It’s all about our LOCTITE® PRODUCTS and YOUR BIKE

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KEEP IT TIGHT. USE LOCTITE®.
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®.

KEEP IT TIGHT. USE LOCTITE®.
Product Applications for Motorcycle Body

- **Handlebar Brackets**: Loctite® 242° Threadlocker
- **Headlight Bulb**: Loctite® Dielectric Grease
- **Slide Bolts**: Loctite® ViperLube® High Performance Synthetic Grease
- **All Light Bulbs**: Loctite® Dielectric Grease
- **Mirror Fixtures**: Loctite® 242° Threadlocker
- **Throttle Control Grip Screw**: Loctite® 222° Threadlocker
- **Clutch Inspection Cover Bolts**: Loctite® 243° Threadlocker
- **Coil Cover Screw**: Loctite® 243° Threadlocker
- **Oil Pressure Switch**: Loctite® 565° PST® Thread Sealant
- **Seat Bolts**: Loctite® 243° Threadlocker
- **Mirror Fixtures**: Loctite® 242° Threadlocker
- **Shift Bracket Bolts**: Loctite® 243° Threadlocker
- **Tail/Stop Lamp Screws and Turn Signal Screws**: Loctite® 222° Threadlocker
- **License Plate Bolts**: Loctite® 222° Threadlocker
- **Rear Axle Adjuster Bolt**: Loctite® 243° Threadlocker
Product Applications for Motorcycle Engine

- **Exhaust Flange Nuts**: Loctite 243™ Threadlocker
- **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
- **Oil Line Fitting**: Loctite 565™ PST® Thread Sealant
- **Drive Sprocket Retaining Nut**: Loctite 262™ Threadlocker
- **Crankcase Bolts**: Loctite 262™ Threadlocker
- **Timing Plugs (and all drain plugs – oil, primary, transmission – not shown)**: Loctite 565™ PST® Thread Sealant
- **All Plug Wires and Electrical Connections**: Loctite Dielectric Grease
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
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
- **Engine:** All Light Bulbs, Headlight Bulb

**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
- **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:** All Light Bulbs, Headlight Bulb
- **Engine:** All Plug Wires and Electrical Connections, Spark Plug Boot and Connection

**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:** Slides Bolts, Steering Head Bearings, Wheel Bearings
- **Engine:** Exhaust Manifold Studs

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

Henkel –
Your partner worldwide

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