

SERVICE BULLETIN

M-1234

December 05, 2008



2009 MODEL YEAR UPDATE BULLETIN

Purpose

The purpose of this bulletin is to communicate 2009 Model Year updates contained within service manual literature.

Motorcycles Affected

All 2009 Harley-Davidson models.

Required Dealer Action

Notify service personnel of service bulletin.

Big Twin Engine Flywheel End Play

Flywheel end play specifications were changed from 0.003-0.010 in. (0.076-0.254mm) to 0.003-0.013 in. (0.076-0.330mm).

Spoke Torque

Spoke torque has changed to 55 **in-lbs** (6.2 Nm) on all spoke wheels. Use spoke torque wrench (HD-48985) when checking spoke tension.

Lower Fork Bracket Pinch Bolts

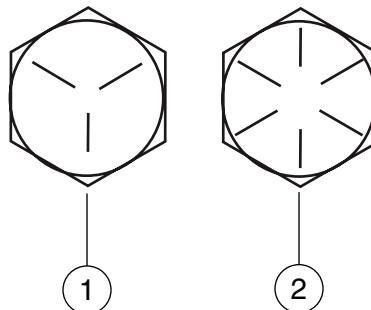
The lower fork bracket pinch bolts for Softail models changed from Grade 5 to Grade 8 as a running change during the 2009 model year. With this change, the torque spec also changed from 35-40 ft-lbs (47.5-54.2 Nm) to 50-60 ft-lbs (67.8-81.3 Nm). These same Grade 8 bolts will be the replacement bolts for this particular application.

See Figure 1. The Grade 5 bolt is identified by three lines on the bolt head and the Grade 8 bolt is identified by six lines on the bolt head.

NOTES

- Always check bolt head markings before applying torque.
- Touring models (1995-2009) come equipped with the Grade 8 pinch bolts and can be torqued to the Grade 8 torque value listed above.
- FLHTCUTG Tri-Glide is also equipped with Grade 8 pinch bolts, however the torque value on this model exclusively, is 70-75 ft-lbs (94.9-101.6 Nm).

sb00015



- Grade 5 (three lines on bolt head)
- Grade 8 (six lines on bolt head)

Figure 1. Bolt Types (typical)

Tire Balancing

Tire balancing is recommended to improve handling and reduce vibration, especially at high road speeds. The maximum possible weight to accomplish balance is 3.5 oz. (99g) total. If the tire requires more than 3.5 oz. (99g) of weight to balance, break the tire and wheel seat, and rotate it by 180 degrees and balance it again. If tire still fails to balance, return tire through the warranty process.

Fork Top Plug and Bolt Torque Change

For 2009 model year, the torque specification for the fork plug (45838-77) and the fork top bolt (45419-80) increased to 60-70 ft-lbs (81.3-94.9 Nm). These forks are used in most Softail and all Touring vehicles. Both of these new torque specs may be used in 1980-2009 Touring Models and 1984-2009 Softail Models.

IMPORTANT NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	WARRANTY PROCESS MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									

©2008 H-D.