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).

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.