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## REFER TO BULLETIN SER '74 H-27

### PROBLEM

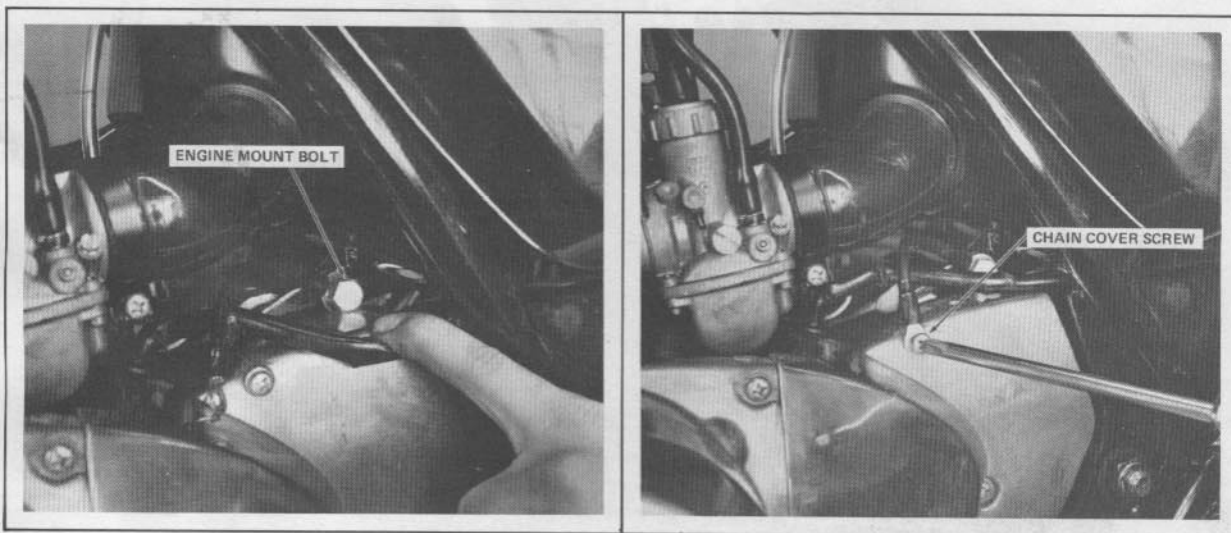
On the early S3 motorcycles engine misfiring and fouling spark plugs may become a problem when the electrical system is under a heavy load. For example, with the headlight on the turn signals may produce misfiring when they flash.

### 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. \_\_\_\_\_  
 PURCHASE DATE \_\_\_\_\_ FAILURE DATE \_\_\_\_\_ REPAIR DATE \_\_\_\_\_  
 MILEAGE \_\_\_\_\_

DEALER'S ADDRESS CITY AND ZIP CODE \_\_\_\_\_  
 OWNER'S NAME ADDRESS CITY STATE AND ZIP CODE \_\_\_\_\_  
 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
<b>0126011</b>	<b>-084</b>		<b>GROUNDING WIRE</b>		

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

REJECT OR RETURN CODE: \_\_\_\_\_ DATE: \_\_\_\_\_ RETURN CODE: \_\_\_\_\_  
 DISTRIBUTOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
 I CERTIFY THAT THE INFORMATION ON THIS CLAIM IS ACCURATE AND THAT THE REPAIRS WERE PERFORMED UNDER KAWASAKI WARRANTY POLICY.  
 I CERTIFY THAT THE REPAIRS LISTED ON THIS CLAIM HAVE BEEN PERFORMED TO MY SATISFACTION UNDER KAWASAKI WARRANTY POLICY.

TOTAL PARTS: \_\_\_\_\_  
 PARTS HANDLING ALLOWANCE: \_\_\_\_\_  
 SUB TOTAL (FROM ABOVE): \_\_\_\_\_  
 TOTAL PARTS & LABOR: \_\_\_\_\_  
 ADJUSTMENT: \_\_\_\_\_  
**TOTAL CLAIM**: \_\_\_\_\_