

## MOTORCYCLE APPLICATION GUIDE











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

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### LOCTITE® MOTORCYCLE APPLICATION GUIDE

# 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**.

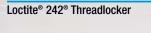
We at Henkel are proud to provide you with this motorcycle application guide which outlines the right Loctite® product solutions for every part of your bike. With this guide, you can maintain and/or improve the performance, safety and reliability of your motorcycle.

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** 

#### **MIRROR FIXTURES** Loctite® 242® Threadlocker

#### **THROTTLE CONTROL GRIP SCREW**

Loctite® 222™ Threadlocker

#### **HEADLIGHT BULB**

Loctite® **Dielectric Grease** 

## Loctite® 243™ Threadlocker

**CLUTCH INSPECTION** 

**COVER BOLTS** 



#### **CLUTCH RELEASE COVER**

Loctite® 598™ Black **High Performance RTV** Silicone Gasket Maker

#### **OIL PRESSURE SWITCH**

Loctite® 565™ PST® Thread Sealant

#### **SLIDE BOLTS**

### **COIL COVER SCREW**

Loctite® 243™ Threadlocker

#### **SEAT BOLTS**

Loctite® 243™ Threadlocker

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**

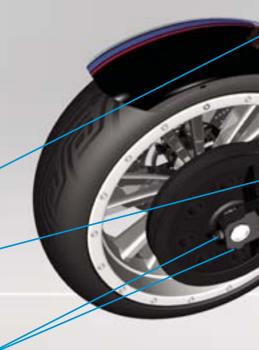
Loctite® Dielectric Grease

#### **LICENSE PLATE BOLTS**

Loctite® 222™ Threadlocker

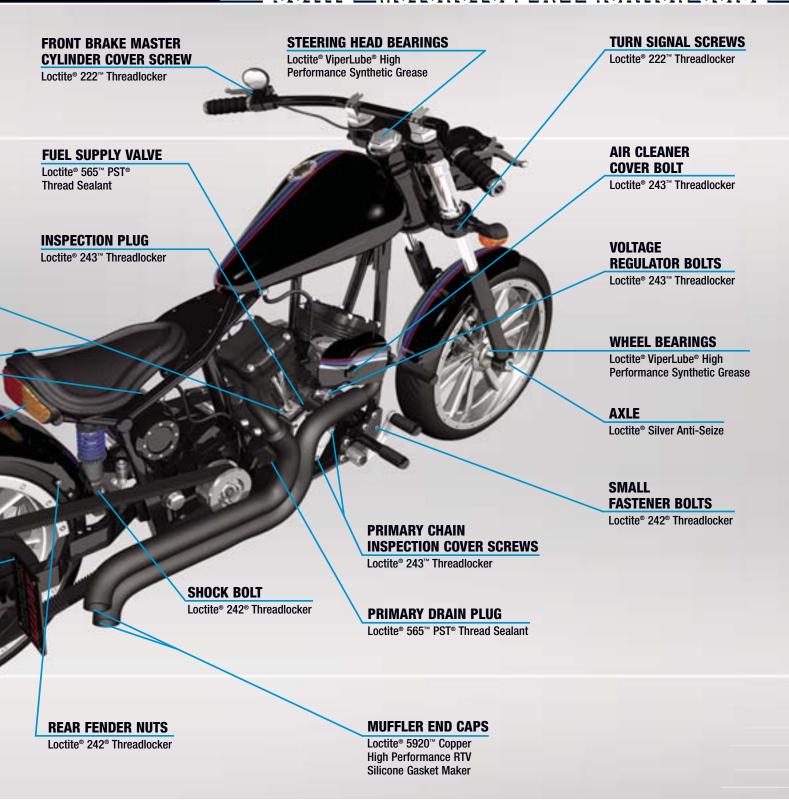
#### **REAR AXLE ADJUSTER BOLT**

Loctite® 243™ Threadlocker



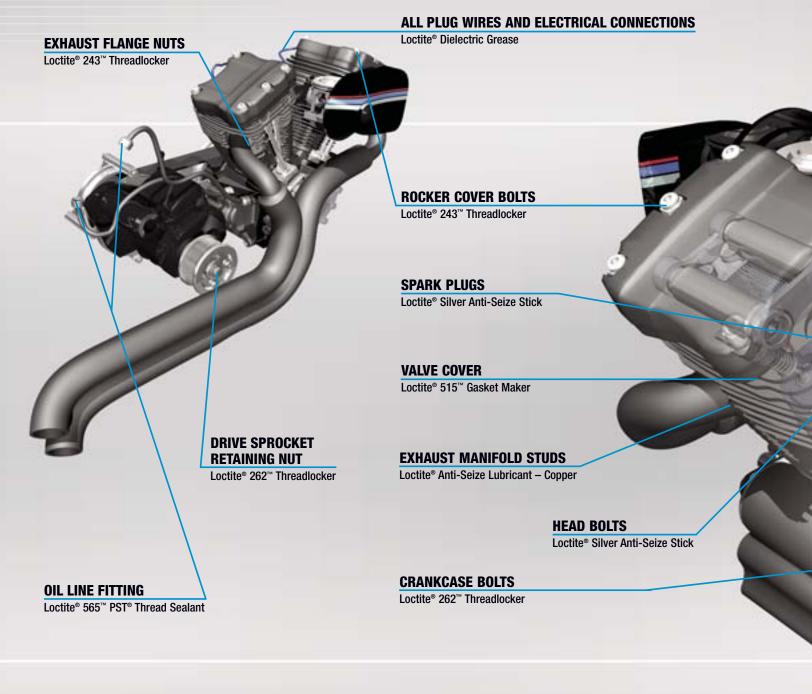


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## Product Applications for Motorcycle Engine

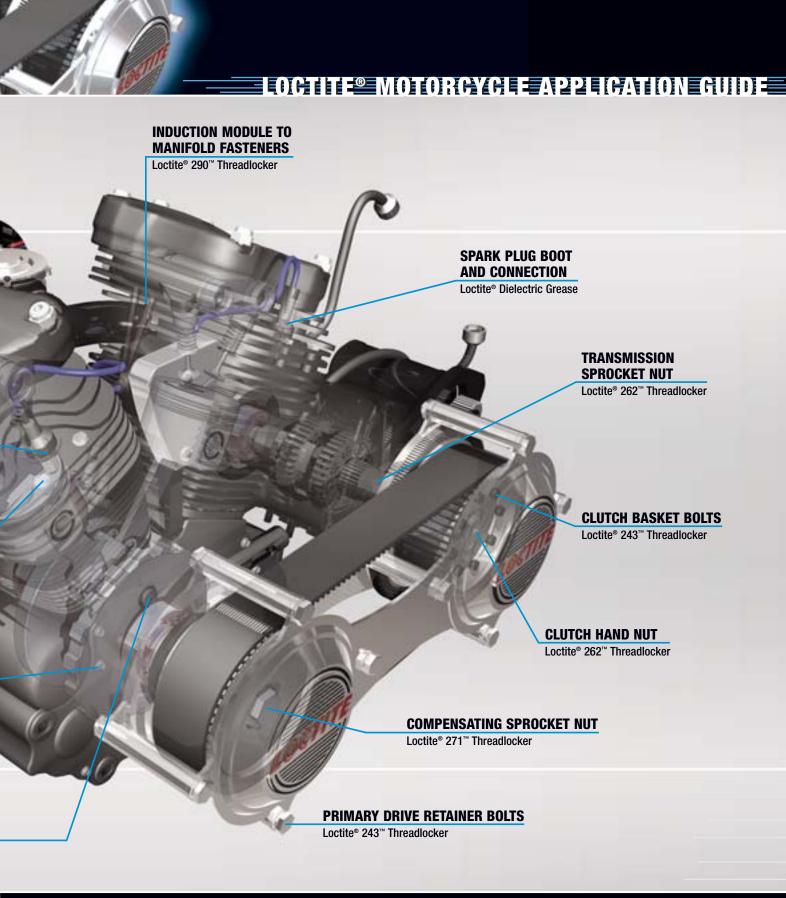




TIMING PLUGS (AND ALL DRAIN PLUGS – OIL, PRIMARY, TRANSMISSION – NOT SHOWN)

Loctite® 565™ PST® Thread Sealant





## **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

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