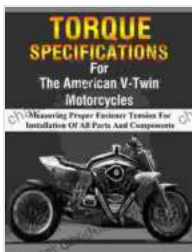


American Twin Motorcycle Torque Manual Measuring Proper Fastener Tension For

Proper fastener tension is crucial for the safety and longevity of any motorcycle. Over-tightening can lead to stripped threads or other damage, while under-tightening can allow fasteners to come loose and cause serious problems.

This manual provides detailed instructions on how to measure proper fastener tension for American Twin motorcycles. We'll cover the different types of torque wrenches, how to use them correctly, and the specific torque values for all the critical fasteners on your bike.

There are two main types of torque wrenches:



American V-Twin Motorcycle Torque Manual (Measuring Proper Fastener Tension For Installation Of All Parts and Components Book 1) by Sally Melville

★★★★☆ 4.5 out of 5

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File size : 638 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 130 pages
Lending : Enabled



- **Beam torque wrenches** use a beam that deflects when a force is applied. The amount of deflection is calibrated to a specific torque value.
- **Click-type torque wrenches** use a spring-loaded mechanism that clicks when the desired torque value is reached.

Beam torque wrenches are generally more accurate than click-type torque wrenches, but they are also more expensive and difficult to use. Click-type torque wrenches are easier to use and more affordable, but they can be less accurate.

For most home mechanics, a click-type torque wrench is a good choice.

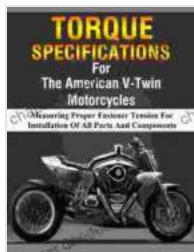
To use a torque wrench, follow these steps:

1. Select the correct torque value for the fastener you are tightening.
2. Set the torque wrench to the desired torque value.
3. Position the torque wrench on the fastener and apply even pressure until the wrench clicks or the beam deflects to the correct torque value.
4. Loosen the fastener slightly and then re-tighten it to the correct torque value.

The following table lists the torque values for all the critical fasteners on American Twin motorcycles:

Fastener	Torque Value (ft-lbs)
Cylinder head bolts	55-65
Intake manifold bolts	25-30
Exhaust manifold bolts	25-30
Valve cover bolts	10-15
Spark plug wires	25-30
Oil filter	18-25

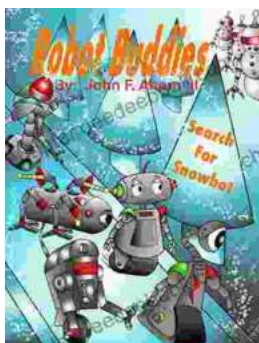
Proper fastener tension is crucial for the safety and longevity of your American Twin motorcycle. By following the instructions in this manual, you can ensure that all the critical fasteners on your bike are tightened to the correct torque values.



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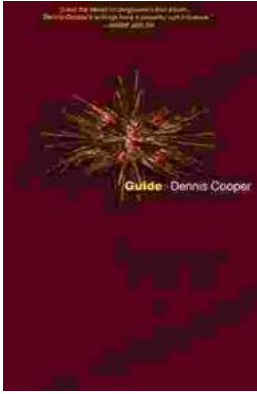
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