

Replace Clutch Master Cylinder Piston Assembly

NOTE

Do not reuse any parts removed from the master cylinder piston bore. Use only the parts from the kit.

1. Confirm that the motorcycle is involved in Recall 0159. If the status includes an **open** for Safety Recall 0153, the 0159 should be performed and the 0153 will be closed by HDMC once the 0159 claim is approved.
2. Obtain the recall kit (Part No. 91500068).
3. Replace the clutch master cylinder piston assembly with parts from the recall kit. This kit is to be used on both original equipment clutch master cylinders and chrome accessory clutch master cylinders (Part No. 41700263 and 41700263A). See CLUTCH MASTER CYLINDER AND RESERVOIR in the service manual.
4. Fill and bleed clutch fluid system. See the service manual.

▲ 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)

Measure Release Plate Movement

1. Attach a dial indicator to measure pushrod axial movement.
2. Squeeze the clutch lever to measure the axial movement of the pushrod and the clutch release plate assembly. The minimum axial movement must be as specified. Refer to Table 1.

NOTE

Proper bleeding of the system will typically yield plate movement greater than minimum specification. If clutch release plate movement is less than specification, bleed system and measure plate movement again.

Table 1. Minimum Release Plate Movement Specification

IN	MM
0.080	2.03

Return to Service

1. Install clutch inspection cover.
 - a. Remove O-ring from cover.
 - b. Install **new** O-ring (provided in recall kit) into cover.
 - c. Install cover fasteners. In a crosswise pattern, tighten to **9.5–12.2 N·m (84–108 in-lbs)**.
2. Install main fuse.

NOTE

- Upon completion of the recall on any motorcycle, be certain to follow the instructions listed under the appropriate credit procedure and submit your recall claims promptly.
- Check inventory for stock of clutch master cylinder assemblies. If stock is found, rebuild the clutch master cylinder using the recall kit and return to dealer inventory. Refer to Table 2. See additional credit procedure for dealer stock parts at the end of this bulletin.

- Check inventory for stock of clutch master cylinder rebuild kits (Part Nos. 46244-01 and 37200096). If stock is found, return to Harley-Davidson as defective stock on a DFS warranty claim. See Additional Credit Procedure for Dealer Stock Parts at the end of this bulletin.

Table 2. Dealer Inventory Master Cylinders to be Rebuilt

MASTER CYLINDER PART NUMBER	
36700048	36700056A
36700048A	41700263
36700049	41700263A
36700049A	36700081
36700056	36700081A

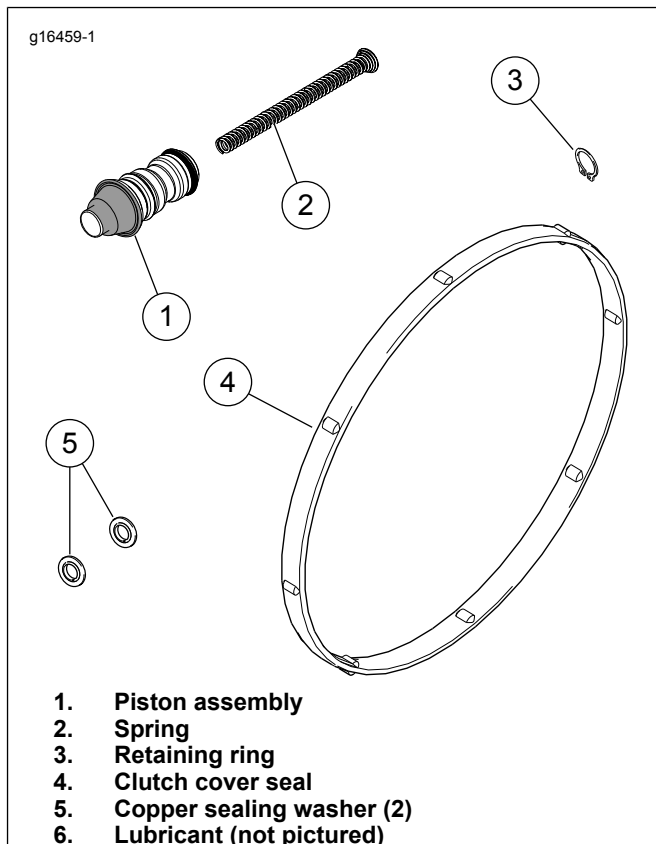


Figure 1. Recall Kit 91500068

Credit Procedure: Talon/h-dnet.com Warranty Claim System Users

For each motorcycle involved in this recall (involvement of VIN has been verified on h-dnet.com), submit a recall claim per the applicable table below.

Table 3. Talon/h-dnet.com Warranty Claim System Users

ITEM	DATA
Claim Type	SRC
Problem Part Number	36700056
Quantity	Leave blank
Primary Labor Code*	4068
Time**	0.9 hours
Customer Concern Code*	0159
Condition Code	9981
Replacement Part Number	91500068

Table 3. Talon/h-dnet.com Warranty Claim System Users

ITEM	DATA
Quantity	1
* These items may need to be downloaded to your system.	
** Labor time includes cost of brake fluid needed for each repair.	

Credit Procedure: SAP System Users

For each motorcycle involved in this recall (involvement of VIN has been verified on h-dnet.com), submit a recall claim per the applicable table below.

Table 4. SAP System Users

ITEM	DATA
Claim Type	Recall Claim
FIX ID-Found in Recall Number	C
Problem Part Number	36700056
Customer Concern Code*	0159
Condition Code	9981
* These items may need to be downloaded to your system.	

Credit Procedure: All Other System Users

- Claim Date
- Campaign Number (0159)
- Fix ID (C)
- Full seventeen character VIN

Upon submission of the properly completed recall claim, you will be credited for labor for performing the safety recall procedure plus appropriate market administrative time. The safety recall record will be updated. Each recall completion must be filed on an individual claim. Do not submit additional warranty events on these claims.

Part Return Information: All Markets

Hold all replaced parts for 60 days from date of credit issued for possible field inspection and/or request to return to factory. After 60 days, destroy and discard the parts.

Credit Procedure: Repair Dealer Inventory of Affected Dealer Stock

Refer to [Table 2](#) for the list of kit part numbers. For each kit in dealer stock, submit a claim following the credit procedure below.

NOTE

Do not enter a VIN when submitting these claims.

Table 5. Credit procedure: All Non-SAP System Users

ITEM	DATA
Claim Type	SNV
Problem Part Number	Accurate part from list of dealer stock kits in Table 2
Quantity	Leave Blank
Primary Labor Code	Leave Blank
Detail Labor Code	8888
Time	0.2 Hrs
Customer Concern Code*	0159
Condition Code	9982
Replacement part number	91500068
Quantity	1

Table 5. Credit procedure: All Non-SAP System Users

ITEM	DATA
* These items may need to be downloaded to your system.	
Upon submission of the properly completed recall claim, you will be credited for labor for performing the procedure. Each kit must be submitted on it's own claim in order for payment of 0.2 hours to be paid per kit.	

Table 6. Credit Procedure: H-D SAP Dealers

ITEM	DATA
Claim Type	PAM-Stock
Problem Part Number	Accurate part from list of dealer stock kits in Table 2
Quantity	Leave Blank
Labor Code	8888
Time	0.2 Hrs
Customer Concern Code*	0159
Condition Code	9982
Replacement part number	91500068
Quantity	1
* These items may need to be downloaded to your system.	
Upon submission of the properly completed recall claim, you will be credited for labor for performing the procedure. Each kit must be submitted on it's own claim in order for payment of 0.2 hours to be paid per kit.	

Additional Credit Procedure for Dealer Stock Parts: Part No. 37200096 and Part No. 46244-01

Submit a DFS (defective stock) warranty claim for all dealer stock of clutch master cylinder rebuild kits (Part Nos. 37200096 and 46244-01). Use Customer Concern Code 9203 and Condition Code 3109. Also, mention this bulletin number in the claim. A part return label will be issued for each part claimed.