M1359: 2014 - 2016 TOURING - HYDRAULIC CLUTCH LINE REPLACEMENT

Reason for Revision

Refer to Table 1.

Table 1. Document History

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<th>Date</th>
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<td>2014-01-22</td>
<td>Initial release</td>
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<tr>
<td>2019-02-14</td>
<td>Updated Title, Section Purpose for Service Bulletin, Section Motorcycles Affected</td>
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Purpose for Service Bulletin

A leak may occur on some Touring, CVO Touring, Police Touring and Trike models equipped with hydraulic clutch. The leak may occur when the line is replaced or when a P&A clutch line is installed. The area of the leak is at the joint where the clutch line attaches to the secondary clutch actuator (right side of the transmission).

Motorcycles Affected

2014 - 2016 Touring, CVO Touring, Police Touring and Trike models equipped with secondary clutch actuator (Part No. 37200023).

Markets Affected

All markets are affected.

Required Dealer Action

NOTE
- Use Snap-on Flare Nut Socket (Part No. GAN85087B) and Snap-on Torque Wrench (Part No. QJ117F or similar) to tighten flare nut.
- Each time clutch line is installed or torque is adjusted to determine if leak is still present, bleed the clutch system.

1. See Figure 1. In the event a leak is found at the secondary clutch actuator during a clutch line replacement or an upgrade to a P&A accessory clutch line:
   a. Verify that the clutch line flare nut (2) torque is 10.9–16.3 N·m (96–144 in-lbs).
   b. If leak still persists increase torque to 16.3–22.6 N·m (144–200 in-lbs).
   c. If the leak is still present, remove the secondary clutch actuator to inspect the secondary clutch actuator cavity. See service manual for removal instructions.
   d. Remove clutch line and hold actuator with cavity facing up.
   e. Check to see if copper washer is installed or being added for the first time.

   Copper washer can only be installed in secondary clutch actuator once. It is very difficult to remove from the cavity after it has been in service. A clutch line may be installed multiple times on an actuator with a copper washer installed as long as a seal can be achieved.

Figure 1. Secondary Clutch Actuator

WARNING
Insufficient clutch-release plate movement can lead to difficulty or inability to shift, causing loss of control, which could result in death or serious injury. (00345a)

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.

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2. See Figure 2. Hold secondary clutch actuator upright. Install copper washer (Part No. 12300027) in the actuator cavity. Allow copper washer to self-center.

3. Tighten the clutch line flare nut to initial torque.
   Torque: 10.9–16.3 N·m (96–144 in-lbs)  
   *Clutch line flare nut - initial torque*


5. If leak still persists increase torque to secondary torque.
   Torque: 16.3–22.6 N·m (144–200 in-lbs)  
   *Clutch line flare nut - secondary torque*

6. If a leak is still present, replace the secondary clutch actuator (Part No. 37200023).

7. Verify proper clutch operation.

![Figure 2. Copper Washer Orientation](#)

- 1. Secondary clutch actuator (Part No. 37200023)
- 2. Flare nut
- 3. Clutch line, flared tube-end
- 4. Copper washer (Part No. 12300027)