

MODEL: **FH/FD**
TITLE: **OWNER'S MANUAL REPLACEMENT**

Page 1 of 10

FACTORY DIRECTED MODIFICATION

IMMEDIATE REPAIR

Subject

Some Kawasaki Owner's Manuals were shipped with incorrect CARB regulation descriptions although the emission labels on the engines are correct. Please follow the "Required Dealer Action" section in this bulletin.

Eligible Units

Engines within the following serial number range are eligible for the Owner's Manual Replacement.

Engine Model	Beginning Engine Serial No.	Last Engine Serial No.	Engine Assembly Date
FH381V	A45072	A46287	From JAN. 2008 to FEB. 2008
FH430V	C33867	C41787	
FH480V	A07672	A08811	
FH541V	A82284	A85963	
FH580V	B74892	B78972	
FH601D	A09206	A09253	
FD501D	200270	200649	
FD731V	037808	038023	
FD750D	069477	069524	

Kawasaki Action

Kawasaki has initiated a Factory Directed Modification (FDM) campaign to replace the incorrect Owner's Manuals with the correct ones.

Required Dealer Action

Order the correct Owner's Manuals based on the "Parts Information" section in this bulletin and replace the incorrect Owner's Manual with the correct ones. The eligible engines listed above, including engines sold in the field and dealer inventories, were shipped with the incorrect manual and will need replacement manuals.



Parts Information

The chart below shows the part number of the incorrect Owner's Manuals and the correct Owner's Manuals for each engine model.

Engine Model	Incorrect OM P/N	Correct OM P/N
FH381V/430V	99920-2158-02	99920-2158-03
FH381V/430V KAI	99920-2181-01	99920-2181-02
FH480V KAI	99920-2195-02	99920-2195-03
FH541V/FH580V	99920-2168-02	99920-2168-03
FH541V/FH580V KAI	99920-2175-02	99920-2175-03
FH601D (EPA Only)	99920-2152-07	99920-2152-08
FD501D	99920-2122-08	99920-2122-09
FD731V	99920-2185-01	99920-2185-02
FD750D	99920-2154-07	99920-2154-08

Warranty Information

This is a Factory Directed Modification (FDM). The labor and parts costs will be reimbursed upon proper filing of a warranty claim. Please order the replacement manuals based on the "Parts Information" section in this bulletin. Use the following chart below to process a claim.

Model	Actual Model Name
Causal Part No.	Actual Owners Manual Part No.
Causal Part Name	Owner's Manual
Claim Type	3
Flat Rate Time	0.3 Hours
Labor Code	23706

Detail

1. Refer to pages 3-6 in this bulletin for the revision of the following Owner's Manuals

	OM Part Number	Reference
Category A	99920-2168	Pages 3-6
	99920-2181	
	99920-2195	
	99920-2175	
	99920-2152	
	99920-2122	
	99920-2185	
	99920-2154	

2. Refer to Pages 7-10 in this bulletin for revision of the following Owner's Manual.

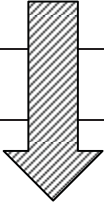
	OM Part Number	Reference
Category B	99920-2158	Pages 7-10

CATEGORY A

1. Revisions from 99920-2168-02 to 99920-2168-03 and the other manuals in Category A.

(1/4)

INCORRECT	99920-2168-02 and the other manuals in Category A		
EMISSION CONTROL INFORMATION			
<p>Fuel Information THIS ENGINE IS CERTIFIED TO OPERATE ON UNLEADED REGULAR GRADE GASOLINE ONLY. A minimum of 87 octane of the antiknock index is recommended. The antiknock index is posted on service station pumps in the U.S.A.</p>			
<p>Emission Control Information To protect the environment in which we all live, Kawasaki has incorporated an exhaust emission control system in compliance with applicable regulations of the United States Environmental Protection Agency and the <u>California Air Resources Board. Also, depending on when your engine was produced, it may have an assigned emissions durability period. * See below for the engine emissions durability period that may apply to your engine.</u></p>			
Delete	Delete		
<p>Exhaust Emission Control System The exhaust emission control system applied to this engine consists of a carburetor and an ignition system having optimum ignition timing characteristics. The carburetor has been calibrated to provide lean air/fuel mixture characteristics and optimum fuel economy with a suitable air cleaner and exhaust system. A sealed-type crankcase emission control system is also used to eliminate blow-by gasses. The blow-by gasses are led to a breather chamber through the crankcase and from there to the air cleaner.</p>			
Delete			
<p>Engine Emissions Compliance Period</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="text-align: center; width: 50%;">California Model Year – 2006 and later Durability Period – 500 hours</td><td style="text-align: center; width: 50%;">All Other States Model Year – 2001 and later Durability Period – 1 000 hours (Category A)</td></tr></table>		California Model Year – 2006 and later Durability Period – 500 hours	All Other States Model Year – 2001 and later Durability Period – 1 000 hours (Category A)
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<p>* If your engine has an assigned emissions durability period it will be located on the certification label attached to the engine (IMPORTANT ENGINE INFORMATION).</p>			
CORRECT	99920-2168-03 and the other manuals in Category A		
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<p>Engine Emissions Compliance Period</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="text-align: center;">Engines Greater Than or Equal To 225 cc Model Year – 2007 and later Durability Period – 1 000 hours (Category A)</td><td style="text-align: center;">Modified</td></tr></table>		Engines Greater Than or Equal To 225 cc Model Year – 2007 and later Durability Period – 1 000 hours (Category A)	Modified
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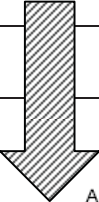
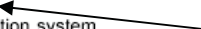
<p>INCORRECT</p>	<p>99920-2168-02 and the other manuals in Category A</p>
<p>High Altitude Performance Adjustment Information To improve the EMISSIONS CONTROL PERFORMANCE of engines operated above 1 000 meters (3 300 feet) , Kawasaki recommends the following Environmental Protection Agency (EPA) and <u>California Air Resources Board (CARB) approved modifications.</u></p> <p style="text-align: center;">NOTE</p> <p>○ <i>When properly performed, these specified modifications only are not considered to be emissions system "tampering" and engine performance is generally unchanged as a result.</i></p> <p>Installation Instructions: High altitude adjustment requires replacement of carburetor main jets. Installation of these optional parts may be performed by an authorized Kawasaki dealer, or the consumer, following repair recommendations specified in the appropriate Kawasaki Service Bulletin.</p> <p>Maintenance and Warranty Proper maintenance is necessary to ensure that your engine will continue to have low emission levels. This Owners Manual contains those maintenance recommendations for your engine. Those items identified by the Periodic Maintenance Chart are necessary to ensure compliance with the applicable standards. As the owner of the engine, you have the responsibility to make sure that the recommended maintenance is carried out according to the instructions in this Owners Manual at your own expense. The Kawasaki Limited Emission Control System Warranty requires that you return your engine to an authorized Kawasaki dealer for remedy under warranty. Please read the warranty carefully, and keep it valid by complying with the owner's obligations it contains.</p> <p>Tampering with Emission Control System Prohibited Federal law and California State law prohibit the following acts or the causing thereof: (1) the removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new engine for the purposes of emission control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the engine after such device or element of design has been removed or rendered inoperative by any person.</p>	
<p> CORRECT</p>	<p>99920-2168-03 and the other manuals in Category A</p>
<p>High Altitude Performance Adjustment Information To improve the EMISSIONS CONTROL PERFORMANCE of engines operated above 1 000 meters (3 300 feet) , Kawasaki recommends the following Environmental Protection Agency (EPA). <u>However, the models with DFI (Digital Fuel Injection system) does not require high altitude performance adjustment.</u></p> <p style="text-align: center;">NOTE</p> <p>○ <i>When properly performed, these specified modifications only are not considered to be emissions system "tampering" and engine performance is generally unchanged as a result.</i></p> <p>Installation Instructions: High altitude adjustment requires replacement of carburetor main jets. Installation of these optional parts may be performed by an authorized Kawasaki dealer, or the consumer, following repair recommendations specified in the appropriate Kawasaki Service Bulletin.</p> <p>Maintenance and Warranty Proper maintenance is necessary to ensure that your engine will continue to have low emission levels. This Owners Manual contains those maintenance recommendations for your engine. Those items identified by the Periodic Maintenance Chart are necessary to ensure compliance with the applicable standards. As the owner of the engine, you have the responsibility to make sure that the recommended maintenance is carried out according to the instructions in this Owners Manual at your own expense. The Kawasaki Limited Emission Control System Warranty requires that you return your engine to an authorized Kawasaki dealer for remedy under warranty. Please read the warranty carefully, and keep it valid by complying with the owner's obligations it contains.</p> <p>Tampering with Emission Control System Prohibited Federal law prohibits the following acts or the causing thereof: (1) the removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new engine for the purposes of emission control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the engine after such device or element of design has been removed or rendered inoperative by any person.</p>	

Delete

Added

CATEGORY A (cont.)

(3/4)

INCORRECT	99920-2168-02 and the other manuals in Category A
<p>Among those acts presumed to constitute tampering are the acts listed below: Do not tamper with the original emission related parts:</p> <ul style="list-style-type: none">• Carburetor <u>and</u> internal parts• Spark Plugs• Magneto or electronic ignition system• Fuel filter element• Air cleaner element• Crankcase• Cylinder heads• Breather chamber and internal parts• Intake pipe and tube	
 CORRECT	99920-2168-03 and the other manuals in Category A
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INCORRECT 99920-2168-02 and the other manuals
in Category A

MAINTENANCE 29

MAINTENANCE

Periodic Maintenance Chart

⚠ WARNING

Always remove the spark plug caps from spark plugs when servicing the engine to prevent accidental starting.

NOTE

○ The service intervals can be used as a guide. Service more frequently as necessary by operating conditions.

- ◆ : Service more frequently under dusty conditions.
- K : Service to be performed by an authorized Kawasaki dealer.

MAINTENANCE	INTERVAL									
	Daily	First 8 hr.	Every 25 hr.	Every 50 hr.	Every 100 hr.	Every 200 hr.	Every 250 hr.	Every 300 hr.	Every 500 hr.	
Check and add engine oil.	•									
Check for loose or lost nuts and screws.	•									
Check for fuel and oil leakage.	•									
Check battery electrolyte level.	•									
◆ Check or clean air inlet screen.	•									
◆ Clean air cleaner foam element			•							



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CORRECT 99920-2168-03 and the other manuals
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MAINTENANCE 29

MAINTENANCE

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Check for fuel and oil leakage.	•									
Check battery electrolyte level.	•									
◆ Check or clean air inlet screen.	•									

CATEGORY B


1. Revisions from 99920-2158-02 to 99920-2158-03 in Category B.


(1/4)

INCORRECT	99920-2158-02						
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CATEGORY B (cont.)

(2/4)

<p>INCORRECT</p>	<p>99920-2158-02</p>
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Delete</div>	
<p style="text-align: center;">California Engines Greater Than 225 cc Model Year – 2002 and later Durability Period – 500 hours</p>	<p style="text-align: center;">All Other States Engines Greater Than 225 cc Model Year – 2001 and later Durability Period – 1,000 hours (Category A)</p>
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<p>Delete "California state law".</p>	<p>INCORRECT 99920-2158-02</p>
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INCORRECT 99920-2158-02

MAINTENANCE 29

MAINTENANCE

Periodic Maintenance Chart

⚠ WARNING

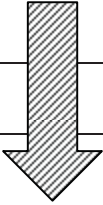
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MAINTENANCE 29

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