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# INSTRUCTIONS

-J05734

REV. 2013-02-15

## SB-10056272-5236 TRIKE REAR BRAKE ROTOR KIT

### GENERAL

#### Kit Number

83425-09B

#### Models

This kit fits 2009-2013 Trike model motorcycles.

#### Additional Parts Required

### ⚠ WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

#### NOTE

*This instruction sheet references service manual information. A service manual for your model motorcycle is required for this installation and is available from a Harley-Davidson dealer.*

#### Kit Contents

This kit contains two brake rotors.

### INSTALLATION

### ⚠ WARNING

When replacing rear brake rotors on a three-wheeled motorcycle, be sure rotors have the same part number. Brake rotors of different materials can provide unbalanced braking which could lead to loss of control and result in death or serious injury. (00626c)

#### NOTES

- For best braking performance, Harley-Davidson recommends replacing Trike rear brake rotors in pairs.
- For best braking performance, Harley-Davidson recommends replacing the brake pads whenever a brake rotor or brake disc is replaced.

When replacing rotor part number 83425-09 or 83425-09A (stamped on the rotor) with this kit, always replace both rotors.

The brake rotors in this kit install in the same manner as outlined in the Trike Service Manual Supplement, but are manufactured from a different material than 83425-09 and 83425-09A. See the service manual for removal and installation instructions.

# SERVICE BULLETIN



3/11/13

M-1339A

June 24, 2013

## TRIKE REAR BRAKE ROTOR REPLACEMENT

### Reason for Revision

This revision limits warranty coverage to the normal vehicle warranty period. It also includes minor corrections to the warranty table.

### Purpose

This service bulletin describes the running change to rear brake rotors on 2013 Trike models. The rotor material changed from steel to gray cast iron which may reduce certain brake noise.

### Vehicles Affected

This information applies to all 2009-2013 Trike vehicles built before February 02, 2013.

### Markets Affected

All markets are affected where Trike models are sold.

### General Information

Trike models began shipping with new rear brake rotors in February 2013. The new rotors can be identified by having a black zinc coating. The coating will wear off during the break-in period. After break-in, a light coating of oxidation may form on rotors during periods of non-use. This is a normal condition.

Brake noise can be produced from many variables. These new rotors have proven to address certain off-brake noise concerns as well as improving brake noise overall. Other than potential reduction in brake noise, the new rotors provide no performance benefit.

Although most brake noise is reduced, some noise may remain under certain conditions. The formation of light oxidation during periods of non-use is one such condition. Some noise may be heard until the brakes are applied a few times and the oxidation wears off. It is unknown how effective the new rotors are on vehicles not in stock configuration.

Replace these rotors in pairs only. Never mix rotors of different material on the same axle.

Steel rotors can be identified as Part No. 83425-09 or 83425-09A. For service, both part numbers will supersede to Part No. 83425-09B Rotor Kit containing two rotors. Existing stock of 83425-09A may be used where brake noise is not an issue.

### NOTE

For normal service, Harley-Davidson recommends replacing rotors in pairs. New brake pads, Part No. 83911-09B **must** be installed with rotors Part No. 83425-09B.

### Required Dealer Action

If a customer has a brake noise complaint, test ride the vehicle to confirm that off-brake noise is present.

If off-brake noise is confirmed, install new Part No. 83425-09B Rotor Kit and Part No. 83911-09B Brake Pads.

If the vehicle is in warranty, file a warranty claim using the data in Table 1.

### Credit Procedure: U.S. Market / Non-U.S. Market

### NOTE

Warranty coverage for this bulletin ends with normal vehicle warranty.

For each vehicle serviced under warranty, complete an electronic warranty claim referencing this service bulletin number. Fill in the rest of the form as follows:

Table 1. Trike Brake Rotor Repair

| ITEM  | DATA                         |
|---|------------------------------|
| Claim Type  | MC                           |
| Event Problem Part Number                               | 83425-09A                    |
| Part Description  | Brake rotor                  |
| Primary Labor Code*                                     | 2691                         |
| Time  | 0.8 hrs                      |
| Customer Concern Code                                   | 9203                         |
| Condition Code  | 1518                         |
| Replacement Part No. (Qty.)                             | 83425-09B (1), 83911-09B (1) |
| * These items may need to be downloaded to your system. |                              |

### 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 | WARRANTY PROCESS MANAGER | LEAD TECHNICIAN | TECHNICIAN NO. 1 | TECHNICIAN NO. 2 | TECHNICIAN NO. 3 | RETURN THIS TO |
|--------------|-----------------|---------------|---------------|--------------------------|-----------------|------------------|------------------|------------------|----------------|
| INITIAL HERE |                 |               |               |                          |                 |                  |                  |                  |                |

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