

**FRONT WHEEL TIRE BEAD CLAMP AND
REAR BRAKE SIDEPLATE / SX-175**

A certain number of York produced SX-175 motorcycles, within the range of VIN' s listed below, will require corrective modification as specified in this bulletin under Item 1 and Item 2.

In compliance with the National Motor Vehicle Safety Act, these items have been declared safety defects and all affected vehicles will require installation of an additional front tire bead clamp and installation of a redesigned rear brake sideplate. Because the same range of vehicle VIN' s are involved, both defects will be handled together.

It has been determined that the possibility of these defects occurs on vehicles within the following range of VIN' s:

5D 40000 H4 to 5D 45074 H4

A list of registered owners and a list of unregistered vehicles involved in this campaign which have been delivered to your dealership are included with this bulletin. It is your responsibility to make directed changes on all affected vehicles, and to contact owners of affected vehicles which you have sold but which are not shown on enclosed lists. We are notifying owners of affected motorcycles sold by your dealership to contact you for this service.

We are enclosing a copy of the customer letter and referral card for your information. Each letter to the owner will include Special Service Card 025 which must be completed and signed by both the customer and you, the dealer, to verify that service has been satisfactorily completed. A sample service card and extra cards for undelivered vehicles are enclosed.

Order your requirements of front wheel bead clamp and rear brake sideplate kit, part No. 93127 immediately using the special parts order form enclosed. The dealer net price will be charged in the regular way.

Immediately after service has been performed, return completed cards 025. Do not return sideplates--these should be destroyed so they cannot be reused.

You will receive credit for the dealer net price of each part installed or replaced and an additional \$8.00 for labor for each properly completed Service Card returned to the factory.

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ITEM 1: One of the two front tire bead clamps was not installed on SX-175 motorcycles within the range of VIN's listed. As a result, the rubber rim strip located between the rim and inner tube is exposed through the rim hole which is normally occupied by the missing tire bead clamp. This could possibly, after a period of time, result in some deterioration of the rubber rim strip which could allow the tube to contact the rim hole resulting in abrasion of the tube and possible tube failure.

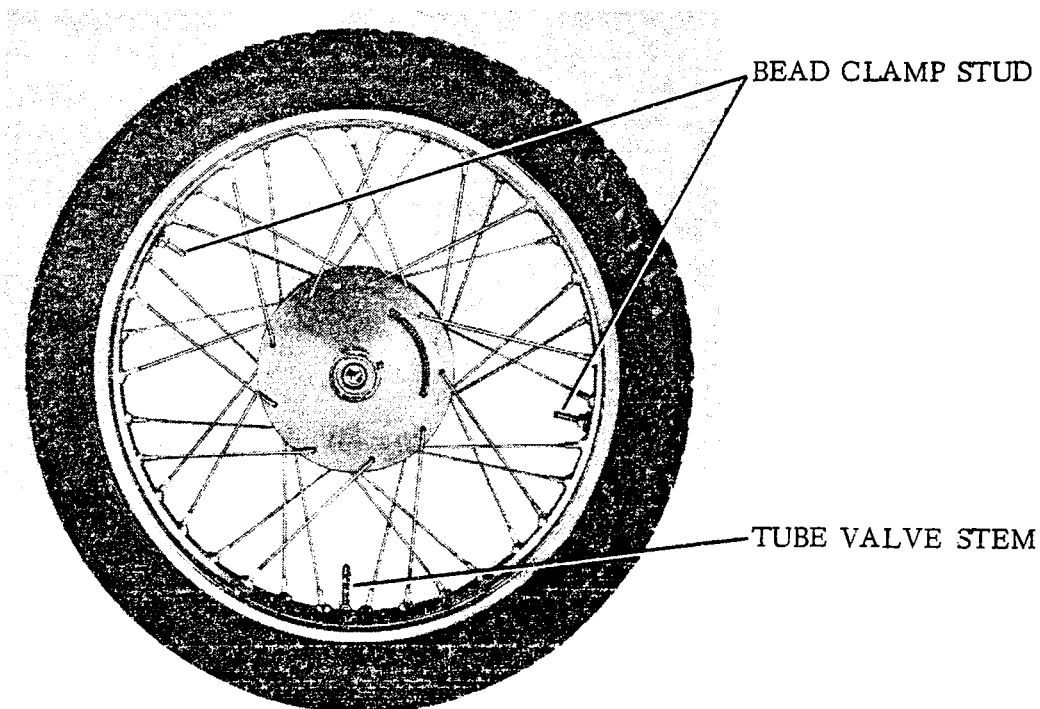
To correct this condition, you are required to install an additional tire bead clamp assembly on the front wheel of the affected vehicles. Also, the tube valve stem must be relocated in the rim to achieve more correct balance. Assembling instructions follow.

INSTRUCTIONS FOR ITEM 1

To remove front wheel assembly, remove axle nut, loosen fork clamp slider bolt(s), axle and speedometer drive unit. Remove nut from sideplate anchor bracket stud. Pull wheel assembly with brake sideplate from between fork sliders. Separate wheel from sideplate. It is not necessary to remove or loosen brake cable.

Remove tube stem valve to release air. Remove tire bead clamp nut and washers.

Remove tire bead from one side of rim only and remove tube and rim strip. Assemble additional tire bead clamp to rim opposite present bead clamp and loosely assemble washers and nut to bead clamps. The following illustration shows the correct location of valve stem hole between tire bead clamps.



With hole in rim strip positioned at tube valve stem hole, assemble rim strip to rim, positioning it over bead clamps. With wheel assembly in a vertical position, push down on tire to allow access to align rim strip over spokes. Reinstall tube with valve stem located as shown.

IMPORTANT! Care must be taken to see that tube is not pinched when installing tire bead on rim and when tightening nuts on bead clamps.

When reinstalling tire bead on rim, make sure that tire bead clamps are pushed up into tire and use a liberal amount of soap on tire bead for ease of bead installation on rim.

Reassemble wheel to sideplate and position between fork sliders. Tighten axle nut to 58 ft. Lbs. torque and then tighten fork slider bolt(s). Reassemble anchor bracket to sideplate stud using nut.

If desired, further balancing with balancing equipment can be done using spoke weights, part No. 95578-41, or solid lead wire.

ITEM 2: The rear brake sideplate on motorcycles within the range of VIN' s listed has insufficient strength in the anchor bracket stud mounting area. Under severe braking conditions, there is a possibility that the stud might break out of the sideplate, resulting in continued application or loss of rear brake. Although front brake would still be effective, an accident could result, with possible personal injury.

To correct this condition, you are required to install a redesigned rear wheel sideplate and anchor bracket on the affected vehicles. Assembling instructions follow.

INSTRUCTIONS FOR ITEM 2

Raise rear end of motorcycle high enough to allow about 2" clearance under rear wheel assembly. Support motorcycle by using suitable blocking underneath frame.

Remove brake adjusting knurled nut. Unthread adjuster from threads in projection on brake sideplate. Pull threaded part of brake cable out of hole in lockbar. Slip brake cable through slot in projection, freeing it from sideplate.

Remove brake anchor bracket from motorcycle rear fork by removing two sets of attaching hardware made up of screw, washer and nut.

Remove rear axle nut, washer and adjusting cam. Using a soft hammer, tap rear axle loose and pull axle out of hub from opposite side.

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Lower rear wheel assembly and remove sideplate with brake shoes. To remove brake shoes, fold them up and away from sideplate and pull brake shoe ends free of operating shaft and pivot stud in sideplate. Mark brake lever relation to splines on brake operating shaft and then disassemble from brake sideplate. Destroy old sideplate with anchor bracket.

Reassemble brake operating shaft and lever and brake shoes to new redesigned sideplate and reversing order of disassembly, reinstall rear wheel and brake assembly on motorcycle.

Adjust chain and rear brake.

HARLEY-DAVIDSON MOTOR CO., INC.