PLATE BOLTS

Loctite® 222™ Threadlocker

REAR AXLE ADJUSTER BOLT

Loctite® 243™ Threadlocker



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FRONT BRAKE MASTER CYLINDER COVER SCREW

Loctite® 222™ Threadlocker

STEERING HEAD BEARINGS

Loctite® ViperLube® High Performance Synthetic Grease

TURN SIGNAL SCREWS

Loctite® 222™ Threadlocker

FUEL SUPPLY VALVE

Loctite® 565™ PST® Thread Sealant

AIR CLEANER COVER BOLT

Loctite® 243™ Threadlocker

INSPECTION PLUG

Loctite® 243™ Threadlocker

VOLTAGE REGULATOR BOLTS

Loctite® 243™ Threadlocker

WHEEL BEARINGS

Loctite® ViperLube® High Performance Synthetic Grease

AXLE

Loctite® Silver Anti-Seize

SMALL FASTENER BOLTS

Loctite® 242® Threadlocker

PRIMARY CHAIN INSPECTION COVER SCREWS

Loctite® 243™ Threadlocker

SHOCK BOLT

Loctite® 242® Threadlocker

PRIMARY DRAIN PLUG

Loctite® 565™ PST® Thread Sealant

REAR FENDER NUTS

Loctite® 242® Threadlocker

MUFFLER END CAPS

Loctite® 5920™ Copper High Performance RTV Silicone Gasket Maker

KEEP IT TIGHT. USE LOCTITE®.

Product Applications for Motorcycle Engine



EXHAUST FLANGE NUTS

Loctite® 243™ Threadlocker

ALL PLUG WIRES AND ELECTRICAL CONNECTIONS

Loctite® Dielectric Grease

ROCKER COVER BOLTS

Loctite® 243™ Threadlocker

SPARK PLUGS

Loctite® Silver Anti-Seize Stick

VALVE COVER

Loctite® 515™ Gasket Maker

EXHAUST MANIFOLD STUDS

Loctite® Anti-Seize Lubricant – Copper

HEAD BOLTS

Loctite® Silver Anti-Seize Stick

CRANKCASE BOLTS

Loctite® 262™ Threadlocker

DRIVE SPROCKET RETAINING NUT

Loctite® 262™ Threadlocker

OIL LINE FITTING

Loctite® 565™ PST® Thread Sealant

TIMING PLUGS (AND ALL DRAIN PLUGS – OIL, PRIMARY, TRANSMISSION – NOT SHOWN)

Loctite® 565™ PST® Thread Sealant



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INDUCTION MODULE TO MANIFOLD FASTENERS

Loctite® 290™ Threadlocker

SPARK PLUG BOOT AND CONNECTION

Loctite® Dielectric Grease

TRANSMISSION SPROCKET NUT

Loctite® 262™ Threadlocker

CLUTCH BASKET BOLTS

Loctite® 243™ Threadlocker

CLUTCH HAND NUT

Loctite® 262™ Threadlocker

COMPENSATING SPROCKET NUT

Loctite® 271™ Threadlocker

PRIMARY DRIVE RETAINER BOLTS

Loctite® 243™ Threadlocker

KEEP IT TIGHT. USE LOCTITE®.

Product Guide



Loctite® 222™ Threadlocker **Low Strength/Small-Screw / Purple**

Ideal for fastener diameters of 1/4" (6 mm) and smaller. Controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

Motorcycle Applications:

Body: Front Brake Master Cylinder Cover Screw
License Plate Bolts
Tail/Stop Lamp Screws
Throttle Control Grip Screw
Turn Signal Screws

Loctite® 242® Threadlocker **Medium Strength / Blue**

A general purpose, removable threadlocker for fasteners between 1/4" and 3/4" (6 to 20 mm) diameters. Controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

Motorcycle Applications:

Body: Handlebar Brackets
Mirror Fixtures
Rear Fender Nuts
Shock Bolt
Small Fastener Bolts

Loctite® 243™ Threadlocker **Medium Strength/Oil Resistant / Blue**

A general purpose, medium strength threadlocker with improved oil tolerance. For fasteners between 1/4" and 3/4" (6 to 20 mm) diameters.

Motorcycle Applications:

Body: Air Cleaner Cover Bolt
Coil Cover Screw
Clutch Inspection Cover Bolts
Inspection Plug
Primary Chain Inspection Cover Screws
Rear Axle Adjuster Bolt
Seat Bolts
Shifter Bracket Bolts
Voltage Regulator Bolts

Engine: Clutch Basket Bolts
Exhaust Flange Nuts
Primary Drive Retainer Bolts
Rocker Cover Bolts

Loctite® 262™ Threadlocker **Medium to High Strength / Red**

A permanent threadlocker for fasteners up to 3/4" (20 mm) in diameter. High lubricity for easy assembly. Excellent for preventing rust and corrosion in extreme chemical/environmental conditions.

Motorcycle Applications:

Engine: Clutch Hand Nut
Crankcase Bolts
Drive Sprocket Retaining Nut
Transmission Sprocket Nut

Loctite® 271™ Threadlocker **High Strength / Red**

Locks fasteners up to 1 1/2" (36 mm). Protects threads from rust and corrosion. Removable with heat and hand tools.

Motorcycle Applications:

Engine: Compensating Sprocket Nut

Loctite® 290™ Threadlocker **Wicking Grade / Green**

A medium strength threadlocker for pre-assembled bolts up to 1/2" (12 mm). Penetrates threads by capillary action. Secures set screws and other assemblies after settings are completed. Seals welds and porous metal parts. Protects threads from rust and corrosion. Localized heating and hand tools are needed for disassembly.

Motorcycle Applications:

Engine: Induction Module to Manifold Fasteners

Loctite® 515™ Gasket Maker

Makes flexible gaskets for rigid machined flanges with less than 0.05" gap. Flexes with flanges that move in service.

Motorcycle Applications:

Engine: Valve Cover



Loctite® 565™ PST® Thread Sealant Controlled Strength

A general purpose pipe sealant that cures into a resistant plastic. Excellent solvent resistance and withstands temperatures to 300°F (149°C). Sealing is effective on threaded joints up to 2" in diameter.

Motorcycle Applications:

Body: Fuel Supply Valve
Oil Pressure Switch
Primary Drain Plug

Engine: All Drain Plugs – Oil, Primary and Transmission
Oil Line Fitting
Timing Plugs

Loctite® 598™ Black High Performance RTV Silicone Gasket Maker

Retains high flexibility and oil resistance for longer gasket life. Temperature range is -75°F to 625°F (-59°C to 329°C) intermittent. Low odor, non-corrosive, low volatility. Resistant to most chemicals and solvents. Fills gaps to 0.25".

Motorcycle Applications:

Body: Clutch Release Cover

Loctite® 5920™ Copper High Performance RTV Silicone Gasket Maker

Premium silicone that can withstand operating environments to 700°F (371°C) intermittent. Superior oil resistance. Low odor, non-corrosive, low volatility, non-conductive. Resistant to most chemicals and solvents. Fills gaps to 0.25".

Motorcycle Applications:

Body: Muffler End Caps

Loctite® Anti-Seize Lubricant – Copper

Exclusive formula suspends copper and graphite in a high quality grease. Protects metal parts from rust, corrosion, galling, and seizing at temperatures to 1800°F (982°C).

Motorcycle Applications:

Engine: Exhaust Manifold Studs

Loctite® Dielectric Grease

Provides a moisture-proof barrier that lubricates and protects electrical equipment from salt, dirt, and corrosion. High dielectric strength. Good thermal, oxidation and chemical stability.

Motorcycle Applications:

Body: All Light Bulbs
Headlight Bulb

Engine: All Plug Wires and Electrical Connections
Spark Plug Boot and Connection

Loctite® Silver Anti-Seize Stick

Heavy duty, temperature resistant, petroleum-based lubricant compound fortified with graphite and metallic flake. For use in assemblies up to 1600°F (871°C). Convenient semi-solid stick form which offers more portability and less mess.

Motorcycle Applications:

Body: Axle

Engine: Head Bolts
Spark Plugs

Loctite® ViperLube® High Performance Synthetic Grease

NLGI Grade 2/Severe Duty GC-LB Grease provides superior protection for equipment exposed to a wide range of operating temperatures and environments. Use as a lubricant and protective anti-rust film on bearings, machine parts, equipment, or as a release agent on gaskets and seals. NSF H1 rated for incidental food contact.

Motorcycle Applications:

Body: Slide Bolts
Steering Head Bearings
Wheel Bearings



We have the **LOCTITE® PRODUCT**
and **SUPPORT** you need

Henkel –
Your partner worldwide

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