

SERVICE BULLETIN



M-1205

March 16, 2007

2007 SERVICE LITERATURE UPDATE

Purpose

To communicate updates to 2007 model year service literature.

Motorcycles Affected

2007 VRSC, 2007 Dyna, 2006 Dyna and 2007 Big Twin models.

Required Dealer Action

Notify service personnel of changes to service procedures and update affected manuals.

2007 VRSC Two-Piece Rear Caliper Fastener Torque

The two piece rear caliper fastener torque listed on page 2-69 of the 2007 VRSC service manual was revised from 48-56 Nm (35-41 ft-lbs) to 58-66 Nm (43-48 ft-lbs). Please refer to service manual 99501-07 to update information.

2007 VRSC Brake Washers

The 2007 VRSC service manual 99501-07 incorrectly stated on pages 2-59, 2-60, and 2-62 that steel/rubber washers were used on brake fittings. The washers used on all banjo-type brake fittings are copper and do not require lubrication during assembly. Please refer to service manual 99501-07 to update information.

2007 VRSC Front Brake Master Cylinder Fastener Torque

Page 2-69 of the 2007 VRSC service manual 99501-07 incorrectly listed the torque value of the front master cylinder banjo bolt at 23-24 Nm (17-21 ft-lbs). The correct torque value for this fitting is 17-20 Nm (12.5-15.5 ft-lbs). Please refer to service manual 99501-07 to update information.

2007 VRSC Purge Solenoid Resistive Plug

Page 4-11 of the 2007 VRSC service manual incorrectly lists the use of a purge solenoid resistive plug. The resistive plug was no longer used on 2007 VRSC model motorcycles in favor of a new calibration in the ECM that eliminates the need for this plug.

2006 Dyna and 2007 Big Twin Neutral Switch Update

The 2006 Dyna and 2007 Big Twin neutral switch has been revised to 33926-06B with an improved O-ring design for improved sealing and a change to the internal spring pressure that activates the switch.

Dyna and Sportster Front Fender Length

The front fender length for Dyna and Sportster models has been shortened by 1-inch at the rear for Dyna and Sportster. This change was incorporated to provide better vibration dampening. A running change occurred in 2007 Dyna production in late October 2006 to implement this change. This fender length has been used since 1984 on FXR and Sportster. This shortened fender length will be incorporated into all replacement fenders for FXR, FXD, and Sportster from 1982 through 2007. No service manual procedures are affected by this change.

Big Twin Starters

The Big Twin starters, Part No. 31618-06 (O.E.M. black finish), 31619-06 (hi-performance black finish) and 31621-06 (hi-performance chrome finish) have been revised to incorporate improved seals. The part number for these revised starters will end with 06A in their respective part numbers. Dealers should exhaust old stock first.

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	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	WARRANTY PROCESS MANAGER	RETURN THIS TO
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Big Twin Starter Fastener Torque Value

The torque value for big twin starter mounting bolts has been revised from 13-20 ft-lbs (17.6-27.1 Nm) to 25-27 ft-lbs (33.9-36.6 Nm), including application of medium strength thread-locker 243 (blue) to the threads of the fasteners. Refer to page 5-6 of service manual 99481-07 for 2007 Dyna, and page 5-6 of service manual 99482-07 for Softail, and page 5-5 of service manual 99483-07 for Touring models to update information.

Compensator Fastener Torque Value and Procedure Revision all Big-Twin

The torque value and procedure has been revised for all models and is now as follows: Using **new** fasteners and following procedure in appropriate service manual, torque compensator fasteners to 100 ft-lbs (135.7 Nm), back off 360°, then final torque to 140 ft-lbs (189.98 Nm). Refer to page 6-10 in service manual 99481-07 for 2007 Dyna, page 6-10 in service manual 99482-07 for 2007 Softail, and page 6-23 in service manual 99483-07 for 2007 Touring to update information.

2007 FXSTSSE Softail CVO Handlebar Riser Fastener Torque

The handlebar riser fastener torque specification for this model has been revised from 12-15 ft-lbs (16.3-20.4 Nm) to 18-22 ft-lbs (24.4-29.9 Nm). Please mark any PDI and service manuals accordingly. Refer to page 2-24 of service manual supplement 99494-07 and page 1-8 in the 2007 PDI manual to update information.

2006 Dyna and all 2007 Big Twin Transmission Cover Fastener Torque Sequence

See Figure 1. Please note that the fastener torque sequence has revised for the above mentioned models and should be performed as shown. Refer to page 7-22 in service manual 99481-06 for 2006 Dyna, page 7-22 in service manual 99481-07 for 2007 Dyna, page 7-22 in service manual 99482-07 for Softail, and page 7-16 in service manual 99483-07 for Touring model motorcycles to update information.

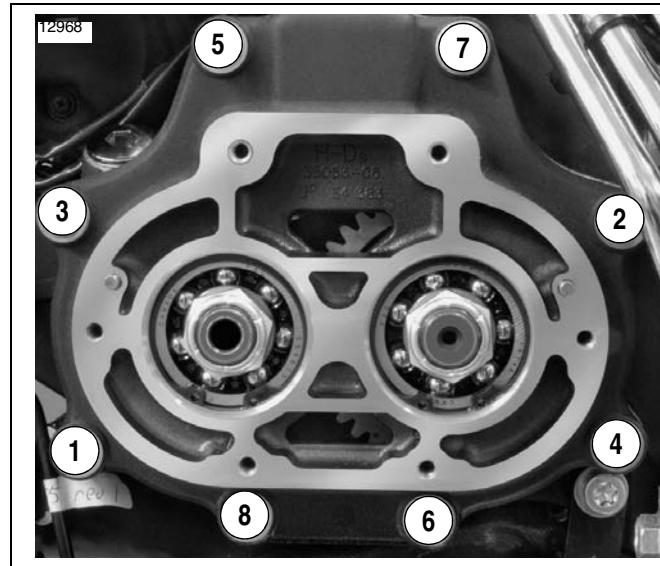


Figure 1. Fastener Torque Sequence