



INSTRUCTIONS

94100554

2025-05-04



JIFFY STAND SENSOR KIT

GENERAL INFORMATION

Table 1. General Information

Kits	Suggested Tools	Skill Level ⁽¹⁾
69203477	Safety Glasses, Torque Wrench, LOCTITE 243 Medium Strength Threadlocker (Blue)	
(1) DTII or dealer installation required		

KIT CONTENTS

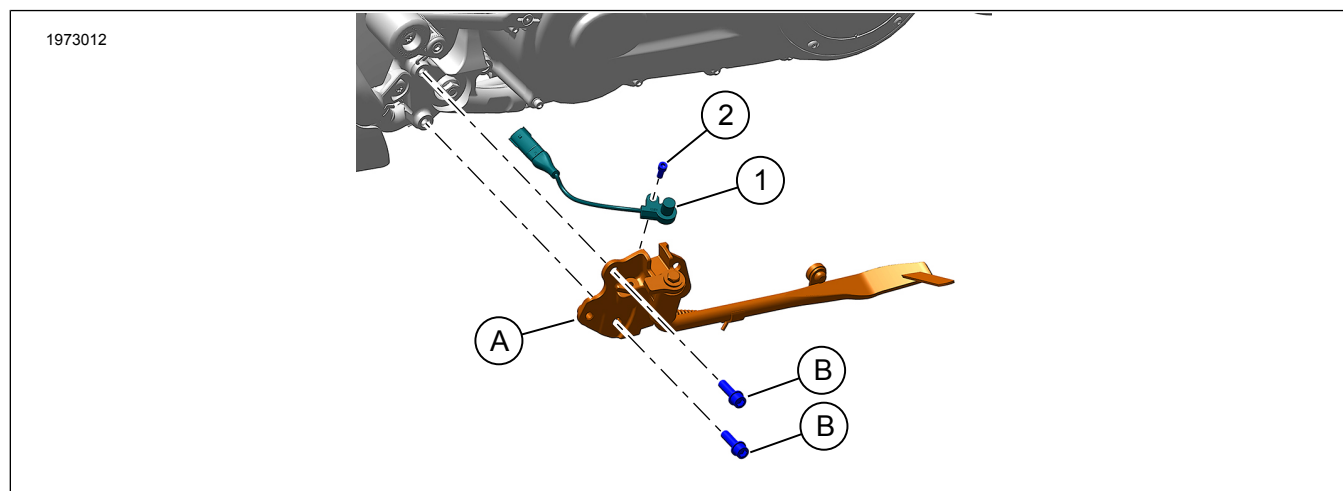


Figure 1. Kit Contents: Jiffy Stand Sensor

Table 2. Kit Contents: Jiffy Stand Sensor

<input checked="" type="checkbox"/>	Verify that all contents are present in the kit before installing or removing items from vehicle.				
<input type="checkbox"/>	Item	Qty	Description	Part No.	Notes
<input type="checkbox"/>	1	1	Jiffy stand switch	50126-08b	
<input type="checkbox"/>	2	1	Hex socket screw	3594	
Items mentioned in text, but not included in kit					
<input checked="" type="checkbox"/>	A	1	Original Equipment (OE) Jiffy stand sub-assembly		
<input checked="" type="checkbox"/>	B	2	OE Hex socket screw		

GENERAL

Instruction sheet is also available electronically. To verify you are using the most current version available, do one of the following:

- Go to h-d.com/isheets
- Scan QR code in upper left corner of the instruction sheet

NOTE

This instruction sheet **may have a Supplemental Video** to assist installer in clarifying a certain part of the assembly. A linked video would be located at the end of this instruction sheet.

Models

For model fitment information, see the Parts and Accessories (P&A) Retail Catalog or the Parts and Accessories section of www.harley-davidson.com.

Contact Harley-Davidson Customer Support Center at 1-800-258-2464 (U.S. only) or 1-414-343-4056.

Installation Requirements

⚠ WARNING

Rider and passenger safety depend 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. (00333b)

NOTE

This instruction sheet references service manual information. A service manual for the year and model motorcycle is required for this installation and is available from:

- A Harley-Davidson dealer.
- H-D Service Information Portal, a subscription-based access available for most 2001 and newer models. For more information see *Frequently ask questions about subscriptions*.

REMOVE

1. Remove main fuse. See service manual.

PREPARE

1. See Figure 2. Remove nylon insert (1) from jiffy stand sub-assembly.

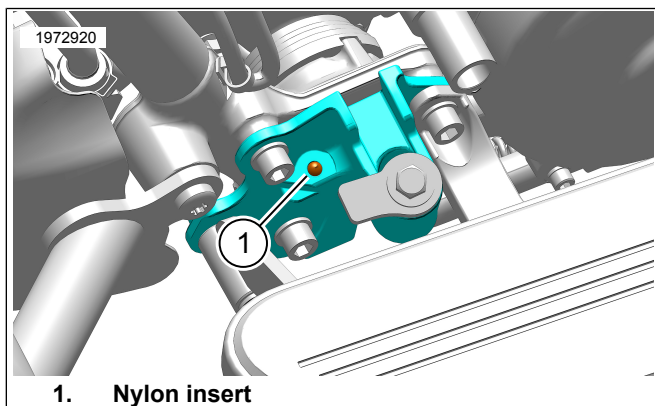


Figure 2. Nylon Insert

INSTALL

1. See Figure 1. Apply threadlocker to screw (2).
Consumable: LOCTITE 243 MEDIUM STRENGTH THREADLOCKER AND SEALANT (BLUE) (99642-97)
2. Install sensor (1) onto jiffy stand (A).
3. Secure sensor with hex screw (2). Tighten.
Torque: 11–14 N·m (97–124 in-lbs)
4. See Figure 3. Route harness (1) to jiffy stand connector (3).
5. Secure harness connector with clip (2).

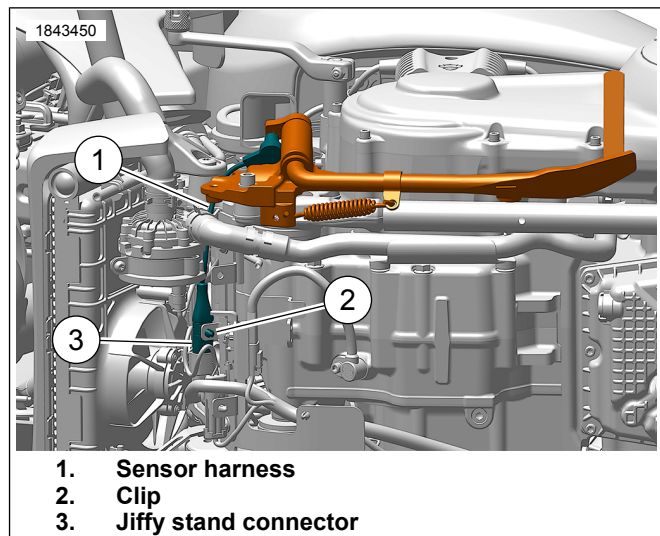


Figure 3. Harness Install

COMPLETE

1. Install main fuse. See service manual.
2. Installation requires Digital Technician II (DT II) software update from a Harley-Davidson dealer.

OPERATION

NOTE

Vehicle Hold Control (VHC) is not intended to be used as a parking brake.

Vehicle can be put into **neutral** with brake and clutch lever's released.

Vehicle Hold Control (VHC)

VHC uses brake pressure to keep the motorcycle from rolling when it is stopped on an incline, making it easier to ride away when starting on an incline, such as a hill, a bridge or a parking ramp. The VHC holds brake pressure when activated and prevents the motorcycle from moving after the rider has released the brake controls. The system holds brake pressure until the rider actuates the throttle and clutch to pull away.

Activation:

The rider activates VHC by applying extra pressure to either the front brake hand lever or the rear brake foot control after the motorcycle has come to a complete stop. If rider brakes very hard to a stop, and holds the brake pressure after stopped, VHC may also set without any added squeeze. A VHC indicator will illuminate to confirm that the rider has activated VHC and the Anti-lock Braking System (ABS) system will hold brake pressure after the rider releases the brake control.

Deactivation:

VHC is deactivated automatically as the rider begins to pull away from a stop, or if the rider firmly applies and releases either brake control. VHC may deactivate if rider aggressively revs the engine with clutch lever pulled in. VHC will also deactivate if the rider lowers the side stand on models with a side stand sensor (not in all markets) or shifts into neutral on models without a side stand sensor. VHC will deactivate when engine stops running. VHC will deactivate after between

approximately 3 minutes and 5 minutes. In most situations, the indicator will flash and the VHC will release if there is no rider action. (VHC may deactivate in less than five minutes to prevent overheating if being used often on steep grades.)

Limitations:

VHC may not be able to hold the vehicle at a stop under all circumstances. Steep hills, road surfaces and other factors can all affect VHC capability. The rider must remain prepared to control the vehicle should it roll.

VHC Icons

See Figure 4, Figure 5 and Figure 6. The Vehicle Hold Control indicator (1) displays the status of the vehicle hold control system.

Solid: Vehicle Hold Control is engaged and maintaining brake pressure.

Slow flashing: Indication that brake pressure is being released, or is about to be released automatically. The rider should be prepared to engage the brake manually or drive off.



Figure 4. VHC Indicator Lamp: Vehicle With IFCU

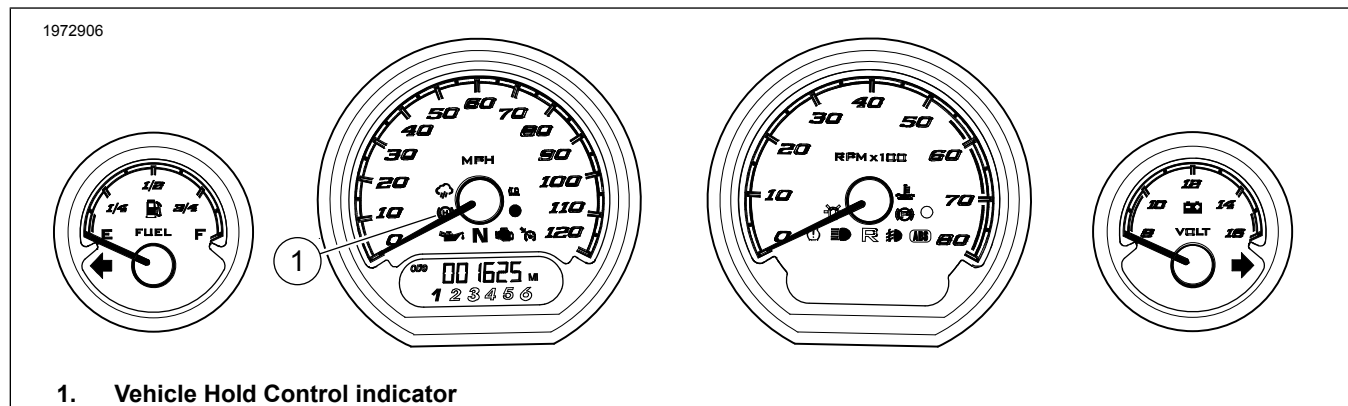


Figure 5. VHC Indicator Lamp: Vehicle With Fairing

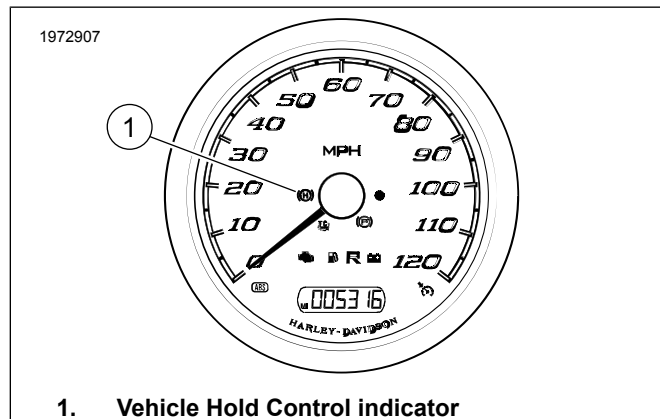


Figure 6. VHC Indicator Lamp: Vehicle Without Fairing