Includes:
- Important Safety Information
- Operating Instructions
- Maintenance and Storage

Ninja 300
Ninja 300 ABS
Motorcycle

OWNER’S MANUAL
Quick Reference Guide

This Quick Reference Guide will assist you in finding the information you’re looking for.

SAFETY INFORMATION
GENERAL INFORMATION
HOW TO RIDE THE MOTORCYCLE
MAINTENANCE AND ADJUSTMENT
APPENDIX
MAINTENANCE RECORD

A Table of Contents is included after the Foreword.
Whenever you see the symbols shown below, heed their instructions! Always follow safe operating and maintenance practices.

**DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

**WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

**NOTICE**

NOTICE is used to address practices not related to personal injury.

**NOTE**

NOTE indicates information that may help or guide you in the operation or service of the vehicle.
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<td>Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.</td>
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<tr>
<td>THIS VEHICLE HAS BEEN MANUFACTURED FOR USE IN A REASONABLE AND PRUDENT MANNER BY A QUALIFIED OPERATOR AND AS A VEHICLE ONLY.</td>
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Foreword

Congratulations on your purchase of a new Kawasaki motorcycle. Your new motorcycle is the product of Kawasaki's advanced engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

Please read this Owner's Manual carefully before riding so that you will be thoroughly familiar with the proper operation of your motorcycle's controls, its features, capabilities, and limitations. This manual offers many safe riding tips, but its purpose is not to provide instruction in all the techniques and skills required to ride a motorcycle safely. Kawasaki strongly recommends that all operators of this vehicle enroll in a motorcycle rider training program to attain awareness of the mental and physical requirements necessary for safe motorcycle operation.

To ensure a long, trouble-free life for your motorcycle, give it the proper care and maintenance described in this manual. For those who would like more detailed information on their Kawasaki Motorcycle, a Service Manual is available for purchase from any authorized Kawasaki motorcycle dealer. The Service Manual contains detailed disassembly and maintenance information. Those who plan to do their own work should, of course, be competent mechanics and possess the special tools described in the Service Manual.

Keep this Owner's Manual aboard your motorcycle at all times so that you can refer to it whenever you need information.
This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle when it is sold.

All rights reserved. No part of this publication may be reproduced without our prior written permission.

This publication includes the latest information available at the time of printing. However, there may be minor differences between the actual product and illustrations and text in this manual.

All products are subject to change without prior notice or obligation.

KAWASAKI HEAVY INDUSTRIES, LTD.
Motorcycle & Engine Company

© 2013 Kawasaki Heavy Industries, Ltd.  Apr. 22, 2013. (1)
To protect the environment in which we all live, Kawasaki has incorporated crankcase emission (1) and exhaust emission (2) control systems in compliance with applicable regulations of the United States Environmental Protection Agency and California Air Resources Board. Additionally, Kawasaki has incorporated an evaporative emission control system (3) in compliance with applicable regulations of the United States Environmental Protection Agency and California Air Resources Board.

1. **Crankcase Emission Control System**
   This system eliminates the release of crankcase vapors into the atmosphere. Instead, the vapors are routed through an oil separator to the intake side of the engine. While the engine is operating, the vapors are drawn into the combustion chamber, where they are burned along with the fuel and air supplied by the fuel injection system.

2. **Exhaust Emission Control System**
   This system reduces the amount of pollutants discharged into the atmosphere by the exhaust of this motorcycle. The fuel, ignition and exhaust systems of this motorcycle have been carefully designed and constructed to ensure an efficient engine with low exhaust pollutant levels. The exhaust system of this model motorcycle includes a catalytic converter system.
3. Evaporative Emission Control System
   The evaporative emission control system for this vehicle consists of low permeation fuel hoses and fuel tank.

3. Evaporative Emission Control System (California)
   Vapors caused by fuel evaporation in the fuel system are not vented into the atmosphere. Instead, fuel vapors are routed into the running engine to be burned, or stored in a canister when the engine is stopped.

High Altitude Performance Adjustment Information
   High Altitude adjustment is not required.
Proper maintenance is necessary to ensure that your motorcycle will continue to have low emission levels. This Owner's Manual contains those maintenance recommendations for your motorcycle. Those items identified by the Periodic Maintenance Chart are necessary to ensure compliance with the applicable standards.

As the owner of this motorcycle, you have the responsibility to make sure that the recommended maintenance is carried out according to the instructions in this Owner's Manual at your own expense.

The Kawasaki Limited Emission Control System Warranty requires that you return your motorcycle 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.

You should keep a maintenance record for your motorcycle. To assist you in keeping this record, we have provided space on pages 150 through 155 of this manual where an authorized Kawasaki dealer, or someone equally competent, can record the maintenance. You should also retain copies of maintenance work orders, bills, etc., as verification of this maintenance.
Tampering With Noise 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 vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presumed to constitute tampering are the acts listed below:
- Replacement of the original exhaust system or muffler with a component not in compliance with Federal regulations.
- Removal of the muffler(s) or any internal portion of the muffler(s).
- Removal of the air box or air box cover.
- Modifications to the muffler(s) or air intake system by cutting, drilling, or other means if such modifications result in increased noise levels.
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Read Owner’s Manual

Read this Owner’s Manual carefully before riding so that you will be thoroughly familiar with the proper operation of your motorcycle’s controls, its features, capabilities, and limitations. This manual offers many safe riding tips, but its purpose is not to provide instruction in all of the techniques and skills required to ride a motorcycle safely.

Training

Kawasaki strongly recommends that all operators of this vehicle complete a suitable motorcycle rider training program to learn the proper skills and techniques necessary for safe motorcycle operation.

Daily Checks and Periodic Maintenance

It is important to keep your motorcycle properly maintained and in safe riding condition. Inspect your motorcycle before every ride and carry out all periodic maintenance. See the Daily Checks section and Periodic Maintenance section in the MAINTENANCE AND ADJUSTMENT chapter for more information.

WARNING

Failure to perform these checks or to correct a problem before operation may result in serious damage or an accident. Always perform daily checks before operation.
To ensure your motorcycle is serviced using the latest servicing information, it is recommended that an authorized Kawasaki Dealer performs the periodic maintenance as directed in the Owner’s Manual.
If you notice any irregular operating condition, have your motorcycle thoroughly checked at an authorized Kawasaki dealer as soon as possible.

---

**WARNING**

Incorrect loading, improper installation or use of accessories or modification of your motorcycle may result in an unsafe riding condition. Before you ride the motorcycle, make sure it is not overloaded and that you have followed these instructions.

<table>
<thead>
<tr>
<th><strong>Maximum Load</strong></th>
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<tr>
<td>Weight of rider, passenger, baggage, and accessories must not exceed 180 kg (397 lb).</td>
</tr>
</tbody>
</table>

With the exception of genuine Kawasaki Parts and Accessories, Kawasaki has no control over the design or application of accessories. In some cases, improper installation
or use of accessories, or motorcycle modification, will void the motorcycle warranty; can negatively affect performance, stability and safety; and can even be illegal.

In selecting and using accessories, and in loading the motorcycle, you are personally responsible for your own safety and the safety of other persons involved.

**NOTE**

○ *Kawasaki Parts and Accessories have been specially designed for use on Kawasaki motorcycles. We strongly recommend that all parts and accessories you add to your motorcycle be genuine Kawasaki components.*

Because a motorcycle is sensitive to changes in weight and aerodynamic forces, you must take extreme care in carrying cargo, passengers and/or in fitting additional accessories. The following general guidelines have been prepared to assist you in making your determinations.

**Passenger**

1. Never carry more than one passenger.
2. The passenger should only sit on the pillion.
3. Any passenger should be thoroughly familiar with motorcycle operation. The passenger can affect control of the motorcycle by improper positioning during cornering and sudden movements. It is important that the passenger sits still while the motorcycle is in motion and not interfere with the operation of the motorcycle. Do not carry animals on your motorcycle.
4. Do not carry passengers unless passenger footpegs are installed. Instruct any passenger before riding to keep his or her feet on the passenger footpegs and hold on to the operator or seat strap. Do not carry a passenger unless he or she is tall enough to reach the footpegs with their feet.

Baggage and Luggage

1. All baggage should be carried as low as possible to reduce the effect on the motorcycle's center of gravity. Baggage weight should also be distributed equally on both sides of the motorcycle. Avoid carrying baggage that extends beyond the rear of the motorcycle.
2. Baggage should be securely attached. Make sure that the baggage will not move around while you are riding. Recheck baggage security as often as possible (not while the motorcycle is in motion) and adjust as necessary.
3. Do not carry heavy or bulky items on a luggage rack. It is designed for light items, and overloading can affect handling due to changes in weight distribution and aerodynamic forces.

Accessories

1. Do not install accessories or carry baggage that impairs the performance of the motorcycle. Make sure that you have not adversely affected any lighting components, road clearance, banking capability (i.e., lean angle), control operation, wheel travel, front fork movement,
or any other aspects of the motorcycle's operation.
2. Weight attached to the handlebar or front fork will increase the mass of the steering assembly and can result in an unsafe riding condition.
3. Fairings, windshields, backrests, and other large items have the capability of adversely affecting stability and handling of the motorcycle, not only due to their weight, but also due to the aerodynamic force acting on these surfaces while the motorcycle is in operation. Poorly designed or installed items can result in an unsafe riding condition.

Other Load

1. This motorcycle is not intended to be equipped with a sidecar or to be used to tow any trailers or other vehicles. Kawasaki does not manufacture sidecars or trailers for motorcycles and cannot predict the effects of such accessories on handling or stability, but can only warn that the effects can be adverse and that Kawasaki cannot assume responsibility for the results of such unintended use of the motorcycle.
2. Furthermore, any adverse effects on motorcycle components caused by the use of such accessories will not be remedied under warranty.

If You are Involved in an Accident

Make sure of your own safety first. Determine the severity of any injuries and call for emergency assistance if needed. Always follow applicable laws
and regulations if any other person, vehicle or property is involved.

Do not attempt to continue riding without first evaluating your motorcycle’s condition. Inspect for fluid leaks, check critical nuts and bolts, and check the handlebars, control levers, brakes, and wheels for damage and proper function. Ride slowly and cautiously - your motorcycle may have suffered damage that is not immediately apparent. Have your motorcycle thoroughly checked at a Kawasaki dealer as soon as possible.

Safe Operation

The following should be carefully observed for safe and effective vehicle operation.

Carbon Monoxide Hazard

⚠️ DANGER

Exhaust gas contains carbon monoxide, a colorless, odorless poisonous gas. Inhaling carbon monoxide can cause serious brain injury or death. Do not run the engine in enclosed areas. Operate only in a well-ventilated area.
18 SAFETY INFORMATION

Fueling

**WARNING**
Gasoline is extremely flammable and can be explosive under certain conditions. To prevent fire or explosion, turn the ignition key off. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light.

Never Ride with Drugs or Alcohol

Alcohol and drugs impair your judgment and reaction time. Never consume alcohol or drugs before or while riding motorcycles.

Protective Gear and Clothing

**Helmet**
Kawasaki strongly recommends both the operator and passenger wear a DOT-approved helmet even if this is not a legal requirement.
- Make sure that your helmet fits correctly and is properly fastened.
- Choose a motorcycle helmet that meets DOT safety standards. Ask your motorcycle dealer to advise you if necessary.

**Eye Protection**
Always use eye protection. If your helmet does not have a visor installed, wear goggles.
Gloves
  Wear gloves which have suitable protection for your hands, especially against abrasion.

Clothing
  Wear protective clothing.
  - Wear bright, highly visible clothing that allows freedom of movement to suit your riding style.
  - Always wear a long-sleeved jacket and long trousers which are abrasion resistant and keep you warm.
  - Avoid wearing clothes which have loose cuffs or other fastenings which could interfere with the controls of your motorcycle.

Boots
  Wear proper protective boots that fit properly and do not interfere with gear shifting or braking.

Safe Riding Techniques

Keep Hands on Handlebars
  When riding always keep both hands on the handlebars and both feet on the foot pegs. Removing your hands from the handlebars or feet from the foot pegs while riding can be hazardous. If you remove even one hand or foot, you reduce your ability to control the motorcycle.

Look Over Your Shoulder
  Before changing lanes, look over your shoulder to make sure the way is clear. Do not rely solely on the rear view mirror; you may misjudge a vehicle’s distance and speed, or you may not see it at all.
20 SAFETY INFORMATION

Accelerate and Brake Smoothly
In general your actions should be smooth as sudden acceleration, braking or turning may cause loss of control, especially when riding in wet conditions or on loose road surfaces, when the ability to maneuver will be reduced.

Select Correct Gear Speeds
When going up steep slopes, shift to a lower gear so that there is power to spare rather than overloading the engine.

Use Both Front and Rear Brakes
When applying the brakes, use both the front and rear brakes. Applying only one brake for sudden braking may cause the motorcycle to skid and lose control.

Use Engine Brake
When going down long slopes, help control vehicle speed by closing the throttle so that the engine can act as an auxiliary brake. Use the front and rear brakes for primary braking.

Riding in Wet Conditions
Rely more on the throttle to control vehicle speed and less on the front and rear brakes. The throttle should also be used judiciously to avoid skidding the rear wheel from too rapid acceleration or deceleration.

Braking performance is also reduced in wet conditions. Carefully ride at a slow speed and apply the brakes several times to help dry and restores them to normal operating performance.

Lubricate the drive chain after wet weather riding to prevent rust and corrosion.

Ride Prudently
Riding at the proper speed and avoiding unnecessarily fast acceleration are important not only for safety and low
fuel consumption but also for long vehicle life and quieter operation.

**Riding on Rough Roads**
Exercise caution, slow down, and grip the fuel tank with the knees for better stability.

**Acceleration**
When quick acceleration is necessary to pass another vehicle, shift to a lower gear to obtain the necessary power.

**Downshifting**
To avoid engine damage and rear-wheel lock-up do not downshift at high rpm.

**Avoid Unnecessary Weaving**
Unnecessary weaving jeopardizes the safety of both the rider and other motorists.

---

**Additional Considerations for High Speed Operation**

**WARNING**
Handling characteristics of a motorcycle at high speeds may vary from those you are familiar with at legal highway speeds. Do not attempt high speed operation unless you have received sufficient training and have the required skills. Do not operate at high speeds on public roads.
Brakes
The importance of the brakes, especially during high speed operation, cannot be overemphasized. Check to see that they are correctly adjusted and functioning properly.

Steering
Looseness in the steering can cause loss of control. Check to see that the handlebar turns freely but has no play.

Tires
High speed operation is hard on tires, and good tires are crucial for safe riding. Examine their overall condition, inflate them to the proper pressure, and check the wheel balance.

Fuel
Have sufficient fuel for the high fuel consumption during high speed operation.

Engine Oil
To avoid engine seizure and resulting loss of control, make sure that the oil level is at the upper level line.

Coolant
To avoid overheating, check that the coolant level is at the upper level line.

Electrical Equipment
Make sure that the headlight, tail/brake light, turn signals, horn, etc., all work properly.

Miscellaneous
Make sure that all nuts and bolts are tight and that all safety related parts are in good condition.
### Specifications

**PERFORMANCE**
- Minimum Turning Radius: 2.4 m (94 in.)

**DIMENSIONS**
- Overall Length: 2,015 mm (79.33 in.)
- Overall Width: 715 mm (28.1 in.)
- Overall Height: 1,110 mm (43.70 in.)
- Wheelbase: 1,405 mm (55.31 in.)
- Road Clearance: 140 mm (5.51 in.)
- Curb Mass (EX300A): 172 kg (379 lb)
- Curb Mass (EX300B): 174 kg (384 lb)

**ENGINE**
- Type: DOHC, 2-cylinder, 4-stroke, liquid-cooled
- Displacement: 296 cm³ (18.1 cu in.)
- Bore × Stroke: 62.0 × 49.0 mm (2.44 × 1.93 in.)
Compression Ratio: 10.6 : 1
Starting System: Electric starter
Cylinder Numbering Method: Left to right, 1-2
Firing Order: 1-2
Fuel System: FI (Fuel Injection)
Ignition System: Battery and coil (transistorized ignition)
Ignition Timing:
- 10° BTDC at 1 300 r/min (rpm)
- 31° BTDC at 7 000 r/min (rpm)
Spark Plug: Type NGK CR8E
Gap: 0.7 – 0.8 mm (0.028 – 0.031 in.)
Lubrication System: Forced lubrication (wet sump)
Engine Oil: Type API SG, SH, SJ, SL, or SM with JASO MA, MA1 or MA2
Viscosity: SAE 10W-40
Capacity: 2.4 L (2.5 US qt)
Coolant Capacity: 1.5 L (1.6 US qt)

TRANSMISSION
Transmission Type: 6-speed, constant mesh, return shift
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<th>Wet, multi disc</th>
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<td><strong>Driving System</strong></td>
<td>Chain drive</td>
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<td><strong>Primary Reduction Ratio</strong></td>
<td>3.087 (71/23)</td>
</tr>
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<td><strong>Final Reduction Ratio</strong></td>
<td>3.000 (42/14)</td>
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<td><strong>Overall Drive Ratio</strong></td>
<td>7.938 (Top gear)</td>
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<td><strong>1st Gear Ratio</strong></td>
<td>2.714 (38/14)</td>
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<td><strong>2nd Gear Ratio</strong></td>
<td>1.789 (34/19)</td>
</tr>
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<td><strong>3rd Gear Ratio</strong></td>
<td>1.409 (31/22)</td>
</tr>
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<td><strong>4th Gear Ratio</strong></td>
<td>1.160 (29/25)</td>
</tr>
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<td><strong>5th Gear Ratio</strong></td>
<td>1.000 (27/27)</td>
</tr>
<tr>
<td><strong>6th Gear Ratio</strong></td>
<td>0.857 (24/28)</td>
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**FRAME**

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<td><strong>Trail</strong></td>
<td>93 mm (3.7 in.)</td>
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<td><strong>Tire Size:</strong></td>
<td><strong>Front</strong> 110/70-17M/C 54S</td>
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<tr>
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<td><strong>Rear</strong> 140/70-17M/C 66S</td>
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26 GENERAL INFORMATION

Rim Size: Front J17M/C × MT2.75
         Rear J17M/C × MT4.00
Fuel Tank Capacity 17 L (4.5 US gal)
Brake Fluid: Front DOT3 or 4
         Rear DOT4

ELECTRICAL EQUIPMENT

Battery 12 V 8 Ah
Headlight: High Beam 12 V 55 W
           Low Beam 12 V 55 W
Tail/Brake Light 12 V 5/21 W

Specifications are subject to change without notice.
Serial Number Locations

The engine and frame serial numbers are used to register the motorcycle. They are the only means of identifying your particular machine from others of the same model type. These serial numbers may be needed by your dealer when ordering parts. In the event of theft, the investigating authorities will require both numbers as well as the model type and any peculiar features of your machine that can help them identify it.

A. Engine Number

A. Frame Number
28 GENERAL INFORMATION

Location of Labels

All warning labels which are on your vehicle are repeated here. Read labels on your vehicle and understand them thoroughly. They contain information which is important for your safety and the safety of anyone else who may operate your vehicle. Therefore, it is very important that all warning labels be on your vehicle in the locations shown. If any label is missing, damaged, or worn, get a replacement from your Kawasaki dealer and install it in the correct position.

NOTE
○ The sample warning labels in this section have part numbers to help you and your dealer obtain the correct replacement.
○ Refer to the actual vehicle label for model specific data grayed out in the illustration.

1. Brake Fluid (Front)
2. Brake Fluid (Rear)
3. Battery Poison/Danger
4. Rear Shock Absorber Warning
5. Radiator Cap Danger
6. Important Drive Chain Information
7. Tire and Load Data
8. Weight and Manufacture
9. Vehicle Emission Control Information
10. Noise Emission Control Information
11. Fuel Level
12. Vacuum Hose Routing Diagram
32 GENERAL INFORMATION

1) USE ONLY DOT3 OR 4 BRAKE FLUID FROM A SEALED CONTAINER. CLEAN FILLER CAP BEFORE REMOVING.
   WARNING UTILISER DU LIQUIDE DE FREIN DOT3 OU 4.

2) DOT 4

3) DANGER/POISON
   KEEP OUT OF THE REACH OF CHILDREN.
4) **WARNING**

This unit contains high pressure nitrogen gas. Mishandling can cause explosion.

- Do not incinerate, puncture or open.

---

5) **AVERTISSEMENT**

Cette unite contient de l’azote à haute pression. Une mauvaise manipulation peut engendrer un explosion.

- Ne pas incinérer ni percer ni ouvrir.

---

6) **警告**

此装置含高压氮气。误操作可能引起爆炸。

- 不要焚烧、刺破或打开。
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7) except California model

9) only on California model
10) **NOTICE**

*Never fill tank so fuel level rises into filler neck. If tank is overfilled, heat can cause fuel to expand and flow into Evaporative Emission Control System resulting in hard starting and engine hesitation.*

11) only on California model

12) only on California model
Location of Parts

1. Rear View Mirrors
2. Clutch Lever
3. Starter Lockout Switch
4. Meter Instruments
5. Brake Fluid Reservoir (Front)
6. Front Brake Lever
7. Throttle Grip
8. Left Handlebar Switches
9. Ignition Switch/Steering Lock
10. Right Handlebar Switches
1. Headlight
2. Turn Signal Light
3. Spark Plugs
4. Fuel Tank
5. Idle Adjusting Screw
6. Battery and Fuse Box
7. Tool Kit
8. Tying Hooks
9. License Plate Light
10. Front Fork
11. Radiator
12. Side Stand Switch
13. Shift Pedal
14. Side Stand
15. Swingarm
16. Drive Chain
17. Chain Adjuster
18. Seat Lock
1. Muffler
2. Tail/Brake Light
3. Passenger's Seat
4. Brake Fluid Reservoir (Rear)
5. Rider's Seat
6. Air Cleaner
7. Rear Shock Absorber
8. Fuel Tank Cap
9. Coolant Reserve Tank
10. Brake Discs
11. Brake Calipers
12. Rear Brake Light Switch
13. Rear Brake Pedal
14. Oil Level Inspection Window
Meter Instruments

A. Green Neutral Indicator Light
B. Red Battery Voltage Warning Indicator Light
C. Red Oil Pressure Warning Indicator Light
D. Red Coolant Temperature Warning Indicator Light
E. Yellow Engine Warning Indicator Light
F. Yellow ABS Indicator Light (Only on ABS model)
G. Blue High Beam Indicator Light
H. Green Right Turn Signal Indicator Light
I. Green Left Turn Signal Indicator Light
J. Left Button
K. Right Button
L. Tachometer
M. Red Zone
N. Multifunction Meter
NOTE

○ For safety, do not operate the instrument buttons while riding the motorcycle.

**Tachometer**

The tachometer shows the engine speed in revolutions per minute (r/min, rpm). On the right side of the tachometer face is a portion called the “red zone.” Engine r/min (rpm) in the red zone is above maximum recommended engine speed and is also above the range for good performance.

**NOTICE**

Engine r/min (rpm) should not be allowed to enter the red zone; operation in the red zone will overstress the engine and may cause serious engine damage.
Multifunction Meter

A. Economical Riding Indicator
B. Speedometer
C. Clock
D. Multifunction Display
   - Odometer
   - Trip meter A
   - Trip meter B
E. Fuel Gauge

When the ignition switch is turned on, all LCD segments are displayed with opening display functions for few seconds, then the multifunction meter turns to operational mode.
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**Speedometer**

The speedometer shows the speed of the vehicle in digital values.

**Unit Setting**

The unit setting in the meter instrument can be changed according to local regulations. Make sure the unit setting is correctly displayed before riding.

![Speedometer display](image)

**NOTE**

○ *Do not operate the motorcycle with wrong unit (mph or km/h) of the speedometer.*

To change the meter display unit in the meter instrument as follows:

- Push the left button to display the odometer.
- Push the right button while pushing the left button to select the display unit.

km/h ⇔ mph

**Multifunction Display**

The following display modes can be shifted by pushing the left button.

- Odometer → Trip meter A → Trip meter B → Odometer...
NOTE
○ For safety, do not operate the instrument buttons while riding the motorcycle.
○ The multifunction display is displayed in the unit depending on the unit mode setting, refer to the Unit Setting item in this section.

Odometer
The odometer shows the total distance in kilometers or miles that the vehicle has been ridden. This meter cannot be reset.

Trip Meter
The trip meters show the distance in kilometers or miles traveled since they were last reset to zero.
TRIP A: 0.0 ~ 9999.9
TRIP B: 0.0 ~ 9999.9

A. Odometer

A. Trip Meter
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- Push the right button and hold it in.
- After two seconds, the figure display turns to 0.0, and then starts counting when the vehicle is operated. The meter counts until it is reset.

**NOTE**

- The data is maintained by the backup power if the ignition switch is turned off.
- When the trip meter reaches 9999.9 while running, the meters reset to 0.0 and continues counting.
- When the battery is disconnected, the meter display resets to 0.0.

**Clock**

To adjust hours and minutes, do the followings while the motorcycle is at a stop.
- Turn the ignition switch on.
- Push the left button to display the odometer.
- Push the right button for more than two seconds. Both the hour and minute displays start blinking.

- Push the right button. The hour display only blinks. Push the left button to advance the hours.
- Push the right button. The hour display stops blinking and the minute display starts blinking. Push the left button to advance the minutes.
• Push the right button. Both the hour and minute displays start blinking again.
• Push the left button. The displays stop blinking and the clock starts working.

NOTE
○ Pushing the left button momentarily advances the hour or minute step by step. Pushing and holding the button advances the hour or minute continuously.
○ The clock works normally by the backup power while the ignition switch is turned off.

○ When the battery is disconnected, the clock is reset to 1:00 and starts working again when the battery is connected.

Economical Riding Indicator
When the operator is driving the motorcycle for optimum fuel-efficiency, the economical riding indicator appears on the multifunction meter to indicate favorable fuel consumption. Monitoring the economical riding indicator can help the rider maximize fuel efficiency.
WARNING

Failing to properly observe the road ahead increases the chance of an accident resulting in severe injury or death. Do not concentrate on the economical riding indicator by taking your eyes off the road; observe using peripheral vision.

Fuel Gauge

The fuel in the fuel tank is shown by the number of segments displayed. When the fuel tank is full, all the segments are displayed. If the fuel gauge is not correctly displayed, have the fuel gauge checked by an authorized Kawasaki dealer.

As the fuel level in the tank goes down, the segments disappear one by one from F (full) to E (empty). The bottom segment and fuel symbol blink in the digital meter when approximately 3.5 L (0.9 US gal) of usable fuel remains. Refuel at the earliest opportunity if the most bottom segment of the fuel gauge and fuel symbol blink.

When vehicle stands with the side stand, the fuel gauge cannot show the amount of fuel in the fuel tank exactly. Stand upright the vehicle to check the fuel level.
GENERAL INFORMATION

A. Fuel Symbol ( 添加燃料 )
B. Segment (E)

All of the segments and fuel symbol will blink in case of the open or short of the wiring. Have the wiring inspected by an authorized Kawasaki dealer immediately.

NOTE

○ When pushing the left button while low fuel warning is displayed, the multifunction display modes can be shifted.

Indicator Lights

Green Neutral Indicator Light

N: When the transmission is in neutral, the neutral indicator light goes on.

Yellow ABS Indicator Light (Only on ABS model)

ABS: The ABS (Anti-lock Brake System) indicator light goes on when the ignition switch is turned on and goes off shortly after the motorcycle starts moving. If the ABS is normal, it stays off. If something is wrong with the ABS, this light goes on and stays on. When this light is on, the ABS does not function but if the ABS fails, the conventional brake system will still work normally.
For more detailed information about ABS, see the Anti-lock Brake System (ABS) section in the HOW TO RIDE THE MOTORCYCLE chapter.

**Blue High Beam Indicator Light**

ți : When the headlight is on high beam, the high beam indicator light goes on.

**Green Turn Signal Indicator Light**

sizei : When the turn signal switch is pushed to the left or right, the corresponding turn signal indicator light blinks.

---

**Warning Indicator Light**

**Red Battery Voltage Warning Indicator Light**

🏞️ : The battery voltage warning indicator light goes on whenever the battery voltage is less than 11 V or higher than 16 V.

If this light goes on, have the battery checked by an authorized Kawasaki dealer.

**Red Oil Pressure Warning Indicator Light**

אוונ : The oil pressure warning indicator light should go on whenever the ignition switch is turned on and go off after starting the engine.

This light goes on whenever the oil pressure is dangerously low while the
engine running. Refer to the MAINTENANCE AND ADJUSTMENT chapter for more detailed engine oil information. If this light goes on, have the engine lubrication system checked by an authorized Kawasaki dealer.

**Red Coolant Temperature Warning Indicator Light**

The coolant temperature warning indicator light goes on whenever the coolant temperature rises to 118°C (245°F) when the motorcycle is in operation. If this light goes on, stop the engine and check the coolant level in the reserve tank after the engine cools down, then have the cooling system checked by an authorized Kawasaki dealer.

**NOTICE**

Do not let the engine continue running when the warning indicator light goes on. Prolonged engine operation will result in severe damage from overheating.

**Yellow Engine Warning Indicator Light**

The engine warning indicator light goes on when the ignition switch is turned on and goes off soon after ensuring that its circuit functions properly. This light also goes on or blinking whenever the troubles occur in digital fuel injection (DFI) system.

The blinking of this light indicates the condition that the engine cannot be started.
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Refer to the Stopping the Engine section in the HOW TO RIDE THE MOTORCYCLE chapter for more information. If this light goes on, have the DFI system checked by an authorized Kawasaki dealer.

Keys

This motorcycle has a combination key, which is used for the ignition switch, steering lock, seat lock, and fuel tank cap.

Included with the key is a key number, which may be stamped on a separate plate. Record the key number in the space provided and store the number in a safe place. If your keys came with a plate, store it in a safe place as well.

| A. Ignition Key | B. Tag | C. Key Number |

Write your key number here.

In the event you lose your keys, you will need the key number to have a duplicate made. If you cannot locate your key number, contact the dealer where
you purchased your Kawasaki motorcycle. It's possible the dealer may have the number in its records. If the key number is lost completely, you will need to replace the ignition switch and all other locks operated by that key.

Contact your Kawasaki dealer to purchase additional spare keys either using your original key as a master or using the key code on the tag or your key. Store one key at home and keep another spare in your wallet or riding gear, in case the original is lost.

**Ignition Switch/Steering Lock**

This is a three-position, key-operated switch. The key can be removed from the switch when it is in the “OFF” or “LOCK” position.

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Ignition Switch/Steering Lock</td>
<td>B. ON position</td>
</tr>
<tr>
<td>C. OFF position</td>
<td></td>
</tr>
<tr>
<td>D. LOCK position</td>
<td>Engine off. Electrical circuits off.</td>
</tr>
<tr>
<td></td>
<td>Engine on. All electrical equipment can be used.</td>
</tr>
<tr>
<td></td>
<td>Steering locked. Engine off. Electrical circuits off.</td>
</tr>
</tbody>
</table>
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NOTE

○ The tail, city and license plate lights are on whenever the ignition key is in the “ON” position. Headlights go on when the starter button is released after starting the engine. To avoid battery discharge, always start the engine immediately after turning the ignition key to “ON.”

○ If you leave the key in the “ON” position on for a long time, the battery may become totally discharged.
Right Handlebar Switches

A. Engine Stop Switch
B. Starter Button

**Engine Stop Switch**
In addition to the ignition switch, the engine stop switch must be in the position for the motorcycle to operate.

The engine stop switch is for emergency use. If required, move the switch to the position.

**NOTE**
- Although the engine stop switch stops the engine, it does not turn off all the electrical circuits. Ordinarily, the ignition switch should be used to stop the engine.

**Starter Button**
The starter button operates the electric starter when the transmission is in neutral.
Refer to the Starting the Engine section in the HOW TO RIDE THE MOTORCYCLE chapter for starting instructions.
Left Handlebar Switches

A. Dimmer Switch
B. Turn Signal Switch
C. Horn Button
D. Passing Button

Dimmer Switch
High or low beam can be selected with the dimmer switch. When the headlight is on high beam (☉), the high beam indicator light goes on.

Turn Signal Switch
When the turn signal switch is turned to the left (◇) or right (◇), the corresponding turn signals blink on and off.
To stop blinking, push the switch in.

Horn Button
When the horn button is pushed, the horn sounds.

Passing Button
When the passing button is pushed, the headlight high beam (passing beam) goes on to signal the driver of the vehicle ahead that you are about to pass. The passing light is shut off as soon as the button is released.
**Fuel Tank Cap**

To open the fuel tank cap, pull up the key hole cover. Insert the ignition key into the fuel tank cap and turn the key to the right.

To close the cap, push it down into place with the key inserted. The key can be removed by turning it to the left to the original position. Close the key hole cover.

**NOTE**

- The fuel tank cap cannot be closed without the key inserted, and the key cannot be removed unless the cap is locked properly.
- Do not push on the key to close the cap, or the cap cannot be locked.

**Fuel Tank**

The following octane rating gasoline is recommended for the fuel tank. Avoid filling the tank in the rain or where heavy dust is blowing so that the fuel does not get contaminated.
**WARNING**

Gasoline is extremely flammable and can be explosive under certain conditions, creating the potential for serious burns. Turn the ignition switch off. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light. Never fill the tank completely to the top. If the tank is filled completely to the top, heat may cause the fuel to expand and overflow through the vents in the tank cap. After refueling, make sure the tank cap is closed securely. If gasoline is spilled on the fuel tank, wipe it off immediately.
**NOTICE**

California model only: Never fill the tank so the fuel level rises into the filler neck. If the tank is overfilled, heat may cause the fuel to expand and flow into the Evaporative Emission Control System resulting in hard starting and engine hesitation and in compliance with the emission regulation.

**Fuel Requirement**

**Fuel Type**

Use clean, fresh unleaded gasoline with a minimum Antiknock Index of 87. The Antiknock Index is posted on service station pumps. The octane rating of a gasoline is a measure of its resistance to detonation or “knocking.” The Antiknock Index is an average of the Research Octane Number (RON) and the Motor Octane Number (MON) as shown in the table.

<table>
<thead>
<tr>
<th>Octane Rating Method</th>
<th>Minimum Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antiknock Index ((\text{RON} + \text{MON})/2)</td>
<td>87</td>
</tr>
</tbody>
</table>

**NOTICE**

Use only unleaded gasoline. Never use leaded gasoline. Leaded gasoline significantly reduces the capability of the catalytic converter in the exhaust system.
NOTICE

Use minimum of 87 octane gasoline only to prevent severe engine damage.

NOTICE

If engine "knocking" or "pinging" occurs, use a different brand of gasoline of a higher octane rating. If this condition is allowed to continue it can lead to severe engine damage. Gasoline quality is important. Fuels of low quality or not meeting standard industry specifications may result in unsatisfactory performance. Operating problems that result from the use of poor quality or nonrecommended fuel may not be covered under your warranty.

Fuels Containing Oxygenates

Gasoline frequently contains oxygenates (alcohols and ethers) especially in areas of the U.S. and Canada which are required to sell such reformulated fuels as part of a strategy to reduce exhaust emissions.

The types and volume of fuel oxygenates approved for use in unleaded gasoline by the U.S. Environmental Protection Agency include a broad range of alcohols and ethers, but only two components have seen any significant level of commercial use.

Gasoline/Alcohol Blends - Gasoline containing up to 10% ethanol (alcohol produced from agricultural products such as corn), also known as "gasohol" is approved for use.
Avoid using blends of unleaded gasoline and methanol (wood alcohol) whenever possible, and never use “gasohol” containing more than 5% methanol. Fuel system damage and performance problems may result.

Gasoline/Ether Blends - The most common ether is methyl tertiary butyl ether (MTBE). You may use gasoline containing up to 15% MTBE.

NOTE

Other oxygenates approved for use in unleaded gasoline include TAME (up to 16.7%) and ETBE (up to 17.2%). Fuel containing these oxygenates can also be used in your Kawasaki.

Notice

Never use gasoline with an octane rating lower than the minimum specified by Kawasaki. Never use “gasohol” with more than 10% ethanol, or more than 5% methanol. Gasoline containing methanol must also be blended with cosolvents and corrosion inhibitors. Certain ingredients of gasoline may cause paint fading or damage. Be extra careful not to spill gasoline or gasoline oxygenate blends during refueling. When not operating your Kawasaki for 30 to 60 days, mix a fuel stabilizer (such as STA-BIL) with the gasoline in the fuel tank. Fuel stabilizer additives inhibit oxidation of the fuel which minimizes gummy deposits.
**NOTICE**

Never store this product with "gasohol" in the fuel system. Before storage it is recommended that you drain all fuel from the fuel system. See the Storage section in this manual.

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**Side Stand**

The motorcycle is equipped with the side stand.

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**NOTE**

*When using the side stand, turn the handlebar to the left.*

Do not sit on the motorcycle while it is on its side stand. Always kick the stand fully up before sitting on the motorcycle.
NOTE
○ The motorcycle is equipped with a side stand switch. This switch is designed so that the engine does not start if the transmission is in gear and the side stand is down.

Seats
Passenger’s Seat Removal
- Remove the passenger’s seat by inserting the ignition key into the seat lock, and turning it clockwise.
- Pull up the front of seat, and remove the passenger’s seat by pushing it to the front.

Passenger’s Seat Installation
Install the passenger’s seat in the reverse order of removal.
- Insert the tabs in rear of the passenger’s seat into the slots of the bracket.
- Insert the projection in front of the passenger’s seat into the hole on the frame.
A. Projection
B. Slots
C. Tabs
D. Insert

- Push down the front part of the passenger's seat until the lock clicks.
- Pull up the front and rear ends of the passenger's seat to make sure they are securely locked.

Rider's Seat Removal
- Remove the bolt and collar on the left and right side covers.

- Pull the left and right side covers to the outside for detaching the projections.

- Remove the bolts and collars on the rider's seat, and pull off the seat to the up and rear.
**A. Bolt and Collar (Left Side)**

**B. Rider’s Seat**

**C. Pull Up and Rear**

**Rider’s Seat Installation**
- Install the rider’s seat in the reverse order of removal.
  - Insert the tabs on the rear of the rider’s seat into the slots on the frame.
- Install the collars and tighten the bolts.
- Install the left and right side covers, collars and tighten the bolts.
Helmet Hooks

Helmets can be secured to the motorcycle using the helmet hooks. The helmet hooks are located under the passenger’s seat.

**WARNING**

Riding with helmets attached to the hooks could cause an accident by distracting the operator or interfering with normal vehicle operation. Do not ride the motorcycle with helmets attached to the hooks.

**Tying Hooks**

When tying up light loads to the seat, use the tying hooks located in front of the rear turn signal lights and rear of the rear footpegs.
A. Tying Hooks

The tool kit compartment is located under the passenger’s seat. The kit contains tools that can be helpful in making roadside repairs, adjustments, and some maintenance procedures explained in this manual. Keep the tool kit in the compartment.

Event Data Recorder

In common with many other vehicle manufacturers, Kawasaki has equipped this motorcycle with an event data recorder (EDR). The purpose of this device is to record data, only in accident situation, that assists with understanding of how a vehicle’s systems were performing during a short period
of time immediately before and during an accident (event).

NOTE
○ During normal riding data is recorded but is constantly overwritten and then erased when the ignition is switched off.
○ At no time other than in the event of an accident is EDR data stored for retrieval.
○ This device does not collect or store personal data or information (e.g. name, gender, age).

This data can help provide a better understanding for both the rider and the manufacturer of how the vehicle was performing at the time of an accident and of the circumstances in which crashes occur.

The EDR in this vehicle is designed to record only data that is relevant to the vehicle’s running condition at the time of an accident such information as:
● Vehicle speed,
● Engine crankshaft rotational speed, and
● Throttle opening.

To access information on an EDR, special equipment and access to the EDR is required. Kawasaki will not share EDR information without obtaining your consent, unless required by government authorities, or acting pursuant to lawful authority.
Break-In

The first 1,600 km (1,000 mi) that the motorcycle is ridden is designated as the break-in period. If the motorcycle is not used carefully during this period, you may very well end up with a “broken down” instead of a “broken in” motorcycle after a few thousand kilometers.

The following rules should be observed during the break-in period:
• The table shows maximum recommended engine speed during the break-in period.

<table>
<thead>
<tr>
<th>Distance traveled</th>
<th>Maximum engine speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ~ 800 km (0 ~ 500 mi)</td>
<td>4,000 r/min (rpm)</td>
</tr>
<tr>
<td>800 ~ 1,600 km (500 ~ 1,000 mi)</td>
<td>6,000 r/min (rpm)</td>
</tr>
</tbody>
</table>

NOTE
○ When operating on public roadways, keep maximum speed under traffic law limits.
○ Do not start moving or race the engine immediately after starting it, even if the engine is already warm. Run the engine for two or three minutes at idle speed to give the oil a chance to work up into all the engine parts.
• Do not race the engine while the transmission is in neutral.

**WARNING**

New tires are slippery and may cause loss of control and injury. A break-in period of 160 km (100 miles) is necessary to establish normal tire traction. During break-in, avoid sudden and maximum braking and acceleration, and hard cornering.

In addition to the above, at 1 000 km (600 mi) it is extremely important that the owner has the initial maintenance service performed by an authorized Kawasaki dealer.

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**Starting the Engine**

• Check that the engine stop switch is in the position.

- Turn the ignition key to “ON” position.
- Make sure the transmission is in neutral.
A. Green Neutral Indicator Light  
B. Ignition Switch  
C. ON position  

NOTE  
* The motorcycle is equipped with a vehicle-down sensor which causes the engine to stop automatically if the motorcycle falls down. The engine warning indicator light ( 🚭 ) blinks when the starter button is pressed if the engine cannot be started. After righting the motorcycle, first turn the ignition key to “OFF” position and then back to “ON” position before starting the engine.  
* Without holding the throttle grip, push the starter button to start the engine.  

NOTICE  
Do not operate the starter continuously for more than 5 seconds, or the starter will overheat and the battery power will drop temporarily. Wait 15 seconds between each operation of the starter to let it cool and the battery power recover.
NOTE

○ While the engine is cold, the fast idle system automatically raises the engine idling speed. At this time, the engine warning indicator light may go on if you operate the throttle grip unnecessarily.

○ The motorcycle is equipped with a starter lockout switch. This switch is designed so that the engine does not start if the transmission is in gear and the side stand is down. However, the engine can be started if the clutch lever is pulled and the side stand is fully up.

NOTICE

Do not let the engine idle longer than five minutes, or engine overheating and damage may occur.
Jump Starting

If your motorcycle battery is "run down," it should be removed and charged. If this is not practical, a 12 volt booster battery and jumper cables may be used to start the engine.

DANGER

Battery acid generates hydrogen gas which is flammable and explosive under certain conditions. It is present within a battery at all times, even in a discharged condition. Keep all flames and sparks (cigarettes) away from the battery. Wear eye protection when working with a battery. In the event of battery acid contact with skin, eyes, or clothing, wash the affected areas immediately with water for at least five minutes. Seek medical attention.

Connecting Jumper Cables

- Make sure the ignition key is turned off.
- Remove the side covers and the rider’s seat.
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- Remove the battery cover. Refer to the Battery section in the MAINTENANCE AND ADJUSTMENT chapter.
- Slide the red cap from the positive (+) terminal.
- Connect a jumper cable from the positive (+) terminal of the booster battery to the positive (+) terminal of the motorcycle battery.

**NOTICE**

Be careful not to contact the jumper cable slip on the positive battery terminal to the frame, or it will cause a short circuit.

- Connect another jumper cable from the negative (−) terminal of the booster battery to your motorcycle rear footpeg or other unpainted metal surface. Do not use the negative (−) terminal of the battery.
**DANGER**

Batteries contain sulfuric acid that can cause burns and produce hydrogen gas which is highly explosive. Do not make this last connection at the fuel system or battery. Take care not to touch the positive and negative cables together, and do not lean over the battery when making this last connection. Do not connect to a frozen battery. It could explode. Do not reverse polarity by connecting positive (+) to negative (–), or a battery explosion and serious damage to the electrical system may occur.

- Follow the standard engine starting procedure.

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not operate the starter continuously for more than 5 seconds or the starter will overheat and the battery power will drop temporarily. Wait 15 seconds between each operation of the starter to let it cool and the battery power recover.</td>
</tr>
</tbody>
</table>

- After the engine has started, disconnect the jumper cables. Disconnect the negative (–) cable from the motorcycle first.
- Reinstall the parts removed.
- Check the cables are correctly routed. Refer to the Battery section in the MAINTENANCE AND ADJUSTMENT chapter.
Moving Off

- Check that the side stand is up.
- Pull in the clutch lever.
- Shift into 1st gear.
- Open the throttle a little, and start to let out the clutch lever very slowly.
- As the clutch starts to engage, open the throttle a little more, giving the engine just enough fuel to keep it from stalling.

NOTE

The motorcycle is equipped with a side stand switch. This switch is designed so that the engine does not start if the transmission is in gear and the side stand is down.

Shifting Gears

- Close the throttle while pulling in the clutch lever.
- Shift into the next higher or lower gear.
- Open the throttle part way, while releasing the clutch lever.
- For smooth riding, each gear position should cover the proper rate of speed shown in the table.
HOW TO RIDE THE MOTORCYCLE

**WARNING**

Downshifting to a lower gear at high speed causes engine rpm to increase excessively, potentially damaging the engine and it may also cause the rear wheel to skid and cause an accident. Downshifting should be done below the vehicle speeds for each gear shown in the table.

<table>
<thead>
<tr>
<th>Shifting up</th>
<th>km/h (mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st → 2nd</td>
<td>15 (9)</td>
</tr>
<tr>
<td>2nd → 3rd</td>
<td>25 (15)</td>
</tr>
<tr>
<td>3rd → 4th</td>
<td>35 (21)</td>
</tr>
<tr>
<td>4th → 5th</td>
<td>45 (27)</td>
</tr>
<tr>
<td>5th → 6th</td>
<td>55 (34)</td>
</tr>
</tbody>
</table>

**Vehicle speed when shifting**

<table>
<thead>
<tr>
<th>Shifting down</th>
<th>km/h (mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th → 5th</td>
<td>30 (19)</td>
</tr>
<tr>
<td>5th → 4th</td>
<td>25 (15)</td>
</tr>
<tr>
<td>4th → 3rd</td>
<td>20 (12)</td>
</tr>
<tr>
<td>3rd → 2nd</td>
<td>15 (9)</td>
</tr>
<tr>
<td>2nd → 1st</td>
<td>15 (9)</td>
</tr>
</tbody>
</table>

**NOTE**

○ The transmission is equipped with a positive neutral finder. When the motorcycle is standing still, the transmission cannot be shifted past neutral from 1st gear. To use the positive neutral finder, shift down to 1st gear, then lift up on the shift pedal while standing still. The transmission will shift only into neutral.
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Braking

- Close the throttle completely, leaving the clutch engaged (except when shifting gears) so that the engine will help slow down the motorcycle.
- Shift down one gear at a time so that you are in 1st gear when you come to a complete stop.
- When stopping, always apply both brakes at the same time. Normally the front brake should be applied a little more than the rear. Shift down or fully disengage the clutch as necessary to keep the engine from stalling.
- Never lock the brakes, or it will cause the tires to skid. When turning a corner, it is better not to brake at all. Reduce your speed before you get into the corner.
- Even in motorcycles equipped with ABS, braking during cornering may cause wheel slip. When turning a corner, it is better to limit braking to the light application of both brakes or not to brake at all. Reduce your speed before you get into the corner.
- For emergency braking, disregard downshifting, and concentrate on applying the brakes as hard as possible without skidding.

A. Front Brake Lever
A. Rear Brake Pedal

Anti-lock Brake System (ABS)

(only on ABS model)

ABS is designed to help prevent the wheels from locking up when the brakes are applied hard while running straight. The ABS automatically regulates brake force. Intermittently gaining gripping force and braking force helps prevent wheel lock-up and allows stable steering control while stopping.

Brake control function is identical to that of a conventional motorcycle. The brake lever is used for the front brake and the brake pedal for the rear brake. Although the ABS provides stability while stopping by preventing wheel lock-up, remember the following characteristics:

- To apply the brake effectively, use the front brake lever and rear brake pedal simultaneously in the same manner as conventional motorcycle brake system.
- ABS cannot compensate for adverse road conditions, misjudgment or improper application of brakes. You must take the same care as with motorcycles not equipped with ABS.
- ABS is not designed to shorten the braking distance. On loose, uneven or downhill surfaces, the stopping...
distance of a motorcycle with ABS may be longer than that of an equivalent motorcycle without ABS. Use special caution in such areas.

- ABS will help prevent wheel lock-up when braking in a straight line, but it cannot control wheel slip which may be caused by braking during cornering. When turning a corner, it is better to limit braking to the light application of both brakes or not to brake at all. Reduce your speed before you get into the corner.

- Same as conventional brake system, an excessive sudden braking may cause wheel lock up that makes it harder to control a motorcycle.

- During braking, ABS will not prevent the rear wheel lifting.

---

**WARNING**

ABS cannot protect the rider from all possible hazards and is not a substitute for safe riding practices. Be aware of how the ABS system operates and its limitations. It is the rider’s responsibility to ride at appropriate speeds and manner for weather, road surface and traffic conditions.

- The computers integrated in the ABS compare vehicle speed with wheel speed. Since non-recommended tires can affect wheel speed, they may confuse the computers, which can extend braking distance.
WARNING
Use of non-recommended tires may cause malfunctioning of ABS and can lead to extended braking distance. The rider could have an accident as a result. Always use recommended standard tires for this motorcycle.

NOTE
○ ABS indicator light may come on under motorcycle riding condition. (ex. The front or rear wheel races.) In this case, first turn the ignition switch to "OFF," and then back to "ON," and run the motorcycle at the speed of approx. 10 km/h (6 mph) or above. ABS indicator light goes off by this operation, but if it remains lit, you should have the ABS checked by an authorized Kawasaki dealer.

○ When the ABS is functioning, you may feel a pulsing in the brake lever or pedal. This is normal. You need not suspend applying brakes.
○ ABS does not function at speeds of approx. 10 km/h (6 mph) or below.
○ ABS does not function if the battery is discharged.

Yellow ABS Indicator Light
Normally the ABS indicator light goes on when the ignition switch is turned on and goes off shortly after the motorcycle starts moving.

If this light shows any of the following, a fault or faults may have occurred in the ABS. You should have the ABS checked by an authorized Kawasaki dealer.
- The light does not come on when the ignition switch is turned on.
The light remains lit after the motorcycle starts moving.

The light comes on and remains lit after the motorcycle starts moving.

Remember that the ABS does not function when this light is on, but if the ABS fails, the conventional brake system still works normally.

**Stopping the Engine**

- Close the throttle completely.
- Shift the transmission into neutral.
- Turn the ignition key to “OFF” position.
- Support the motorcycle on a firm, level surface with the side stand.
- Lock the steering.

**NOTE**

The motorcycle is equipped with a vehicle-down sensor which causes the engine to stop automatically if the motorcycle falls down. The engine warning indicator light ( ⚠️ ) blinks when the starter button is pressed if the engine cannot be started. After righting the motorcycle, first turn the ignition key to “OFF” position and then back to “ON” position before starting the engine.

**Stopping the Motorcycle in an Emergency**

Your Kawasaki Motorcycle has been designed and manufactured to provide you optimum safety and convenience. However, in order to fully benefit from Kawasaki’s safety engineering and craftsmanship, it is essential that you, the owner and operator, properly maintain your motorcycle and become thoroughly familiar with its operation.
Improper maintenance can create a dangerous situation known as throttle failure. Two of the most common causes of throttle failure are:

1. An improperly serviced or clogged air cleaner may allow dirt and dust to enter the throttle body and stick the throttle open.
2. During removal of the air cleaner, dirt is allowed to enter and jam the fuel injection system.

In an emergency situation such as throttle failure, your vehicle may be stopped by applying the brakes and disengaging the clutch. Once this stopping procedure is initiated, the engine stop switch may be used to stop the engine. If the engine stop switch is used, turn off the ignition switch after stopping the motorcycle.

**Parking**

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating or parking the vehicle near flammable materials can cause a fire, and can result in property damage or severe personal injury. Do not idle or park your vehicle in an area where tall or dry vegetation, or other flammable materials could come into contact with the muffler or exhaust pipe.</td>
</tr>
</tbody>
</table>
WARNING
The engine and exhaust system get extremely hot during normal operation and can cause serious burns. Never touch a hot engine, exhaust pipe, or muffler during operation or after stopping the engine.

- Shift the transmission into neutral and turn the ignition key to “OFF” position.
- Support the motorcycle on a firm, level surface with the side stand.

NOTICE
Do not park on a soft or steeply inclined surface, or the motorcycle may fall over.

WARNING
Gasoline is extremely flammable and can be explosive under certain conditions, creating the potential for serious burns. Turn the ignition switch off. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light.

- If parking inside a garage or other structure, be sure it is well ventilated and the motorcycle is not close to any source of flame or sparks; this includes any appliance with a pilot light.

- Lock the steering to help prevent theft.
The maintenance and adjustments outlined in this chapter must be carried out in accordance with the Daily Checks and Periodic Maintenance to keep the motorcycle in good running condition and to reduce air pollution. The initial maintenance is vitally important and must not be neglected.

**WARNING**

Failure to perform these checks or to correct a problem before operation may result in serious damage or an accident. Always perform daily checks before operation.

With a basic knowledge of mechanics and the proper use of tools, you should be able to carry out many of the maintenance items described in this chapter. If you lack proper experience or doubt your ability, all adjustments, maintenance, and repair work should be completed by a qualified technician.

Please note that Kawasaki cannot assume any responsibility for damage resulting from incorrect or improper adjustment made by the owner.
DANGER
Exhaust gas contains carbon monoxide, a colorless, odorless poisonous gas. Inhaling carbon monoxide can cause serious brain injury or death. DO NOT run the engine in enclosed areas. Operate only in a well-ventilated area.

WARNING
The cooling fan spins at high speed and can cause serious injuries. Keep your hands and clothing away from the cooling fan blades at all times.

NOTE
○ If a torque wrench is not available, the maintenance items which require a specific torque value should be serviced by an authorized Kawasaki dealer.
Daily Checks

Check the following items each day before you ride. The time required is minimal, and habitual performance of these checks will help ensure you a safe, reliable ride. If any irregularities are found during these checks, refer to the MAINTENANCE AND ADJUSTMENT chapter or see your dealer for the action required to return the motorcycle to a safe operating condition.

<table>
<thead>
<tr>
<th>Operation</th>
<th>See Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>–</td>
</tr>
<tr>
<td>Adequate supply in tank, no leaks</td>
<td>–</td>
</tr>
<tr>
<td>Engine Oil</td>
<td>93</td>
</tr>
<tr>
<td>Oil level between level lines</td>
<td>93</td>
</tr>
<tr>
<td>Tires</td>
<td>120</td>
</tr>
<tr>
<td>Air pressure (when cold), install the air valve cap</td>
<td>120</td>
</tr>
<tr>
<td>Tire wear</td>
<td>121</td>
</tr>
<tr>
<td>Drive Chain</td>
<td>108</td>
</tr>
<tr>
<td>Slack</td>
<td>108</td>
</tr>
</tbody>
</table>
## 86 MAINTENANCE AND ADJUSTMENT

<table>
<thead>
<tr>
<th>Operation</th>
<th>See Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricate if dry</td>
<td>107</td>
</tr>
<tr>
<td><strong>Bolts, nuts and fasteners</strong></td>
<td></td>
</tr>
<tr>
<td>Check for loose and/or missing</td>
<td></td>
</tr>
<tr>
<td>bolts, nuts and fasteners</td>
<td></td>
</tr>
<tr>
<td><strong>Steering</strong></td>
<td></td>
</tr>
<tr>
<td>Action smooth but not loose from</td>
<td></td>
</tr>
<tr>
<td>lock to lock</td>
<td></td>
</tr>
<tr>
<td>No binding of control cables</td>
<td></td>
</tr>
<tr>
<td><strong>Brakes</strong></td>
<td></td>
</tr>
<tr>
<td>Brake pad wear</td>
<td>113</td>
</tr>
<tr>
<td>Brake fluid level</td>
<td>112</td>
</tr>
<tr>
<td>No brake fluid leakage</td>
<td></td>
</tr>
<tr>
<td><strong>Throttle</strong></td>
<td></td>
</tr>
<tr>
<td>Throttle grip play</td>
<td>103</td>
</tr>
<tr>
<td><strong>Clutch</strong></td>
<td></td>
</tr>
<tr>
<td>Clutch lever play</td>
<td>106</td>
</tr>
<tr>
<td>Clutch lever operates smoothly</td>
<td></td>
</tr>
<tr>
<td>Operation</td>
<td>See Page</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td><strong>Coolant</strong></td>
<td></td>
</tr>
<tr>
<td>No coolant leakage</td>
<td></td>
</tr>
<tr>
<td>Coolant level between level lines (when engine is cold)</td>
<td>96</td>
</tr>
<tr>
<td><strong>Electrical equipment</strong></td>
<td></td>
</tr>
<tr>
<td>All lights (head, tail/brake, turn signal, warning/indicator) and horn work</td>
<td></td>
</tr>
<tr>
<td><strong>Engine stop switch</strong></td>
<td></td>
</tr>
<tr>
<td>Stops engine</td>
<td></td>
</tr>
<tr>
<td><strong>Side stand</strong></td>
<td></td>
</tr>
<tr>
<td>Return to its fully up position by spring tension</td>
<td></td>
</tr>
<tr>
<td>Return spring not weak or not damaged</td>
<td></td>
</tr>
<tr>
<td><strong>Rear view mirrors</strong></td>
<td></td>
</tr>
<tr>
<td>Rear view sight</td>
<td></td>
</tr>
</tbody>
</table>
Periodic Maintenance

*A: Service at number of years shown or indicated odometer reading intervals, whichever comes first.
*B: For higher odometer readings, repeat at the frequency interval established here.
*C: Service more frequently when operating in severe conditions: dusty, wet, muddy, high speed, or frequent starting/stopping.
*D: California Model only
○: Emission Related Item
☑: Dealer Inspection
☑: Dealer Change or Replace
☑: Dealer Lubrication
<table>
<thead>
<tr>
<th>Items</th>
<th>year (*A)</th>
<th>Odometer Reading (*B) x 1 000 km (x 1 000 mile)</th>
<th>See Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air cleaner element (*C)</td>
<td>2</td>
<td>Q Q Q</td>
<td>99</td>
</tr>
<tr>
<td>Idle speed</td>
<td></td>
<td>Q Q Q</td>
<td>105</td>
</tr>
<tr>
<td>Throttle control system (play, smooth return, no drag)</td>
<td>1</td>
<td>Q Q Q</td>
<td>103</td>
</tr>
<tr>
<td>Engine vacuum synchronization</td>
<td></td>
<td>Q Q Q</td>
<td>–</td>
</tr>
<tr>
<td>Fuel system</td>
<td>1</td>
<td>Q Q Q</td>
<td>–</td>
</tr>
<tr>
<td>Fuel hose</td>
<td>5</td>
<td>Q</td>
<td>–</td>
</tr>
<tr>
<td>Evaporative emission control system (*D)</td>
<td></td>
<td>Q Q Q</td>
<td>–</td>
</tr>
<tr>
<td>Coolant level</td>
<td></td>
<td>Q Q Q</td>
<td>96</td>
</tr>
<tr>
<td>Cooling system</td>
<td>1</td>
<td>Q Q Q</td>
<td>–</td>
</tr>
</tbody>
</table>
## Maintenance and Adjustment

### Items

<table>
<thead>
<tr>
<th>Items</th>
<th>year (*A)</th>
<th>Odometer Reading (*B)</th>
<th>See Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>× 1 000 km (× 1 000 mile)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>(0.6)</td>
<td>(3.8)</td>
<td>(7.6)</td>
</tr>
<tr>
<td>Coolant, water hoses and O-rings</td>
<td>:3</td>
<td>every 36 000 km (22 500 mile)</td>
<td>–</td>
</tr>
<tr>
<td>○ Valve clearance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Air suction system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clutch operation (play, engagement, disengagement)</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Engine oil and Oil filter (*C)</td>
<td>:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tire air pressure</td>
<td>:1</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Wheels and tires</td>
<td>:1</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Wheel bearing damage</td>
<td>:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drive chain lubrication condition (*C)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

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<table>
<thead>
<tr>
<th>Items</th>
<th>year (A)</th>
<th>Odometer Reading (B)</th>
<th>See Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive chain slack (*C)</td>
<td></td>
<td>every 1 000 km (600 mile)</td>
<td>108</td>
</tr>
<tr>
<td>Drive chain wear (*C)</td>
<td></td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Drive chain guide wear</td>
<td></td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Brake system</td>
<td>1</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Brake fluid level</td>
<td>0.5</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Brake fluid (front and rear)</td>
<td>2</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Brake hose/rubber parts of brake master</td>
<td>24</td>
<td>every 48 000 km (30 000 mile)</td>
<td></td>
</tr>
<tr>
<td>Brake pad wear (*C)</td>
<td></td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Brake light switch operation</td>
<td></td>
<td>Q</td>
<td>113</td>
</tr>
<tr>
<td>Items</td>
<td>year (*A)</td>
<td>Odometer Reading (*B)</td>
<td>See Page</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Suspension system</td>
<td></td>
<td>1 (0.6)</td>
<td>6 (3.8)</td>
</tr>
<tr>
<td>Lubrication of rear suspension</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steering play</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steering stem bearings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Spark plugs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chassis parts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Condition of bolts, nuts and fasteners</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: (*) indicates the frequency of maintenance. (*)A is in years, (*)B is in odometer readings.
Engine Oil

Oil Level Inspection

- If the engine is cold, start the engine and run it for several minutes at idle speed.
- Stop the engine, then wait several minutes until the oil settles.

**NOTICE**

Racing the engine before the oil reaches every part can cause engine seizure.

- Check the engine oil level through the oil level inspection window. With the motorcycle held level, the oil level should come up between the upper and lower level lines next to the oil level inspection window.

- If the oil level is too high, remove the excess oil through the oil filler opening using a syringe or some other suitable device.
- If the oil level is too low, add oil to reach the correct level. Use the same type and brand of oil that is already in the engine.
Oil and/or Oil Filter Change

The oil change and oil filter replacement should be done by an authorized Kawasaki dealer.

**WARNING**

Engine oil is a toxic substance. Dispose of used oil properly. Contact your local authorities for approved disposal methods or possible recycling.

<table>
<thead>
<tr>
<th>A. Engine Oil Drain Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tightening Torque</strong></td>
</tr>
<tr>
<td>Engine Oil Drain Bolt:</td>
</tr>
<tr>
<td>19.6 N·m (2.00 kgf·m, 14.5 ft·lb)</td>
</tr>
</tbody>
</table>
### A. Oil Filter

**Tightening Torque**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Filter</td>
<td>17.5 N·m (1.78 kgf·m, 12.9 ft·lb)</td>
</tr>
</tbody>
</table>

### Recommended Engine Oil

- **Type:**
  - Kawasaki Performance 4-Stroke Motorcycle Oil*
  - Kawasaki Performance 4-Stroke Semi-Synthetic Oil*
  - Kawasaki Performance 4-Stroke Full Synthetic Oil*
  - or other 4-stroke oils with API SG, SH, SJ, SL, SM and JASO MA, MA1, MA2 rating

- **Viscosity:**
  - SAE10W-40

*Kawasaki Performance Oils and Lubricants have been specifically engineered for your vehicle. Consistent use of these products meets or exceeds warranty and service requirements and can help to extend the life of your Kawasaki.*
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NOTE
○ Do not add any chemical additive to the oil. Oils fulfilling the above requirements are fully formulated and provide adequate lubrication for both the engine and the clutch.

Engine Oil Capacity

<table>
<thead>
<tr>
<th>Capacity</th>
<th>2.0 L (2.1 US qt)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[when filter is not removed]</td>
</tr>
<tr>
<td></td>
<td>2.2 L (2.3 US qt)</td>
</tr>
<tr>
<td></td>
<td>[when filter is removed]</td>
</tr>
</tbody>
</table>

Although 10W-40 engine oil is the recommended oil for most conditions, the oil viscosity may need to be changed to accommodate atmospheric conditions in your riding area.

Coolant

Coolant Level Inspection
● Position the motorcycle so that it is perpendicular to the ground.
● Check the coolant level through the coolant level gauge on the reserve tank located to the right of the front fork. The coolant level should be between the F (Full) and L (Low) level lines.
Coolant Filling

- Remove the cap from the reserve tank and add coolant through the filler opening to the F (Full) level line.

NOTE

○ Check the level when the engine is cold (room or atmospheric temperature).

- If the amount of coolant is insufficient, add coolant into the reserve tank.
NOTE
○ In an emergency you can add water alone to the coolant reserve tank, however it must be returned to the correct mixture ratio by the addition of antifreeze concentrate as soon as possible.

NOTICE
If coolant must be added often, or the reserve tank completely runs dry, there is probably leakage in the system. Have the cooling system inspected by your authorized Kawasaki dealer.

• Install the reserve tank cap.

Coolant Change
  Have the coolant changed by an authorized Kawasaki dealer.

Coolant Requirement

WARNING
Coolant containing corrosion inhibitors for aluminum engines and radiators include harmful chemicals for human body. Drinking coolant can result in serious injury or death. Use coolant in accordance with the instructions of the manufacturer.

Use a permanent type of antifreeze (soft water and ethylene glycol plus corrosion and rust inhibitor chemicals for aluminum engines and radiators) in the cooling system. On the mixture ratio of coolant, choose the suitable one referring to the relation between freezing point and strength directed on the container.
NOTICE

If hard water is used in the system, it causes scale accumulation in the water passages, and considerably reduces the efficiency of the cooling system.

NOTE

- A permanent type of antifreeze is installed in the cooling system when shipped. It is mixed at 50% and has the freezing point of –35°C (–31°F).

Air Cleaner

**Element Removal**

- Remove the right side cover.

- Unscrew the air cleaner element cap mounting screws, then remove the air cleaner element cap.

- Pull out the air cleaner element from the air cleaner housing.
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A. Element
- Remove the element from the frame.

B. Frame
- Put a clean, lint-free towel into the air cleaner housing to keep dirt or other foreign material from entering.
- Inspect the element material for damage. If any part of the element is damaged, the element must be replaced.
**WARNING**

If dirt or dust is allowed to pass through into the throttle body assembly, the throttle may become stuck, possibly causing accident. Be sure to keep the dust from entering during cleaning.

**NOTICE**

If dirt gets through into the engine, excessive engine wear and possibly engine damage will occur.

- The element and removed part installation is performed in the reverse order of removal.

---

**Element Cleaning**

- Clean the element in a bath of a high flash-point solvent.
- Squeeze it dry in a clean towel. Do not wring the element or blow it dry; the element can be damaged.
- Check all the parts of the element for visible damage.
- If any of the parts of the element are damaged, replace them.
- After cleaning, saturate the element with a high-quality foam-air-filter oil, squeeze out the excess, then wrap it in a clean towel and squeeze it as dry as possible.
- Be careful not to tear the sponge filter.
**WARNING**

Gasoline and low flash-point solvents are extremely flammable and may explode, causing severe burns. Do not use gasoline or a low flash-point solvent to clean the element. Clean the element in a well-ventilated area. Be sure there are no sparks or flame in the work area, including any appliance with a pilot light.

**Oil Draining**
- Inspect the transparent drain cap located at the left lower end of the air cleaner housing to see if any oil has run down.

A. Drain Cap
- If there is any oil in the drain cap, remove the cap from the lower end of the air cleaner housing and drain the oil.
**WARNING**

Oil on tires will make them slippery and can cause an accident and injury. Be sure to install the drain cap to the air cleaner housing after draining.

---

**Throttle Control System**

**Throttle Grip**

*Throttle Grip Free Play Inspection*

- Check that the throttle grip moves smoothly from full open to close, and the throttle closes quickly and completely by the return spring in all steering positions.
- If the throttle grip does not return properly, have the throttle control system checked by an authorized Kawasaki dealer.

---

*Check the throttle grip free play by turning back and forth.*

**Throttle Grip Play**

2 – 3 mm (0.08 – 0.12 in.)

- If there is improper play, adjust it.
Throttle Grip Free Play Adjustment

- Loosen the locknut at the throttle grip, and turn the adjuster until the proper amount of throttle grip play is obtained.

A. Locknut
B. Adjuster
C. Throttle Cable (Accelerator Cable)

- If the throttle cables cannot be adjusted with the adjuster at the upper end of the throttle cable, further adjustment of the throttle cables should be done by an authorized Kawasaki dealer.

- With the engine idling, turn the handlebar to each side. If handlebar movement changes the idle speed, the throttle cables may be improperly adjusted or incorrectly routed, or they may be damaged. Be sure to correct any of these conditions before idling.

**WARNING**

Operation with improperly adjusted, incorrectly routed, or damaged cables could result in an unsafe riding condition. Be sure the control cables are adjusted and routed correctly, and are free from damage.
Idle Speed

**Idle Speed Adjustment**
- Start the engine, and warm it up thoroughly.
- Adjust the idle speed by turning the idle adjusting screw.

**NOTE**
- While the engine is cold, the fast idle system automatically raises the engine idling speed.

| Idle Speed | 1 250 ~ 1 350 r/min (rpm) |

A. Idle Adjusting Screw
- Open and close the throttle a few times to make sure that the idle speed does not change. Readjust if necessary.
- With the engine idling, turn the handlebar to each side. If handlebar movement changes the idle speed, the throttle cables may be improperly adjusted or incorrectly routed, or they may be damaged. Be sure to correct any of these conditions before riding.


**WARNING**

Operation with damaged cables could result in an unsafe riding condition. Replace damaged control cables before operation.

**Clutch**

**Clutch Operation Inspection**

- Check that the clutch lever operates properly and that the inner cable slides smoothly. If there is any irregularity, have the clutch cable checked by an authorized Kawasaki dealer.
- Check the clutch lever play as shown.

**Clutch Lever Play**

| 2 ~ 3 mm (0.08 ~ 0.12 in.) |

**Clutch Cable Free Play Adjustment**

- If the play is incorrect, adjust the lever play as follows.
- Loosen the locknut at the clutch lever.
- Turn the adjuster so that the clutch lever will have the specified free play.
WARNING

Too much cable play can prevent clutch disengagement and cause an accident resulting in serious injury or death. When adjusting the clutch or replacing the cable, be sure the upper end of the clutch outer cable is fully seated in its fitting, or it could slip into place later, creating enough cable play to prevent clutch disengagement.

- Tighten the locknut.
- If it cannot be done, have the clutch cable adjusted by an authorized Kawasaki dealer.

NOTE

○ After the adjustment is made, start the engine and check that the clutch does not slip and that it releases properly.

Drive Chain

Drive Chain Lubrication

Lubrication is necessary after riding through rain or on wet roads, or any time that the chain appears dry.

Use a lubricant for sealed chains to prevent deterioration of chain seals. If the chain is especially dirty, clean it using a cleaner for sealed chains following the instructions supplied by the chain cleaner manufacturer.

- Apply lubricant to the sides of the rollers so that it will penetrate to the rollers and bushings. Apply lubricant to the seals so that the seals will be coated with lubricant. Wipe off any excess lubricant.
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- Wipe off any lubricant that gets on the tire surface.

**Drive Chain Slack Inspection**
- Set the motorcycle up on its side stand.
- Clean the chain if it is dirty, and lubricate it if it appears dry.
- Rotate the rear wheel to find the position where the chain is tightest, and measure the maximum chain slack by pulling up and pushing down the chain midway between the engine sprocket and rear wheel sprocket.

<table>
<thead>
<tr>
<th>A. Chain Slack</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the drive chain is too tight or too loose, adjust it so that the chain slack is within the standard value.</td>
</tr>
</tbody>
</table>

**Drive Chain Slack**
- Standard: 20 ~ 30 mm (0.8 ~ 1.2 in.)
Drive Chain Slack Adjustment

- Loosen the left and right chain adjuster locknuts.
- Remove the cotter pin, and loosen the axle nut.

1. If the chain is too loose, turn in the left and right chain adjusting nuts evenly.
2. If the chain is too tight, turn out the left and right chain adjusting nuts evenly.
3. Turn out both chain adjusting nuts evenly until the drive chain has the correct amount of slack. To keep the chain and wheel properly aligned, the notch on the left wheel alignment indicator should align with the same swingarm mark that the right indicator notch aligns with.
A. Marks  
B. Notch  
C. Indicator  
D. Adjusting Nut  
E. Locknut

**NOTE**  
○ Wheel alignment can also be checked using the straightedge or string method.

---

**WARNING**  
Misalignment of the wheel will result in abnormal wear, and may result in an unsafe riding condition. Align the rear wheel using the marks on the swingarm or measuring the distance between the center of the axle and swingarm pivot.

- Tighten both chain adjuster locknuts.
- Tighten the axle nut to the specified torque.

**Tightening Torque**  
Axle Nut: 98 N-m (10 kgf·m, 72 ft·lb)

**NOTE**  
○ If a torque wrench is not available, this item should be serviced by an authorized Kawasaki dealer.
- Rotate the wheel, measure the chain slack again at the tightest position, and readjust if necessary.
- Install a new cotter pin through the axle nut and axle, and spread its ends.

**NOTE**
- When inserting the cotter pin, if the slots in the nut do not align with the cotter pin hole in the axle shaft, tighten the nut clockwise up to the next alignment.
- It should be within 30 degrees.
- Loosen once and tighten again when the slot goes past the nearest hole.

A. Cotter Pin
A. Turn Clockwise


**WARNING**

A loose axle nut can lead to an accident resulting in serious injury or death. Tighten the axle nut to the proper torque and install a new cotter pin.

- Check the rear brake (see the Brakes section).

**Brakes**

If you feel there is something wrong when applying the brakes, have the brake system checked by an authorized Kawasaki dealer immediately.

**WARNING**

Air in the brake lines diminish braking performance and can cause an accident resulting in injury or death. If the brake lever or pedal feels mushy when it is applied, there might be air in the brake lines or the brake may be defective. Have the brake checked immediately by an authorized Kawasaki dealer.

**Brake Fluid Level Inspection**

- With the front brake fluid reservoir held horizontal, the brake fluid level must be above the lower level line.
A. Front Brake Fluid Reservoir
B. Lower Level Line

- With the rear brake fluid reservoir held horizontal, the brake fluid level must be kept between the upper and lower level lines.

A. Rear Brake Fluid Reservoir
B. Upper Level Line
C. Lower Level Line

- If the fluid level is lower than the lower level line it may indicate that the fluid is leaking. In this case, have the brake system inspected by an authorized Kawasaki dealer.

Brake Pad Wear Inspection

Inspect the brakes for wear. For each front and rear disc brake caliper, if the
thickness of either pad lining is less than below table, replace both pads in the caliper as a set. Pad replacement should be done by an authorized Kawasaki dealer.

**Lining Thickness Service Limit**

<table>
<thead>
<tr>
<th></th>
<th>EX300A</th>
<th>EX300B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>1.5 mm (0.06 in.)</td>
<td>1.0 mm (0.04 in.)</td>
</tr>
<tr>
<td>Rear</td>
<td>1.5 mm (0.06 in.)</td>
<td>1.5 mm (0.06 in.)</td>
</tr>
</tbody>
</table>
Brake Light Switches

**Brake Light Switch Inspection**

- Turn the ignition switch on.
- The brake light should go on when the front brake is applied.

- If it does not, ask your authorized Kawasaki dealer to inspect the front brake light switch.
- Check the operation of the rear brake light switch by depressing the brake pedal. The brake light should go on after the proper pedal travel.

- If the light does not come on, adjust the rear brake light switch.
Brake Pedal Travel
10 mm (0.4 in.)

Brake Light Switch Adjustment
- To adjust the rear brake light switch, move the switch up or down by turning the adjusting nut.

**NOTICE**
To avoid damaging the electrical connections inside the switch, be sure that the switch body does not turn during adjustment.

**Suspension System**

**Rear Shock Absorber**

**Spring Preload Adjustment**
The spring preload adjuster on the rear shock absorber has 5 positions.

<table>
<thead>
<tr>
<th>Standard</th>
<th>2nd position</th>
</tr>
</thead>
</table>

- Remove the bolts to take off the chain cover.
A. Chain Cover  
B. Bolts

- Turn the adjuster counterclockwise to increase spring preload and stiffen the suspension.
- Turn the adjuster clockwise to decrease preload and soften the suspension.
A. Spring Preload Adjuster
B. Wrench

- Install the chain cover in the reverse order of removal.
### Setting Table

#### Rear Shock Absorber Spring Preload Setting

<table>
<thead>
<tr>
<th></th>
<th>Softest setting limit</th>
<th>Standard</th>
<th>Hardest setting limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjuster Position</td>
<td>1st</td>
<td>2nd</td>
<td>5th</td>
</tr>
<tr>
<td>Spring Action</td>
<td>Weak</td>
<td></td>
<td>Strong</td>
</tr>
<tr>
<td>Setting</td>
<td>Soft</td>
<td></td>
<td>Hard</td>
</tr>
<tr>
<td>Load</td>
<td>Light</td>
<td></td>
<td>Heavy</td>
</tr>
<tr>
<td>Road</td>
<td>Good</td>
<td></td>
<td>Bad</td>
</tr>
<tr>
<td>Speed</td>
<td>Low</td>
<td></td>
<td>High</td>
</tr>
</tbody>
</table>
Wheels

Tire Pressure Inspection
- Remove the air valve cap.
- Check the tire pressure often, using an accurate gauge.
- Make sure to install the air valve cap securely.

NOTE
- Measure the tire pressure when the tires are cold (that is, when the motorcycle has not been ridden more than a mile during the past 3 hours).
- Tire pressure is affected by changes in ambient temperature and altitude, and so the tire pressure should be checked and adjusted when your riding involves wide variations in temperature or altitude.

<table>
<thead>
<tr>
<th>Tire Air Pressure (when cold)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
</tr>
<tr>
<td>Rear</td>
</tr>
</tbody>
</table>

Tire Wear, Damage
As the tire tread wears down, the tire becomes more susceptible to puncture and failure. An accepted estimate is that 90% of all tire failures occur during the last 10% of tread life (90% worn).
So it is false economy and unsafe to use the tires until they are bald.

**Tire Wear Inspection**
- Measure the depth of the tread with a depth gauge, and replace any tire that has worn down to the minimum allowable tread depth.

<table>
<thead>
<tr>
<th>Minimum Tread Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Front</strong></td>
</tr>
<tr>
<td><strong>Rear</strong></td>
</tr>
<tr>
<td>Under 130 km/h (80 mph)</td>
</tr>
<tr>
<td>Over 130 km/h (80 mph)</td>
</tr>
</tbody>
</table>

- Visually inspect the tire for cracks and cuts, replacing the tire in case of bad damage. Swelling or high spots indicate internal damage, requiring tire replacement.
A. Crack or Cut  
B. Nail  
C. Swelling or High Spot  
D. Stone  
• Remove any imbedded stones or other foreign particles from the tread.

**NOTE**  
○ *Have the wheel balance inspected whenever a new tire is installed.*

**WARNING**  
Tires that have been punctured and repaired do not have the same capabilities as undamaged tires and can suddenly fail, causing an accident resulting in serious injury or death. Replace damaged tires as soon as possible. To ensure safe handling and stability, use only the recommended standard tires for replacement, inflated to the standard pressure. If it is necessary to ride on a repaired tire, do not exceed 100 km/h (60 mph) until the tire is replaced.

**NOTE**  
○ *When operating on public roadways, keep maximum speed under traffic law limits.*
## Standard Tire (Tubeless)

<table>
<thead>
<tr>
<th>Location</th>
<th>Make, Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>IRC, ROAD WINNER RX-01F TL</td>
<td>110/70-17M/C 54S</td>
</tr>
<tr>
<td>Rear</td>
<td>IRC, ROAD WINNER RX-01R ZD TL</td>
<td>140/70-17M/C 66S</td>
</tr>
</tbody>
</table>

### WARNING

Mixing tire brands and types can adversely affect handling and cause an accident resulting in injury or death. Always use the same manufacturer’s tires on both front and rear wheels.

### WARNING

New tires are slippery and may cause loss of control and injury. A break-in period of 160 km (100 miles) is necessary to establish normal tire traction. During break-in, avoid sudden and maximum braking and acceleration, and hard cornering.

### Battery

The battery installed in this motorcycle is a sealed type, so it is not necessary to check the battery electrolyte level or add distilled water.
NOTICE

Never remove the sealing strip, or the battery can be damaged. Do not install a conventional battery in this motorcycle, or the electrical system cannot work properly.

<table>
<thead>
<tr>
<th>Make</th>
<th>Siam Furukawa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>FTX9-BS</td>
</tr>
</tbody>
</table>

Battery Maintenance

It is the owner's responsibility to keep the battery fully charged. Failure to do so can lead to battery failure and leave you stranded.

If you are riding your vehicle infrequently, inspect the battery voltage weekly using a voltmeter. If it drops below 12.6 volts, the battery should be charged using an appropriate charger (check with your Kawasaki dealer).

If you will not be using the motorcycle for longer than two weeks, the battery should be charged using an appropriate charger. Do not use an automotive-type quick charger that may overcharge the battery and damage it.

NOTE

Leaving the battery connected causes the electrical components (clock etc) to make the battery discharged, resulting in the over discharge of the battery. In this case, the repair or replacement of the battery is not included in the warranty. If you do not drive for four weeks or more, disconnect the battery from the vehicle.

Kawasaki-recommended chargers are:

- Battery Mate 150-9
- OptiMate 4
- Yuasa MB-2040/2060
- Christie C10122S
If the above chargers are not available, use equivalent one.
For more details, ask your Kawasaki dealer.

**Battery Charging**
- Charge the battery following the instructions of your battery charger.
- The charger will keep the battery fully charged until you are ready to re-install the battery in the motorcycle (see Battery Installation).

**DANGER**
Battery acid generates hydrogen gas which is flammable and explosive under certain conditions. It is present within a battery at all times, even in a discharged condition. Keep all flames and sparks (cigarettes) away from the battery. Wear eye protection when working with a battery. In the event of battery acid contact with skin, eyes, or clothing, wash the affected areas immediately with water for at least five minutes. Seek medical attention.
**WARNING**

Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

**Battery Removal**
- Make sure the ignition switch is turned off.
- Remove the left and right side covers and the rider’s seat. Refer to the Seats section in the GENERAL INFORMATION chapter.
- Unscrew the cover screw and pull up the battery cover with the relay Assy.

A. Relay Assy  
B. Battery Cover  
C. Cover Screw

- Disconnect the cables from the battery, first from the (–) terminal and then the (+) terminal.
A. (+) Terminal  
B. (–) Terminal  
- Take the battery out of the case.  
- Clean the battery using a solution of baking soda and water. Be sure that the cable connections are clean.  

Battery Installation  
- Run the capped cable above the main harness at the main fuse side.  
- Run the capped cable under the main harness at the terminal side.  

NOTE  
○ Install the battery in the reverse order of the Battery Removal.
Installing the (–) cable to the (+) terminal of the battery or the (+) cable to the (–) terminal of the battery can seriously damage the electrical system.

- Put a light coat of grease on the terminals to prevent corrosion.
- Cover the (+) terminal with its protective cap.
- Reinstall the parts removed.

**NOTE**

○ When installing the battery cover, insert tab of the battery cover into hole of the frame and tighten the screw.

**Headlight**

Headlight aiming should be done by an authorized Kawasaki dealer.
Horizontal Adjustment

The headlight beam is adjustable horizontally. If not properly adjusted horizontally, the beam will point to one side rather than straight ahead.

- Turn the horizontal adjuster in or out until the beam points straight ahead.

NOTE

- On high beam, the brightest points should be slightly below horizontal. The proper angle is 0.4 degrees below horizontal. This is a 50 mm (2.0 in.) drop at 7.6 m (25 ft) measured from the center of the headlight, with the motorcycle on its wheels and the rider seated.

Vertical Adjustment

The headlight beam is adjustable vertically. If adjusted too low, neither low nor high beam will illuminate the road far enough ahead. If adjusted too high, the high beam will fail to illuminate the road close ahead, and the low beam will blind oncoming drivers.

- Turn the vertical adjuster in or out to adjust the headlight vertically.
A. 50 mm (2.0 in.)
B. Center of Brightest Spot
C. 7.6 m (25 ft)
D. Height of Headlight Center

**Fuses**

Fuses are arranged in the fuse box located under the rider's seat. The main fuse is mounted on the starter relay located under the rider's seat. If a fuse fails during operation, inspect the electrical system to determine the cause, and then replace it with a new fuse of proper amperage.

If the fuse fails repeatedly, there is something wrong with the electrical system. Have the motorcycle checked by an authorized Kawasaki dealer.

The main fuse removal should be done by an authorized Kawasaki dealer.
WARNING
Substituting fuses can cause wiring to overheat, catch fire and/or fail. Do not use any substitute for the standard fuse. Replace the blown fuse with a new one of the correct capacity, as specified on the fuse boxes and main fuse.

General Lubrication
Lubricate the points shown below, with either engine oil or regular grease, in accordance with the Periodic Maintenance Chart or whenever the vehicle has been operated under wet or rainy conditions.

Before lubricating each part, clean off any rusty spots with rust remover and wipe off any grease, oil, dirt, or grime.

Apply engine oil to the following pivots
- Side Stand
- Clutch Lever
- Front Brake Lever
- Rear Brake Pedal

Lubricate the following cables with a pressure cable luber
- (K) Clutch Inner Cable
- (K) Throttle Inner Cables
Apply grease to the following points

- (K) Clutch Inner Cable Upper End
- (K) Throttle Inner Cable Upper Ends

(K): Should be serviced by an authorized Kawasaki dealer.

NOTE
○ After connecting the cables, adjust them.

Cleaning Your Motorcycle

General Precautions

Frequent and proper care of your Kawasaki motorcycle will enhance its appearance, optimize overall performance, and extend its useful life. Covering your motorcycle with a high quality, breathable motorcycle cover will help protect its finish from harmful UV rays, pollutants, and reduce the amount of dust reaching its surfaces.
**WARNING**

Build-up of debris or flammable material in and around the vehicle chassis, engine, and exhaust can cause mechanical problems and increase the risk of fire. When operating the vehicle in conditions that allow debris or flammable material to collect in and around the vehicle, inspect the engine, electrical component and exhaust areas frequently. If debris or flammable materials have collected, park the vehicle outside and stop the engine. Allow the engine to cool, then remove any collected debris. Do not park or store the vehicle in an enclosed space prior to inspecting for build-up of debris or flammable materials.

- Be sure the engine and exhaust are cool before washing.
- Avoid applying degreaser to seals, brake pads, and tires.
- Avoid all harsh chemicals, solvents, detergents, and household cleaning products such as ammonia-based window cleaners.
- Gasoline, brake fluid, and coolant will damage the finish of painted and plastic surfaces: wash them off immediately.
- Avoid wire brushes, steel wool, and all other abrasive pads or brushes.
- Use care when washing the windshield, headlight lens, and other plastic parts as they can easily be scratched.
- Avoid using pressure washers; water can penetrate seals and electrical components and damage your motorcycle.
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- Avoid spraying water in delicate areas such as in air intakes, fuel system, brake components, electrical components, muffler outlet, and fuel tank openings.

Washing Your Motorcycle

- Rinse your bike with cold water from a garden hose to remove any loose dirt.
- Mix a mild neutral detergent (designed for motorcycles or automobiles) and water in a bucket. Use a soft cloth or sponge to wash your motorcycle. If needed, use a mild degreaser to remove any oil or grease build up.
- After washing, rinse your motorcycle thoroughly with clean water to remove any residue (residue from the detergent can damage parts of your motorcycle).
- Use a soft cloth to dry your motorcycle. As you dry, inspect your motorcycle for chips and scratches. Do not let the water air dry as this can damage the painted surfaces.
- Start the engine and let it idle for several minutes. The heat from the engine will help dry moist areas.
- Carefully ride your motorcycle at a slow speed and apply the brakes several times. This helps dry the brakes and restores them to normal operating performance.
- Lubricate the drive chain to prevent rusting.

NOTE

- After riding in an area where the roads are salted or near the ocean, immediately wash your motorcycle with cold water. Do not use warm water.
water as it accelerates the chemical reaction of the salt. After drying, apply a corrosion protection spray on all metal and chrome surfaces to prevent corrosion.

○ Condensation may form on the inside of the headlight lens after riding in the rain, washing the motorcycle or humid weather. To remove the moisture, start the engine and turn on the headlight. Gradually the condensation on the inside of the lens will clear off.

**Radiator**
Clean off any obstructions with a stream of low-pressure water.

**NOTICE**
Using high-pressure water, as from a car wash facility, could damage the radiator fins and impair the radiator’s effectiveness. Do not obstruct or deflect airflow through the radiator by installing unauthorized accessories in front of the radiator or behind the cooling fan. Interference with the radiator airflow can lead to overheating and consequent engine damage.

**Semi-gloss Finish**
To clean the semi-gloss finish:
- When washing the motorcycle, always use a mild neutral detergent and water.
- The semi-gloss finish effect may be lost when the finish is excessively rubbed.
If any doubt, consult an authorized Kawasaki dealer.

Windshield and Other Plastic Parts

After washing use a soft cloth to gently dry plastic parts. When dry, treat the windshield, headlight lens, and other nonpainted plastic parts with an approved plastic cleaner/polisher product.

**NOTICE**

Plastic parts may deteriorate and break if they come in contact with chemical substances or household cleaning products such as gasoline, brake fluid, window cleaners, thread-locking agents, or other harsh chemicals. If a plastic part comes in contact with any harsh chemical substance, wash it off immediately with water and a mild neutral detergent, and then inspect for damage. Avoid using abrasive pads or brushes to clean plastic parts, as they will damage the part's finish.
Chrome and Aluminum

Chrome and uncoated aluminum parts can be treated with a chrome/aluminum polish. Coated aluminum should be washed with a mild neutral detergent and finished with a spray polish. Aluminum wheels, both painted and unpainted can be cleaned with special non-acid based wheel spray cleaners.

Leather, Vinyl, and Rubber

If your motorcycle has leather accessories, special care must be taken. Use a leather cleaner/treatment to clean and care for leather accessories. Washing leather parts with detergent and water will damage them, shortening their life.

Vinyl parts should be washed with the rest of the motorcycle, then treated with a vinyl treatment. The sidewalls of tires and other rubber components should be treated with a rubber protectant to help prolong their useful life.

**WARNING**

Rubber protectants can be slippery and, if used on the tread area, cause loss of traction resulting in accident causing injury or death. Do not apply rubber protectant to any tread area.
Storage

Preparation for Storage

- Clean the entire vehicle thoroughly.
- Run the engine for about five minutes to warm the oil, shut it off, and drain the engine oil.

⚠️ WARNING

Engine oil is a toxic substance. Dispose of used oil properly. Contact your local authorities for approved disposal methods or possible recycling.

- Put in fresh engine oil.
- Empty the fuel from the fuel tank by the pump or siphon.
WARNING
Gasoline is extremely flammable and can be explosive under certain conditions, creating the potential for serious burns. Turn the ignition key off. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light. Gasoline is a toxic substance. Dispose of gasoline properly. Contact your local authorities for approved disposal methods.

- Empty the fuel system by running the engine at idle speed until the engine stalls. (If left in for a long time, the fuel will break down and could clog the fuel system.)

WARNING
An air/oil mist may be forcibly ejected from the spark plug holes and could get into your eyes. Do not lean over the engine when performing this procedure. If you do get oil in your eyes, wash them immediately with liberal amounts of clean, fresh water and consult a physician as soon as possible.

- Reduce tire pressure by about 20%.
- Set the motorcycle on a box or stand so that both wheels are raised off the ground. (If this cannot be done, put boards under the front and rear wheels to keep dampness away from the tire rubber.)
• Spray oil on all unpainted metal surfaces to prevent rusting. Avoid getting oil on rubber parts or in the brakes.
• Lubricate the drive chain and all the cables.
• Remove the battery, and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures. During storage it should be given a slow charge (one ampere or less) about once a month. Keep the battery well charged especially during cold weather.
• Tie plastic bag over the muffler to prevent moisture from entering.
• Put a cover over the motorcycle to keep dust and dirt from collecting on it.

**Preparation after Storage**
• Remove the plastic bag from the muffler.
• Install the battery in the motorcycle and charge the battery if necessary.
• Fill the fuel tank with fuel.
• Check all the points listed in the Daily Checks section.
• Lubricate the pivots, bolts, and nuts.
Troubleshooting Guide

**Engine Does Not Start**

**Starter Motor Won’t Turn**
- Engine stop switch off
- Transmission not in neutral
- Fuse blown
- Battery leads do not make good electrical contact with battery terminals
- Battery discharged

**Engine Cranks, But Won’t Start**
- No fuel in tank
- Fuel line clogged
- Fuel broken down
- Engine flooded
- Spark plugs not in good contact
- Spark plugs fouled or wet
- Incorrect spark plug gap
- Incorrect valve clearance
- No first turning the ignition switch off when the motorcycle falls down
Engine Stalls

Just When Shifting Into 1st Gear

- Side stand has been left down
- Clutch does not properly disengage

While Riding

- No fuel in tank
- Fuel tank air vent is obstructed
- Overheating
- Battery discharged

Your Warranty/Owner Satisfaction

Welcome to the Kawasaki family!

Congratulations on buying your Kawasaki vehicle. You’ve chosen a great, high-quality product with state-of-the-art features and built to Kawasaki’s high standards. Your satisfaction is important to your authorized Kawasaki dealer and to Kawasaki Motors Corp., U.S.A. Here is some important information regarding your vehicle’s limited warranty.
Frequently Asked Questions

**What is a Limited Warranty?**

The most important thing to know about your warranty is that it protects you from manufacturing defects in material or workmanship during the warranty period. You can find the warranty period in the Kawasaki Limited Warranty Certificate your Kawasaki dealer provided to you at the time of sale. The warranty does not cover the cost of regularly-scheduled maintenance. The warranty also does not apply to the normal wear of items such as tires, brake pads, transmission drive belts, chains, sprockets, etc.

**What is the Good Times Protection Plan?**

Much of the warranty coverage offered by the limited warranty can be extended by purchasing Kawasaki’s Good Time™ Protection Plan (GTPP). See your Kawasaki dealer or go to Kawasaki.com for more information if you don’t already have the GTPP.

**What Am I Responsible For?**

You are responsible for maintaining your vehicle according to the maintenance schedule shown in this owner’s manual.
You are responsible for notifying your dealer immediately if there is a problem, and you, as the owner, will need to authorize the dealer to inspect the unit.

You will be responsible for paying for routine maintenance, including the first scheduled service. You can have the required servicing done by your Kawasaki dealer (recommended) or an equally-qualified service facility. You can also do your own maintenance work if you have the proper tools, service references, and mechanical skills. However, if a failure is found to be caused by improper servicing, it would not be covered by the limited warranty.

You may purchase a Kawasaki Service Manual and any necessary special tools directly from your Kawasaki dealer.

You will be responsible for paying for repairs needed because of an accident, to replace worn parts such as tires, chains, brakes, and for repairs needed because of a lack of maintenance, misuse or racing.

Whether you do it yourself or take your vehicle to a Kawasaki dealer, be sure to record your service in the Maintenance Record section of this Owner’s Manual. Keep all receipts for the service and/or items necessary to perform the maintenance so that in the event of a failure you can document the service history.
What Are The Dealership’s Responsibilities?

Your Kawasaki dealer offers a wide range of services, parts, accessories, and information on your product and on Kawasaki.

Each dealer is independently owned and operated and is responsible for the dealership's operations, its repair, warranty, and service work, and its personnel.

Your dealer is responsible for completing the set up and pre-delivery service of your new Kawasaki vehicle. The dealership should also explain its operation, maintenance, and warranty provisions so you understand them at the time of purchase or at any other time you have questions.

The dealership is responsible for inspecting your Kawasaki vehicle if there is a failure, investigating the cause of the problem, and getting any needed authorization from Kawasaki if the repair is one that will be covered by the limited warranty. The dealership will also file all necessary paperwork. The dealership is responsible for correctly completing any necessary repairs, whether they are covered by the limited warranty or not.
How Do I Get Warranty Service?

If there is a problem with your vehicle within the limited warranty period, you will need to schedule a service appointment and provide any maintenance records to an authorized Kawasaki dealer for inspection and diagnosis. You can go to any Kawasaki dealer for warranty repairs. Your Kawasaki dealer will inspect your vehicle and give you the results of the inspection. The dealer will perform the repairs at no cost to you if it is determined that the problem is covered by the warranty.

Kawasaki will work with your dealer to resolve any warranty issues. No authorization for warranty work can be given until your vehicle has been inspected by a Kawasaki dealer.

What if I am not Satisfied With My Warranty Service?

If you aren’t satisfied with your dealership’s repair work or operations, it is best to discuss the situation with the appropriate dealership manager. If you have already done this, then contact the dealership’s owner or general manager to request a review of the issue.

If you are unable to resolve a problem after consulting with the dealership management and need further assistance, contact Kawasaki Motors Corp., U.S.A. at the address below. Please be certain to provide the model, vehicle identification
number (VIN), mileage or hours of use, accessories, dates that events occurred and what action has been taken by both you and your dealer. Include the name and address of the dealership. To assist us in resolving your inquiry, please include copies of related receipts and any other pertinent information including the name of the dealership personnel with whom you have been working. Upon receipt of your correspondence, Kawasaki Motors Corp., U.S.A. will contact the dealership and work with it in resolving your problem.

Want to Contact Kawasaki?

This owner's manual should answer most of your questions about your Kawasaki. Your Kawasaki dealer should either be able to answer any other questions you might have immediately or be able to find the answer for you.

Please send your correspondence to:
Consumer Services
Kawasaki Motors Corp., U.S.A.
P.O. Box 25252
Santa Ana, CA 92799-5252
(949) 460-5688
Reporting Safety Defects

(For Products Sold in the United States of America, District of Columbia, and U.S. Territories Only)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Kawasaki Motors Corporation, U.S.A.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Kawasaki Motors Corporation, U.S.A.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the Hotline.
Environmental Protection

To help preserve the environment, properly discard used batteries, tires, oils and fluids, or other vehicle components that you might dispose of in the future. Consult your authorized Kawasaki dealer or local environmental waste agency for their proper disposal procedure. This also applies to disposal of the entire vehicle at the end of its life.
MAINTENANCE RECORD

Owner Name ...............................................................................................
Address ........................................................................................................
Phone Number ............................................................................................
Engine Number ............................................................................................
Vehicle Number ...........................................................................................
Key Code ........................................................................................................
Selling Dealer Name ......................................................................................
Phone Number .............................................................................................
Warranty Start Date ........................................................................................

Note: Keep this information and a spare key in a secure location.

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