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REFER TO BULLETIN SER '74 H-27

PROBLEM

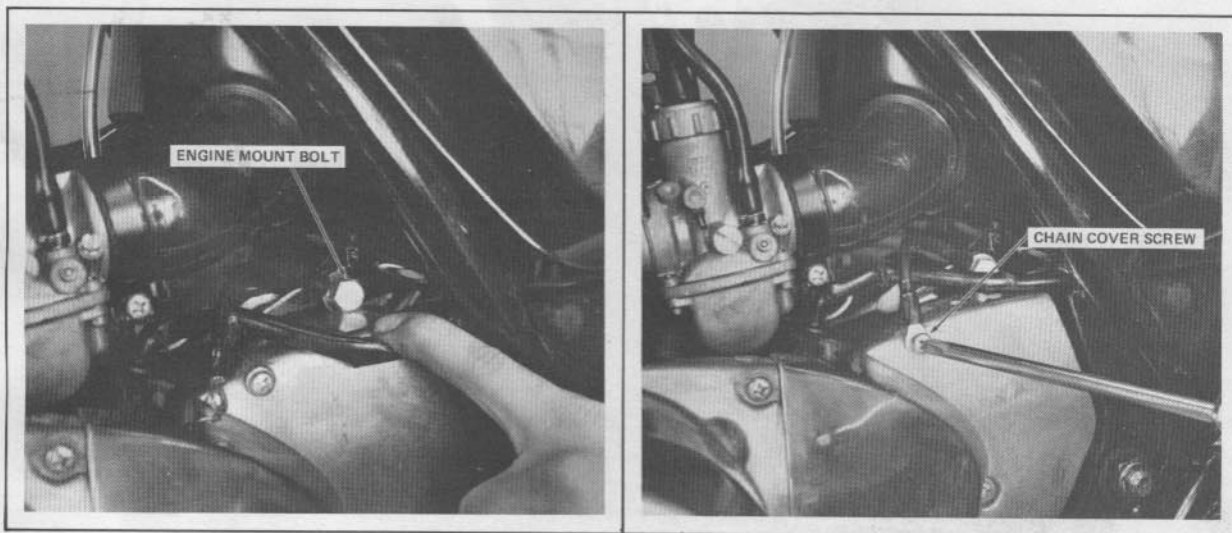
On the early S3 motorcycles engine misfiring and fouling spark plugs may become a problem when the electrical system is under a heavy load. For example, with the headlight on the turn signals may produce misfiring when they flash.

CAUSE

This problem is directly related to the new rubber mounting system of the engine isolating it from the frame. The engine is grounded only indirectly through the shift linkage, drive chain, and control cables. These components are all poor conductors and with exposure to water and dirt their ability to ground the engine becomes even worse. This decreases the voltage to the ignition system resulting in engine misfiring. Operating the lights, turn signals or horn further aggravates the problem.

SOLUTION

This problem has been cured in production after frame number S3F-005187 by the addition of a ground wire between the frame and the engine chain cover. A heavy gauge lead is used to assure the least possible resistance between the engine and frame.



INSTALLATION

For proper ignition performance under all conditions this ground wire (P/N 26011-084) must be installed on all S3 motorcycles before frame number S3F-005187.

- STEP 1** Remove the rear engine mount bolt shown in the first photo. The engine chain cover does **NOT** have to be removed to do this.
- STEP 2** Push the LH engine bracket upwards exposing the mounting tab on the frame. Sand or scrape the paint from the outside surface of the tab. Push the engine bracket back into place.
- STEP 3** Remove the chain cover screw shown in the second photo. Put the screw through one end of the ground wire and reinstall the screw. Do not tighten. Put the engine mounting bolt through the other end of the ground wire while reinstalling it.
- STEP 4** Tighten the engine mounting bolt and the chain cover screw.

Please see reverse side for additional information.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	EFFECTIVE I.D.	REMARKS
Ground Wire	26011-084	S3F-005187	Attaches from rear frame mount to chain cover screw.

WARRANTY INFORMATION

Install the ground wire on all S3 motorcycles before frame number S3F-005187.

KAWASAKI MOTORS CORP. U.S.A. WARRANTY REQUEST

PLEASE PRINT ALL INFORMATION CLEARLY
PRINT NUMBERS AS SHOWN: 1 2 3 4 5 6 7 8 9 0
DO NOT PRINT IN SHADED AREAS

CONTROL NO. **No. 154901**

CLAIM TYPE (MARK ONE ONLY) 1 PART DAMAGE MISSING 4 SPARE PARTS
 2 NORMAL WARRANTY COVERAGE 5 ACCESSORY
 3 FACTORY DIRECTED MODIFICATION

MODEL **S3** YEAR **74** FRAME NO. _____
 EXPIRATION DATE _____ SELLING DEALER NO. _____
 ENGINE NO. _____ PURCHASE DATE _____ FAILURE DATE _____ REPAIR DATE _____
 OWNER'S NAME ADDRESS CITY STATE AND ZIP CODE _____ MILEAGE _____
 OWNER'S PHONE NO. _____

DISTRIBUTOR NO. _____ DEALER NO. _____
 TROUBLE & CAUSE: **PER BULLETIN # S-10**

CAUSAL AND MAJOR AFFECTED PARTS

QUANTITY	CAUSAL PART NUMBER	CAUSAL CODE	CAUSAL PART DESCRIPTION	PRICE	AMOUNT
0126011	-084		GROUNDING WIRE		

TOTAL HOURS: **0.2** HOURS AMOUNT: _____
 SUBLET ITEMS (ATTACH INVOICES): _____
 POSTAGE / FREIGHT: _____
 SUB TOTAL: _____

REJECT OR RETURN CODE: _____ DATE: _____ RETURN CODE: _____
 DISTRIBUTOR APPROVAL: _____ DATE: _____
 DISTRIBUTOR SIGNATURE: _____ DEALER SIGNATURE: _____ OWNER'S SIGNATURE: _____ DATE: _____

TOTAL PARTS: _____
 PARTS HANDLING ALLOWANCE: _____
 SUB TOTAL (FROM ABOVE): _____
 TOTAL PARTS & LABOR: _____
 ADJUSTMENT: _____
TOTAL CLAIM: _____