

# SERVICE BULLETIN

M-887

SAFETY RECALL CODE 057

April 6, 1984



## SIDECAR FRONT MOUNT

### General

A routine inspection conducted on one of our company owned vehicles revealed a fracture at the upper clamp in the sidecar upper front mount. Further investigation and analysis of the fractured part indicated that the fracture was due to chemical impurities in the casting and improper heat treating. These conditions were acquired during the manufacturing process of our vendor.

Although we have not experienced a single field problem to date, Harley-Davidson Motor Co., Inc. has still decided to declare this a safety recall to allow us to formally recall all potentially affected 1983 and 1984 model FLTC and FLHTC vehicles equipped for sidecar installation. A list of all potentially affected vehicles is printed on the last page of the bulletin.

All registered owners of record are being notified by mail to contact you and arrange to have the service performed at no charge to them (see enclosed letter). Each registered owner letter will include a Dealer Service Card 057 which must be completed, dated and signed by both the customer and the dealer.

We have attached a list that contains both registered owners and unregistered vehicles delivered to your dealership which are involved in this campaign. It is your responsibility to perform the required service on all potentially affected vehicles, including those which may not show up on your list. We are enclosing sufficient blank Dealer Service Cards for those vehicles. If necessary, additional cards are available through the Harley-Davidson Service Department.

### WARNING

Because only registered owners, as shown on the attached list, will receive notification from us, we request that you contact any owners of vehicles still listed as unregistered. Advise them of the safety recall and make arrangements for them to come in for service. We also require that you provide us with their names, addresses and VIN's 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.

If you are not sure that a safety recall has been completed on a particular motorcycle, contact the Harley-Davidson Service Department for a computer check of our recall records.

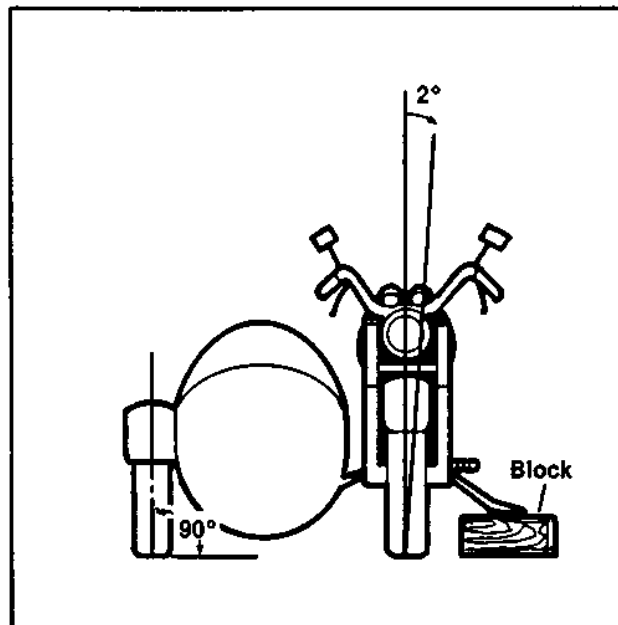


Figure 1. Vehicle Tilt Angle

Your total requirement of 057 kits, Part No. 93473 will be shipped to you on or about 4-17-84, no charge, freight prepaid.

### Upper Front Mount Service Procedure

#### REMOVAL

1. Place blocking under jiffy stand as shown in Figure 1.

#### CAUTION

Vehicle must be adequately supported by blocking to prevent the front brace from rotating in the clamps and damaging the damper tube when the brace is detached.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

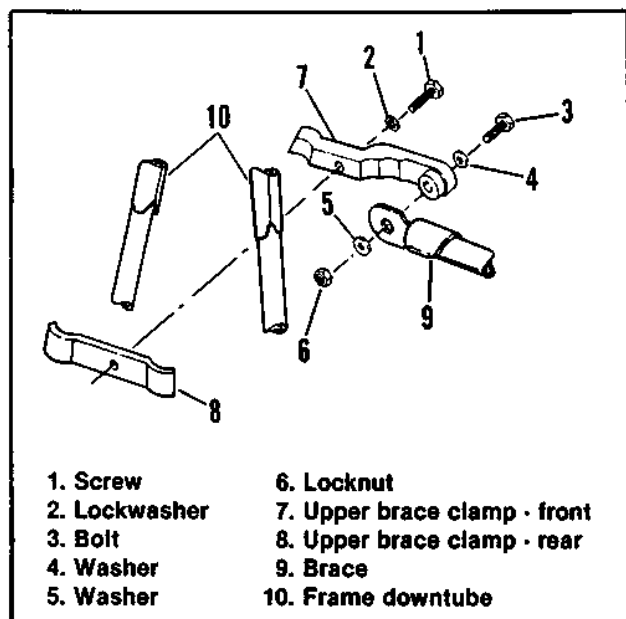


Figure 2. Front Upper Mount

2. See Figure 2. Detach brace (9) by removing bolt (3) nut (6) and washers (4) and (5).
3. Remove upper brace clamp front (7) and rear (8) by first removing bolt (1) and lockwasher (2).

#### INSTALLATION (Figure 2)

1. Position replacement upper brace clamps front (7) and rear (8) with the center holes aligned. Place lockwasher (2) on bolt (1). Insert bolt (1) through clamp (7) and loosely thread into the tapped center hole in clamp (8).
2. Place flatwasher (4) on bolt (3). Position upper clamp assembly so outboard hole in clamp (7)

aligns with hole in brace (9). Insert bolt (3) through clamp (7) and brace (9). Place washer (5) over end of bolt (3) then thread on locknut (6).

3. Tighten bolt (1) to 50-60 ft-lbs torque.
4. Tighten bolt (3) to 70-80 ft-lbs torque.

#### ADJUSTMENT (Figure 1)

Check vehicle tilt angle with protractor. If necessary adjust sidecar front brace forward or backward in clamps so motorcycle leans approximately 2° away from sidecar. Refer to the Owner's Manual for full information on checking and adjusting vehicle tilt angle.

#### Credit Procedure

1. After servicing each vehicle, be sure to completely fill out special Dealer Service Card provided. For each vehicle serviced, place a 'C' in the letter box and a '1' in the Quantity box. Fill in your Dealer Account Number, the Service Code '057', the Vehicle Identification Number (VIN), and your dealership name and address along with the owner information, if blank.
2. Package the old set of clamps with the properly completed Dealer Service Card.
3. Attach a return address P-label, Form Number 1248 to the outside of the package.
4. Upon receipt of each replaced set of clamps and properly completed Dealer Service Card, you will be credited for postage, along with .4 hours for each completion. The time allowance is the same for all models involved.



## VEHICLES INVOLVED IN 057 SAFETY RECALL

1HD1DEK10DY503108	1HD1DEK15DY503895	1HD1DHK13DY503105
1HD1DEK10DY503500	1HD1DEK16DY503839	1HD1DHK13DY503640
1HD1DEK10DY503559	1HD1DEK17DY503591	1HD1DHK13DY503721
1HD1DEK10DY503643	1HD1DEK17DY503686	1HD1DHK13DY503816
1HD1DEK10DY503707	1HD1DEK17DY503770	1HD1DHK14DY503663
1HD1DEK10DY503724	1HD1DEK17DY503820	1HD1DHK14DY503792
1HD1DEK10DY503769	1HD1DEK18DY503955	1HD1DHK14DY503842
1HD1DEK10DY503772	1HD1DEK18DY503969	1HD1DHK15DY503106
1HD1DEK10DY503819	1HD1DEK19DY500210	1HD1DHK15DY503123
1HD1DEK11DY503666	1HD1DEK19DY503107	1HD1DHK15DY503705
1HD1DEK11DY503747	1HD1DEK19DY503558	1HD1DHK15DY503722
1HD1DEK11DY503795	1HD1DEK19DY503642	1HD1DHK15DY503767
1HD1DEK12DY503126	1HD1DEK19DY503687	1HD1DHK16DY503664
1HD1DEK12DY503143	1HD1DEK19DY503723	1HD1DHK17DY503768
1HD1DEK12DY503501	1HD1DEK19DY503771	1HD1DHK18DY503911
1HD1DEK12DY503532	1HD1DEK19DY503818	1HD1DHK19DY500211
1HD1DEK12DY503644	1HD1DEK1XDY503620	1HD1DHK19DY503142
1HD1DEK12DY503708	1HD1DEK1XDY503794	1HD1DHK1XDY503683
1HD1DEK12DY503725	1HD1DEK1XDY504105	1HD1DHL28EY700179
1HD1DEK12DY503840	1HD1DEL21EY700166	1HD1DHL30EY500034
1HD1DEK12DY503921	1HD1DEL22EY700063	1HD1DHL30EY502186
1HD1DEK12DY504115	1HD1DEL27EY502479	1HD1DHL31EY501788
1HD1DEK13DY503619	1HD1DEL30EY500694	1HD1DHL31EY502276
1HD1DEK13DY503667	1HD1DEL32EY502009	1HD1DHL31EY502326
1HD1DEK13DY503748	1HD1DEL33EY501662	1HD1DHL32EY500035
1HD1DEK13DY503796	1HD1DEL33EY502388	1HD1DHL32EY501671
1HD1DEK14DY503144	1HD1DEL34EY500021	1HD1DHL34EY502420
1HD1DEK14DY503502	1HD1DEL37EY500031	1HD1DHL36EY502399
1HD1DEK14DY503533	1HD1DEL38EY501706	1HD1DHL36EY502435
1HD1DEK14DY503709	1HD1DEL38EY502404	1HD1DHL37EY501634
1HD1DEK14DY503838	1HD1DEL39EY500032	1HD1DHL37EY501813
1HD1DEK14DY503841	1HD1DEL3XEY502341	1HD1DHL38EY502436
1HD1DEK15DY503590	1HD1DHK11DY503815	1HD1DHL39EY500033
1HD1DEK15DY503668	1HD1DHK11DY504088	1HD1DHL3XEY502437
1HD1DEK15DY503749	1HD1DHK12DY503791	1HD1DHL3XEY700001

**SAMPLE COPY**

April 6, 1984

057

Dear Harley-Davidson Owner,

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

Harley-Davidson Motor Co., Inc. has determined that a defect which relates to motor vehicle safety exists in some 1983 and 1984 model FLTC and FLHTC motorcycles equipped with a Harley-Davidson sidecar. The component in question is the upper brace clamp which is part of the sidecar connection assembly shipped with the vehicle. The possible fracturing of this clamp during operation of the motorcycle while equipped with the sidecar could cause potential handling problems, however, the sidecar will remain attached to the motorcycle.

Our records show you are the owner of a 1983 or 1984 model FLTC or FLHTC motorcycle identified by the VIN (Vehicle Identification Number) shown on the enclosed Dealer Service Card.

WE ADVISE YOU NOT TO OPERATE YOUR MOTORCYCLE WITH THE SIDECAR UNTIL YOUR DEALER SERVES THE SIDECAR CONNECTION ASSEMBLY.

To prevent the possibility of a fracture occurring in the upper brace clamp of your sidecar connection assembly, we urge you to contact your Harley-Davidson dealer immediately and arrange an appointment to have him service your vehicle, free of charge. Parts will be available generally by April 21, 1984, and the dealer's actual labor should take less than one-half hour.

To verify that the service has been completed, the enclosed Dealer Service Card must be presented to the dealer when service is performed, then signed by you and the dealer and returned to us. If you have sold your vehicle, please accurately fill out and mail the enclosed Motorcycle Owner Card with the information on your purchaser which will enable us to contact and advise that person of this recall.

If you take your vehicle to your dealer on a mutually agreed upon date and he does not perform the required service to your satisfaction, please contact our Service Department for assistance immediately at the address or telephone number listed on the letterhead. If your dealer or Harley-Davidson fails or is unable