

SERVICE BULLETIN

M-1016

September 17, 1991



1991 FXDB STURGIS® JIFFY STAND SPRING AND ANCHOR PLATE

General

The jiffy stand spring tension on some 1991 FXDB Sturgis vehicles may relax somewhat over a period of time. If this occurs, the jiffy stand leg may not fully seat against its frame-mounted rubber bumper when the leg is retracted (up position).

Harley-Davidson has modified the design of the jiffy stand spring and anchor plate for improved jiffy stand leg retention against the rubber bumper. The new style spring and anchor plate should be installed as a set on 1991 FXDB Sturgis vehicles which exhibit a reduction in jiffy stand spring tension (see the Credit Procedure at the end of this Service Bulletin for warranty information). Use the Jiffy Stand Spring and Anchor Plate Kit (Part No. 47303-90A), which contains the following components:

QTY	DESCRIPTION	PART NUMBER
1	Spring	50057-91
1	Anchor plate	47303-91
1	Pan head screw	3655

CAUTION

The new style jiffy stand spring and anchor plate must be installed as a set. If you are installing a new style spring, you must also install the matching new style anchor plate (and vice versa). Improper operation of the jiffy stand assembly, or damage to the jiffy stand components, may otherwise result.

Installation

1. See illustration. Raise motorcycle on solid, stable flooring so that front tire is 1 - 2 inches above floor. Support motorcycle using blocks beneath frame (1).
2. Wipe any dirt off jiffy stand leg (2), original spring (3), original anchor plate (4), and jiffy stand pivot/lock mechanism (5).
3. Place jiffy stand leg in retracted (up) position, which reduces the tension on the jiffy stand spring.

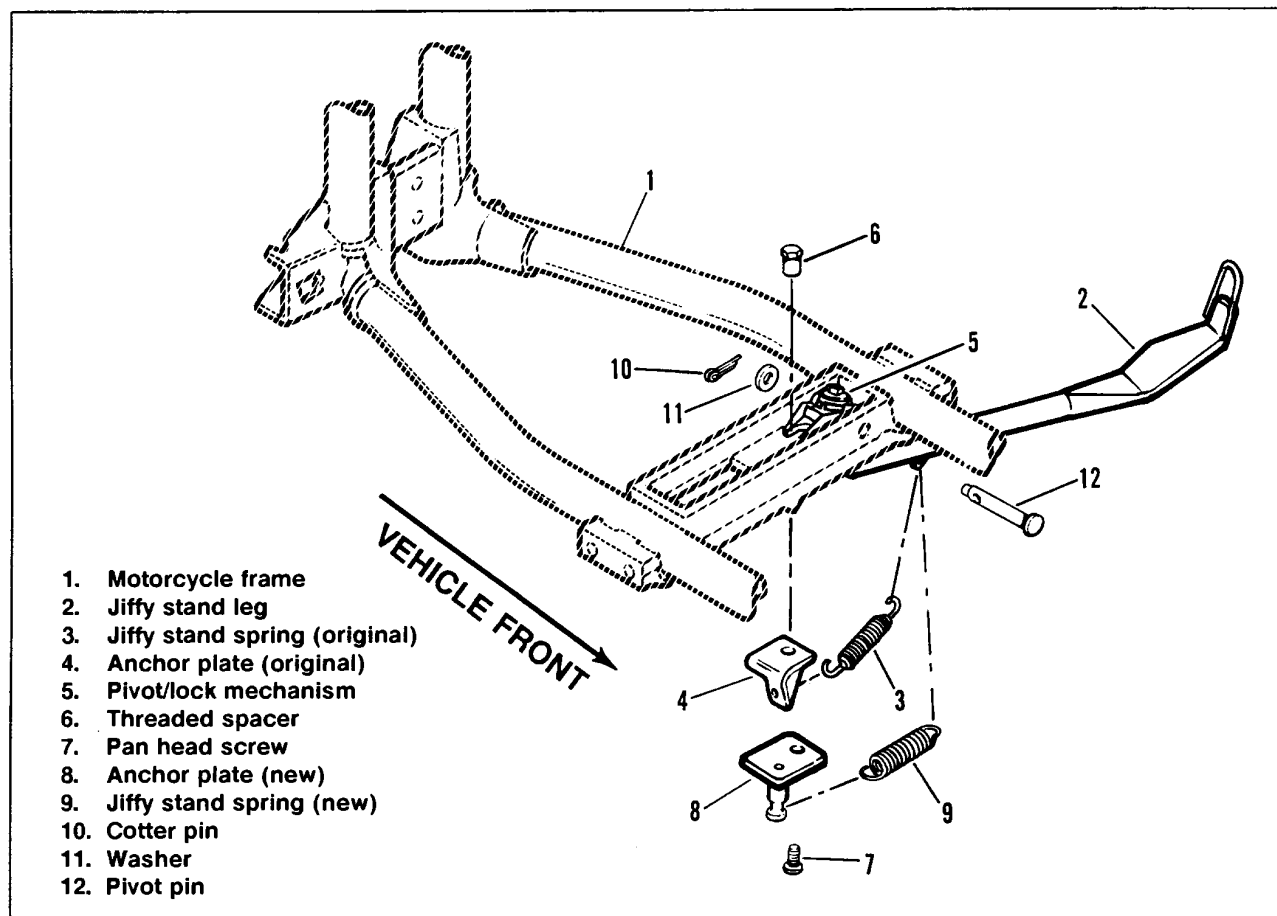
WARNING

Wear gloves and protective eyewear when performing the following procedures. The jiffy stand spring tension could cause the spring, components attached to the spring, and/or hand tools to fly outward at great speed during the removal/installation procedures.

4. Remove cotter pin (10) and washer (11). Firmly grasp jiffy stand leg, and remove pivot pin (12) from lower frame crossmember. Lower the jiffy stand assembly to relieve the tension on original spring.
5. Unhook original spring (3) from jiffy stand leg and original anchor plate. Discard original spring.
6. Remove threaded spacer (6) and original T-40 Torx® pan head screw (7) in order to remove the original anchor plate (4), which is located beneath lower frame crossmember. Discard original anchor plate and original pan head screw.
7. Clean underside of lower frame crossmember in area where new anchor plate (8) will be mounted. Inspect for worn or damaged jiffy stand components; replace as required.
8. Position new anchor plate (8) onto underside of lower frame crossmember so that the plate's anchor pin is pointing downward and is oriented to the right front corner of the plate as shown. Secure plate to crossmember using new T-40 Torx® pan head screw (7) and original threaded spacer (6). Tighten threaded spacer to 15 - 19 ft-lbs torque.
9. Hook either end of new spring (9) into original spring mounting hole on jiffy stand. Install other end of new spring over anchor pin of new anchor plate (8).
10. While holding end of spring in groove of anchor pin, position jiffy stand pivot/lock mechanism (5) within opening in lower frame crossmember.
11. Manipulate jiffy stand leg so as to align pivot holes of jiffy stand assembly and frame crossmember (a drift or center punch may help with this alignment procedure). Install pivot pin (12), washer (11), and new cotter pin (10) to secure jiffy stand assembly onto frame. Bend ends of cotter pin to lock it in place on pivot pin.
12. Apply a small amount of wheel bearing grease to anchor pin on new anchor plate (8). Extend and retract jiffy stand leg several times to check for proper operation of new spring and anchor plate. In retracted (up) position, jiffy stand leg should be securely seated against frame-mounted rubber bumper.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO
INITIAL HERE									

1991 Harley-Davidson®, Inc.



Jiffy Stand Spring and Anchor Plate - Exploded View

WARNING

- The jiffy stand locks when, after placing in the full forward (down) position, the vehicle weight is rested on it. Without vehicle weight resting on the jiffy stand, any movement of the vehicle could cause the jiffy stand to retract slightly from the full forward position. If the jiffy stand is not in the full forward (lock) position when vehicle weight is rested on it, the vehicle could fall over, possibly causing personal injury and/or vehicle damage.
- Verify that jiffy stand is retracted (up position) before riding the motorcycle. If jiffy stand is not retracted during vehicle operation, it could contact the road surface causing a momentary disturbance before retracting. This momentary disturbance could distract the rider, possibly causing loss of vehicle control.

CAUTION

Always park the motorcycle on a level, firm surface. Vehicle weight could cause motorcycle to fall over, possibly resulting in cosmetic damage.

13. Lower the motorcycle to the floor after carefully removing support blocks from beneath frame. Extend the jiffy stand leg to full forward (down) position, and test the jiffy stand assembly for proper operation.

Credit Procedure

REPLACEMENT ON VEHICLE

1. After servicing each vehicle, fill out a Warranty Claim Form referencing this Service Bulletin M-1016. Record your Dealer Account Number, the VIN (Vehicle Identification Number), the owner information, and your dealership name and address.
2. Package the original jiffy stand spring and anchor plate along with the completed Warranty Claim Form. Attach a return address P-label, Form No.1248, to the outside of the package.
3. Send package to Harley-Davidson, Inc. When Harley-Davidson receives the package, you will receive full credit for both postage and 0.3 labor hours (labor code number 2396).

PARTS ORDER STOCK

All stock of original style jiffy stand spring (Part No. 50057-90) and original style anchor plate (Part No. 47303-90) must be returned to Harley-Davidson for credit. Fill out a Warranty Claim Form referencing this Service Bulletin M-1016. Return the completed Warranty Claim Form along with the parts following normal warranty procedure. When Harley-Davidson receives the parts, you will receive credit for parts and return postage.