SERVICE BULLETIN



M1359 2019-02-22

M1359: 2014 - 2016 TOURING - HYDRAULIC CLUTCH LINE REPLACEMENT

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description					
	Initial release					
2019-02-14	Updated Title , Section Purpose for Service Bulletin, Section Motorcycles Affected					

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

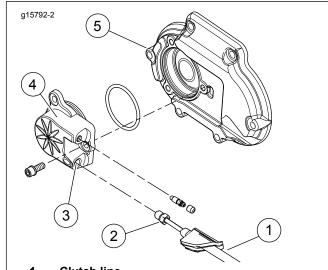
- · Use Snap-on Flare Nut Socket (Part No. GAN85087B) and Snap-on Torque Wrench (Part No. QJR117F or similar) to tighten flare nut.
- Each time clutch line is installed or torque is adjusted to determine if leak is still present, bleed the clutch system.
- 1. See Figure 1. In the event a leak is found at the secondary clutch actuator during a clutch line replacement or an upgrade to a P&A accessory clutch line:
 - Verify that the clutch line flare nut (2) torque is 10.9-16.3 N·m (96-144 in-lbs).
 - If leak still persists increase torque to 16.3-22.6 N·m (144-200 in-lbs).

- If the leak is still present, remove the secondary clutch actuator to inspect the secondary clutch actuator cavity. See service manual for removal instructions.
- Remove clutch line and hold actuator with cavity facing up.

NOTE

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.

Check to see if copper washer is installed or being added for the first time.



- Clutch line 1.
- 2. Flare nut
- Secondary clutch actuator (Part No. 37200023) 4.
- Transmission inner side cover

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)

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

- 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

- 4. Install secondary clutch actuator. See service manual.
- 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.

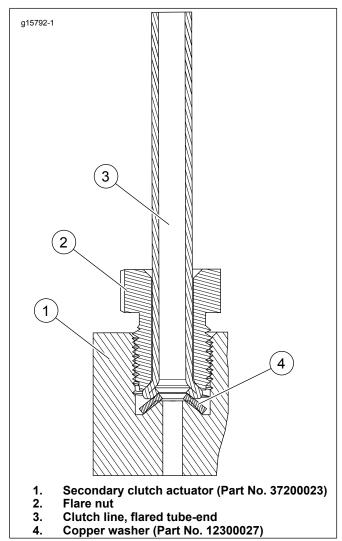


Figure 2. Copper Washer Orientation

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