

**TITLE: 2023 NINJA® ZX™-4RR KRT EDITION
ALTERNATOR ROTOR BOLT INSPECTION**

RECALL

THIS BULLETIN IS OF THE HIGHEST PRIORITY AND MUST BE ACTED UPON IMMEDIATELY TO ENSURE CUSTOMER SAFETY.

Eligibility

Eligible Units

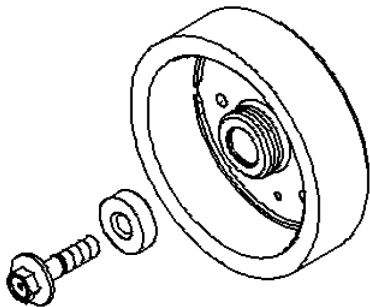
Year	Model Name	Model Code
2023	NINJA ZX-4RR KRT EDITION	ZX400SPFNL

Verify individual vehicle eligibility using VIP in K-Dealer before starting the repair.

Please check VIP (Vehicle Information Portal) in K-Dealer for other possible repair campaigns for eligible units.

Subject

The alternator rotor could loosen and lead to an engine stall, increasing the risk of a crash.



Kawasaki Action

Initiate Campaign:

Kawasaki has initiated a Recall campaign to inspect the rotor bolt for proper torque and correctly tighten bolts found to be improperly tightened.

Notify Registered Owners:

Kawasaki is sending a Recall letter to all registered owners of eligible units. A copy of the letter is printed on page 11 of this bulletin.

Dealer Action

Repair Eligible Units:

Repair all eligible units including sold units in the field and unsold units in your dealership inventory prior to delivery to the retail purchaser. It is the obligation of authorized Kawasaki retail Dealers to repair eligible units in Dealer's possession prior to retail sale. Failure to comply with this obligation to repair all units eligible for Recall or FDM campaigns by the Dealer constitutes a breach of the Dealer Sales and Service Agreement. Refer to Service Policies bulletin SP 08-01. Refer to the Repair Procedure section of this bulletin for details.

IMPORTANT NOTE:

It's the law! Under the U.S. National Highway Traffic Safety Administration (NHTSA), Federal Law 49 U.S.C. Section 30120(i) requires dealers to perform Recall repairs before delivering any vehicle affected by the Recall to a purchaser.

Submit Product Registration:

Submit the product registration to Kawasaki via K-Dealer immediately after retail sale of any eligible unit. Be sure to supply the correct customer name and mailing address. Kawasaki uses the product registration information for customer notification. Also, if you know that the customer has moved, please submit a Customer Update via K-Dealer.

Dealer Action (continued)

Document Completed Repairs:

Federal law requires manufacturers to maintain accurate follow-up records on repairs performed on eligible units. Dealers MUST submit a Warranty Claim for each repair. Refer to the Warranty Information section of this bulletin for details.

NOTE:

- o *If you fail to submit a Warranty Claim for a new unit that is subsequently sold and registered, the new owner will receive the Recall letter requesting the return of the vehicle to you for repair.*

Parts Information

Repair Kit Part Number:

Order parts to complete the Recall through K-Dealer as outlined in Service Bulletin SP15-03.

Parts Availability:

To ensure parts availability across the dealer network, Kawasaki initially requests that parts are ordered based on immediate demand:

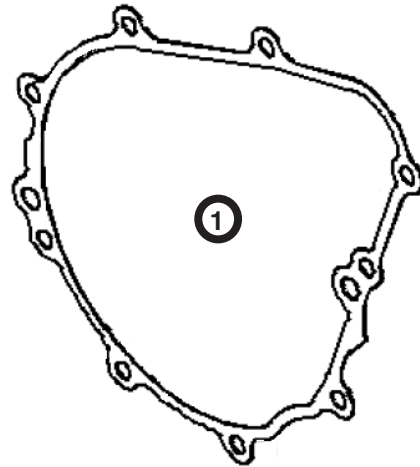
- For retailed units, order parts as customers schedule repairs or for repairs expected to take place within the next two weeks.
- For unsold units, use VIP in K-Dealer to identify the number of affected units in your dealership inventory. Order repair parts only for units that will be repaired for retail sale within the next two weeks.

NOTE:

- o *Use VIP in K-Dealer to identify affected units in your dealership inventory to order repair kits for unsold units.*

Kit, GASKET, MC23-06, P/N 99999-0906

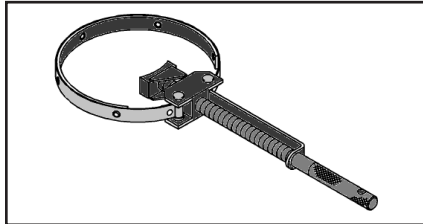
Ref.#	Contents	Qty
1	Gasket, Generator Cover	1



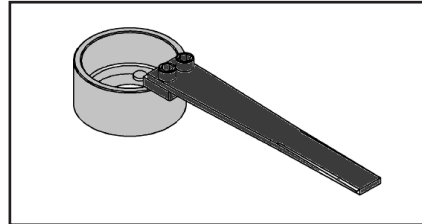
Required Tools & Consumables

Use **ANY ONE** of the following tools to hold the alternator rotor.

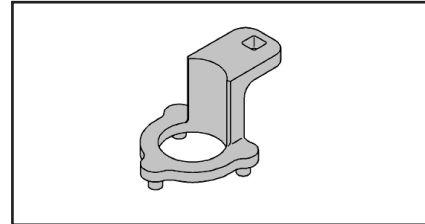
Kawasaki P/N 57001-1313



Kawasaki P/N 57001-1544



Kawasaki P/N 57001-1755



Strap Wrench, 5 Inch Capacity

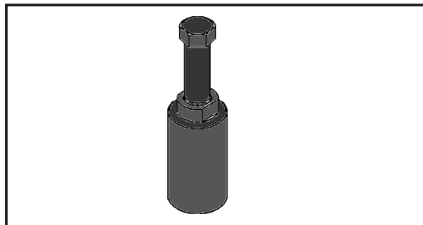


Strap Wrench, 5 Inch Capacity



Use **EITHER** of the following to remove the alternator rotor.

Kawasaki P/N 57001-1615



35mm X 1.5mm RH Puller



Standard Hand Tools:

- 8mm Socket, 1/4" drive
- Ratchet, 1/4" drive
- 2" Extension, 1/4" drive
- Torque Wrench, 89 in·lb
- Torque Wrench, 66 ft·lb
- Breaker Bar, 1/2" drive
- Ratchet, 1/2" drive
- 14mm Socket, 1/2" drive
- 24mm Socket, 1/2" drive
- 4mm hex key
- 5mm hex key
- 6mm hex key (slider equipped models)
- 27mm wrench
- Push Pin Pliers
- Gasket scraper

Consumables

- High flash point solvent
- Clean, lint free cloth
- Liquid Gasket, TB1211F: 92104-0004

Inspection Preparation

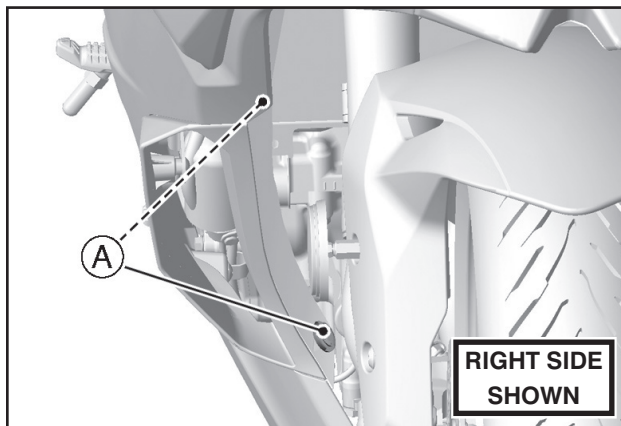
Refer to service manual 99832-0244-04 for detailed information related to parts removal and installation.

- Secure the motorcycle in a fully upright position using a suitable stand or lift.

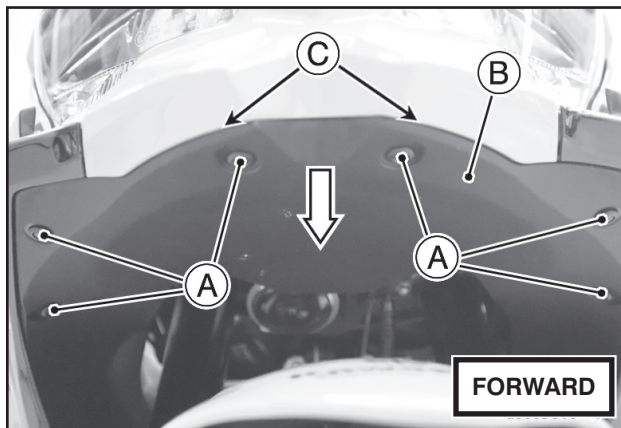


Remove Lower Inner Fairing

- Remove and retain quick rivets [A] from both sides (right side shown, left side similar).

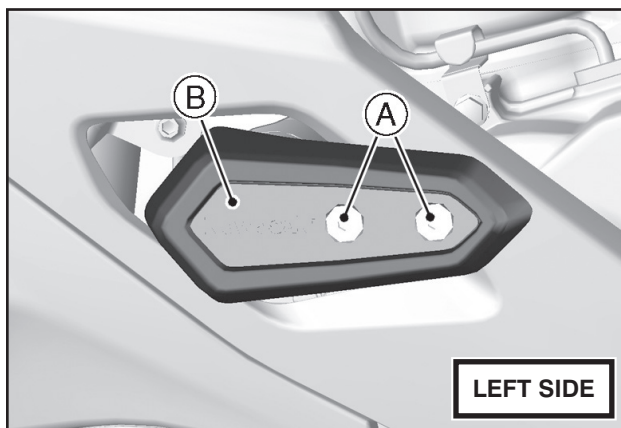


- Remove and retain quick rivets [A].
- Pull the lower inner fairing [B] backward to clear the tabs [C].



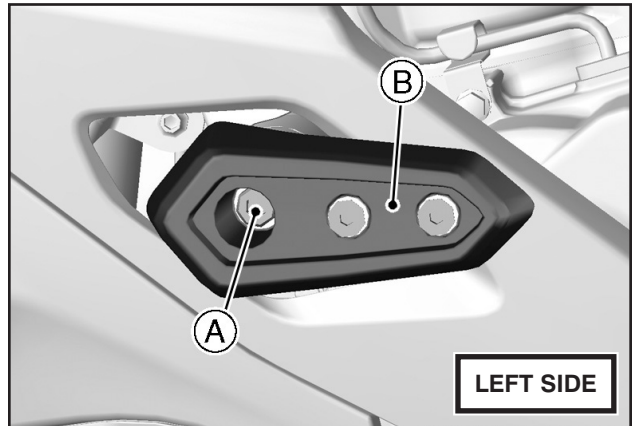
Remove Left Frame Slider if Equipped

- Remove and retain bolts [A] and cover [B].



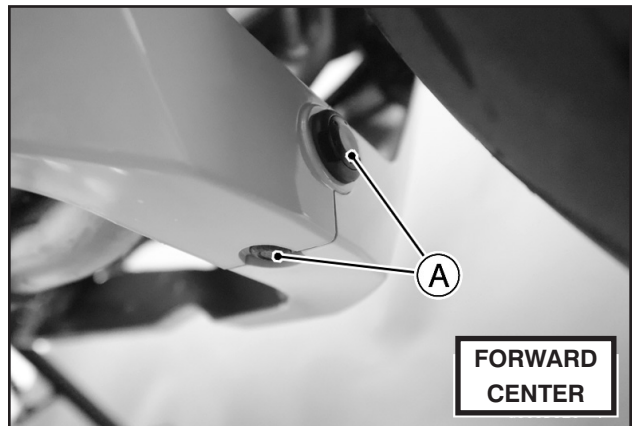
Inspection Preparation (continued)

- Remove and retain bolt [A] and slider [B].

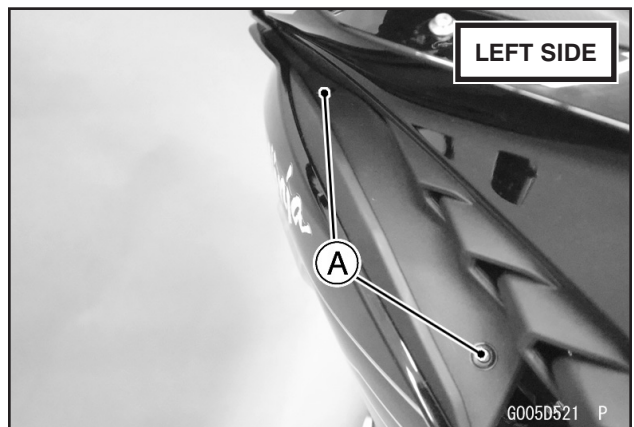


Remove Left Lower Fairing.

- Remove and retain quick rivets [A] from the lower, forward, bottom portion of the fairing behind the front wheel.



- Remove and retain quick rivets [A].

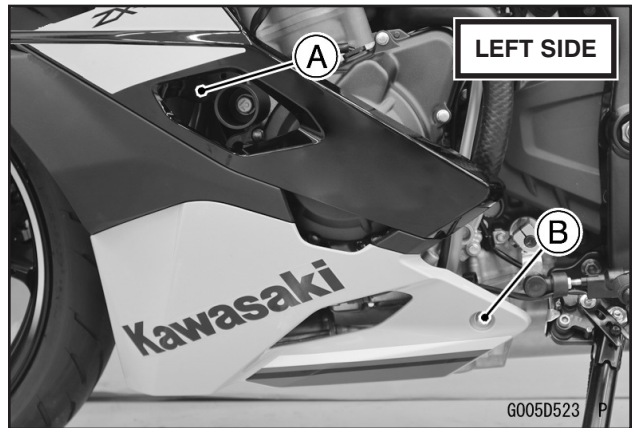


- Remove and retain bolt [A].



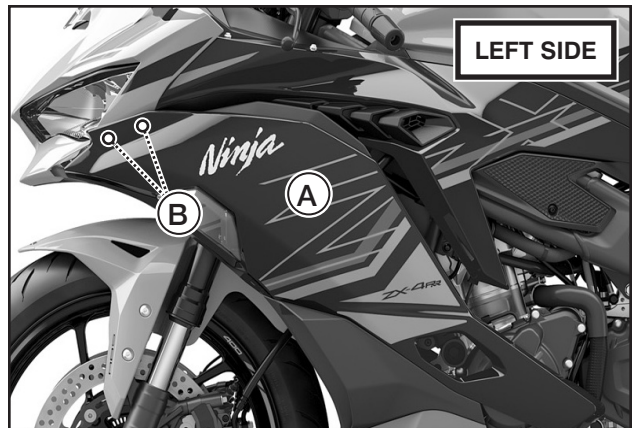
Inspection Preparation (continued)

- Remove and retain bolt [A].
- Remove and retain bolt and collar [B].



NOTE:

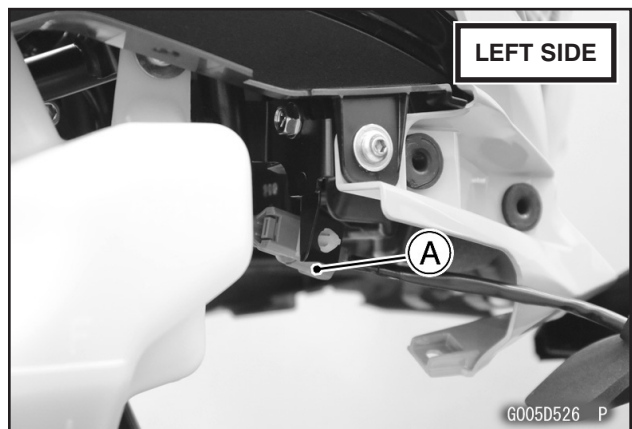
- o Be careful not to pull on the left turn signal harness that is connected between the frame and the fairing.
- Pull the lower fairing [A] outward to clear the projections [B].



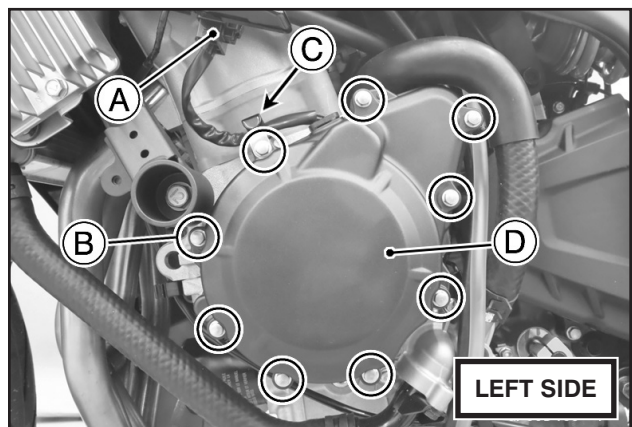
- While holding the lower fairing, disconnect the left front turn signal connector [A].
- Set the lower fairing aside.

NOTE:

- o There is no need to drain the engine oil to perform this repair.



- Disconnect the alternator connector [A].
- Place a suitable container under the alternator cover to catch any residual oil.
- Remove and retain alternator cover bolts [B].
- Remove and retain clamp [C].
- Remove and retain alternator cover [D].
- Discard alternator cover gasket.
- Clean the gasket surface of the alternator cover.

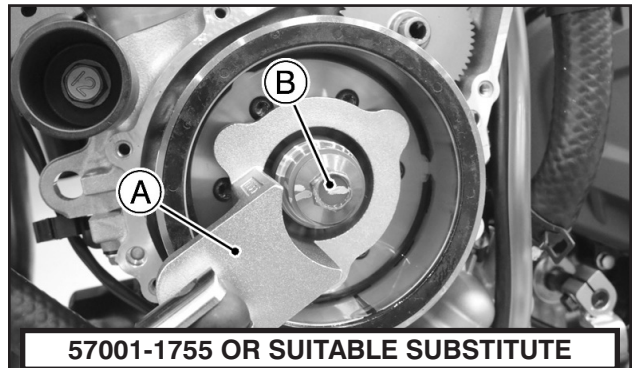


Inspection Procedure

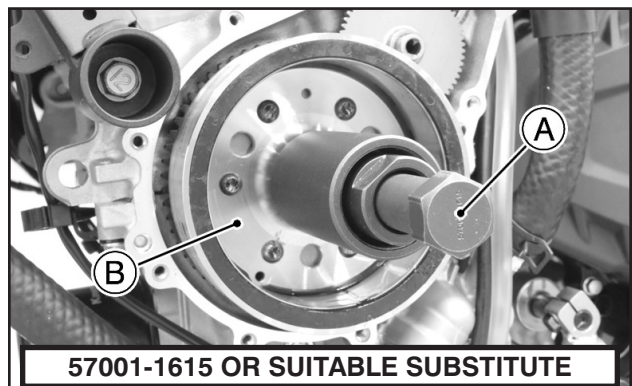
IMPORTANT NOTE:

- **REFER TO PAGE 3 OF THIS BULLETIN FOR A LIST OF APPROVED TOOLS.**

- Hold the alternator rotor steady with rotor holder [A] (57001-1755 or any of the substitute holders listed on page 3 of this bulletin).
- Remove and retain the rotor bolt [B] and washer.

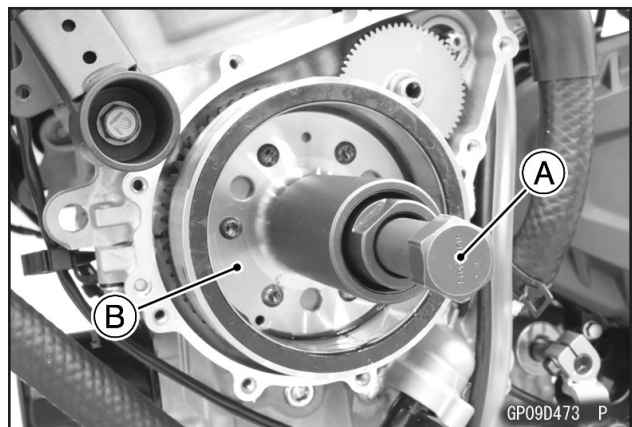


- Check the torque required to remove the alternator rotor by using the smaller, 35mm end of flywheel puller [A] (57001-1615 or suitable M35 x 1.5 aftermarket puller) and a torque wrench set to 89 in·lb (1.0 kgf·m, 10 N·m).
 - ★ If the rotor is not pulled off with less than 10 N·m (1.0 kgf·m, 89in·lb) of drawing torque, it is installed correctly. Proceed to the Installation Procedure section on page 9.
 - ★ If the rotor is pulled off with under 10 N·m (1.0 kgf·m, 89in·lb) of drawing torque, proceed to the Repair Procedure section on page 7 below.



Repair Procedure

- Break the alternator rotor [B] free from the crankshaft using the smaller, 35mm end of flywheel puller [A] (57001-1615 or suitable M35 x 1.5 aftermarket puller).
- Hold the idler gear while removing the alternator rotor from the crankshaft to prevent it from falling and becoming damaged.
- Clean the gasket surface on the crankcase being careful not to allow debris to fall into the crankcase.



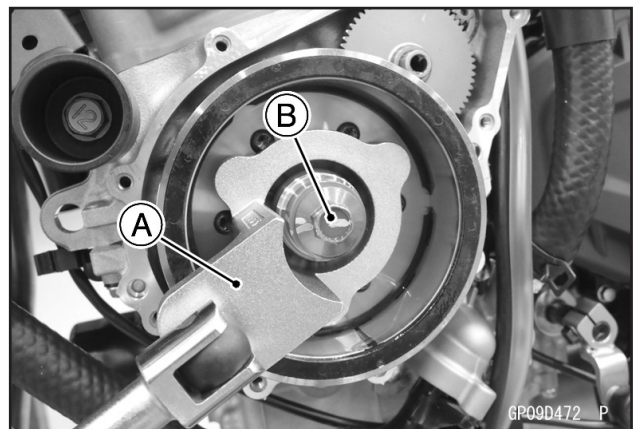
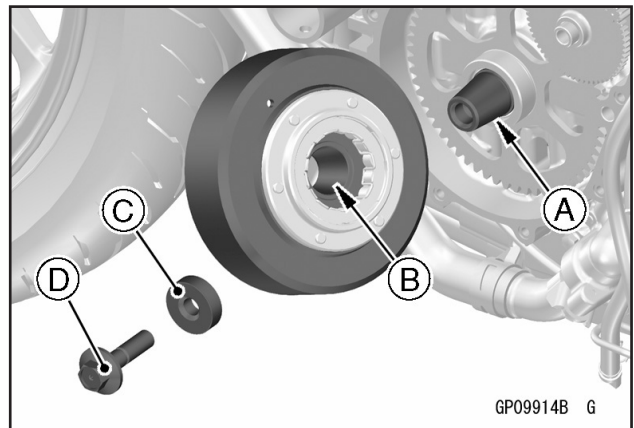
Repair Procedure (continued)

- Using a high flash-point solvent, clean off any oil or dirt from the following parts and dry them completely with a clean, lint free cloth.
 - Crankshaft Tapered Portion [A]
 - Alternator Rotor Tapered Portion [B]
 - Washer [C] (beveled side out)
 - Alternator Rotor Bolt [D]
- Apply molybdenum disulfide oil solution (assembly lube) to the bolt threads and the washer only.

NOTE:

- o *Do not allow any oil or grease to come into contact with the crankshaft taper or the tapered portion of the alternator rotor.*

- Hold the alternator rotor in place with rotor holder [A] (57001-1755 or any of the substitute holders listed on page 3 of this bulletin) and tighten the alternator rotor bolt [B] to 59 ft·lb (8.2 kgf·m, 80 N·m).
- Remove the rotor bolt and washer [B].

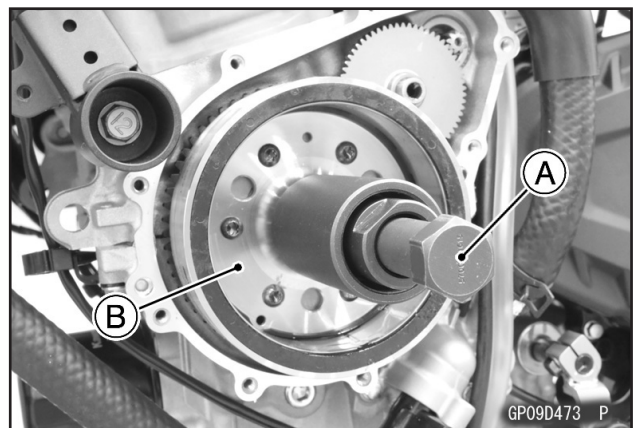


- Attempt to remove the alternator rotor [B] with a torque wrench set to 89 in·lb (1.0 kgf·m, 10 N·m) and the smaller, 35mm end of flywheel puller [A] (57001-1615, or suitable M35 x 1.5 aftermarket puller).

NOTE:

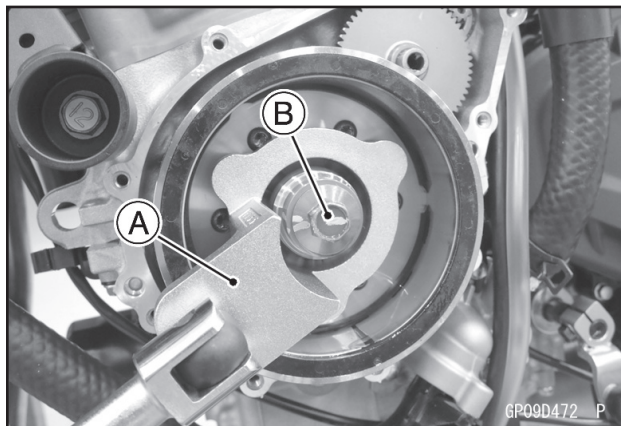
- o *Do not exceed 89 in·lb (1.0 kgf·m, 10 N·m) when attempting to remove the alternator rotor.*

- ★ If the alternator rotor is not pulled off the crankshaft proceed to the “Installation Procedure” on page 9.
- ★ If the rotor is pulled off the crankshaft, repeat the steps beginning at the bottom of page 7. Make sure the mating surfaces of the rotor and crankshaft are completely free from grease or oil and are completely dry.

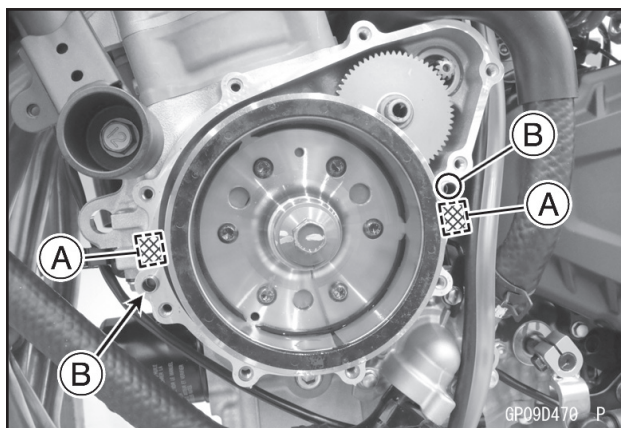


Installation Procedure

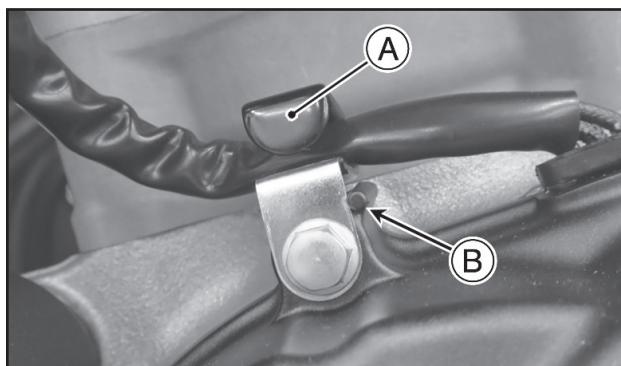
- Install the alternator rotor bolt and washer [B] with the beveled side of the washer facing out.
- Hold the alternator rotor in place with rotor holder [A] (57001-1755 or any of the substitute holders listed on page 3 of this bulletin) and tighten the alternator rotor bolt [B] to 66 ft·lb (9.1 kgf·m, 90 N·m).



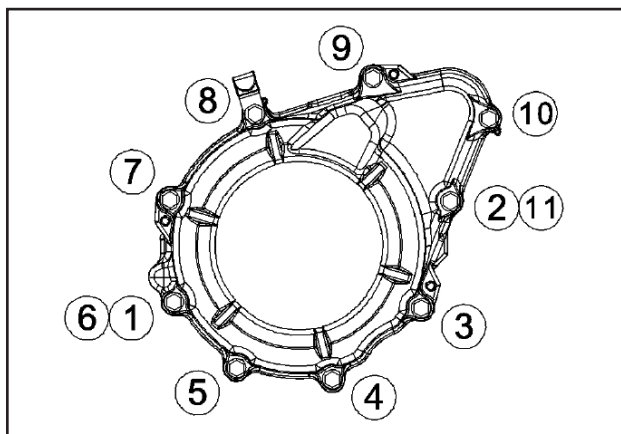
- Apply very light dab of liquid gasket to the crankcase halves at mating surfaces [A] of the crankcase as shown. (Liquid Gasket, TB1211F: 92104-0004).
- Check that the dowel pins [B] are in place on the crankcase.
- Replace the alternator cover gasket with a new one.
- Install the alternator cover.



- When installing the clamp [A], align with projection [B] of the alternator cover.



- Install the alternator cover using the new gasket from the repair kit.
- Tighten the alternator cover bolts to 89 in·lb (1.0 kgf·m, 10 N·m) using the tightening sequence shown.
- Connect the alternator connector.
- Install the fairings in reverse order of removal as outlined in this bulletin.



Warranty Information

This is a Recall. Repair is authorized regardless of ownership or warranty status.

Repairs **MUST BE PERFORMED IMMEDIATELY ON ALL ELIGIBLE UNITS** in the field and during initial assembly and preparation.

See the Warranty Policies and Procedures Manual (claim type 3 information) for detailed instructions when submitting the Warranty Claim.

Verify eligibility using VIP in K-Dealer before starting the repair.

Please check VIP (Vehicle Information Portal) in K-Dealer for other possible repair campaigns for eligible units.

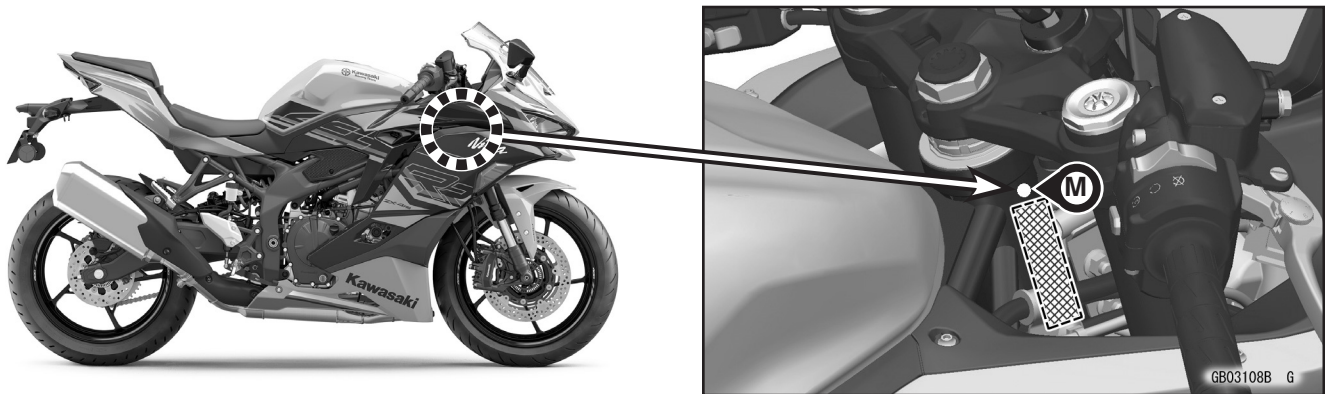
Procedure	Inspection & Repair
Job Code	22580
Flat Rate Time	0.5 hrs
Claim Type	3
Part Number	99999-0906
Description	KIT, GASKET, MC23-06
Quantity	1

Inspection & Repair Verification

Make a white paint mark [M] at the end of the frame number as shown in the picture below.

NOTE:

- o *Repair verification is an essential part of the repair procedure. Along with the physical repair verification, check VIP (Vehicle Information Portal) in K-Dealer for other possible repair campaigns for eligible units.*



IMPORTANT SAFETY RECALL NHTSA RECALL NO. 23V-515

2023 NINJA® ZX™-4RR KRT EDITION ALTERNATOR ROTOR BOLT INSPECTION

Dear Kawasaki Motorcycle Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Kawasaki Motors Corp., U.S.A., has decided that a defect that relates to vehicle safety exists in certain 2023 Ninja ZX-4RR KRT Edition model motorcycles.

What is the reason for this notice?

The alternator rotor could loosen and lead to an engine stall, increasing the risk of a crash. Our records indicate that you have purchased one of these units.

What Kawasaki and your dealer will do:

At no cost to you, Kawasaki has authorized your dealer to inspect the rotor bolt for proper torque and correctly tighten the bolt if found to be improperly tightened. The repair will take up to 30 minutes but may take longer due to scheduling at the dealership and the time needed to obtain required parts.

What should you do to ensure your safety?

Please call your Kawasaki dealer to schedule an appointment to have your motorcycle repaired. Please have your Vehicle Identification Number (VIN) ready when calling. To locate the nearest authorized Kawasaki motorcycle dealer, please visit www.kawasaki.com and click on the "LOCATE DEALER" link.

If you need help:

If you have questions or concerns that your dealer is not able to resolve, please contact Kawasaki's Customer Care Department at (866) 802-9381 (toll-free) between 7:00 a.m. and 4:00 p.m. PT Monday through Friday. Please have your Vehicle Identification Number (VIN) ready when calling.

If your dealer fails or is unable to remedy this defect without charge within a reasonable amount of time (60 days after your first attempt to obtain remedy), you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave. S.E., Washington, D.C. 20590, or call the toll-free Vehicle Safety Hotline at 1(888) 327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

If you received this notice in error:

Our records indicate you are the current owner of the motorcycle described in this letter. If you no longer have the vehicle described in this letter, please help us to update our records at www.kawasaki.com by clicking on "OWNER CENTER => KAWASAKI SUPPORT => UPDATE OWNER INFO" or by calling Kawasaki toll free at (866) 802-9381. Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Reimbursement:

If you have experienced the failure described above prior to receiving this letter and have paid to have it corrected, you may be eligible for full or partial reimbursement for your documented cost of repair(s). To apply for reimbursement, please send copies of current owner information, VIN, and copies of repair orders and payment confirmation to the following address:

Kawasaki Motors Corp., U.S.A.
ATTN: Customer Care
P.O. Box 25252
Santa Ana, California 92799-5252

Please note the following conditions for reimbursement:

Current owner information, VIN, and copies of repair orders with payment confirmation must be provided. Claims may be denied if proper documentation is not provided.

We are sorry for any inconvenience this may cause, but we have taken this action in the interest of your safety and your continued satisfaction with your Kawasaki motorcycle.

Sincerely,

Kawasaki Motors Corp., U.S.A.