

SERVICE BULLETIN



M-1376A

July 31, 2014

2014.5 DYNA LOW RIDER IGNITION SWITCH BRACKET AND KNOB - SAFETY RECALL 0158

Reason for Revision

U.S. Wave shipments have been terminated and kit orders are now being accepted. The kit order form is now attached. Please follow all instructions on the order form to prevent delays in your orders being processed.

Purpose

Harley-Davidson Motor Company, Inc. has determined that a defect related to motor vehicle safety may exist with certain model year 2014.5 Dyna motorcycles. Some of these motorcycles may have been assembled with a top engine mount bracket assembly (Part No. 16400026) that has a resonant frequency equivalent to 5800 RPM engine speed. When the engine is operated at that speed, it causes excessive vibration in the ignition switch, which mounts to that bracket. This excessive vibration can cause the switch to move from the "IGN" (ignition on) position to the "ACC" (accessory only) position, shutting the engine off.

The production Electronic Control Module (ECM) calibration will not allow engine speed to exceed 5600 RPM. However, Harley-Davidson offers street-legal performance calibrations which will allow the engine to operate above 5600 RPM. If a performance calibration has been installed which permits the engine to exceed 5600 RPM, it could allow a condition that may potentially cause the engine to stall unexpectedly.

Motorcycles Affected

This recall applies to certain 2014.5 Dyna Low Rider model motorcycles built January 6, 2014 through June 19, 2014.

A VIN list specific to motorcycles shipped to your dealership is available via h-dnet.com. This list may be found by following this path:

- h-dnet.com/ServiceToolbox/WarrantyCampaignCenter. Select "Safety Campaign Open VIN List". Select 0158 Campaign to view the VIN list.

NOTES

- *If the motorcycle does not appear on your dealer VIN list, refer to the "Vehicle Information" link to determine if the motorcycle is affected.*
- **Canadian Dealers:** *To determine if a vehicle is affected by a recall use the h-dnet.com vehicle information link found on the service tab of UltraComm.*

Markets Affected

All markets where 2014.5 Dyna Low Riders are sold are affected.

Customer Notification

In accordance with Federal regulations administered by NHTSA, Harley-Davidson Motor Company, Inc. will send a letter to registered owners of affected products in the United States notifying them of this safety-related condition and instructing them to contact their dealer for the replacement service. A sample of the customer letter is attached. Owners outside the United States market may receive this notification by other means.

You are also required to perform the recall service on all motorcycles in your dealership inventory before delivering, renting, or leasing those motorcycles.

Because only registered owners will receive notification from us, we request that you contact any owners of vehicles that your records show as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names, addresses and VINs as soon as possible to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).

To protect the safety of our riders, it is our mutual responsibility to make sure the recall service is performed on all affected motorcycles. Therefore, we strongly urge you to perform the recall service even if the motorcycle was not purchased from your dealership.

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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Kit Contents

Table 1. Ignition Bracket and Knob Kit (Part No. 91500067)

ITEM	PART NO.	QTY
Bracket assembly	16400026A	1
Knob, ignition switch	71400115A	1
Cable straps	10177	2

Upon completion of the recall on any vehicle, follow the instructions listed under Credit Procedure and submit your recall claims promptly.

Kit Ordering Information: U.S. Market

All domestic wave shipments have been released. Please confirm you've received the final shipment (expected delivery approximately 7/29/14) and then place orders for additional kits as required. Please follow all ordering instructions on the order form.

Kit Ordering Information: Non-U.S. Markets

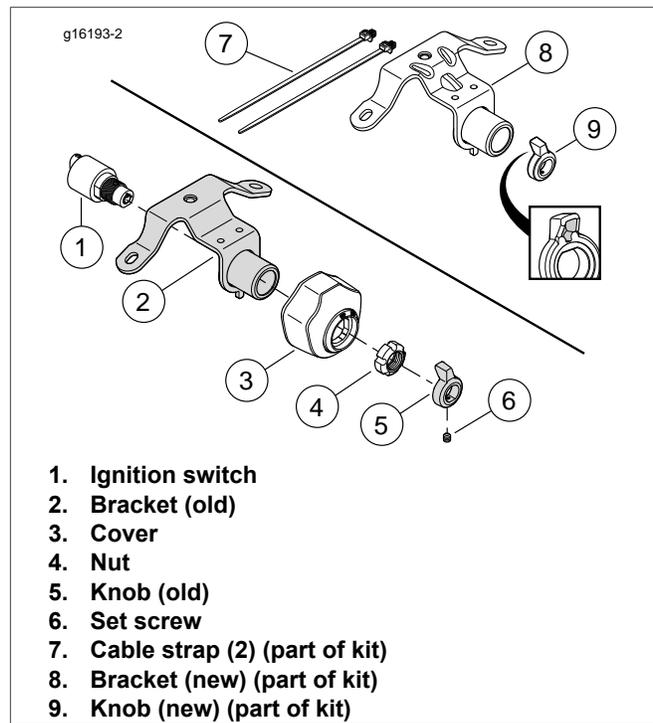
Contact your local service area representative for ordering instructions.

- **Europe:** Contact the After-sales Manager for ordering instructions.
- **Mexico:** Contact your local service area representative at Harley-Davidson Mexico for ordering instructions.
- **Japan:** Contact your local service department at Harley-Davidson Japan for ordering instructions.
- **Asia Pacific:** Contact the District Service Manager (DSM) for ordering instructions.
- **Canada:** Contact your regional Technical Service Manager for ordering instructions.

Required Dealer Action

Removal

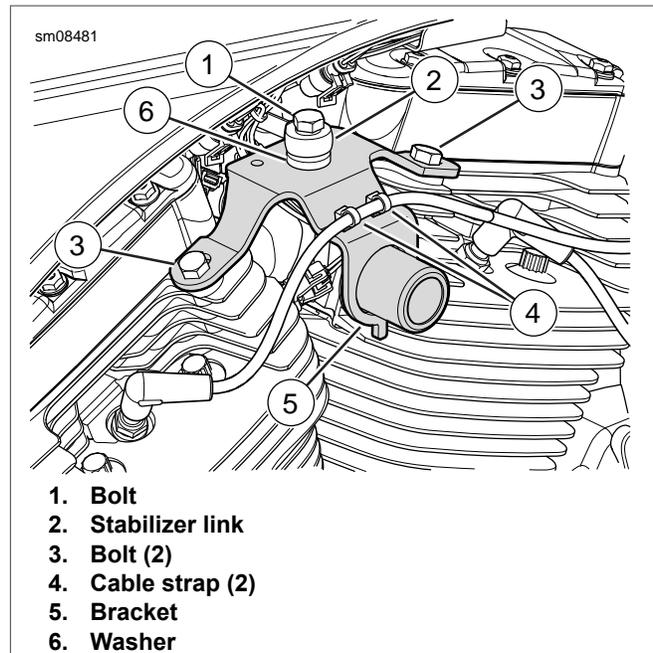
1. Remove seat. See the service manual.
2. Detach fuel tank. See the service manual.
 - a. Remove rear fuel tank fastener.
 - b. Loosen front fuel tank fastener.
 - c. Disconnect fuel line from fuel tank.
 - d. Lift fuel tank and support to gain access to ignition switch bracket.



1. Ignition switch
2. Bracket (old)
3. Cover
4. Nut
5. Knob (old)
6. Set screw
7. Cable strap (2) (part of kit)
8. Bracket (new) (part of kit)
9. Knob (new) (part of kit)

Figure 1. Ignition Switch

3. See Figure 1. Loosen set screw (6). Remove knob (5).
4. Remove nut (4) using IGNITION SWITCH SPANNER WRENCH (Part No. HD-50988).
5. Remove cover (3).
6. Disconnect connector from ignition switch.
7. Remove ignition switch (1).



1. Bolt
2. Stabilizer link
3. Bolt (2)
4. Cable strap (2)
5. Bracket
6. Washer

Figure 2. Ignition Switch Bracket

8. See Figure 2. Discard cable straps (4).
9. Remove bolt (1) and washer (6).
10. Remove bolts (3). Remove bracket (5).

Installation

1. See Figure 1. Install **new** bracket (8).
2. See Figure 2. Loosely install bolts (3).
3. Loosely install washer (6) and bolt (1).
4. Tighten bolts:
 - a. Stabilizer link bolt (1): 18-22 ft-lbs (24.4-29.8 Nm).
 - b. Ignition bracket bolts (3): 35-40 ft-lbs (47.5-54.2 Nm).
5. Install **new** cable straps (4).
6. See Figure 1. Install ignition switch (1).
7. Connect connector to ignition switch.
8. Install cover (3).
9. Install nut (4) using IGNITION SWITCH SPANNER WRENCH (Part No. HD-50988). Tighten to 140-160 **in-lbs** (15.8-18.1 Nm).
10. Install **new** knob (9). Tighten set screw (6) to 20-26 **in-lbs** (2.3-2.9 Nm).
11. Test ignition switch operation. See the service manual.
12. Install fuel tank. See the service manual.
13. Install seat. See the service manual.

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

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

Table 2. Replace Knob, Bracket and Cable Straps

ITEM	DATA
Claim Type	SRC
Problem Part Number	16400026
Quantity	Leave Blank
Primary Labor Code*	5125
Time	0.4 hrs
Customer Concern Code*	0158
Condition Code	9981
Replacement Part Number	91500067
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 plus the applicable 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.

Credit Procedure: SAP System Users

Table 3. Replace Knob, Bracket and Cable Straps

ITEM	DATA
Claim Type	Recall Claim
FIX ID-Found in Recall Number	C
Problem Part Number	16400026
Customer Concern Code*	0158
Condition Code	9981
* This items may need to be downloaded to your system.	

Upon submission of the properly completed recall claim, you will be credited for labor plus the applicable 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.

Credit Procedure: All Other System Users

For each vehicle involved in this campaign, file a claim supplying all necessary information as follows:

- Claim Date
- Campaign Number (0158)
- FIX ID (C)
- Full Seventeen Character VIN

Upon submission of the properly completed recall claim, you will be credited for labor plus the applicable 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.



DEALER COMMUNICATIONS

HARLEY-DAVIDSON MOTOR COMPANY

Safety Recall Campaign 0158

HIGHLIGHTS

Harley-Davidson Motor Company, Inc. has decided that a defect related to motor vehicle safety may exist with certain model year 2014.5 FXDL Dyna Low Rider motorcycles built January 6, 2014 through June 19, 2014 for the U.S. and world markets.

- Some of these motorcycles may have been assembled with a top engine mount bracket assembly (P/N 16400026) that has a resonant frequency equivalent to 5800 RPM engine speed. When the engine is operated at that speed, it causes excessive vibration in the ignition switch, which mounts to that bracket. This excessive vibration can cause the switch to move from the “IGN” (ignition on) position to the “ACC” (accessory only) position, shutting the engine off. The production Electronic Control Module (ECM) calibration will not allow engine speed to exceed 5600 RPM, but Harley-Davidson offers street-legal performance calibrations which will allow the engine to operate above 5600 RPM. If a performance calibration has been installed which permits the engine to exceed 5600 rpm, it could allow a condition that may potentially cause the engine to stall unexpectedly.

KEY DATES

- July 16: Service Bulletin expected to post on or before this date.
- July 21: Recall kits expected to begin shipping in limited quantities on or before this date.

CONTACT

- Call (800) 664-7762 and select the appropriate prompts.

July 10, 2014

Dear Dealer:

Harley-Davidson Motor Company, Inc. has decided that a defect related to motor vehicle safety may exist with certain model year 2014.5 FXDL Dyna Low Rider motorcycles built January 6, 2014 through June 19, 2014 for the U.S. and world markets. Some of these motorcycles may have been assembled with a top engine mount bracket assembly (P/N 16400026) that has a resonant frequency equivalent to 5800 RPM engine speed. When the engine is operated at that speed, it causes excessive vibration in the ignition switch, which mounts to that bracket. This excessive vibration can cause the switch to move from the “IGN” (ignition on) position to the “ACC” (accessory only) position, shutting the engine off. The production Electronic Control Module (ECM) calibration will not allow engine speed to exceed 5600 RPM, but Harley-

Davidson offers street-legal performance calibrations which will allow the engine to operate above 5600 RPM. If a performance calibration has been installed which permits the engine to exceed 5600 rpm, it could allow a condition that may potentially cause the engine to stall unexpectedly. A stall while riding in traffic could lead to a crash.

We have voluntarily declared this a defect related to motor vehicle safety (Campaign 0158) to allow us to formally recall all affected motorcycles. The remedy is to first confirm that the motorcycle is affected by this recall. If the motorcycle is affected, dealers will replace the engine mount bracket assembly and ignition switch knob on the affected motorcycles with the components provided in the recall kit. A Service Bulletin outlining the repair and credit procedures will follow within five days; please reference the bulletin for a detailed description of the defect. Based on supplier information we expected to begin recall kit shipments in limited quantities on or before July 21.

In the interest of the safety of our mutual customers and as required by law, you may sell but NOT DELIVER any affected motorcycles until the remedy is complete. **Please refer to *h-dnet / Service Toolbox / Warranty Campaign Center*. Select “Safety Campaign Open VIN list,” then select 0158 Campaign to view the VIN list.**

In accordance with Federal regulations administered by NHTSA and other appropriate market specific government agencies, Harley-Davidson Motor Company, Inc. or authorized Harley-Davidson dealers will provide notice to all owners of record of affected products with direction to arrange for the recall service.

Sincerely,
Harley-Davidson Motor Company, Inc.
0158

For: Dealer Operator, General Manager, All P&A Roles, All Service Roles, Vehicle Sales Manager

Sent to: All Dealers (Worldwide)

HARLEY-DAVIDSON MOTOR COMPANY
P.O. BOX 594, MILWAUKEE, WI U.S.A 53201
RECALL ORDER FORM

M-1376A SAFETY RECALL CODE 0158

TYPE CODE	ORDER TYPE	VEHICLE IDENTIFICATION NUMBER(S)
RC	RECALL	

ORDER DATE
DEALER NUMBER

QUANTITY	PART NUMBER	ITEM
	91500067	Code 0158: Dyna Low Rider Ignition Switch Bracket and Knob

NOTES:

- For each kit ordered, you must provide a VIN of the motorcycle on which the kit will be installed. Orders without VINs or that exceeds the maximum quantity of 2 kits will become invalid and will not be processed.
- All orders are subject to approval. You may not receive the total quantity of kits ordered due to parts availability. If this happens, please submit another order for the balance, following all order procedures outlined in the Service Bulletin.
- Fax orders to 414-343-8346. You must include your dealer number.

ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI USA 53201

NOTE: An order acknowledgement is automatically generated and faxed to your dealership's fax number as listed in GDIS the same day as your order is entered at HDMC. This acknowledgement will provide you with the order status and order number. To retrieve order information based on the Harley-Davidson order number, go to P&A Order Inquiry on h-dnet.com under the Parts and Accessories link, select H-D Order Number, enter the order number and click "Submit". At the bottom of the page, click on "Track Part" to view tracking information for the order.



Harley-Davidson Motor Company, 3700 West Juneau Ave., PO Box 653, Milwaukee, WI 53201 414/342-4680

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IMPORTANT SAFETY RECALL

This notice applies to your vehicle, VIN # _____

Date 7/29/2014

Harley-Davidson Recall No. 0158

NHTSA Recall No. 14V-413

Dear Harley-Davidson Motorcycle Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Harley-Davidson Motor Company, Inc. has decided that a defect which relates to motor vehicle safety exists in certain model year 2014.5 FXDL Dyna Low Rider motorcycles. We are notifying you because our records indicate that you own one of the affected motorcycles.

What is the Issue?

On motorcycles assembled with a top engine mount bracket assembly (P/N 16400026), excessive vibration can occur due to dealer or owner installation of certain performance (non-original equipment) Electronic Control Module (ECM) calibrations that allow the engine to operate above 5600 RPMs. This excessive vibration may cause the ignition switch to move from the "IGN" (ignition on) position to the "ACC" (accessory only) position, shutting the engine off. An unexpected engine shut-down while riding in traffic could lead to a crash. Harley-Davidson has initiated this recall to correct this condition in the affected motorcycles.

What Should You Do?

Please contact your authorized Harley-Davidson motorcycle dealer immediately and arrange an appointment to have your motorcycle repaired. Your dealer will confirm that your motorcycle is covered by this recall. If covered, the dealer will replace the engine mount bracket assembly and ignition switch knob with the components provided in the recall kit. The repair will take less than one hour to perform. To verify that the service has been completed, your dealer will ask you to sign a recall claim.

If you have sold your motorcycle and have an address for the current owner, it is important that you forward this notice to the new owner. Alternatively, you may contact us at the Harley-Davidson phone numbers listed below and provide us the contact information for your purchaser so that we may notify the new owner of this recall. Also, Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

What If You Have Additional Questions or Concerns?

If you take your motorcycle to your dealer on a mutually agreed upon date and they are unable to perform the required service to your satisfaction, please contact Harley-Davidson Motor Company, Inc. for immediate assistance at 1-800-258-2464 in the U.S. or 1-414-343-4056 worldwide.

If you are still having difficulty getting your vehicle repaired in a reasonable time, you may write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590; or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

We regret any inconvenience this may cause you, but we are initiating this action in the interest of your personal safety and satisfaction with our products. Thank you for your cooperation.

Sincerely,

Harley-Davidson Motor Company, Inc.
Recall 0158