



VF500 #2
JULY 1984

SERVICE BULLETIN

AMERICAN HONDA MOTOR CO., INC. MOTORCYCLE SERVICE DEPARTMENT

PRODUCT UPDATE 1984 VF500F Engine Replacement

Some of the engines in these models may develop a fatigue crack in the crankshaft if the engine is operated for extended periods above 10,000 rpm.

Replacement engines are being supplied to correct this condition.

AFFECTED FRAME NUMBER RANGE:

49-State models — 001839 thru 001876
001879 thru 002023
002025 thru 002071
002073 thru 002157
002159 thru 002358
002360 thru 002556
002558 thru 002779

California models — 000255 thru 000584

OWNER NOTIFICATION

American Honda has sent a mailgram to all identifiable VF500F owners, whose motorcycles are affected, requesting them to contact their local Honda motorcycle dealer to make a service appointment to have the engine replaced.

A follow-up customer letter will also be sent. This letter will explain customer reimbursement for the costs of performing an additional 600 mile service and changing the vehicle ownership papers.

For your reference, a copy of the customer mailgram is reproduced on the back page of this bulletin.

The repair must be performed on any affected VF500F that is brought into your dealership. The service must be performed with no charge to the customer for parts or labor.

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MOTORCYCLES, ENGINES AND CRANK- SHAFTS IN YOUR INVENTORY

Affected VF500Fs that are still in stock, whether new or used, must have the engine replaced before release to customers.

New crankshafts and engines in your inventory must be returned to American Honda. For details on returning these items, refer to Section 5 of your Parts System Guide.

ENGINE REPLACEMENT PROCEDURES

For detailed engine replacement procedures, see the '84 VF500F shop manual, pages 5-2 through 5-7. Remove any necessary parts from the original engine for reuse and be sure to make all the final adjustments listed on page 5-7 of the shop manual.

NOTE:

- The new engine will not have carburetors, carburetor insulators, or a drive sprocket. Be sure to remove these parts from the original engine for installation on the new engine.
- Install new exhaust port gaskets before installing the exhaust system.

IDENTIFICATION

Identify all VF500Fs with replacement engines by making an "X" mark after the engine number and above the right swing arm bolt as shown.



(over)
MTB 7707 8407

ROUTING:

COPY 1

COPY 2

☐ GENERAL MANAGER

☐ SERVICE MANAGER

☐ SALES DEPT.

☐ MECHANICS

☐ OFFICE FILE

☐ SHOP MANUAL

PARTS INFORMATION

Replacement engines will be available at a special price and can only be ordered by the enclosed Engine Update Order Form. The special price is applicable only if the warranty claim is received by American Honda within 120 days of your replacement engine order. Engines will be shipped to your dealership "freight pre-paid."

Engine Assembly H/C 1664804
P/N S0010-MF2-840

ORIGINAL ENGINE RETURN

Use the new engine's shipping crate to return the original engine to American Honda. Ship the engine to the following address:

AMERICAN HONDA MOTOR CO., INC.
100 W. Alondra Blvd.
Gardena, CA 90247

ATTN: BLDG. 16, WARRANTY PARTS
INSPECTION

IMPORTANT

- In order to receive warranty reimbursement, a properly completed warranty claim form (see WARRANTY INFORMATION) must be enclosed *in the crate* with the original engine.

WARRANTY INFORMATION

This Product Update will end March 1, 1985.

Use the following information when filling out Warranty Claim Form W.O.2.

ENGINE NO.: Enter the new replacement engine number in this space.

JOB CODE: 1
HRS TENTHS: 3.5
FAILED

HONDA CODE: Ø
DEFECT CODE: 429

TREATMENT CODE: Ø
SUBLET/FREIGHT: Enter the cost of the

freight for returning the original engine and, if applicable, the cost of changing the motor vehicle information. Keep your receipts with the PARTS SCRAPPING copies of the repair order and warranty claim.

600 MILE SERVICE REIMBURSEMENT

After installing a new engine, remind the customer to follow the break-in procedures described in the owner's manual. The 600 mile service must also be performed on the new engine.

Customers who have already paid for a 600 mile service on the original engine in their VF500F, on or before July 2, 1984, will be reimbursed by American Honda for the cost of the parts and labor involved with the engine service. To receive reimbursement, the customer should mail the original receipt showing itemized parts and labor costs (or a separate, notarized, itemized list of those costs if they aren't on the receipt) along with their name, Vehicle Identification Number, name and address of the dealership, and the date of the service to the Customer Relations Department at the regional office of American Honda Motor Co., Inc. in their area.

NOTE: A regional office location map can be found in the back of an owner's manual and also on the back of the follow-up customer letter.

VEHICLE REGISTRATION REIMBURSEMENT

After the new engine has been installed, the customer may need to have their motor vehicle ownership papers changed to reflect the new engine number.

Because of the minimal (if any) charge for the document change, please reimburse your customer for this cost directly. Enter the amount of reimbursement in the "SUBLET/FREIGHT" section of the warranty claim and you will be reimbursed by American Honda.

CUSTOMER MAILGRAM

Dear Honda VF500F Owner,

There is a possibility that some 1984 VF500F Interceptors may develop a fatigue crack in the crankshaft if the engine is operated for extended periods above 10,000 RPM. Crankshaft breakage could eventually occur which would result in abnormal engine noises and partial power loss.

Please take your motorcycle to your nearest Honda motorcycle dealer and they'll check your frame number to see if engine replacement is necessary. If replacement is necessary, it will be completed at no cost to you for parts and labor.

We are scheduled to receive replacement engine assemblies in the near future. Your dealer will fit you into his work schedule, which also must be coordinated with the arrival of the replacement engine assemblies.

If your engine must be replaced, you may ride your motorcycle in the interim but please avoid operating the engine above 10,000 RPM.

This campaign will be in effect until March 1st, 1985.

AMERICAN HONDA MOTOR CO., INC.
SERVICE DEPARTMENT